

2020 SHOPP

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM



Fiscal Years 2020-21 through 2023-24

Prepared by the California Department of Transportation in accordance with
Government Code section 14526.5 California State Transportation Agency

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EXECUTIVE SUMMARY

The 2020 State Highway Operation and Protection Program (SHOPP) is the State Highway System's "fix-it-first" program that funds the repair and preservation, emergency repairs, safety improvements, and some highway operational improvements on the State Highway System (SHS). By continuously repairing and rehabilitating the SHS, the SHOPP protects the enormous investment that has been made over many decades to create and manage the approximately 50,000 lane-mile SHS. The SHS includes statutorily designated state-owned roads, highways (including the Interstate system) and bridges (including associated bicycle and pedestrian facilities) and their supporting infrastructure such as culverts, Transportation Management Systems (TMS), safety roadside rest areas, and maintenance stations. The SHOPP also funds legally mandated project categories such as retrofitting existing SHS facilities to comply with the Americans with Disabilities Act (ADA) and storm water control requirements. All projects funded by the SHOPP are limited to capital improvements that do not add capacity (no new highway lanes) to the SHS, though some new auxiliary lanes are eligible for SHOPP funding.

The SHOPP includes funding reservations for emergency repairs and safety improvements where specific project funding needs cannot be anticipated prior to actual incidents. Revenues for the SHOPP are generated by federal and state gas taxes and are fiscally constrained by the 2020 State Transportation Improvement Program Fund Estimate (Fund Estimate) that is produced by the California Department of Transportation (Caltrans) and adopted by the California Transportation Commission (Commission).

For the 2020 SHOPP, Caltrans will implement \$17.4 billion in projects over four years, covering Fiscal Years 2020-21 through 2023-24. A four-year summary of SHOPP investments is provided in **Table 2**. A more detailed 2020 Funding Summary is available in **EXHIBIT A** and the full 2020 County Listing of Projects in **EXHIBIT H**. Consistent with Senate Bill 486 (Chapter 917, Statutes of 2014), Caltrans submitted the proposed program of projects to the Commission on January 31, 2020 for Commission review and adoption. The Commission adopted the 2020 SHOPP at their meeting on May 13, 2020. The adopted SHOPP is due for submittal by the Commission to the Governor and the Legislature on May 22, 2020.

The 2020 SHOPP is the first performance driven project portfolio built entirely driven by the Asset Management process. Projects in the 2020 SHOPP were developed

under an asset management framework established through the California Transportation Asset Management Plan (TAMP) and implemented with the State Highway System Management Plan (SHSMP). The SHSMP operationalizes the TAMP using Commission-adopted asset classes, performance measures and targets pursuant to Senate Bill 486 (SB 486). Furthermore, the 2020 SHOPP is also comprised of projects that address condition improvements across four primary asset classes (i.e., pavement, bridge, drainage, and TMS), in supporting progress to meet 2027 performance targets established in Senate Bill 1 (SB 1). The 2020 SHOPP performance measures for these primary asset classes are summarized in

Figure 1.

Figure 1 - 2020 SHOPP Performance Measures



5,483 Lane-miles
of pavement
improved



7.0 million square feet
bridges improved



4,029 culverts
rehabilitated



3,280 field elements
addressed

The TAMP identifies federal asset condition targets for pavement and bridges on the National Highway System (NHS). The TAMP also puts forth performance targets for eight supplementary asset classes in addition to the four primary asset classes on the SHS in alignment with the Commission's 2017 TAMP Guidelines. With this, projects in the 2020 SHOPP make progress towards meeting SB 1 targets.

The SHSMP integrates both federal and state mandated targets and further expands the scope of asset management to 32 total performance objectives and targets. Project portfolios are developed to assure that 10-year performance targets are achieved and are published and updated quarterly in the SHOPP Ten-Year Project Book. All proposed new 2020 SHOPP projects that are not funded by reservations such as emergency opening projects or safety improvements, are listed in the Ten-Year Project Book.

Table 1 outlines the SB 1 ten-year goals to be achieved for the highway system for pavement, bridge, culverts and TMS asset classes.

Table 1 – 2017 to 2027 Ten-Year Condition Estimates

Asset Class	Projected End of Plan Condition Relative to Current
Pavement	Achieve a pavement pothole and cracking Level of Service of 90 percent or higher by 2027.
Bridges	Not less than 98.5 percent of bridge area to be in good or fair condition by 2027. Fix not less than an additional 500 bridges by 2027
Culverts	Not less than 90 percent of culvert length to be in good or fair condition by 2027.
Transportation Management Systems (TMS)	Not less than 90 percent of TMS elements to be in good condition by 2027.

SHOPP projects also provide opportunities to address other vital State priorities such as the implementation of Complete Streets elements such as pedestrian and bicycle facilities, climate change considerations (reduction of transportation related greenhouse gas (GHG) emissions and measures to enhance the resilience of transportation assets to future climate stressors), and enhancements to wildlife connectivity and fish passage. These are co-benefits to the primary purpose of the fix-it-first focus of the SHOPP. Such benefits are different from project impact mitigation that is required through the National Environmental Protection Act (NEPA) and the California Environmental Quality Act (CEQA). These additional project attributes go beyond NEPA and CEQA requirements by actively incorporating additional State priorities identified in statute, executive orders, and policies into the scope of SHOPP projects, as appropriate. For example, the scoping of a pavement rehabilitation project is an opportunity to evaluate whether the project can also meet pedestrian and bicycle needs, and where feasible, to include those elements into the project scope early in the project development process.

Caltrans is committed to making continuing improvements in implementation of Complete Streets features. Caltrans proposed \$100 million reservation. The Commission approved \$42 million towards the \$100 million at the May 13, 2020 Commission meeting. Caltrans will propose the balance at the June 2020 Commission meeting. Other efforts include changes to Caltrans policy, guidance, procedures and organizational structure. For instance, Caltrans is evaluating its design guidance for consistency with externally available sources at the Federal

and national association levels. Furthermore, efforts to develop an improved dataset of bicycle and pedestrian facilities are underway to better assess the inventory and condition of these assets for the 2021 SHSMP. An analysis of the 2020 SHOPP has determined that 41 percent of the projects include one or more bicycle, pedestrian or transit focused feature and is demonstrating a growing Complete Streets focus.

The 2020 SHOPP was prepared by Caltrans in accordance with Government Code section 14526.5, Streets and Highways Code section 164.6, and the Commission SHOPP Guidelines. The 2020 SHOPP is the culmination of a multi-year development cycle that began with the identification of SHS rehabilitation needs and priorities in the SHSMP. The 2020 SHOPP Project List is also consistent with the TAMP that was prepared per state and federal requirements. The TAMP identifies at a broad level the projects needed to achieve asset performance targets for pavement, bridge, culverts and TMS elements over a ten-year period ending in the year 2027. The TAMP addresses both the SHS and the federal NHS. Not all of the State Highway System is included in the National Highway System and some of the facilities included in the NHS are local roads not on the SHS. The SHOPP only includes projects located on the SHS.

An additional component of the SHOPP is the funding program referred to as the Minor Program. Over the four years of the 2020 SHOPP, the Minor Program will include \$1 billion to implement relatively low cost (less than \$ 1.25 million) capital projects that meet all requirements for SHOPP eligibility. These funds enable Caltrans to quickly address small-scale needs that are beyond the scope of what can be addressed by the Caltrans Maintenance Program. These projects are at a scale that do not necessitate an extensive project development process as is normally required for more costly and complex capital projects. The Minor Program of projects is annually proposed by Caltrans for Commission approval, and the Minor Program funding amount is included within the SHOPP total. The minor program is one aspect of the overall asset management approach and is consistent with the TAMP.

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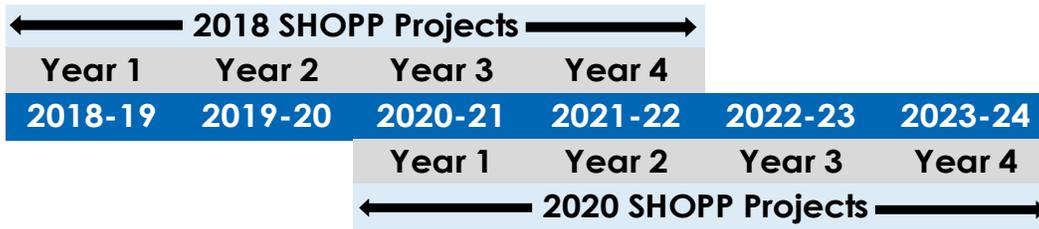
INTRODUCTION

The 2020 State Highway Operation and Protection Program (SHOPP) was prepared by the California Department of Transportation (Caltrans) in accordance with Government Code section 14526.5 (**EXHIBIT B**), Streets and Highways Code section 164.6, Senate Bill 486 (Chapter 917, Statutes of 2014) (**EXHIBIT C**), Senate Bill 1 (SB 1) (Chapter 5, Statutes of 2017) (**EXHIBIT D**), California Transportation Commission (Commission) SHOPP Guidelines (June 2019) (**EXHIBIT G**), the State Highway System Management Plan (SHSMP), and the California Transportation Asset Management Plan (TAMP). The 2020 SHOPP also addresses related statutes, executive orders, and policies focusing on climate change considerations (reduction of transportation related greenhouse gas (GHG) emissions and measures to enhance the resilience of transportation assets to future climate stressors), Complete Streets, wildlife habitat connectivity, and other topics. All statutory requirements were addressed in the development of the 2020 SHOPP.

The SHOPP is the State's "fix-it-first" funding mechanism for the rehabilitation and reconstruction of all state highways and bridges, including Interstate highways; the supporting infrastructure for those facilities such as culverts, traffic management centers, safety roadside rest areas, and maintenance stations; and most importantly, to address safety and emergency repair needs. The 2020 SHOPP is a four-year program of projects that addresses needs for fiscal years 2020-21 through 2023-24. SHOPP projects are prohibited from adding additional roadway or highway lanes, though specified auxiliary lanes are eligible for SHOPP funding as operational improvements. The 2020 SHOPP is the first SHOPP portfolio built entirely through the performance driven Asset Management process.

SHOPP PROCESS

The SHOPP portfolio of projects is updated every two years, carrying forward projects programmed in the last two years of the preceding SHOPP and making those last two years of projects the first two years of projects in the new SHOPP, as illustrated in **Figure 2**. New projects are programmed in the year Caltrans estimates the projects can be delivered. All projects have a Project Initiation Document (PID) identifying the project's scope, outputs, estimated capital and support costs, and delivery schedule.

Figure 2 - Relationship between 2018 and 2020 SHOPP Cycles

The SHOPP programming cycle has four major elements:

- **SHSMP** - The SHSMP is updated by Caltrans every two years to describe and quantify the rehabilitation and reconstruction needs on the State Highway System (SHS) for a ten-year period. The draft SHSMP is submitted to the Commission by February 15th, and the final SHSMP to the Governor and Legislature by June 1st of odd-numbered years.
- **TAMP** - The TAMP presents the existing inventory and condition of current state highway infrastructure, asset performance targets, financial plans, investment strategies, a risk mitigation plan, life-cycle planning documentation and identified areas of improvement.
- **Fund Estimate** - The programming cycle's fiscal capacity is developed by Caltrans and approved by the Commission to issue the 2020 State Transportation Improvement Program Fund Estimate (Fund Estimate) that forecasts the amount of funding available each year for the four-year estimate period of the SHOPP. The Commission-adopted 2020 Fund Estimate (adopted August 2019) provides a total available programming capacity of approximately \$4.2 billion per year for the 2020 SHOPP four-year period.
- **2020 SHOPP** - The identification of a four-year program of capital projects that respond to the goals/targets identified in the SHSMP, are within the fiscal constraints identified in the Fund Estimate and are selected to achieve the asset performance target outcomes identified in the adopted TAMP. This set of projects constitutes the four-year SHOPP.

Caltrans provides a draft of the SHOPP project list to Regional Transportation Planning Agencies (RTPA's) for their review and comment prior to submitting the proposed SHOPP to the Commission. The Commission reviews the submitted SHOPP, holds at least two hearings and may request clarifications or modifications to the document, program, or projects. Caltrans addresses comments received from the RTPA's and others regarding the SHOPP. The Commission ultimately adopts the SHOPP upon a finding of consistency with the TAMP and then submits the adopted SHOPP to the Governor and the Legislature. Caltrans develops and implements the projects identified in the adopted SHOPP consistent with the scope, schedule and cost of the respective programming documents.

CONSISTENCY WITH TRANSPORTATION ASSET MANAGEMENT

The 2020 SHOPP is comprised of a portfolio of 920 projects (322 new and 598 “carryover” projects from the 2018 SHOPP), spanning the four fiscal years 2020-21 through 2023-24. More than half of these projects focus on condition improvements across four primary asset classes (i.e., pavement, bridge, drainage, and Transportation Management Systems) (TMS), supporting Caltrans' progress in meeting the required 2027 performance targets set forth in SB 1.

Projects in the 2020 SHOPP were nominated and developed under an asset management framework established through the California TAMP¹ and implemented with the SHSMP². The SHSMP operationalizes the TAMP using Commission-adopted asset classes, performance measures and targets pursuant to SB 486.

The portfolio of projects in the 2020 SHOPP makes significant progress towards meeting the SB 1 targets. The TAMP identifies federal Moving Ahead for Progress in the 21st Century Act (MAP-21) targets for pavement and bridges on the National Highway System (NHS). The TAMP also puts forth performance targets for eight supplementary asset classes in addition to the four primary asset classes on the SHS in alignment with the Commission's 2017 TAMP Guidelines.

The SHSMP integrates both federal and state mandated targets and further expands the scope of asset management to 32 total performance objectives and targets. The local Caltrans districts develop project portfolios spanning the 10-year

¹ <https://dot.ca.gov/programs/asset-management/california-transportation-asset-management-plan>

² <https://dot.ca.gov/programs/asset-management/state-highway-system-plan>

plan period to achieve the required performance within fiscal constraints. These project portfolios are actively managed by the districts to adapt to project level scope changes, schedule adjustments, and other factors to assure that 10-year performance targets can be achieved. Complete project lists and details are published and updated quarterly in the SHOPP Ten-Year Project Book³. All proposed new 2020 SHOPP projects have been listed in the publicly available Project Book for a minimum of six months and up to 2.5 years, depending on the project.

To measure progress toward meeting the defined performance targets, Caltrans developed annual benchmarks (future condition projections) to measure progress made for each of the four primary assets towards achieving the 2027 targets. These benchmarks were initially adopted by the Commission in March 2018, and Caltrans now reports annually on progress to the Commission.

Through this strategic asset management process, Caltrans has confidence that the 2020 SHOPP is fully aligned and consistent with the TAMP.

³ Quarterly SHOPP Ten-Year Project Book, <https://dot.ca.gov/programs/asset-management>

[2020 SHOPP COMPARISON TO STATE HIGHWAY SYSTEM MANAGEMENT PLAN](#)

Table 2 summarizes 2020 SHOPP projects and planned reservations against the 2017 SHSMP targets. A greater detailed summary of the 2020 SHOPP, by fiscal year, is shown in **EXHIBIT A: 2020 SHOPP Funding Summary**.

**Table 2 - Comparison of 2020 SHOPP Programming to the 2017 SHSMP
Fiscal Years 2020-21 through 2023-24***

Program Categories	2020 SHOPP Projects & Reservations * (in Millions)	40% of 10 yr Constrained 2017 SHSMP* (in Millions)
Primary Assets		
Pavement	\$ 4,453	\$ 7,458
Bridge	\$ 2,371	\$ 2,889
Culvert(s)	\$ 713	\$ 927
TMS	\$ 957	\$ 698
Supplementary Assets	\$ 1,009	\$ 634
Project Objectives		
Major Damage Restoration	\$ 2,247	\$ 1,082
Collision Reduction	\$ 3,119	\$ 2,027
Mandates	\$ 593	\$ 451
Mobility	\$ 475	\$ 184
Roadside Preservation	\$ 114	\$ 129
Protective Betterments	\$ 127	\$ 57
Multiple Objective	\$ 70	\$ 6
Complete Streets Reservation	\$ 42	\$ 0
Minor Program	\$ 1,000	\$ 0
Long Lead (New)	\$ 71	\$ 0
Total:	\$17,360	\$ 16,544
*Excludes Proposition 1B bond funds. Project totals reflect programmed amounts and not the total project cost.		
<i>Note: The SHOPP is developed in thousands and rounded for this table. Numbers may not add due to rounding.</i>		

Each project in the 2020 SHOPP contains an “anchor” asset and performance measure. The anchor performance measure represents the project output and is included in a project’s individual listing “box” (**EXHIBIT H**: 2020 SHOPP County Listing of Projects). Performance measures range from lane-miles of distressed pavement restored for roadway preservation projects to collisions reduced for safety projects.

However, secondary “satellite” project performance measures are often part of a project’s scope and are therefore captured but not reported in the project listing. For instance, many pavement anchor projects often include work of a secondary nature on satellite assets such as culverts, bridges, or TMS elements within the project limits. **Table 3** summarizes the 2020 SHOPP investment by Anchor performance measure objective, although each of these anchor objectives will include costs for satellite objectives as well.

Table 3 - 2020 SHOPP Investments by Objective

Anchor Objective	Programmed Project Cost * (in Billions)	Percent of SHOPP
Pavement	\$ 4.5	27.4%
Bridges	\$ 2.4	14.6%
Culverts	\$ 0.7	4.4%
TMS	\$ 1.0	5.9%
Damage Restoration	\$ 2.2	13.8%
Safety	\$ 2.1	12.8%
All Others	\$ 3.4	21.1%
Grand Total*	\$16.2	100%
* Project totals reflect programmed amounts and not total project cost. Total shown excludes the Minor Reservation, Complete Streets Reservation and New Long Lead PA&ED cost.		
<i>Note: The SHOPP is developed in thousands and rounded for this table. Numbers may not add due to rounding.</i>		

PRIMARY ASSET CLASS IMPROVEMENTS IN THE 2020 SHOPP

The 2020 SHOPP will deliver condition improvements across the four primary asset classes aligned with state and federal mandated performance targets. Notably, these projects will address the following:

- 5,483 lane miles of fair and poor condition pavement

- Fair and poor condition bridges representing 7.0 million square feet of deck area, of which 227 bridges are anticipated to be “fixed” (as defined by SB 1)
- 4,029 fair and poor culverts comprised of 356,362 linear feet
- 3,280 poor condition TMS elements

Table 4 - 2020 SHOPP Performance for Primary Asset Classes

Performance Objective	Fair & Poor	Units
Pavement	5,483	Lane Miles
Bridge Health	6,998,675	Square Feet
Drainage System Restoration	356,362	Linear Feet
Transportation Management Systems	3,280	Each

FISH PASSAGE

Caltrans is required to remediate barriers to salmon and steelhead fish per California Streets and Highway Code. The 2020 SHOPP includes work on culverts and bridges that provide opportunities to remediate existing barriers as the transportation improvement work is done. Caltrans is working to ensure that the transportation project scopes adequately reflect the needs of these improvements as the projects move through the project delivery process.

SHOPP DEVELOPMENT AND PLANNING CYCLES

Caltrans engages in a comprehensive planning process to select projects for the SHOPP Program. Transportation needs such as pavement, bridge, TMS and culvert repairs are bundled into projects to efficiently utilize SHOPP funding. Proposed project portfolios are aligned to meet performance targets and financial constraints. Projects within the portfolio begin PID development so they can be programmed into the SHOPP.

The PID identifies the scope, schedule and cost for each capital project and is the basis for determining the amount of funding being requested for programming each project in the SHOPP. During PID development, various components and analyses are integrated into the project such as active transportation, risk management, and other topics. Caltrans also coordinates with regional and local partners. Coordination with partners contributes to identification of opportunities or potential risks. This coordination considers local capital improvement programs, active transportation programs and other potential areas to collaborate through

scope, cost or schedule. Completed PIDs include a Transportation Planning Scoping Information Sheet that provide input on local and regional issues through the lens of system planning; local land use development; climate change; smart mobility; complete streets and other planning functions. Completed PIDs provide the backbone for the 2020 SHOPP by ensuring a project's scope, cost, and schedule are clearly defined and the outcomes of the projects work towards achieving the goals and objectives set by Caltrans.

SHOPP FUNDING

The State Highway Account (SHA), Federal Highway Trust Fund (FTF) and Road Maintenance and Rehabilitation Account (RMRA) are the funding sources for the SHOPP. Furthermore, SB 1 legislation provides for the deposit of various taxes and fees into the RMRA. SB 1 is a traditional excise tax with annual adjustments for inflation and contains additional measures regarding the Commission's role in oversight of the SHOPP. The Commission SHOPP Guidelines (June 2019) ensure the accountability and transparency outlined in SB 1. Furthermore, project outputs were incorporated into the Commission SHOPP Guidelines to promote efficiency, accountability, and performance for invested funding. **Figure 3** displays the percent of projects in the primary and supplementary asset classes based on total project cost.

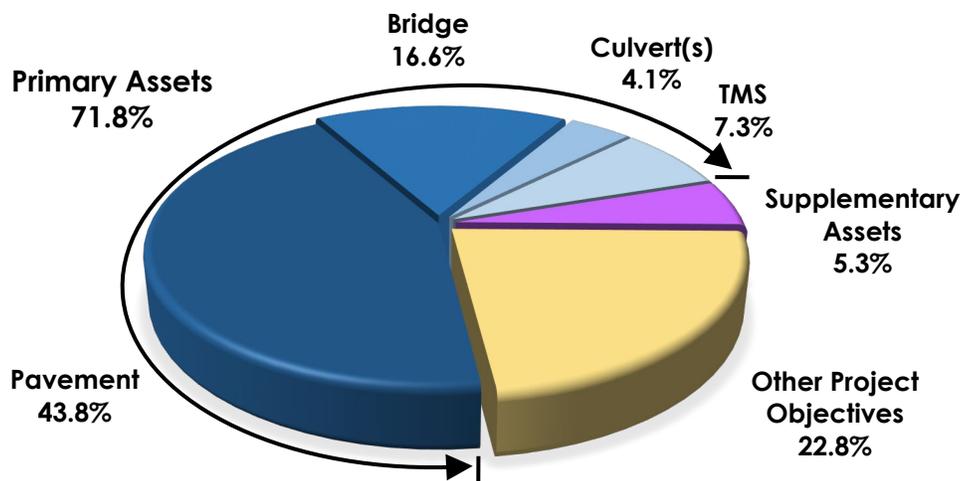


Figure 3 – Percent of Projects in Asset Management Classes

CAPITAL OUTLAY AND CAPITAL OUTLAY SUPPORT

Capital Outlay Support (COS) represents staff time associated with the development, delivery, and oversight of Caltrans' capital outlay SHOPP projects. COS is divided into the following component phases: Project Approval and Environmental Document (PA&ED); Plans, Specifications, and Estimate (PS&E); right-of-way support; and construction support. Per Government Code 14526.5 (g) (effective July 1, 2017) and per the current Commission SHOPP Guidelines, Caltrans must request individual allocations by component from the Commission for each individual COS phase and for construction capital. **Figure 4** shows the percentage distribution of the 2020 SHOPP among COS component phases.

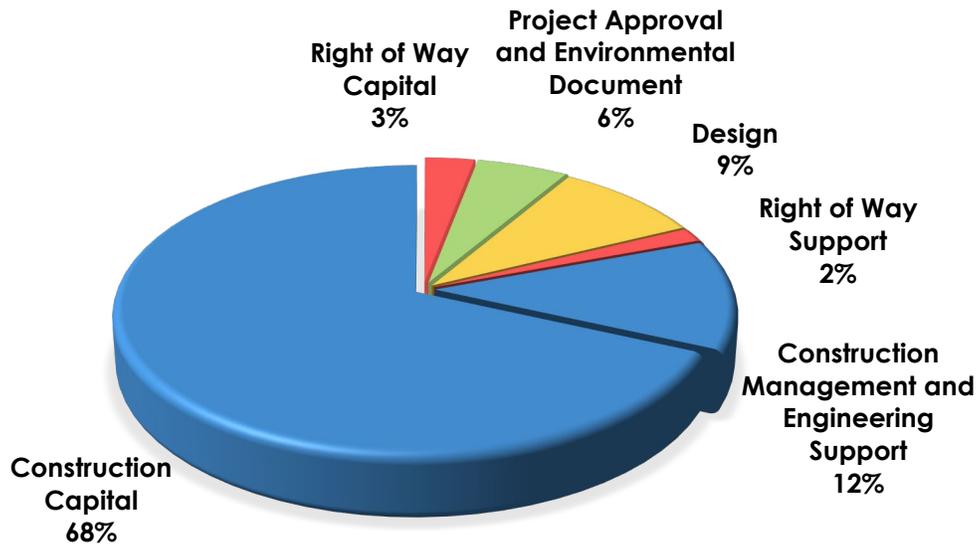


Figure 4 – 2020 SHOPP Distributed Among Project Components

INNOVATION AND SUSTAINABILITY

SB 1 contains provisions for sustainability, innovation, resiliency, and Complete Streets on SHOPP projects. These provisions in Streets and Highways Code Section 2030 Subdivision (c)-(f), require Caltrans to use advanced construction technologies and material recycling techniques, and to include technology and communications systems to accommodate zero-emission and autonomous vehicles, wherever feasible and cost effective. In addition, the provisions require SHOPP projects, where feasible, to include Complete Streets elements, such as bicycle lanes and sidewalks, that improve safety for all users of the highway system. Also, provisions in SB 1 require Caltrans to ensure that transportation assets are protected and will be better adapted to future extreme weather and other climate impacts.

Taken together, these new SB 1 requirements of the SHOPP will result in a highway system that is more reliable and safer for all users of the system including bicyclists, pedestrians, and transit riders as well as automotive and truck travelers. At the same time, the methods and materials utilized when rehabilitating the highway system will be less impactful than traditional practices and will create more resilient and sustainable facilities as necessary repairs are made. The highway system is essentially being remodeled to meet modern needs as essential repairs are made.

In addressing these provisions from SB 1, Caltrans is building on many activities already in practice to utilize sustainable approaches and innovative processes on SHOPP projects. Below are some of the current sustainability and innovation activities underway through SHOPP projects.

- Incorporating recycled materials into asphalt and concrete mixes to extend the life of pavement and reduce the emissions generated in manufacturing the materials, including the pilot use of Environmental Product Declarations to evaluate emissions from construction materials and current research on limestone constituents in pavement mixes.
- Recycling pavement on the job site, to minimize GHG from trucking materials to and from the job site and to eliminate waste.
- Using reflective sign sheeting to eliminate the need for lighting.
- Specifying Light Emitting Diode (LED) traffic signals and highway lighting, which can reduce energy consumption by up to 50 percent.

- Deploying SMART Irrigation Controllers to tailor water usage for landscaping based on weather conditions in order to conserve water.
- Using recycled water for roadside landscape watering where possible.
- Designing projects with functional landscaping features that collect storm water and reduce urban heat island effects.
- Installation of electric vehicle fast-charging stations at Caltrans-owned sites.
- Updating the project development process to track progress toward designing projects that include pedestrian and bicycle facilities.
- Some facility improvements that reduce the energy, water, and materials consumed in Caltrans' buildings and operations.

LONG LEAD AND CONTINGENCY PROGRAMMING

Long Lead and Contingency projects help ensure that the State fully utilizes its available federal transportation funding. On June 15, 2000, Commission resolution G-00-13 provided Caltrans with a means to commence project delivery efforts on SHOPP Long Lead projects, which require more than four years to develop due to complex environmental and preliminary engineering work. The 2020 SHOPP contains 40 Long Lead projects, valued at \$2.93 billion. These projects are authorized to start work on the Project Approval and Environmental Document (PA&ED) phase, as shown in **EXHIBIT I: 2020 SHOPP Long Lead Projects**.

The Commission further authorized Caltrans to program Contingency projects for preliminary engineering development only, when appropriate, thus creating projects that address performance goals without committing SHOPP resources to construction capital and support prematurely, before the resources are needed. This enables the maximum currently available capital funding to be dedicated to projects that are ready for construction rather than having funding held aside for years as complex projects get ready for construction. The 2020 SHOPP contains 100 contingency projects, valued at \$6.6 billion that are included within the 2020 SHOPP project listing in **EXHIBIT H**. A "shovel-ready" contingency project can quickly be proposed for funding should additional transportation revenues be provided, or to replace a project that is delayed or otherwise reduced in cost, making funding available within the fiscally constrained Fund Estimate period.

PROPOSITION 1B PROJECTS

On November 7, 2006, Proposition 1B, the Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006, was approved creating the Highway Safety, Rehabilitation and Preservation Account. Proposition 1B set aside \$500 million to augment the SHOPP. As of April 20, 2020, \$447 million had been allocated to 35 SHOPP projects and \$5 million for administrative cost. Of the 35 allocated projects, 34 totaling nearly \$436.3 million have been completed, and 1 project totaling \$49.7 million is in construction. Project close-out and support savings, along with cost savings set aside for administration and rescission of bond funding for a previously allocated project, leave an estimated remaining of \$43 million that will be programmed on new SHOPP eligible projects.

CLIMATE CHANGE

The State of California has been proactive regarding climate change policy and legislation. Several bills and executive orders have been enacted that have established and require consideration of the state's climate goals to reduce GHG emissions and adapt the transportation system to be more resilient to climate impacts such as extreme weather events.

In accordance with Executive Order B-30-15 and the Sustainability provisions of SB1 2030 (e), Caltrans must consider climate change in all investment decisions. Caltrans addresses this by incorporating consideration of future climate conditions throughout the project development process.

Prior to project nomination, consideration of GHG reduction and adaptation to climate vulnerabilities occurs early in Corridor Plans and then the Transportation Planning and Scoping Sheet (TPSIS). Corridor plans are created by Caltrans and other agencies to analyze the overall transportation system and identify needs and improvement projects, which include climate change related elements. These elements can be incorporated into a project through the creation of a TPSIS, which identifies planning considerations such as those that impact climate change that should be used to inform the scope of the SHOPP project. Planners are asked to use available information regarding GHG emissions reduction plans and vulnerability assessments to inform project scope development.

Information is provided to practitioners in PID development⁴ via guidance and templates to include climate change considerations (GHG reduction and adaptation) to support a project's eligibility to be programmed in the 2020 SHOPP cycle. During PID development, Caltrans may utilize the FHWA Infrastructure Carbon Estimator Tool (ICE) to quantify lifecycle GHG emissions for some applicable SHOPP projects.

The California Environmental Quality Act requires consideration of climate change to be included in a project's environmental document. Caltrans includes analysis of GHG emissions and climate change adaptation for all projects within the prepared environmental document. Due to the general non-capacity increasing nature of SHOPP projects, operational GHG emissions are discussed qualitatively. Construction related emissions are typically estimated at the PA&ED phase and measures to reduce those emissions are required to be included for all projects. Caltrans uses available scientific information to analyze the vulnerability to better adapt transportation assets to future climate conditions such as fires, floods and sea level rise.

Caltrans, in coordination with state and federal agencies and research institutions, is near completion of Vulnerability Assessments⁵ within each local Caltrans District. These assessments focus on the SHS and will help identify vulnerabilities due to climate change impacts including precipitation, temperature, wildfire, storm surge, and sea level rise.

Caltrans considers the potential long-term impacts due to climate changes when evaluating design and/or alignment alternatives. SHOPP projects are incorporating more resilient designs for long-life projects in anticipation of increased future climate stressors.

Furthermore, implementation of climate change elements into asset management performance objectives will ensure consistent inclusion of risk-based climate concerns in multi-objective SHOPP projects. These actions will help Caltrans to reduce maintenance costs and will keep the SHS functioning effectively and efficiently.

⁴ Caltrans, PID Guidance, <https://dot.ca.gov/programs/transportation-planning>

⁵ Caltrans, Vulnerability Assessments, <https://dot.ca.gov/programs/transportation-planning/office-of-smart-mobility-climate-change/climate-change>

COMPLETE STREETS – MEETING THE NEEDS OF ALL MODES

The 2020 SHOPP will hold a \$42 million reservation to augment projects to include complete street elements as opportunities develop. Caltrans has implemented project level Complete Streets assessments during project scoping and is developing additional initiatives that will improve overall management of the SHOPP to better incorporate Complete Streets components. Caltrans is committed to making improvements in management of Complete Streets features on the SHS, including enhanced transparency and stakeholder engagement, especially in the most disadvantaged and low-income communities. Below are highlights that summarize some of the efforts:

- **Departmental Organization:** Caltrans policy on Complete Streets is to view all transportation improvements as opportunities to improve safety, access and mobility for all travelers in California. Caltrans is currently developing a Complete Streets program that will coordinate with all Districts and programs to ensure this policy is reflected in appropriate guidance and procedures. This program will include an asset manager responsible for establishing goals and performance targets for inclusion in asset management and SHOPP projects.
- **Guidance:** The current project initiation guidance requires that every SHOPP project is evaluated for the need and practicality of including bicycle, pedestrian and transit features. This evaluation is documented in the PID. Caltrans is evaluating its design guidance for consistency with external guidance that supports Complete Streets, such as bike and pedestrian guidance available through the American Association of State Highway and Transportation Officials (AASHTO), National Association of City Transportation Officials (NACTO), and Federal Highway Administration (FHWA). In addition, there is continued outreach and training to educate design engineers and transportation planners on bicycle, pedestrian and transit best practices.
- **Safety:** Caltrans has implemented pilot safety monitoring programs to identify high collision concentration locations specifically related to bicycle and pedestrian safety. These programs have resulted in many safety improvements being implemented.

- **Bicycle and Pedestrian Inventory:** Efforts to develop a complete and more comprehensive dataset of bicycle and pedestrian facilities is underway. The goal is to complete the effort and assess the inventory and condition of these assets for inclusion in the 2021 SHSMP. Establishing an inventory is a foundational building block for good asset management and leads to the ability to quantify the costs associated with addressing the needs. Caltrans is currently working with local partners and stakeholders to identify high priority needs on the transportation system that will be reflected in future SHOPP cycles.
- **SHOPP Structure Changes:** In 2017, as part of Asset Management implementation required in SB 486, Caltrans, in coordination with the Commission, fundamentally changed the way SHOPP funds are allocated. This change allows flexibility to make appropriate decisions to address all needs for a more comprehensive transportation solution. In addition, SHOPP funding decisions were transferred to local Districts for better understanding of local needs. Collectively these changes have provided more flexibility to incorporate bicycle, pedestrian and transit features in SHOPP projects.
- **Asset Management Tool Improvements:** Beginning with the 2018 SHOPP, Caltrans implemented new tools to track project level accomplishments included in SHOPP projects. This tool allows for project level improvements to be summarized across the SHOPP. The information included in this document summarizes Complete Streets improvements planned for the 2020 SHOPP. The 2020 SHOPP includes 378 projects (41 percent of all projects) that include one or more bicycle, pedestrian or transit focused features. Over 57 percent of projects have complete street features where bicycles and pedestrians are permitted, and the scope of the project is appropriate. Moreover, these percentages are increasing in later years of the SHOPP indicating a growing focus on Complete Streets in the SHOPP.
- **Table 5** provides a detailed breakdown of the Complete Streets features included in the 2020 SHOPP.

Table 5 - 2020 SHOPP Complete Streets Activities

Complete Streets Elements	Total Quantity	Units
Bicycle and Pedestrian Signage	197	Each
Bicycle Detection Loops	12	Each
Bicycle-Tolerable Drainage Grates	49	Each
Bicycle-Tolerable Rumble Strips	1,946,161	Linear Feet
Bike Boxes	20	Each
Bike Lane Gap Closure	245	Each
Bike Parking	30	Each
Bike/Pedestrian Path Gap Closure	19	Linear Miles
Bridge Access for Pedestrians and Bicyclists	46	Each
Bus Bay/Turnout/Pullout	41	Each
Class I Bike Paths	4	Linear Miles
Class II Bike Lane	330	Linear Miles
Class II Buffered Bike Lanes	1	Lane Miles
Class III Bike Routes	365	Linear Miles
Conflict Zone Green Paint	324	Each
Crossing Islands	23	Each
Curb Extensions/Bulb-outs	131	Each
Enhanced Crosswalk Visibility	1,363	Each
Install Accessible Pedestrian Signal	2,151	Each
Install Shade for Pedestrian Access	20	Each
Lane Narrowing	5	Linear Miles
Lane Reduction (Road Diet)	1	Linear Miles
LED Lighting	912	Each
Lower Pedestrian Push Button	310	Each
Modify Driveway	23,124	Linear Feet
New Pedestrian Refuge Islands	5	Each
New Transit Stops	7	Each
New, Widening or Paving Shoulders	766	Linear Miles
New/Modify Crosswalk	53,995	Linear Feet
Non-Motorized Overcrossing/Undercrossing for Accessibility	2	Each
Overpass/Underpass - Pedestrian and Bike	1	Each
Park and Ride Lots	3	Each
Pedestrian Access/Sidewalks	358	Each
Pedestrian Crossings	2,949	Each
Relocate Pedestrian Push-Button Posts	292	Each
Remove Obstructions	96	Each
Repair Existing or Install New Sidewalk	279,878	Linear Feet
Repair, Upgrade, or Install New Curb Ramp	7,943	Each
Re-Stripe Bikeways	51	Linear Miles
Roundabouts	43	Each
Shared-Lane Markings	2	Each
Transit Stop Improvements	171	Each
Upgrade/New Detectable Warning Surface	25,077	Square Feet
Vegetative Street Swales	5	Each

Projects where Complete Streets are not feasible include projects on facilities where bicycles and pedestrians are not permitted, or projects not on a roadway such as environmental mitigation projects, financial contribution projects, building/maintenance facility, and irrigation system projects. Projects listed in the table as “Scope Not Suitable” for Complete Streets include those where bicycles and pedestrians are permitted, but the scope of the project does not include Complete Streets elements, such as emergency projects, underground work, stormwater mitigation projects, and drainage projects. **Table 6** below summarizes 2020 SHOPP project counts that include Complete Streets (CS) elements, listed by fiscal year.

Table 6 - Complete Streets Projects by Fiscal Year

SHOPP- Complete Streets	2020-21	2021-22	2022-23	2023-24	Total
Total Projects	217	332	168	203	920
Feasible	140	240	111	167	658
CS Element Included	63	136	67	112	378
Scope Not Suitable	77	104	44	55	280
Not feasible	77	92	57	36	262
% of feasible	45%	57%	60%	67%	57%
% of all projects	29%	41%	40%	55%	41%

Table 7 summarizes 2020 SHOPP Complete Streets projects segregated between Carryover projects that were first proposed in the 2018 SHOPP from the new projects now included in the 2020 SHOPP.

Table 7 - Complete Streets Projects, New vs. Carryover

SHOPP- Complete Streets	Carryover	New	Total
Total Projects	598	322	920
Feasible	425	233	658
CS element included	233	145	378
Scope not suitable	192	88	280
Not feasible	173	89	262
% of feasible	55%	62%	57%
% of all projects	39%	45%	41%

LIFE CYCLE PLANNING

The continuing expansion of Asset Management implementation includes the development of tools to provide life-cycle planning capabilities for SHOPP projects. Project life cycle planning considers the expected treatment schedules of Caltrans' assets to guide long-term strategic decision making. The process includes identifying typical treatments for each of the primary asset classes and defining the expectations of a given typical treatment life in years. When paired with costs over time, the analysis helps determine the most cost-effective long-term actions.

Table 8 provides a listing of the common treatments that are utilized for pavement, bridges, culverts and TMS elements and their respective useful life ranges:

Table 8 -Core Asset Treatment Useful Life Estimates

Asset Classes	Treatment	Typical Treatment Life (Years)
Pavement		
	Thick Asphalt Overlay	5-10
	Full Depth Asphalt Replacement	20-40
	Full Depth Concrete Replacement	40-50
Bridges		
	Deck Overlay	15-30
	Deck Rehabilitation	20-30
	Replacement	60-80
	Rail Upgrade	30-50
	Scour Mitigation	30-50
	Seismic Mitigation	30-50
Culverts/Drainage		
	Culvert Lining	30-50
	Replacement	40-60
	Pump Replacement	30-50
Transportation Management System Elements		
	Replace Loop Detectors	8-10
	Replace Electrical Controllers	10-15
	Install Changeable Message Sign Panel	10-15
	Install New CCTV	8-12

RESERVATIONS

The 2020 SHOPP includes reservations that fund both Capital Outlay and COS that are based on historical expenditures for emergency repairs, safety projects, and other unforeseen immediate needs. These needs occur between programming cycles and these reservations allow Caltrans to bring the projects to the Commission for amendment into the SHOPP between bi-annual programming cycles.

The following funding reservations as shown in **Exhibit A**, are being held to provide funding to achieve anticipated future needs that will require action, but where specific projects have not yet been defined.

- **Major Damage Restoration:** Reservations are for unforeseen Major Damage Restoration (201.130) projects and Permanent Restoration (201.131) projects.
- **Collision Reduction:** Reservations are for Safety Improvement (201.010) projects.
- **Mandates:** Reservations are for Relinquishment (201.160) projects to transfer ownership of state highways primarily serving local jurisdictions to those local jurisdictions.
- **Roadside Preservation:** Reservations are for Surface Mining and Reclamation Act obligations.
- **Complete Streets:** A reservation is held to augment SHOPP projects to include additional bicycle and pedestrian improvements on the State Highway System as opportunities are identified.
- **Minor Program:** An annual reservation is held for the Minor program. The SHOPP Minor Program is an annual program to address short-term low-cost project needs. In developing their annual portfolio of minor projects, each Caltrans District sets priorities and selects projects appropriate to the region's needs.

REGIONAL TRANSPORTATION PLANNING AGENCY COORDINATION

In 2013, the Self-Help Counties Coalition suggested enhanced communication and coordination in the SHOPP program development process. Specifically, the focus was on earlier information regarding what SHOPP projects are being proposed, programmed, and ultimately delivered. Caltrans developed three specific action steps to enhance earlier communications, covering planning, programming and delivery. These steps are in addition to statutory requirements that direct Caltrans to provide the draft SHOPP to transportation agencies for an opportunity to review and comment.

- **Planning Process:** Caltrans will present the SHSMP to the RTPAs at an RTPA meeting so these stakeholders are aware of both the overall statewide needs and the estimated funding levels. Caltrans Districts will share their two-year PID work plan list of projects that will be candidates for the next SHOPP programming cycle. This is the opportunity to coordinate proposed SHOPP projects with regionally-funded projects in order to synchronize timeframes, maximize benefits, and minimize impacts to the traveling public.
- **Programming Process:** In the spring of odd years, Caltrans will present information to RTPAs concerning the timing and framework for development of the upcoming SHOPP. Districts should share with the regions which projects they will be submitting as candidate projects for the upcoming SHOPP. This is a second opportunity to coordinate and confer with local partners to synchronize timeframes, maximize benefits and minimize impacts to the traveling public. The Division of Transportation Programming will circulate the proposed four-year program of projects to the RTPAs for review and comment. In addition, the Programming Division Chief will present the proposed four-year program at the RTPA meeting. Comments received will be incorporated into the final SHOPP programming document.
- **Status Updates:** Districts will update the RTPA's on a quarterly or semi-annual basis on (1) the list and status of PID projects being developed as well as, (2) the status of funded SHOPP projects currently in delivery. At a minimum, Districts will provide a summary-level status of project delivery on all currently programmed SHOPP projects semiannually.

On January 27, 2020 the Proposed 2020 SHOPP project listing was provided to regional transportation partners for review and comment. Caltrans will further expand its SHOPP engagement efforts as it develops with subsequent SHSMP and SHOPP documents. Formal comments received regarding the draft 2020 SHOPP and Caltrans responses are provided in **EXHIBIT F: 2020 SHOPP Regional Transportation Planning Agency Comments**.

PROJECT LISTINGS

2020 SHOPP projects are listed by County in **EXHIBIT H**

Projects are sorted into the following nine categories for each county:

1. Major Damage Restoration
2. Collision Reduction
3. Mandates
4. Bridge Preservation
5. Roadway Preservation
6. Mobility
7. Roadside Preservation
8. Facilities
9. Multiple Objective

DESCRIPTION OF EXHIBITS

EXHIBIT A: 2020 SHOPP Funding Summary

EXHIBIT B: California Government Code section 14526.5

EXHIBIT C: Senate Bill 486

EXHIBIT D: Senate Bill 1

EXHIBIT E: Abbreviations and Acronyms

EXHIBIT F: 2020 SHOPP Regional Transportation Planning Agency Comments
Comments Received and Caltrans Responses

EXHIBIT G: Commission SHOPP Guidelines (June 2019)

EXHIBIT H: 2020 SHOPP County Listing of Projects

EXHIBIT I: 2020 SHOPP Long Lead Projects

List of projects Caltrans will begin environmental work now to deliver projects in subsequent SHOPP cycles.

EXHIBIT J: Pre-2020 SHOPP Projects

Projects allocated in prior SHOPP documents that have not achieved final acceptance.

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EXHIBIT A: 2020 SHOPP Funding Summary

**2020 State Highway Operation and Protection Program
Funding Summary for Fiscal Years 2020-21 through 2023-24*
(in Millions)**

Program Funding	2020-21	2021-22	2022-23	2023-24	Total
2020 Fund Estimate	\$4,400	\$4,300	\$4,100	\$4,000	\$16,800
ER Reimbursement	\$140	\$140	\$140	\$140	\$560
Programmed	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$630	\$601	\$1,842	\$1,380	\$4,453
Bridge	\$742	\$631	\$428	\$569	\$2,371
Culvert(s)	\$89	\$121	\$113	\$390	\$713
TMS	\$215	\$114	\$440	\$187	\$957
Supplementary Assets	\$171	\$285	\$201	\$351	\$1,009
Major Damage Restoration	\$407	\$412	\$74	\$0	\$894
Collision Reduction	\$558	\$985	\$236	\$376	\$2,155
Mandates	\$87	\$272	\$79	\$87	\$525
Mobility	\$31	\$264	\$71	\$109	\$475
Roadside Preservation	\$55	\$11	\$31	\$17	\$113
Protective Betterments	\$66	\$61	\$0	\$0	\$127
Multiple Objective	\$23	\$0	\$47	\$0	\$70
Subtotal	\$3,074	\$3,757	\$3,563	\$3,467	\$13,861
Reserved	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$0	\$0	\$0	\$0	\$0
Bridge	\$0	\$0	\$0	\$0	\$0
Culvert(s)	\$0	\$0	\$0	\$0	\$0
TMS	\$0	\$0	\$0	\$0	\$0
Supplementary Assets	\$0	\$0	\$0	\$0	\$0
Major Damage Restoration	\$633	\$240	\$240	\$240	\$1,353
Collision Reduction	\$460	\$159	\$175	\$170	\$965
Mandates	\$32	\$12	\$12	\$12	\$68
Mobility	\$0	\$0	\$0	\$0	\$0
Roadside Preservation	\$0	\$0	\$0	\$1	\$0
Protective Betterments	\$0	\$0	\$0	\$0	\$0
Multiple Objective	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,125	\$411	\$427	\$423	\$2,386

Programmed and Reserved	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$630	\$601	\$1,842	\$1,380	\$4,453
Bridge	\$742	\$631	\$428	\$569	\$2,371
Culvert(s)	\$89	\$121	\$113	\$390	\$713
TMS	\$215	\$114	\$440	\$187	\$957
Supplementary Assets	\$171	\$285	\$201	\$351	\$1,009
Major Damage Restoration	\$1,040	\$652	\$314	\$240	\$2,247
Collision Reduction	\$1,018	\$1,144	\$411	\$546	\$3,120
Mandates	\$119	\$284	\$91	\$99	\$593
Mobility	\$31	\$264	\$71	\$109	\$475
Roadside Preservation	\$55	\$11	\$31	\$18	\$113
Protective Betterments	\$66	\$61	\$0	\$0	\$127
Multiple Objective	\$23	\$0	\$47	\$0	\$70
Complete Streets Reservation	\$20	\$22	\$0	\$0	\$42
Minor Program Reservation	\$250	\$250	\$250	\$250	\$1,000
Long Lead (New)	\$71	\$0	\$0	\$0	\$71
Grand Total	\$4,540	\$4,440	\$4,240	\$4,140	\$17,360

* Excludes Proposition 1B bond funds.

Project totals reflect programmed amounts and not total project cost.

Note: The SHOPP is developed in thousands and rounded for this table.
Numbers may not add due to rounding.

[EXHIBIT B: California Government Code section 14526.5](#)

CHAPTER 2. Duties [14520 - 14534.1] (Chapter 2 added by Stats. 1977, Ch. 1106.)

14526.5. (a) Based on the asset management plan prepared and approved pursuant to Section 14526.4, the department shall prepare a state highway operation and protection program for the expenditure of transportation funds for major capital improvements that are necessary to preserve and protect the state highway system. Projects included in the program shall be limited to improvements relative to the maintenance, safety, operation, and rehabilitation of state highways and bridges that do not add a new traffic lane to the system.

(b) The program shall include projects that are expected to be advertised prior to July 1 of the year following submission of the program, but which have not yet been funded. The program shall include those projects for which construction is to begin within four fiscal years, starting July 1 of the year following the year the program is submitted.

(c) (1) The department, at a minimum, shall specify, for each project in the state highway operation and protection program, the capital and support budget, as applicable, for each of the following project phases:

(A) Project approval and environmental documents, support only.

(B) Plans, specifications, and estimates, support only.

(C) Rights-of-way.

(D) Construction.

(2) The department shall specify, for each project in the state highway operation and protection program, a projected delivery date for each of the following components:

(A) Project approval and environmental document completion.

(B) Plans, specifications, and estimates completion.

(C) Right-of-way certification.

(D) Start of construction.

(d) The department shall submit its proposed program to the commission not later than January 31 of each even-numbered year. Prior to submitting its proposed program, the department shall make a draft of its proposed program available to transportation planning agencies for review and comment and shall include the comments in its submittal to the commission. The department shall provide the commission with detailed information for all programmed projects on cost, scope, schedule, and performance metrics as determined by the commission.

(e) The commission shall review the proposed program relative to its overall adequacy, consistency with the asset management plan prepared and approved pursuant to Section 14526.4 and funding priorities established in Section 167 of the Streets and Highways Code, the level of annual funding needed to implement the program, and the impact of those expenditures on the state transportation improvement program. The commission shall adopt the program and submit it to the Legislature and the Governor not later than April 1 of each even-numbered year. The commission may decline to adopt the program if the commission determines that the program is not sufficiently consistent with the asset management plan prepared and approved pursuant to Section 14526.4.

(f) As part of the commission's review of the program required pursuant to subdivision (a), the commission shall hold at least one hearing in northern California and one hearing in southern California regarding the proposed program.

(g) On or after July 1, 2017, to provide sufficient and transparent oversight of the department's capital outlay support resources composed of both state staff and contractors, the commission shall be required to allocate the department's capital outlay support resources by project phase, including preconstruction. Through this action, the commission will provide public transparency for the department's budget estimates, increasing assurance that the annual budget forecast is reasonable. The commission shall develop guidelines, in consultation with the department, to implement this subdivision. Guidelines adopted by the commission to implement this subdivision shall be exempt from the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1).

(h) Beginning July 1, 2017, for a project that experiences increases in capital or support costs above the amounts in the commission's allocation pursuant to subdivision (g), the commission shall establish a threshold for requiring a supplemental project allocation. The commission's guidelines adopted pursuant to subdivision (g) shall also establish the threshold that the commission determines is necessary to ensure efficiency and may provide exceptions as necessary so that projects are not unnecessarily delayed.

(i) The department, for each project requiring a supplemental project allocation pursuant to subdivision (h), shall submit a request to the commission for its approval.

(j) Expenditures for these projects shall not be subject to Sections 188 and 188.8 of the Streets and Highways Code.

(Amended by Stats. 2017, Ch. 5, Sec. 6. (SB 1) Effective April 28, 2017.)

[EXHIBIT C: Senate Bill 486](#)

Senate Bill No. 486, CHAPTER 917

An act to amend Sections 14526 and 14526.5 of, to add Sections 14524.3, 14524.4, 14526.4, and 14526.6 to, and to repeal Section 14009 of, the Government Code, relating to transportation.

[Approved by Governor September 30, 2014. Filed with Secretary of State September 30, 2014.]

SB 486, DeSaulnier. Department of Transportation: goals and performance measures.

Existing law provides that the Department of Transportation shall have full possession and control of the state highway system and specifies the duties and responsibilities of the department on various other transportation matters. Existing law requires the department to prepare the interregional transportation improvement program which, along with the regional transportation improvement programs adopted by regional transportation agencies, becomes part of the state transportation improvement program and identifies most transportation capital improvements to be undertaken over a multiyear period with state and federal funds. Existing law also requires the department to separately prepare the state highway operation and protection program, which identifies capital projects limited to maintenance, safety, and rehabilitation work necessary to preserve and protect the state highway system. Existing law requires the Commission to, among other things, adopt the state transportation improvement program and approve the state highway operation and protection program, and further provides for the commission to allocate transportation capital funds to specific projects contained in the state transportation improvement program, but not the state highway operation and protection program, which is managed by the department.

This bill would authorize the commission to prescribe study areas for analysis and evaluation by the department and to establish guidelines for updates to the California Transportation Plan, commencing with the plan required to be updated by December 31, 2020. The bill would require the department, on or before June 30, 2015, to submit to the commission for approval an interregional transportation strategic plan directed at achieving a high functioning and balanced interregional transportation system.

The bill would revise the procedures for the development of the interregional transportation improvement program by requiring the department to submit a

draft 5-year interregional transportation improvement program to the commission by October 15 of each odd-numbered year. The bill would require projects included in the draft interregional transportation improvement program to be consistent with the interregional transportation strategic plan. The bill would require the commission to hold public hearings by November 15 of each odd-numbered year regarding the draft program and to attempt to reconcile any objections. The department would be required to consider the input received at the hearings and develop and submit a final interregional transportation improvement program to the commission for approval not later than December 15 of each odd-numbered year.

The bill would require the department, in consultation with the commission, to prepare a robust asset management plan to guide selection of projects for the state highway operation and protection, which plan would be subject to approval by the commission. The bill would require the department to specify, for each project in the program, a capital and support budget and projected delivery date for various components of the project. The bill would specifically authorize the commission to decline to adopt the program if it determines that the program is not sufficiently consistent with the asset management plan. This bill would require the department to report quarterly to the commission on the approved capital and support budgets compared to expenditures at contract construction acceptance for each major state highway operation and protection program project completed in the previous quarter.

Existing law requires the department, by June 30, 1994, to apply for federal funding to be used for conversion of data pertaining to the state highway system from paper storage to intelligent computer information, and to commence implementation of the conversion process within 6 months of receiving federal funding approval.

[EXHIBIT D: Senate Bill 1](#)

Senate Bill No. 1, CHAPTER 5

An act to amend Section 14526.5 of, to add Sections 14033, 14110, 14526.7, 14556.41, and 16321 to, to add Chapter 5 (commencing with Section 14460) to Part 5 of Division 3 of Title 2 of, to repeal Sections 63048.66, 63048.67, 63048.7, 63048.75, 63048.8, and 63048.85 of, and to repeal and add Section 63048.65 of, the Government Code, to add Section 43021 to the Health and Safety Code, to amend Section 99312.1 of, and to add Sections 99312.3, 99312.4, and 99314.9 to, the Public Utilities Code, to amend Sections 6051.8, 6201.8, 7360, 8352.4, 8352.5, 8352.6, and 60050 of, to add Sections 7361.2, 7653.2, 60050.2, and 60201.4 to, and to add Chapter 6 (commencing with Section 11050) to Part 5 of Division 2 of, the Revenue and Taxation Code, to amend Sections 2104, 2105, 2106, and 2107 of, to add Sections 2103.1 and 2192.4 to, to add Article 2.5 (commencing with Section 800) to Chapter 4 of Division 1 of, and to add Chapter 2 (commencing with Section 2030) and Chapter 8.5 (commencing with Section 2390) to Division 3 of, the Streets and Highways Code, and to amend Section 4156 of, and to add Sections 4000.15 and 9250.6 to, the Vehicle Code, relating to transportation, making an appropriation therefor, and declaring the urgency thereof, to take effect immediately.

[Approved by Governor April 28, 2017. Filed with Secretary of State April 28, 2017.]

SB 1, Beall. Transportation funding.

(1) Existing law provides various sources of funding for transportation purposes, including funding for the state highway system and the local street and road system. These funding sources include, among others, fuel excise taxes, commercial vehicle weight fees, local transactions and use taxes, and federal funds. Existing law imposes certain registration fees on vehicles, with revenues from these fees deposited in the Motor Vehicle Account and used to fund the Department of Motor Vehicles and the Department of the California Highway Patrol. Existing law provides for the monthly transfer of excess balances in the Motor Vehicle Account to the State Highway Account.

This bill would create the Road Maintenance and Rehabilitation Program to address deferred maintenance on the state highway system and the local street and road system. The bill would require the California Transportation Commission

to adopt performance criteria, consistent with a specified asset management plan, to ensure efficient use of certain funds available for the program. The bill would provide for the deposit of various funds for the program in the Road Maintenance and Rehabilitation Account, which the bill would create in the State Transportation Fund, including revenues attributable to a \$0.12 per gallon increase in the motor vehicle fuel (gasoline) tax imposed by the bill with an inflation adjustment, as provided, 50% of a \$0.20 per gallon increase in the diesel excise tax, with an inflation adjustment, as provided, a portion of a new transportation improvement fee imposed under the Vehicle License Fee Law with a varying fee between \$25 and \$175 based on vehicle value and with an inflation adjustment, as provided, and a new \$100 annual vehicle registration fee applicable only to zero-emission vehicles model year 2020 and later, with an inflation adjustment, as provided. The bill would provide that the fuel excise tax increases take effect on November 1, 2017, the transportation improvement fee takes effect on January 1, 2018, and the zero-emission vehicle registration fee takes effect on July 1, 2020.

This bill would annually set aside \$200,000,000 of the funds available for the program to fund road maintenance and rehabilitation purposes in counties that have sought and received voter approval of taxes or that have imposed fees, including uniform developer fees, as defined, which taxes or fees are dedicated solely to transportation improvements. These funds would be continuously appropriated for allocation pursuant to guidelines to be developed by the California Transportation Commission in consultation with local agencies. The bill would require \$100,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the Legislature, on the Active Transportation Program. The bill would require \$400,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the Legislature, on state highway bridge and culvert maintenance and rehabilitation. The bill would require \$5,000,000 of the funds available for the program that are not restricted by Article XIX of the California Constitution to be appropriated each fiscal year to the California Workforce Development Board to assist local agencies to implement policies to promote preapprenticeship training programs to carry out specified projects funded by the account. The bill would require \$25,000,000 of the funds available for the program to be annually transferred to the State Highway Account for expenditure on the freeway service patrol program. The bill would require \$25,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the

Legislature, on local planning grants. The bill would authorize annual appropriations of \$5,000,000 and \$2,000,000 of the funds available for the program to the University of California and the California State University, respectively, for the purpose of conducting transportation research and transportation-related workforce education, training, and development, as specified. The bill would require the remaining funds available for the program to be allocated 50% for maintenance of the state highway system or to the state highway operation and protection program and 50% to cities and counties pursuant to a specified formula. The bill would impose various requirements on the department and agencies receiving these funds. The bill would authorize a city or county to spend its apportionment of funds under the program on transportation priorities other than those allowable pursuant to the program if the city's or county's average Pavement Condition Index meets or exceeds 80.

(2) Existing law creates the Department of Transportation within the Transportation Agency.

This bill would create the Independent Office of Audits and Investigations within the department, with specified powers and duties. The bill would provide for the Governor to appoint the director of the office for a 6-year term, subject to confirmation by the Senate, and would provide that the director, who would be known as the Inspector General, may not be removed from office during the term except for good cause. The bill would specify the duties and responsibilities of the Inspector General with respect to the department and local agencies receiving state and federal transportation funds through the department, and would require an annual report to the Legislature and Governor.

This bill would require the department to update the Highway Design Manual to incorporate the Complete Streets design concept by January 1, 2018. The bill would require the department to develop a plan by January 1, 2020, to increase by up to 100% the dollar value of contracts awarded to small businesses, disadvantaged business enterprises, and disabled veteran business enterprises, as specified.

(3) Existing law provides for loans of revenues from various transportation funds and accounts to the General Fund, with various repayment dates specified.

This bill would identify the amount of outstanding loans from certain transportation funds as \$706,000,000. The bill would require the Department of Finance to

prepare a loan repayment schedule and would require the outstanding loans to be repaid pursuant to that schedule, as prescribed. The bill would appropriate funds for that purpose from the Budget Stabilization Account. The bill would require the repaid funds to be transferred, pursuant to a specified formula, to various state and local transportation purposes.

(4) The Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006 (Proposition 1B) created the Trade Corridors Improvement Fund and provided for allocation by the California Transportation Commission of \$2 billion in bond funds for infrastructure improvements on highway and rail corridors that have a high volume of freight movement and for specified categories of projects eligible to receive these funds.

This bill would deposit the revenues attributable to 50% of the \$0.20 per gallon increase in the diesel fuel excise tax imposed by the bill into the Trade Corridor Enhancement Account, to be expended on corridor-based freight projects nominated by local agencies and the state.

(5) Article XIX of the California Constitution requires gasoline excise tax revenues from motor vehicles traveling upon public streets and highways to be deposited in the Highway Users Tax Account, for allocation to city, county, and state transportation purposes. Existing law generally provides for statutory allocation of gasoline excise tax revenues attributable to other modes of transportation, including aviation, boats, agricultural vehicles, and off-highway vehicles, to particular accounts and funds for expenditure on purposes associated with those other modes, except that a specified portion of these gasoline excise tax revenues is deposited in the General Fund. Expenditure of the gasoline excise tax revenues attributable to those other modes is not restricted by Article XIX of the California Constitution.

This bill, commencing November 1, 2017, would transfer the gasoline excise tax revenues attributable to boats and off-highway vehicles from the new \$0.12 per gallon increase, and future inflation adjustments from that increase, to the State Parks and Recreation Fund, to be used for state parks, off-highway vehicle programs, or boating programs. The bill would allocate revenues from future inflation adjustments of the existing gasoline excise tax rate attributable to the nonhighway modes pursuant to existing law.

(6) Existing law, as of July 1, 2011, increases the sales and use tax on diesel and decreases the excise tax, as provided. Existing law requires the State Board of Equalization to annually modify both the gasoline and diesel excise tax rates on

a going-forward basis so that the various changes in the taxes imposed on gasoline and diesel are revenue neutral.

This bill would eliminate, effective July 1, 2019, the annual rate adjustment to maintain revenue neutrality for the gasoline and diesel excise tax rates and would reimpose on that date the higher gasoline excise tax rate that was in effect on July 1, 2010, in addition to the increase in the rate described in (1) above that becomes effective on November 1, 2017.

Existing law, beyond the sales and use tax rate generally applicable, imposes an additional sales and use tax on diesel fuel at the rate of 1.75%, subject to certain exemptions, and provides for the net revenues collected from the additional tax to be transferred to the Public Transportation Account. Existing law continuously appropriates these and other revenues in the account to the Controller for allocation by formula to transportation agencies for public transit purposes under the State Transit Assistance Program. Existing law provides for appropriation of other revenues in the account to the Department of Transportation for various other transportation purposes, including intercity rail purposes.

This bill would increase the additional sales and use tax rate on diesel fuel by an additional 4%. The bill would continuously appropriate revenues attributable to the 3.5% rate increase to the Controller for allocation to transportation agencies for public transit purposes under the State Transit Assistance Program. The bill would require the revenues attributable to the remaining 0.5% rate increase to be continuously appropriated to the Transportation Agency for intercity rail and commuter rail purposes.

The bill would also allocate portions of the revenue from the new transportation improvement fee to the State Transit Assistance Program and to the Transit and Intercity Rail Capital Program. The bill would restrict expenditures of the fee revenues made available to the State Transit Assistance Program to transit capital purposes and certain transit services, and would require a recipient transit agency to comply with various requirements, as specified.

(7) Existing law provides for the state to receive certain compact assets, as defined, from designated tribal compacts relative to Indian gaming, and authorized the compact assets to be sold by the Infrastructure and Economic Development Bank to a special purpose trust in order to generate state revenues. Existing law designated certain of these revenues to be used to repay certain loans of transportation funds that were made to the General Fund.

This bill would delete the references to the special purpose trust and revise payments to various transportation accounts to be made from compact assets. The bill would repeal various other related provisions.

(8) Existing law creates the Traffic Congestion Relief Program and identifies various specific projects eligible to receive funding.

This bill would deem the Traffic Congestion Relief Program to be complete and final as of June 30, 2017, and would provide that projects without approved applications are no longer eligible for funding.

(9) Existing law requires the Department of Transportation to prepare a state highway operation and protection program every other year for the expenditure of transportation capital improvement funds for projects that are necessary to preserve and protect the state highway system, excluding projects that add new traffic lanes. The program is required to be based on an asset management plan, as specified. Existing law requires the department to specify, for each project in the program the capital and support budget and projected delivery date for various components of the project. Existing law provides for the California Transportation Commission to review and adopt the program, and authorizes the commission to decline and adopt the program if it determines that the program is not sufficiently consistent with the asset management plan.

This bill would require the commission, as part of its review of the program, to hold at least one hearing in northern California and one hearing in southern California regarding the proposed program. The bill would require the department to submit any change to a programmed project as an amendment to the commission for its approval.

This bill, on and after July 1, 2017, would also require the commission to make an allocation of capital outlay support resources by project phase for each project in the program, and would require the department to submit a supplemental project allocation request to the commission for each project that experiences cost increases above the amounts in its allocation. The bill would require the commission to establish guidelines to provide exceptions to the requirement for a supplemental project allocation requirement that the commission determines are necessary to ensure that projects are not unnecessarily delayed.

(10) Existing law generally provides for transportation capital improvement projects to be nominated and programmed through the state highway operation and protection program, relative to state highway rehabilitation and similar projects, or through the state transportation improvement program, relative to capacity enhancements and other capital projects.

This bill would create the Solutions for Congested Corridors Program, with funding appropriated for the program from a portion of the new transportation improvement fee to be allocated by the California Transportation Commission to projects designed to achieve a balanced set of transportation, environmental, and community access improvements within highly congested travel corridors throughout the state and that are part of a comprehensive corridor plan. The bill would provide for regional transportation agencies and the Department of Transportation to nominate projects, with preference to be given to projects that demonstrate collaboration between the regional agencies and the department.

(11) The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of, an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. CEQA also requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment.

This bill would establish the Advance Mitigation Program in the Department of Transportation to enhance communications between the department and stakeholders to, among other things, protect natural resources and accelerate project delivery. The bill would require the department to set aside not less than \$30,000,000 annually for 4 years for the program from capital outlay revenues.

(12) Existing law imposes various limitations on emissions of air contaminants for the control of air pollution from vehicular and nonvehicular sources. Existing law generally designates the State Air Resources Board as the state agency with the primary responsibility for the control of vehicular air pollution.

This bill would prohibit, except as specified, the requiring of the retirement, replacement, retrofit, or repower of a self-propelled commercial motor vehicle

during a specified period. The bill would require the state board to, by January 1, 2025, evaluate the impact of these provisions on state and local clean air efforts to meet state and local clean air goals, as provided.

(13) Existing law prohibits a person from driving, moving, or leaving standing upon a highway any motor vehicle, as defined, that has been registered in violation of provisions regulating vehicle emissions.

This bill, effective January 1, 2020, would require the Department of Motor Vehicles to confirm, prior to the initial registration or the transfer of ownership and registration of a diesel-fueled vehicle with a gross vehicle weight rating of more than 14,000 pounds, that the vehicle is compliant with, or exempt from, applicable air pollution control technology requirements, pursuant to specified provisions. The bill would require the department to refuse registration, or renewal or transfer of registration, for certain diesel-fueled vehicles, based on weight and model year, that are subject to specified provisions relating to the reduction of emissions of diesel particulate matter, oxides of nitrogen, and other criteria pollutants from in-use diesel-fueled vehicles. The bill would authorize the department to allow registration, or renewal or transfer of registration, for any diesel-fueled vehicle that has been reported to the State Air Resources Board, and is using an approved exemption, or is compliant with applicable air pollution control technology requirements, pursuant to specified provisions.

Existing law authorizes the department, in its discretion, to issue a temporary permit to operate a vehicle when a payment of fees has been accepted in an amount to be determined by the department and paid to the department by the owner or other person in lawful possession of the vehicle.

This bill would additionally authorize the department to issue a temporary permit to operate a vehicle for which registration is otherwise required to be refused under the provisions of the bill, as prescribed.

(14) The bill would enact other related provisions.

(15) This bill would declare that it is to take effect immediately as an urgency statute.

EXHIBIT E: Abbreviations and Acronyms

AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
Commission	California Transportation Commission
COS	Capital Outlay Support
CS	Complete Streets
FHWA	Federal Highway Administration
FTF	Federal Highway Trust Fund
Fund Estimate	State Transportation Improvement Program Fund Estimate
GHG	Greenhouse Gas
ICE	FHWA Infrastructure Carbon Estimator Tool
LED	Light Emitting Diode
MAP-21	Moving Ahead for Progress in the 21 st Century
NACTO	National Association of City Transportation Officials
NEPA	National Environmental Protection Act
NHS	National Highway System
PA&ED	Project Approval and Environmental Document
PID	Project Initiation Document
Proposition 1B	Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006
PS&E	Plans, Specifications, and Estimate
RMRA	Road Maintenance and Rehabilitation Account
RTPA	Regional Transportation Planning Agency
R/W	Right-of-Way
SB 1	Senate Bill 1 (2017)
SB 486	Senate Bill 486 (2014)
SHA	State Highway Account
SHOPP	State Highway Operation and Protection Program
SHS	State Highway System
SHSMP	State Highway System Management Plan
STIP	State Transportation Improvement Program
TAMP	Transportation Asset Management Plan
TMS	Transportation Management System
TPSIS	Transportation Planning and Scoping Sheet

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[EXHIBIT F: 2020 SHOPP Regional Transportation Planning Agency Comments](#)

AGENCY COMMENTING	PAGE NUMBER
Assembly California Legislature, District 9	F - 1
City of Calimesa	F - 4
City of Elk Grove	F - 6
City of Sacramento	F - 9
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Kern Council of Governments	F - 12
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STATE CAPITOL
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SACRAMENTO, CA 94249-0009
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FAX (916) 319-2109
DISTRICT OFFICE
9250 LAGUNA SPRINGS DRIVE, SUITE 220
ELK GROVE, CA 95758
(916) 670-7888
FAX (916) 670-7893

Assembly
California Legislature



JIM COOPER
CHAIR: BUDGET SUBCOMMITTEE NO. 4 ON STATE ADMINISTRATION
ASSEMBLYMEMBER, NINTH DISTRICT

COMMITTEES
BUDGET
GOVERNMENTAL ORGANIZATION
INSURANCE
PUBLIC EMPLOYEES, RETIREMENT, AND
SOCIAL SECURITY

SELECT COMMITTEES
CHAIR: COMMUNITY AND LAW
ENFORCEMENT RELATIONS AND
RESPONSIBILITIES

February 27, 2020

Toks Omishakin, Director
California Department of Transportation
1120 N Street
MS 49
Sacramento, CA 95814

RE: 2020 Draft SHOPP Project List – Support of Project ID 0316000193, (EA03-1H630)

Dear Mr. Omishakin,

As you are aware, Highway 99 in the Sacramento area is experiencing significant congestion and related safety issues that will only increase with time as the City of Elk Grove and the surrounding areas continue to grow. Your staff recognized this need when they completed a Project Study Report (PSR) that calls for the construction of five auxiliary lanes on Highway 99 between Cosumnes River Boulevard and Elk Grove Boulevard.

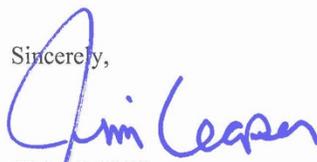
The Draft 2020 State Highway Operations and Protection Program (SHOPP) includes \$23.03M to fund the design and construction of two of these auxiliary lane projects:

1. Cosumnes River Boulevard to Sheldon Road (southbound)
2. Bond Road to Elk Grove Boulevard (southbound)

These projects would improve safety and reduce congestion on State Route 99. The auxiliary lanes also benefit two jurisdictions, the City of Elk Grove as well as the City of Sacramento. Therefore, I am strongly urging your support for including these projects in the final 2020 SHOPP.

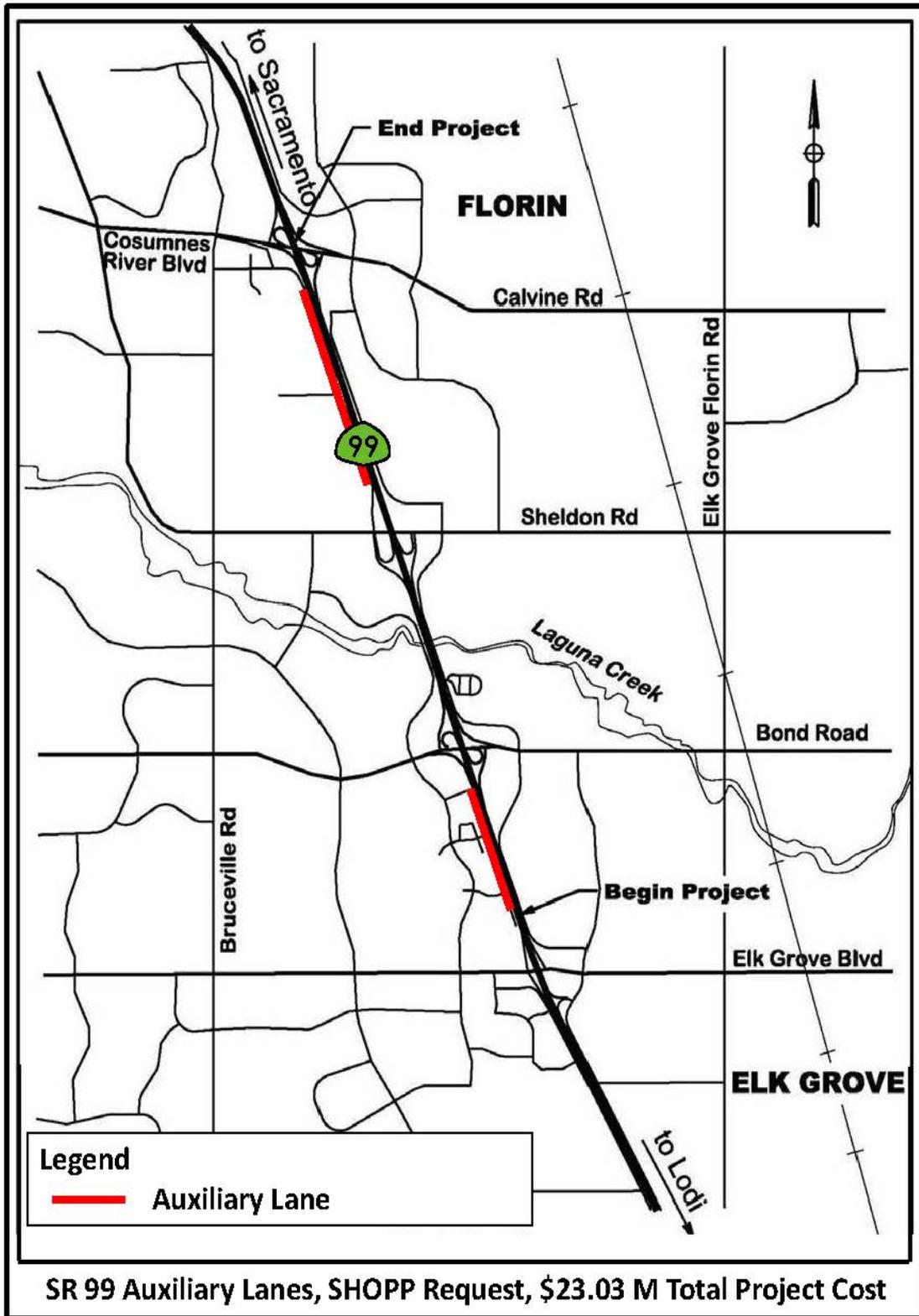
If you have any questions, please contact me at (916) 319-2009. Thank you for your consideration.

Sincerely,


JIM COOPER
Assemblymember, 9th District



Printed on Recycled Paper



Caltrans response to the Assemblymember Jim Cooper, California Legislature:

Thank you for your support of State Highway Operation and Protection Program (SHOPP) Project ID 0316000193 (EA 03-1H630) currently included as part of the Proposed 2020 SHOPP. Caltrans staff look forward to working with you in the future in developing additional means to improve transportation along the Route 99 corridor.



City of Calimesa

March 5, 2020

Ms. Donna Berry
Office Chief, State Highway Operations and Protection Program
California Department of Transportation
1120 N Street
Sacramento, Ca. 95814

Subject: Comments on the Draft 2020 State Highway Operations and Protection Program (SHOPP) Project List

Dear Ms. Berry:

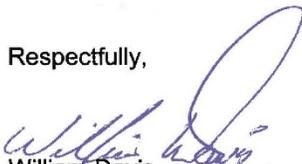
Thank you for the opportunity to comment on the California Department of Transportation's (Caltrans') Draft 2020 SHOPP Project List.

The City of Calimesa is located in Riverside County and, thus, is very pleased to see over one billion dollars in the Draft 2020 SHOPP Project List proposed to be spent on projects in Riverside County. However, the City of Calimesa is concerned that there is a project gap on Interstate 10 between County Line Road and Highland Springs Road. This gap is inclusive of, but not limited to, the entire length of Interstate 10 through Calimesa.

The Calimesa City Council has a unanimous concern regarding the omission from the Draft SHOPP of Interstate 10 through Calimesa and would request this stretch of freeway be incorporated into the SHOPP planning process.

Thank you for your consideration in this matter.

Respectfully,



William Davis
Mayor

908 Park Avenue • Calimesa California 92320 • (909) 795-9801

Caltrans Response to the City of Calimesa:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. The Department of Transportation (Caltrans) appreciates the city of Calimesa's acknowledgment of Caltrans' significant investment in the county of Riverside in striving to achieve asset performance improvements as legislated in Senate Bill 1.

The development of the SHOPP is guided by the asset condition performance targets set forth in the State Highway System Management Plan (SHSMP) which are further based on objective analysis to focus investment on measured condition and performance objectives. Balancing the investment based on the measured conditions and the available funding between the multiple asset classes often requires staggering target improvements through different SHOPP cycles. Guided by the severity of the measured conditions and the funding constraints, there is currently no scheduled improvement projects in the Proposed 2020 SHOPP between County Line Road and Highland Springs Avenue on Route 10. The District understands the concern of the Calimesa City Council and is currently evaluating the SHSMP asset condition performance targets and the associated improvement needs between these limits. All identified performance needs to be consistent with the SHSMP targets and will be prioritized to be considered in the development of the 2022 SHOPP.

Caltrans appreciates the city of Calimesa's ongoing partnership and the investment in California transportation infrastructure. We look forward to collaborating on furthering the Caltrans mission to provide a safe, sustainable, integrated and efficient transportation system to enhance the regions and California's economy and livability.



STEVE LY
MAYOR

STEVEN M. DETRICK
VICE MAYOR

DARREN G. SUEN
COUNCIL MEMBER

PATRICK HUME
COUNCIL MEMBER

STEPHANIE NGUYEN
COUNCIL MEMBER

8401 LAGUNA PALMS WAY • ELK GROVE, CALIFORNIA 95758
TEL: 916.683.7111 • FAX: 916.627.4201 • www.elkgrovecity.org

February 24, 2020

Toks Omishakin, Director
California Department Transportation
1120 N Street
MS 49
Sacramento, CA 95814

**Subject: 2020 Draft State Highway Operations and Protection Program
(SHOPP_ Project List – Support of Project ID 0316000193 (EA03-1H630))**

Dear Mr. Omishakin:

As Mayor of the City of Elk Grove, I write in strong support of Project ID 0316000193 (EA03-1H630), that is included in the Draft 2020 State Highway Operations and Protection Program (SHOPP).

As you are aware, Highway 99 in the Sacramento area is experiencing significant congestion and related safety issues that will only increase with time, as the City of Elk Grove and the surrounding areas continue to grow. Your staff recognized this need when they completed a Project Study Report (PSR) that calls for the construction of five auxiliary lanes on Highway 99 between Cosumnes River Boulevard and Elk Grove Boulevard.

The Draft 2020 SHOPP includes \$23.03M to fund the design and construction for two of these auxiliary lane projects:

Cosumnes River Boulevard to Sheldon Road (southbound)
Bond Road to Elk Grove Boulevard (southbound)

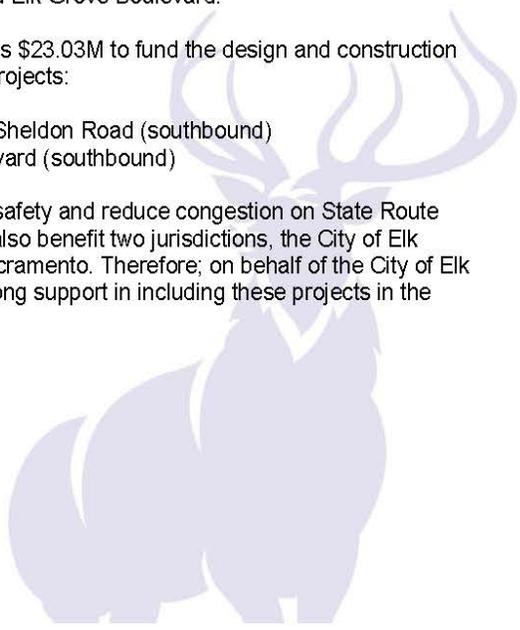
These projects would improve safety and reduce congestion on State Route 99. The auxiliary lanes would also benefit two jurisdictions, the City of Elk Grove as well as the City of Sacramento. Therefore, on behalf of the City of Elk Grove, I am asking for your strong support in including these projects in the final 2020 SHOPP.

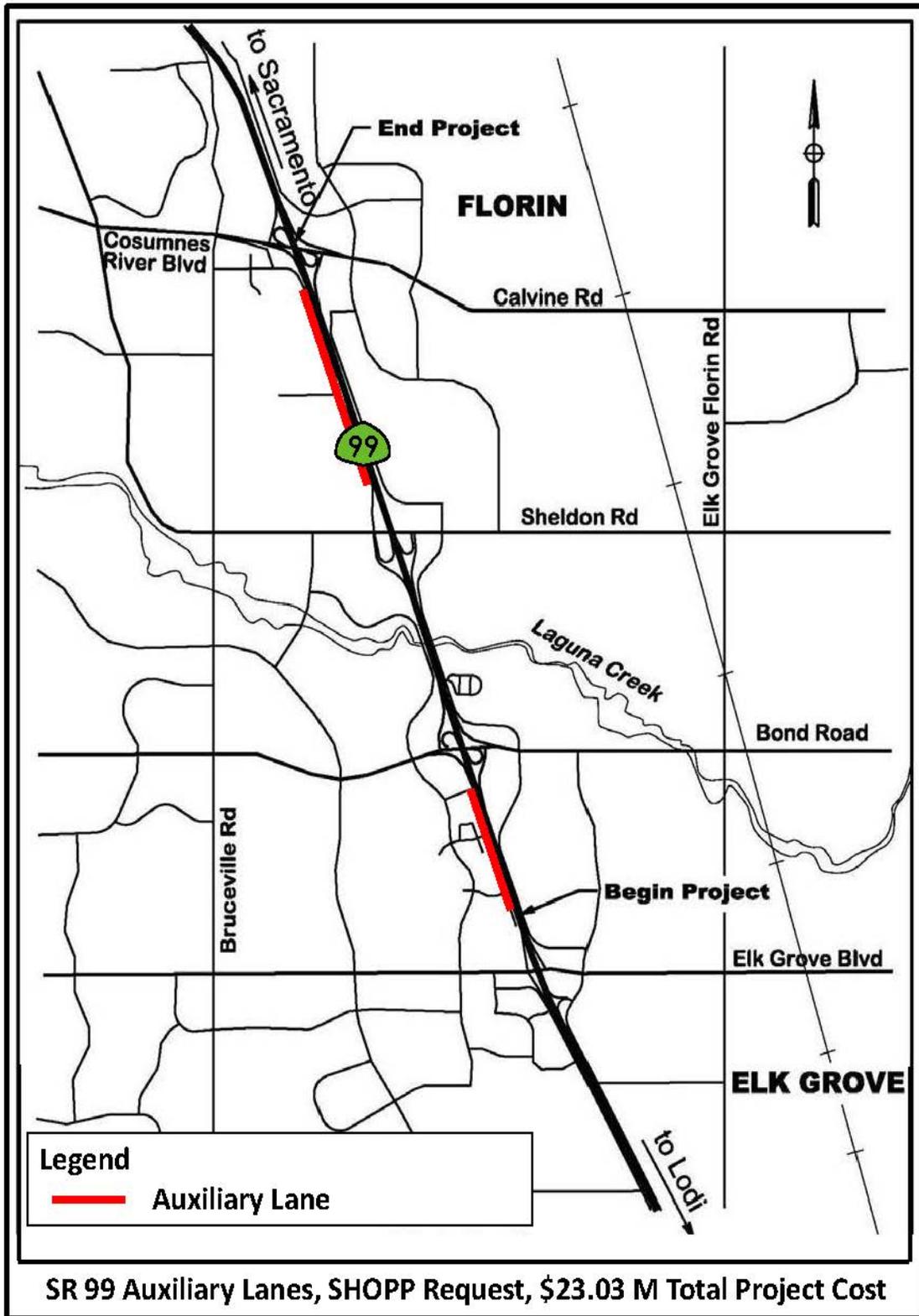
Sincerely,

A handwritten signature in blue ink that reads "Steve Ly".

MAYOR
CITY OF ELK GROVE

Attachment





Caltrans Response to Mayor Steve Ly, City of Elk Grove:

Thank you for your support of State Highway Operation and Protection Program (SHOPP) Project ID 0316000193 (03-1H630) currently included as part of the Proposed 2020 SHOPP. Caltrans staff look forward to working with you in the future in developing additional means to improve transportation along the Route 99 corridor.

Comments submitted by:

Jesse Gothan

City of Sacramento

2020 State Highway Operation and Protection Program Public Comments

The city of Sacramento supports the auxiliary lanes proposed in the draft 2020 SHOPP with Proj. ID 0316000193 (EA 03- 1H630). One of these auxiliary lanes from Cosumnes River Boulevard to Sheldon Road is within the Sacramento city limits. The project provides operational and safety benefits.

The city of Sacramento supports improved pedestrian and bicycle safety improvements to safely integrate and convey active modes of traffic through SR 99 interchanges with major arterials such as Cosumnes River Boulevard, Mack Road and Florin Road. This includes closing sidewalk gaps, providing comfortable bike lanes, and improving safety for all modes at on and off ramp access locations.

Caltrans Response to the City of Sacramento:

Thank you for your support of State Highway Operation and Protection Program (SHOPP) Project ID 0316000193 (EA 03-1H630) currently included as part of the Proposed 2020 SHOPP. Caltrans staff look forward to working with you in the future in developing additional means to improve transportation along the Route 99 corridor, including improved safety and mobility of all modes of transportation such as bicycles and pedestrians within the corridor and its ramp access locations.



**INYO COUNTY
LOCAL TRANSPORTATION COMMISSION**

P.O. DRAWER Q
INDEPENDENCE, CA 93526
PHONE: (760) 878-0201
FAX: (760) 878-2001



Michael Errante
Executive Director

February 27, 2020

Fran Inman, Chair
California Transportation Commission
1120 N Street, Mail Station 52
Sacramento, CA 95814

Subject: Caltrans Proposed 2020 SHOPP – District 9 Projects

Dear Ms. Inman :

The Inyo County Local Transportation Commission (ICLTC) at their February 19th, 2020 meeting reviewed the Proposed 2020 SHOPP as it relates to Inyo County. The ICLTC directed me to submit a letter with their wholehearted support of the projects as proposed for District 9 and to ask your Commission to fully fund these projects. A predominant amount of the proposed work is on US395 which is the lifeline of our communities both northbound and southbound. The ICLTC supports the TAMP and the 2019 SHSMP as an equitable way to prioritize Caltrans projects. We look forward to learning and fully engaging in the SHOPP development process. We would ask that your Commission continue to support the critical infrastructure that is so vital to our tourist based economy.

Thank you for your consideration and making it possible to comment in this process. If you have any questions regarding this request, please don't hesitate to contact me.

Sincerely,


John Pinckney
Transportation Planner
Inyo County Local Transportation Commission

Cc: Brent Green, Director, Caltrans District 9

Caltrans Response to the Inyo County Local Transportation Commission (ICLTC):

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Caltrans welcomes the partnership with ICLTC to deliver transportation improvements and values feedback in Caltrans' efforts to protect, preserve and rehabilitate State Highway System infrastructure to meet safety, emergency, mandates, and fix-it-first needs in Inyo County.



February 25, 2020

Bruce De Terra, Chief
Division of Transportation Programming
Attention: Office of STIP
Department of Transportation
Mail Station 82 P.O. Box 942874
Sacramento, CA 94274-0001

RE: Comments on the Draft 2020 SHOPP Released January 31, 2020

Dear Mr. De Terra:

Thank you for the opportunity to comment on the Draft 2020 State Highway Operation and Protection Program. We have reviewed your document and have comments about several key highway corridors located at the central crossroads of the state. We have general comments in addition to project specific comments. We have shared this information with our Transportation Technical Advisory Committee representatives to glean additional comments from our region. We have organized project specific comments into an attached table. However, we have some general observations and concerns listed below.

- Opportunities exist to **add more bike and pedestrian facilities** to rehabilitation projects in the Kern region.
- **In Districts 6 & 9**, 13 out of 61 SHOPP projects, more than **1 in 5 projects have support costs that are more than the construction cost (see table 3)**.
- **Statewide support costs on curb ramps** average 47% at \$77k per ramp while construction averages over \$90k per ramp, where the private sector going rate is around \$5k per ramp to construct (18 times the going rate). At \$77k per ramp in support costs, that provides a minimum **312 support hours PER RAMP**, even more if support is provided by lower paid planners and administrative support staff.
- **7 curb ramps** in Bakersfield at H Street cost around \$660k per ramp to construct (the 4th highest in the Draft 2020 SHOPP, 132 times the going rate). The project has \$2.9M in support costs for a total project cost of \$4.6M. 63% of the project is support at \$414k per ramp. That is a minimum **1,657 support hours PER RAMP** at \$250/hour.
- **15 curb ramps** in Inyo County cost around \$1.7M per ramp to construct (the highest in the Draft 2020 SHOPP, 340 times the going rate). The project has \$8.7M in support costs for total project cost of \$25.0M. 35% of the project is

support at \$582k per ramp. That is a minimum **2,328 support hours PER RAMP** at \$250/hour. (The project includes some driveways, and bike access that may be escalating these costs, but the project outputs, lack information to analyze further).

- **Safety Collision Avoidance projects** in Fresno, Kings, Kern and Tulare have **support costs averages ranging from 46% to 54%** per County.
- **If all Kern SHOPP project support costs were capped at 25%**, that would **free up \$40M in Kern** for another project.
- **If project support costs were capped at 33%**, that would **free up \$34M in Kern** for another project.
- **Savings in Caltrans Districts 6 & 9 would be \$120M to \$107M** if support costs were capped at 25% to 33% respectively.
- **Projects** like SR 58 Truck Climbing lanes and SR 99 Auxiliary Lanes **that have completed PSRs should be made priority** for SHOPP funding and not placed in the program as a Long Lead project without funding.

SB1 has a target for road conditions to be 98% good or fair by 2027, the high percentage of support costs (environmental, design, etc.) for SHOPP projects threaten the attainment of this target. Highway operations and protection (maintenance) projects are predominantly within existing right-of-way and are safety related, eligible for environmental exemptions and stream lined review. These types of projects should NOT take up 1/3rd of the cost of the project. Doing so puts the SB1 target at risk and breaks the promises made to the people under SB1 and when Prop 6 was voted down in 2018.

We have 14 project-specific comments in the attached table for your consideration. Please contact me if you have any questions.

Sincerely,



Ahron Hakimi,
Executive Director

cc: Shari Bender-Ehlert, Caltrans District 6 Director
Brent Green, Caltrans District 9 Director

Enclosures Table 1 - Kern COG Project-Specific Comments on Draft 2020 SHOPP
Table 2 – ADA Curb Ramp Projects - Draft 2020 SHOPP
Table 3 – Districts 6 & 9 Project Listings Cap Analysis - Draft 2020 SHOPP

Table 1 - Kern COG Project-Specific Comments on Draft 2020 SHOPP

Dist-Co-Rte-Ci	Project ID	Total Cost	Program	KCOG Comment
09-Kern-14-near Mojave	0918000036	\$47,558,000	Long Lead (LL)	Include a shoulder median barrier in the project scope. 3 rd priority for funding with savings from capped support costs
06-Kern-33-near McKittrick	0619000010	\$22,570,000	Capital Preventive Maintenance	Add shoulders from Lerdo Highway to SR 46 for bicyclists.
06-Kern-43-Wasco	0618000131	\$10,100,000	Safety Improvements (SI)	Include 2 lanes in each direction with shoulders and bike lanes. ATPlan requires shoulders and bike lanes on SR 43 from Lerdo Highway all the way to SR 46. Support costs are 50%. Reduce support costs and use savings to fund LL project in Kern.
09-Kern-58-near Tehachapi	0919000006	\$165,515,000	LL	1 st priority for funding with savings from capped support costs. Integrate truck climbing lanes/safety curve re-alignment into this project. District 9 has just updated a 2005 PSR for this project. This project address truck volumes on the extension of I-40 over Tehachapi Pass that are 25% higher than I-80 Donner Pass.
06-Kern-99-Bakersfield	0618000059	\$68,290,000	LL	2 nd priority for funding with savings from capped support costs.
06-Kern-178-near Bakersfield	0618000083	\$5,616,000	SI	This project needs shoulders for bikes and pedestrians in Lake Isabella
06-Kern-204-Bakersfield	0617000297	\$4,275,000	SI	The project is 59% support. Why are the pre-construction and support costs so high? Reduce support costs and use savings to fund LL project in Kern.
06-Fresno-Var-Kern	0617000152	\$7,480,000	Transportation System Management	There is a lack of Kern cameras on 58 and 99.
06-Kern-58-Bakersfield	0615000003	4,620,000	Americans with Disabilities Act (ADA)	The project is 63% support. Upgrades 7 curb ramps at \$660k per ramp. Reduce support costs and use savings to fund LL project in Kern.
06-Kern-119-near Taft	0618000129	5,221,000	SI	The project is 66% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.
06-Kern-202-near Tehachapi	0916000016	5,044,000	SI	The project is 57% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.
06-Kern-204-Bakersfield	0617000096	10,728,000	ADA	This project is 55% support for 80 curb ramps. Reduce support costs and use savings to fund LL project in Kern.
06-Kern-33-near Taft	0618000043	11,430,000	Drainage System Restoration.	This project is 55% support for 44 existing culverts. Reduce support costs and use savings to fund LL project in Kern.
09-Kern-Tehachapi	0916000032	16,638,000	Maintenance Facility	Request plan be modified to eliminate crew quarters since the facility is next to a reasonably priced hotel reducing overall long term maintenance costs. Use savings to fund LL project in Kern.

Table 2 – ADA Curb Ramp Projects - Draft 2020 SHOPP

Dist_Co	Support	Total	ramps	% Support	Sup/ramp	Tot/ramp
9 Iny	8730	25009	15	35%	582	1667
9 Mon	9166	23635	26	39%	353	909
4 Ala	2635	5315	6	50%	439	886
6 Ker	2930	4620	7	63%	419	660
4 Mar	2120	4484	8	47%	265	561
10 Cal	7281	16640	32	44%	228	520
10 San J	2608	5153	11	51%	237	468
8 Riv	3858	5558	14	69%	276	397
5 Sant B	7443	11070	28	67%	266	395
5 Mon	3462	5117	13	68%	266	394
11 San	8702	33365	91	26%	96	367
5 Mon	1737	2776	8	63%	217	347
10 Cal	6616	10194	30	65%	221	340
4 Son	2385	5878	18	41%	133	327
1 Hum	4112	8797	27	47%	152	326
4 Ala	985	6095	22	16%	45	277
7 LA	9116	18204	66	50%	138	276
12 Ora	9814	14844	57	66%	172	260
4 Ala	2695	7907	31	34%	87	255
8 Riv	2683	5071	20	53%	134	254
7 LA	2300	4661	20	49%	115	233
9 Iny	2653	3393	16	78%	166	212
4 San M	6220	16184	82	38%	76	197
7 LA	7814	14569	76	54%	103	192
10 Stan	3461	6399	36	54%	96	178
11 San	2991	4935	28	61%	107	176
11 San	2019	3151	18	64%	112	175
11 San	3992	7102	49	56%	81	145
6 Ker	5891	10728	80	55%	74	134
7 LA	2708	9508	71	28%	38	134
8 Riv	7476	16248	130	46%	58	125
7 LA	5923	11675	95	51%	62	123
8 Riv	2806	4724	39	59%	72	121
10 Mer	4058	8527	72	48%	56	118
7 LA	3600	8213	70	44%	51	117
7 LA	11700	18481	170	63%	69	109
7 LA	7900	26428	252	30%	31	105
4 Nap	846	1915	19	44%	45	101
7 Ven	1924	3179	33	61%	58	96
7 Ven	3008	8113	134	37%	22	61
4 Ala	1188	3099	91	38%	13	34
3 Nev	956	2766	86	35%	11	32
	164931	350667	2135	47%	77	164
		185736	86.99578			2135

Districts 6 & 9 Project Listings Cap Analysis - Draft 2020 SHOPP

DRAFT 2020 SHOPP - Districts 6 & 9				(in millions)		(in millions)						(in millions)			
id	Dist.	Category	Description	Support	%Support	Total	25% cap	33% cap	Outcome	type	cost/outcome	Program	Good	Fair	Poor
FRESNO															
1	6	Collision Reduction	41 near Easton rumble strips	1.620	55%	2.930	0.733	0.733	11.0	collisions reduced	3.75	safety			
2	6		145 near Kerman, rumble strips	2.360	41%	5.780	1.445	1.445	23.0	collisions reduced	3.98	safety			
3	6		41 Fresno, MVPullouts, irrigation	4.136	38%	10.776	2.694	2.694	6.0	locations		maintenance			
4	6	Bridge Preservation	3 Fresno canal bridges, 58 Kern canal bridge	2.570	52%	4.982	1.246	1.246	4.0	locations		bridge maint.		7438	9063
5	6		33 Firebaugh	6.601	34%	19.361	4.840	4.840	6.8	lane miles	0.35	Road rehab		1.5	5.4
6	6		99 Fresno	76.300	21%	367.300	76.300	76.300	18.9	lane miles	0.05	Road rehab	2.2	16.7	
7	6		5 near Mendota	8.510	19%	44.710	8.510	8.510	46.3	lane miles	1.04	Pav Rehab	38.2	8.1	
8	6		5 near Los Banos	4.740	23%	20.750	4.740	4.740	24.2	lane miles	1.17	Pav Rehab	12.1	12.1	
9	6		145 near Helm	3.810	32%	12.050	3.013	3.810	12.3	lane miles	1.02	Pav rehab	0.8	11.5	
10	6		198 Fresno County	9.000	37%	24.560	6.140	6.140	102.0	culverts		Drainage Sys Restoration			9900
11	6	Mobility	41 near Fresno Aux. lane, offramp	8.250	36%	22.957	5.739	5.739	163.0	DVHD		Op Improv.			
12	6		Fresno, Kern, Kings, Madera, Tulare	2.910	39%	7.480	1.870	1.870	69.0	field elements		TMS			100%
13	6		41 Fresno	4.384	21%	20.424	4.384	4.384	89.0	field elements		TMS			
14	6	Roadside Preservation	99 Fresno	3.801	22%	16.921	3.801	3.801	57.0	acres		Hwy Planting Restoration			
15	6		168 Fresno/Clovis	0.898	38%	2.349	0.587	0.587	30.0	acres		Hwy Planting Restoration			
16	6	Facilities	99 Fresno	4.460	27%	16.370	4.093	4.460	2.0	locations		Maint Facilities			9136
				144.350	24%	599.700	130.134	131.299							
				99.961	22%	464.171			108.5	lane miles	0.23		53.3	49.9	5.4
				3.980	46%	8.710			34.0	collisions reduced	3.90				
						savings:	14.216	13.051							
KERN															
17	6	Collision Reduction	43 Wasco - 46 Roundabout	5.100	50%	10.100	2.525	2.525	26.0	collisions reduced	2.57	Safety			
18	6		119 Taft - Garner Field Rd to Ash St, Left Turn Lane	3.433	66%	5.221	1.305	1.305	18.0	collisions reduced	3.45	Safety			
19	6	Collision Avoidance	178/223 near Bakersfield - rumble strips; Miramonte-Kelso Valley Rd; Vinland-Comanche	2.507	45%	5.616	1.404	1.404	26.0	collisions reduced	4.63	Safety			
20	6		204 Bakersfield - 8th St. HAWK cross walk	2.515	59%	4.275	1.069	1.069	6.0	collisions reduced	1.40	Safety			
21	9		14/178/202/395 Kern, Mono, Inyo, San Berdu - guardrails	1.730	38%	4.562	1.141	1.141	4.0	col. severity reduced		Safety			
22	9		202 near Tehachapi - Cummings Valley Rd Left turn In.	2.851	57%	5.044	1.261	1.261	3.0	col. severity reduced		Collision Severity Reduction			
23	6	Mandates	58 Bakersfield - H St - ADA curb ramps	2.930	63%	4.620	1.155	1.155	7.0	curb ramps		ADA ramps			7
24	6		204/58 Bakersfield - ADA samp/s/signals	5.891	55%	10.728	2.682	2.682	80.0	curb ramps		ADA ramps			78
25	6	Bridge Presv.	166 near Mettler - CA Aqueduct	12.945	29%	44.045	11.011	12.945	1.0	bridge		Bridge Mjr Rehab		16544	
26	6	Road Presv.	99 Bakersfield - Brundage to Beardsley Canal, Landscape for Road Rehab	3.720	36%	10.340	2.585	2.585	0.0	lane miles	0.00	Road Rehab			
27	6		119 near Bakersfield - Ashe to 99 rehab, bike lanes	16.600	29%	57.300	14.325	16.600	10.0	lane miles	0.17	Road Rehab		8.5	1.5
28	6		155 Delano - Fremont to Browning - Rehab, shoulders	6.340	38%	16.740	4.185	4.185	2.6	lane miles	0.16	Road Rehab 3R		2.6	
29	6		184 near Bakersfield - Dunsmere to Breckenridge rubberized hot mix pavement, bike lanes, ADA	11.025	36%	30.995	7.749	7.749	21.6	lane miles	0.70	Road Rehab 3R	8	12.7	0.9
30	6		184 near Bakersfield - Edison Hwy to Chase Rubberized Asphalt Rehab, ADA ramps	4.190	35%	12.140	3.035	3.035	8.8	lane miles	0.72	Road Rehab 3R	0.7	7.8	0.3
31	6		5 - Grapevine to 5/99, Rehab pavement, TMS	5.530	25%	22.350	5.530	5.530	42.7	lane miles	1.91	Pavmt Rehab CAPM	10.4	23.6	8.7
32	9		14 - 178 to Red Rock Rehab Pavement	1.147	13%	8.707	1.147	1.147	15.2	lane miles	1.75	Pav Rehab CAPM	3.1	12.1	
33	6		33 near McKittrick to 46 - Rehab, TMS	5.750	25%	22.570	5.643	5.750	37.2	lane miles	1.65	Pav Rehab CAPM		37.2	
34	6		58 - SLO Co. Line to 33 - Rehab, ITS	4.830	30%	15.970	3.993	4.830	18.8	lane miles	1.18	Pav Rehab CAPM		13.9	4.9
35	6		58 Bakersfield - 43-Allen - Rehab	4.750	35%	13.600	3.400	3.400	12.2	lane miles	0.90	Pav Rehab CAPM	0.2	11.4	0.6
36	6		166 near Maricopa - 33 to Basic School Rd - Rehab, rumble strips, ADA	5.220	36%	14.540	3.635	3.635	18.0	lane miles	1.24	Pav Rehab CAPM		16.1	1.9
37	6		5 - Lebec to LA Co. Line - Rehab, guardrail, TMS	5.920	19%	31.350	5.920	5.920	17.5	lane miles	0.56	Road Rehab 2R	4.4	11.1	2
38	6		58 - Edison - Tejon Hwy to Gen Beale - Rehab, drainage, guardrail, TMS	4.060	28%	14.270	3.568	4.060	5.8	lane miles	0.41	Road Rehab 2R	1.1	4.2	0.5
39	6		33 - near Taft - Rehab drainage	6.300	55%	11.430	2.858	2.858	44.0	culverts		Drainage Sys Restor.			2318
40	6		178 near Bakersfield - Miramonte to Vista Grande - Culverts	5.880	45%	13.000	3.250	3.250	65.0	culverts		Drainage Sys Restor.			4296
41	9	Facilities	58 Tehachapi - New Maintenance Station	6.770	41%	16.638	4.160	4.160	1.0	location		maint. Facilities		704	4400
				137.934	34%	406.151	98.533	104.179							
				79.08	29%	270.87			210.4	lane miles	0.78		27.9	161.2	21.3
				13.56	54%	25.21			76.0	collisions reduced	3.01				
				8.82	57%	15.35			87.00	curb ramps					
						savings:	39.401	33.755							

DRAFT 2020 SHOPP - Districts 6 & 9			(in millions)	(in millions)				(in millions)							
id	Dist.	Category	Description	Support	%Support	Total	25% cap	33% cap	Outcome	type	cost/outcome	Program	Good	Fair	Poor
KINGS															
42	6	Collision Reduction	41 near Kettleman City - roundabout (\$1.7M local)	7.800	54%	14.400	3.600	3.600	43.0	collisions reduced	2.99	Safety			
43	6		198 near Handford - Maint. Veh. Pullouts	1.855	33%	5.648	1.412	1.855	15.0	locations		Safety Impv./Freeway			
44	6	Bridge Preserv.	41 near Stratford - Replace bridge	9.500	34%	28.120	7.030	7.030	1.0	bridge		Bridge Mjr Rehab			12066
45	6	Roadway Preservation	41 near Stratford - Rehab, guardrail, drainage, ADA	6.830	29%	23.400	5.850	6.830	23.0	lane miles	0.98				23
46	6		41 near Kettleman City - Rehab, guardrail, rumble strips, TMS	5.620	24%	23.910	5.620	5.620	16.8	lane miles	0.70	Road Rehab 2R			16.8
47	6		198 Handford - irrigation upgrades	1.402	47%	2.959	0.740	0.740	17.9	Acres		Hwy Planting Rest.			
				33.007	34%	98.437	24.252	25.675							
				12.450	26%	47.310			39.8	lane miles	0.84		0.0	39.8	0.0
				7.800	54%	14.400			43.0	collisions reduced	2.99				
						savings:	8.755	7.332							
MADERA															
45	6	Bridge Preservation	99 near Madera - Cottonwood Crk Brdge	11.800	32%	36.437	9.109	11.800	3.0	bridges		Bridge Mjr. Rehab	7104	19063	
46	6	Road Preservation	41 near Fresno - Av 15 to Rte 145 - Rehab	9.149	34%	27.249	6.812	6.812	6.0	lane miles	0.22	Road Rehab 3R			5.5
47	6		145 Madera - Rehab, TMS, rumble strips, drainage	3.865	29%	13.430	3.358	3.865	10.8	lane miles	0.80	Pav Rehab CAPM	1.7		9.1
				24.814	32%	77.116	19.279	22.477							
				13.014	32%	40.679			16.8	lane miles	0.41		1.7	14.6	0.0
						savings:	5.535	2.337							
TULARE															
48	6	Collision Reduction	65/190 Porterville - rumble strips	2.130	54%	3.947	0.987	0.987	12.0	collisions reduced	3.04	Safety			
49	6		63/173 near Visalia/Exeter - rumble strips	1.445	46%	3.163	0.791	0.791	25.0	collisions reduced	7.90	Safety			
50	6		Tulare - various locations - signs	2.660	57%	4.682	1.171	1.171	3.0	collisions reduced	0.64	Collision Severity Reduction			
51	6		99 - near Tipton - Rest Area upgrade, water, sewer, irrigation	4.562	41%	11.112	2.778	2.778	2.0	locations		Roadside Safety Imp./Freeway			
52	6		99 near Kingsburg - Rest Area upgrade, water, sewer, irrigation	4.571	39%	11.741	2.935	2.935	1.0	location		Roadside Safety Imp./Freeway			
53	6	Bridge Preservation	245 near Woodlake replace bridges	6.170	33%	18.665	4.666	4.666	2.0	bridges		Bridge Mjr Rehab			14865
54	6		99 near Pixley - upgrade 3 bridges	2.940	41%	7.248	1.812	1.812	3.0	bridges		Bridge Rail Replace/Upgrade			1493
55	6		216 near Visalia - Rehab, ADA	7.400	29%	25.800	6.450	7.400	5.4	lane miles	0.21	Road Rehab 3R			4.5
56	6		63 Visalia - 198 to Caldwell, Rehab, TMS, ADA	7.070	41%	17.280	4.320	4.320	18.5	lane miles	1.07	Pav Rehab CAPM	1.9	15.4	1.2
57	6		99 near Earlimart - Countyline Rd to Court Av - Rehab, median barrier, drainage, TMS	17.310	23%	74.335	17.310	17.310	51.7	lane miles	0.70	Road Rehab 2R	30		21.7
58	6		99 Tulare - Paige to Prosperity, Rehab, lighting, TMS, drainage	8.390	22%	37.390	8.390	8.390	12.0	lane miles	0.32	Road Rehab 2R			12
59	6		99 near Tulare - Av 152 to Fresno Co. line, drainage rehab	7.920	44%	17.970	4.493	4.493	103.0	culverts		Drainage System Restoration			7190
60	6		198 Tulare - Kings Co. line to Sequoia NP, drainage rehab	11.599	49%	23.484	5.871	5.871	151.0	culverts		Drainage System Restoration			12676.8
				84.167	33%	256.817	61.973	62.923							
				40.170	26%	154.805			87.6	lane miles	0.57		31.9	53.6	2.1
				6.235	53%	11.792			40.0	collisions reduced	3.39				
						savings:	22.194	21.244							
INYO															
51	9	Mandates	395 near Lone Pine - upgrade facilities to ADA	2.653	78%	3.393	0.848	0.848	16.0	curb ramps		ADA curb ramps			2
52	9		395 near Bishop - ADA curb ramps, driveways, relocate signals, improve bike ped access	8.730	35%	25.009	6.252	6.252	15.0	curb ramps		ADA Curb ramps			7
53	9	Roadway Preservation	395 - near Independence - Road rehab, TMS, ADA	6.335	12%	53.674	6.335	6.335	45.0	lane miles	0.84	Road Rehab 3R	17.2		27.8
54	9		127 near Shoshone, Rehab pavement	2.162	11%	20.529	2.162	2.162	42.0	lane miles	2.05	Pav Rehab CAPM	0.1		41.9
55	9		395 near Big Pine, Rehab, TMS, lighting, guardrail, ADA	6.174	15%	40.815	6.174	6.174	37.3	lane miles	0.91	Pav Rehab CAPM			37.3
56	9		395 near Bishop, Rehab, drainage, TMS, ADA	4.822	24%	20.114	4.822	4.822	13.6	lane miles	0.68	Road Rehab 2R			13.4
57	9	Roadside Preservation	395 near Cartago, habitat mitigation credit for future SHOPP	1.830	49%	3.701	0.925	0.925	16.0	locations		Roadside Enhancement			
58	9	Facilities	395 near independence - Maintenance station, equipment canopy, water tank, fire suppression	1.962	34%	5.700	1.425	1.425	1.0	location		Maint. Facilities			
59	9		395 Bishop - Replace dist. Materials lab	2.996	26%	11.436	2.859	2.996	3900.0	sqft		Materials Labs			900
				37.664	20%	184.371	31.803	31.940							
				19.493	14%	135.132			137.9	lane miles	1.02		17.3	120.4	0.0
				11.383	40%	28.402			31.000	curb ramps	1.09				
						savings:	5.861	5.724							

MONO												
55	9	Collision Reduction	395 near Tom's place, shoulders, slopes, rumble strips, guardrail	6.243	31%	20.351	5.088	6.243	19.0 collisions reduced	0.93	Collision Severity Reduction	
56	9		395 near Lee Vining - Widen shoulders, rumble strip, correct curve, improve chain control area	3.380	36%	9.376	2.344	2.344	8.0 collisions reduced	0.85	Collision Severity Reduction	
57	9		395 near Bridgeport - shoulders, rumble strips, correct curves	5.638	28%	20.060	5.015	5.638	19.0 collisions reduced	0.95	Collision Severity Reduction	
58	9		395 various locations - chain control turnouts, lighting	1.310	19%	7.025	1.310	1.310	13.0 locations		Safety/Freeway Maint.	
59	9		395 near Lee Vining - ADA ramps, drainage, guardrail, bike imp.	9.166	39%	23.635	5.909	5.909	26.0 curb ramps	1.10	ADA Curb Ramps	26
60	9	Roadway Preservation	395 near Toms Place - Rehab, drainage, guardrail, lighting	3.151	23%	13.543	3.151	3.151	11.2 lane miles	0.83	Road Rehab 3R	11.2
61	9		395 near Mono City, rehab, upgrade guardrail	1.858	18%	10.195	1.858	1.858	9.4 lane miles	0.92	Pav Rehab CAPM	9.4
				30.746	30%	104.185	24.6745	26.4528				
				5.009	21%	23.738			20.6 lane miles	0.87		0.0
				15.261	31%	49.787			46.0 collisions reduced	0.92		20.6
				9.166	39%	23.635			26.0 curb ramps	1.10		0.0

2020 State Highway Operation and Protection Program Public Comments (summarized)

1. Opportunities exist to add more bike and pedestrian facilities to rehabilitation projects in the Kern region.
2. In Districts 6 & 9, 13 out of 61 SHOPP projects, more than 1 in 5 projects have support costs that are more than the construction cost (see table 3).
3. Statewide support costs on curb ramps average 47% at \$77k per ramp while construction averages over \$90k per ramp, where the private sector going rate is around \$5k per ramp to construct (18 times the going rate). At \$77k per ramp in support costs, that provides a minimum 312 support hours PER RAMP, even more if support is provided by lower paid planners and administrative support staff.
4. 7 curb ramps in Bakersfield at H Street cost around \$660k per ramp to construct (the 4th highest in the Draft 2020 SHOPP, 132 times the going rate). The project has \$2.9M in support costs for a total project cost of \$4.6M. 63% of the project is support at \$414k per ramp. That is a minimum 1,657 support hours PER RAMP at \$250/hour.
5. 15 curb ramps in Inyo County cost around \$1.7M per ramp to construct (the highest in the Draft 2020 SHOPP, 340 times the going rate). The project has \$8.7M in support costs for total project cost of \$25.0M. 35% of the project is support at \$582k per ramp. That is a minimum 2,328 support hours PER RAMP at \$250/hour. (The project includes some driveways, and bike access that may be escalating these costs, but the project outputs, lack information to analyze further).
6. Safety Collision Avoidance projects in Fresno, Kings, Kern and Tulare have support costs averages ranging from 46% to 54% per County."
7. If all Kern SHOPP project support costs were capped at 25%, that would free up \$40M in Kern for another project.
8. If project support costs were capped at 33%, that would free up \$34M in Kern for another project.
9. Savings in Caltrans Districts 6 & 9 would be \$120M to \$107M if support costs were capped at 25% to 33% respectively.
10. Projects like SR 58 Truck Climbing lanes and SR 99 Auxiliary Lanes that have completed PSRs should be made priority for SHOPP funding and not placed in the program as a Long Lead project without funding.
11. 09-Kern-14-near Mojave: Include a shoulder median barrier in the project scope. 3rd priority for funding with savings from capped support costs
12. 06-Kern-33-near McKittrick: Add shoulders from Lerdo Highway to SR 46 for bicyclists.

13. 06-Kern-43-Wasco: Include 2 lanes in each direction with shoulders and bike lanes. ATPlan requires shoulders and bike lanes on SR 43 from Lerdo Highway all the way to SR 46. Support costs are 50%. Reduce support costs and use savings to fund LL project in Kern.
14. 09-Kern-58-near Tehachapi: 1st priority for funding with savings from capped support costs. Integrate truck climbing lanes/safety curve re- alignment into this project. District 9 has just updated a 2005 PSR for this project. This project address truck volumes on the extension of I-40 over Tehachapi Pass that are 25% higher than I-80 Donner Pass.
15. 06-Kern-99-Bakersfield: 2nd priority for funding with savings from capped support costs.
16. 06-Kern-178-near Bakersfield: This project needs shoulders for bikes and pedestrians in Lake Isabella
17. 06-Kern-204-Bakersfield: The project is 59% support. Why are the pre- construction and support costs so high? Reduce support costs and use savings to fund LL project in Kern."
18. 06-Fresno-Var.-Kern: There is a lack of Kern cameras on 58 and 99.
19. 06-Kern-58-Bakersfield: The project is 63% support. Upgrades 7 curb ramps at \$660k per ramp. Reduce support costs and use savings to fund LL project in Kern.
20. 06-Kern-119-near Taft: The project is 66% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.
21. 09-Kern-202-near Tehachapi: The project is 57% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.
22. 06-Kern-204-Bakersfield: This project is 55% support for 80 curb ramps. Reduce support costs and use savings to fund LL project in Kern.
23. 06-Kern-33-near Taft: This project is 55% support for 44 existing culverts. Reduce support costs and use savings to fund LL project in Kern.
24. 09-Kern-Tehachapi: Request plan be modified to eliminate crew quarters since the facility is next to a reasonably priced hotel reducing overall long term maintenance costs. Use savings to fund LL project in Kern.

Caltrans response to Robert Ball and Ahron Hakimi, Kern Council of Governments:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Due to the specific project related issues we encourage you to continue to work with Districts 6 and 9 on a regular bases to identify opportunities early in the process. Caltrans responses to comments are shown below. The numbering of responses corresponds with the summarized numbered comment:

- 1. Opportunities exist to add more bike and pedestrian facilities to rehabilitation projects in the Kern region.** Response: Caltrans recognizes that SHOPP projects provide opportunities to address State priorities such as the implementation of Complete Streets elements. Pedestrian and bicycle facilities are evaluated while scoping SHOPP projects, including pavement rehabilitation projects. These evaluations determine whether the project can also meet pedestrian and bicycle needs, and where feasible, to include those elements into the project. Caltrans is committed to making continuing improvements in implementation of Complete Streets features and these efforts are discussed in more detail within the Proposed 2020 SHOPP document.
- 2. In Districts 6 & 9, 13 out of 61 SHOPP projects, more than 1 in 5 projects have support costs that are more than the construction cost (see table 3).** Response: Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and more information becomes known.
- 3. Statewide support costs on curb ramps average 47% at \$77k per ramp while construction averages over \$90k per ramp, where the private sector going rate is around \$5k per ramp to construct (18 times the going rate). At \$77k per ramp in support costs, that provides a minimum 312 support hours PER RAMP, even more if support is provided by lower paid planners and administrative support staff.** Response: The ‘anchor’ performance measure is the only measure presented in the Proposed 2020 SHOPP document for each project. For Caltrans ADA projects ‘Curb ramps’ is the ‘anchor’ performance measure. Through the asset management approach, projects include other scope such as roadway rehabilitation, drainage repairs, intersection improvements, and other items of work that are part of the cost but not included in the performance measure.
- 4. 7 curb ramps in Bakersfield at H Street cost around \$660k per ramp to construct (the 4th highest in the Draft 2020 SHOPP, 132 times the going rate). The project has \$2.9M in support costs for a total project cost of \$4.6M. 63% of the project is support at \$414k per ramp. That is a minimum 1,657 support hours PER RAMP at \$250/hour.** Response: This project will also repair pavement, install vehicle detection systems, and rehabilitate drainage. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and more information becomes available.

- 5. 15 curb ramps in Inyo County cost around \$1.7M per ramp to construct (the highest in the Draft 2020 SHOPP, 340 times the going rate). The project has \$8.7M in support costs for total project cost of \$25.0M. 35% of the project is support at \$582k per ramp. That is a minimum 2,328 support hours PER RAMP at \$250/hour. (The project includes some driveways, and bike access that may be escalating these costs, but the project outputs, lack information to analyze further).** Response: Additional work on the project includes bridge widening, improve ADA deficient elements, construct bus bay/turnout/pullout, construct class 2 bike lane, repair drainage systems, modify signals, construct/widen shoulders, and repair pavement. Caltrans recognizes that this project has higher support costs due to the unique nature of the project scope and will continue to look for opportunities to adjust costs as the project proceeds into the next project development phase and more information becomes available.
- 6. Safety Collision Avoidance projects in Fresno, Kings, Kern and Tulare have support costs averages ranging from 46% to 54% per County.** Response: Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.
- 7. If all Kern SHOPP project support costs were capped at 25%, that would free up \$40M in Kern for another project.** Response: Caltrans project support costs are determined from a ‘bottoms up’ approach that is tied to the unique needs of each individual project. As projects proceed through the environmental phase (PA&ED), opportunities are sought to adjust capital and support costs. Identified savings are available for increases on other projects based on statewide priorities.
- 8. If project support costs were capped at 33%, that would free up \$34M in Kern for another project.** Response: See response to #7 (above).
- 9. Savings in Caltrans Districts 6 & 9 would be \$120M to \$107M if support costs were capped at 25% to 33% respectively.** Response: See response to #7 (above).
- 10. Projects like SR 58 Truck Climbing lanes and SR 99 Auxiliary Lanes that have completed PSRs should be made priority for SHOPP funding and not placed in the program as a Long Lead project without funding.** Response: Long lead projects are not categorized as such based-on priority. A Long Lead project requires more than four years to develop due to the complex environmental and preliminary engineering work, and the project is therefore outside of the four-year cycle of the Proposed 2020 SHOPP.
- 11. 09-Kern-14-near Mojave: Include a shoulder median barrier in the project scope. 3rd priority for funding with savings from capped support costs.** Response: A warrant analysis was performed for median barrier in the project limits and it was determined that no segment of the project met warrants for median barrier.
- 12. 06-Kern-33-near McKittrick: Add shoulders from Lerdo Highway to SR 46 for bicyclists.** Response: The intent of this project is to provide an asphalt overlay to extend

the pavement service life and improve ride quality. The overlay will be designed for the full roadway width from edge of existing pavement to opposing edge of existing pavement. Please continue to work with District 6 to identify opportunities.

- 13. 06-Kern-43-Wasco: Include 2 lanes in each direction with shoulders and bike lanes. ATPlan requires shoulders and bike lanes on SR 43 from Lerdo Highway all the way to SR 46. Support costs are 50%. Reduce support costs and use savings to fund LL project in Kern.** Response: Widening of either Route 46 or Route 43 to a 4-lane facility (2 lanes in each direction) is beyond the scope of this SHOPP project. This is a Safety project with an emphasis on reducing the number and severity of traffic collisions at this intersection. Caltrans will continue to look for opportunities to reduce project costs as it proceeds into the next project development phase and additional information becomes available.
- 14. 09-Kern-58-near Tehachapi: 1st priority for funding with savings from capped support costs. Integrate truck climbing lanes/safety curve re- alignment into this project. District 9 has just updated a 2005 PSR for this project. This project address truck volumes on the extension of I-40 over Tehachapi Pass that are 25% higher than I-80 Donner Pass.** Response: The project scope will make curve radii standard. Caltrans continues to collaborate with others to seek funding opportunities for truck climbing lanes to allow for combining that scope with this project.
- 15. 06-Kern-99-Bakersfield: 2nd priority for funding with savings from capped support costs.** Response: This is a Long Lead project which requires more than four years to develop due to the complex environmental and preliminary engineering work and delivery of the project is outside of the four-year cycle of the Proposed 2020 SHOPP. At completion of PA&ED, project details and costs will be better known and the remaining phases and the project capital costs can be fully programmed in the next appropriate SHOPP funding cycle.
- 16. 06-Kern-178-near Bakersfield: This project needs shoulders for bikes and pedestrians in Lake Isabella.** Response: Extensive culturally sensitive areas are expected adjacent to existing roadway. Extensive coordination with federal agencies and tribal governments are anticipated during the environmental clearance phase. Please continue to work with District 6 to identify opportunities.
- 17. 06-Kern-204-Bakersfield: The project is 59% support. Why are the pre-construction and support costs so high? Reduce support costs and use savings to fund LL project in Kern.** Response: This is a High Intensity Activated Crosswalk (HAWK) Project that has a high support cost due to the wide variety of specialty work that is needed for designing the project. The HAWK system is part of a pilot program. A Long Lead project requires more than four years to develop due to the complex environmental and preliminary engineering work and is outside of the four-year cycle of the Proposed 2020 SHOPP.

- 18. 06-Fresno-Var-Kern: There is a lack of Kern cameras on 58 and 99.** Response: The focus of this project is to install Vehicle Detection Systems (VDS) and does not include cameras. Cameras are included in CCTV projects and Signals or Ramp metering projects.
- 19. 06-Kern-58-Bakersfield: The project is 63% support. Upgrades 7 curb ramps at \$660k per ramp. Reduce support costs and use savings to fund LL project in Kern.** Response: The project includes additional design effort support costs for ADA deficient elements other than the curb ramps, for utility identification and relocation, easement acquisitions, drainage adjustments, and possible structure design staff involvement. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.
- 20. 06-Kern-119-near Taft: The project is 66% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.** Response: This project is located in an urban area, involves widening the existing pavement to provide a left-turn lane, and has significant environmental clearance challenges. Biological surveys and consultation with US Fish and Wildlife Service are required, at higher support costs. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.
- 21. 09-Kern-202-near Tehachapi: The project is 57% support for a left turn lane improvement. Reduce support costs and use savings to fund LL project in Kern.** Response: Due to many constraints that could have an influence on this important intersection safety project, the support costs were estimated higher than expected as significant project risks were considered. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.
- 22. 06-Kern-204-Bakersfield: This project is 55% support for 80 curb ramps. Reduce support costs and use savings to fund LL project in Kern.** Response: This project also includes additional work such as lighting, traffic signals, new sidewalks, and accessible pedestrian signals. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.
- 23. 06-Kern-33-near Taft: This project is 55% support for 44 existing culverts. Reduce support costs and use savings to fund LL project in Kern.** Response: This project has heavy property survey involvement to define necessary easements. Environmental

biology, archaeological, and paleontology studies are also extensive for this project, all contributing to higher support costs. Caltrans recognizes that some projects have higher support costs due to the unique nature of the project scope and will continue to look for opportunities to reduce these costs as the projects proceed into the next project development phase and additional information becomes available.

- 24. 09-Kern-Tehachapi: Request plan be modified to eliminate crew quarters since the facility is next to a reasonably priced hotel reducing overall long-term maintenance costs. Use savings to fund LL project in Kern.** Response: The project does not include crew housing or living space. Due to location of the facility there is not a need for onsite housing. The project includes office space that will be used by the supervisor and crew members working from this facility.

Comments submitted by:

Tomas Carranza

Los Angeles Department of Transportation (LADOT)

2020 State Highway Operation and Protection Program Public Comments

Thank you for providing LADOT the opportunity to submit comments on Caltrans' proposed 2020 State Highway Operations and Protection Program (SHOPP), which funds repairs, preservation, safety improvements and highway operational improvements. Upon reviewing the proposed project list, LADOT has the following comments:

Although most of the projects proposed within the City of Los Angeles are minor in scope, scale, and impact, there are a few that we would like to see Caltrans reassess and discuss further with LADOT.

Project ID 0717000022

The project with a Project ID 0717000022 scoped for program year 2021-22 at Post Mile 39.1 of I-405 has the following description:

"In the city of Sherman Oaks, at southbound onramp from Ventura Boulevard. Widen the onramp to two lanes plus a High-Occupancy Vehicle (HOV) lane."

Please correct the project description to note that Sherman Oaks is a community within the City of Los Angeles and not an independent city. Additionally, projects that increase capacity for automobiles in urban settings have adverse impacts on vulnerable road users such as people walking and bicycling. The on-ramp that is proposed to be widened at Ventura Boulevard and Sherman Oaks Avenue would increase the total crossing distance for pedestrians on the north side of Ventura Boulevard from an existing approximately 105 feet to perhaps as much as 120 feet or more. This portion of Ventura Boulevard is identified in the City's High Injury Network, the streets in the city with high concentrations of traffic collisions that result in severe injuries and death, especially for people walking and bicycling.

The stated purpose of this widening is to add a HOV lane to the on-ramp. However, until mid-2015, one of the existing on-ramp lanes was a HOV lane. Public satellite imagery indicates that as recently as July 2015 there was a HOV on-ramp lane that was removed by November 2015 and restriped as a general purpose lane. The on-ramp was repaved with fresh asphalt in 2018 and now is proposed to be widened. It is unclear how widening of this on-ramp aligns with City and State-level goals related to climate change, safety, and sustainability. Given the recent modification of this location, it may be worth investigating the nearby on-ramp at Sepulveda and Sherman Oaks may be a better candidate for providing this consideration.

Project ID 0716000298

Similarly, LADOT has concerns with Project ID 0716000298, scheduled for Program Year 2021-22 at Post Mile 14.7/26.9 along I-5. The project description states:

"In and near the city of Los Angeles, from Ditman Avenue southbound offramp to Route 134; also on Route 2 (PM R18.7) and Route 101 (PM 11.8). Multi-objective Asset Management

project that includes widening and extending deceleration length on the Indiana Street/Calzona Street southbound offramp, upgrade guardrail and (Transportation [sic] Management System (TIMS), construct highway worker safety features"

This project proposes widening and extending deceleration length on an off-ramp that enters a residential neighborhood in Boyle Heights, a community that has long been unfairly burdened by freeway-related construction, pollution, and traffic. A project of this nature is inherently intrusive and exacerbates past harm done to the community through freeway building and planning. As such, LADOT is equally concerned with this proposal and its lack of consistency with local and State policy goals related to promoting safety, sustainability, and combating climate change.

Project ID 0716000231

The project associated with Project ID 0716000231, scheduled for Program Year 2020-21 along SR 110 from Post Mile 25.8 to Post Mile 30.6 has the following description:

"In the city of Los Angeles and South Pasadena, between Figueroa Street and Orange Grove Avenue. Convert outside lane to a dynamic lane/shoulder that can switch between the two depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC)."

Not only is this one of the more expensive SHOPP projects for the City of Los Angeles, it appears to be describing the Caltrans-led Arroyo Seco Safety and Operational Enhancement Project which is currently undergoing formal environmental review - the Notice of Preparation comment period closed on 10/11/2019. LADOT cannot support including this as a SHOPP project before any comment period or publicly available project determination is made.

Project Selection

Of the approximately 52 proposed SHOPP projects that directly affect the City of Los Angeles, only one explicitly mentions pedestrians and it is in reference to installing "fencing and gates, vandal resistant pedestrian undercrossing enclosures." No projects involve any specific safety enhancements for bicycle users or transit riders. The City, Caltrans, and the State all have climate conscious policy aspirations that can only be achieved through direct investment of transportation dollars. The majority of the State's emissions come from the transportation sector and there is no shortage of Caltrans facilities that lack basic Americans with Disabilities (ADA) accommodations and would benefit from bicycle and pedestrian-friendly retrofits. The SHOPP should incorporate more multi-modal safety projects to help achieve the multiple goals related to promoting active transportation, improving safety, and reducing reliance on fossil fuel infrastructure. Doing so would directly help meet Caltrans Strategic Plan goals such as reducing bike and pedestrian fatalities, increasing non-auto modes, reducing VMT and GHG emissions, and increasing the number of Complete Streets projects on the State Highway System while complementing the City's own transportation and climate goals.

Caltrans Response to the Los Angeles Department of Transportation (LADOT):

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Below are responses to both the project specific and general comments.

Project ID 0717000022 (EA 07-20490)

The project description is being updated to correctly reflect the location. This project was initially programmed in March of 2018 as part of the adopted 2018 SHOPP. The project is an operational improvement project (refer to 2018 SHOPP Exhibit F page 100). Funding for the Project Approval & Environmental Document (PA&ED) phase was allocated at the same March 2018 meeting by the California Transportation Commission (CTC).

In addition to the operational improvements, pursuant to Caltrans' Complete Streets Policy, this project includes ADA curb ramp upgrades at the intersection. The pedestrian signals are also planned for upgrade to improve safety, access, and mobility. In addition, sidewalks within the project limit will be improved to standard. Also, in compliance with Caltrans's policy on Climate Change, mitigation and adaptation strategies to minimize Green House Gas emissions were considered and integrated into this project. Traffic operational efficiency would be increased with the proposed additional lane at the onramp and is expected to lower vehicle idling time.

This project originated in 2001 with a planning study and involved interaction with LADOT during this very early phase of development. The 2001 planning study was reviewed and updated in 2017 prior to the initial programming in the 2018 SHOPP.

Caltrans welcomes further interaction with LADOT as this project transitions into the design phase.

Project ID 0716000298 (EA 07-33300)

Caltrans is promoting the State policy goal of safety by redesigning and reconstructing the southbound Route 5 off-ramp to Indiana Street/Calzona Street. Accident rates at this ramp are currently triple the statewide average for similar facilities.

The purpose of the project is to improve safety by reducing the number of accidents at the ramp, enhance efficiency through Transportation Management System (TMS) improvements, and create a safer work space for Caltrans maintenance workers and first responders.

This one-lane hook off-ramp, constructed in 1947, does not meet Caltrans modern safety standards for length, shoulder width, deceleration length, curve radius, roadway super-elevation, driver corner sight and stopping distance, and turning width for trucks. To rectify these safety deficiencies, the project proposes to realign and extend the ramp length, create a smoother curve, extend the "queue" space for large trucks on the off-ramp to remove them from freeway mainline while exiting and enhance the efficiency through Transportation Management System (TMS) improvements.

Caltrans intends to avoid neighborhood intrusion by conducting all construction within the existing right of way. The reconstructed off ramp will also occupy only existing right of way. This will remain a single lane exit ramp, so an increase in the number of trucks exiting at this

location is not expected. In addition, Caltrans will evaluate the incorporation of the complete street elements within the project limits.

This is a “carry-over” project from the 2018 SHOPP programming document, with initial programming occurring in March 2018 (refer to CTC Adopted 2018 SHOPP Exhibit F page 104). The Project Approval & Environmental Document (PA&ED) phase was completed in December of 2019 and the design phase commenced in January 2020 with the CTC allocation of funding to Caltrans for the design phase. The project team does not expect to break ground for construction on this project until late 2022.

Caltrans welcomes further interaction with LADOT as this project develops in the design phase.

Project ID 0716000231 (EA 07-33150)

This is a “carry-over” project from the CTC adopted 2018 SHOPP (refer to 2018 SHOPP Exhibit F page 67). As commented, this safety improvement project is currently in the Project Approval & Environmental Document (PA&ED) phase. As with all SHOPP projects, completion of the PA&ED process, which includes the completion of environmental reviews, is required before presenting a request to the CTC for funding any subsequent project component. Inclusion of this project in the Proposed 2020 SHOPP does not infer the authority to commence into the design phase until completion of the environmental process and a CTC allocation of funding for the next phase of work.

General Response

Beginning with the passage of **Senate Bill 486** in 2014, Caltrans commenced development of a robust Transportation Asset Management System to better identify all significant assets on the state highway system to fully capture improvements to all primary and secondary transportation assets planned for improvement within projects.

However, the short and abbreviated project descriptions developed for the Proposed 2020 SHOPP typically quantify only the improvement to primary assets.

For example, preventive maintenance pavement project 07-33360 on Route 2 (Proposed 2020 SHOPP Exhibit H page 147 of 465) in Council Districts (CD) 4, 5, 11 and 13 quantifies the existing and post project condition of the pavement, since pavement is the projects’ primary asset. A query of the Transportation Asset Management database system also reflects that in addition to improving the pavement condition, the project scope will also improve 250 curb ramps for accessibility and 39 bus pads.

A query of the Asset Management System similarly identified several 2020 SHOPP pavement rehabilitation projects beyond the example above in the City of Los Angeles, that also include upgrades to curb ramps.

- Project 07-34850, dedicated ADA project on Route 2 will upgrade 95 curb ramps in CDs 13 and 14, and in the City of Glendale (Exhibit H page 129 of 465).
- Project 07-32230, on Route 110 bridge rails and ADA upgrades on 5th and 6th (Exhibit H page 138 of 465).

- Project 07-32680, Route 210 ADA design-build projects in CDs 7 and 10, includes dozens of ADA curb ramp upgrades (Exhibit H page 132 of 465).
- Project 07-30661, State Route 213 pavement rehab and ADA upgrade projects in CD 15; all curb ramps on Western Ave (Exhibit H page 133 of 465).

The identification and inclusion of multi-modal opportunities does not stop at the programming phase either. Recently an opportunity for the continuity of bicycle lane striping was identified on a project currently in construction. A contract change order was issued to incorporate striping within the Caltrans right of way.

In addition, Caltrans District 7 office in Los Angeles has been in close coordination with the Department's headquarters office in Sacramento to identify additional SHOPP projects that have further opportunity for including bicycle and pedestrian access retrofits. This effort is currently ongoing as of March 2020 in parallel with the development and adoption of the 2020 SHOPP.

Comments submitted by:

Dave Flynn

Marin County, Department of Public Works

2020 State Highway Operation and Protection Program Public Comments

We appreciate the efforts in compiling the SHOPP list for proposed efforts within Marin County. Would like to advocate for close engagement with both County of Marin and City of Tiburon regarding the proposed rehabilitation work on Route 131 (04-MRN-101 PM 0.0/4.4 No. 2023A 0418000221). There will need to be early discussion regarding overall striping plan in the corridor. In particular as it approaches the interchange with Route 101. There are key intersections with existing marked crosswalks which should be addressed and enhanced as part of the work scope. The County would like to be involved from the initiation of the project and assist on public outreach planning and meetings to coordinate efforts. The County has interest in working towards placement of a Class I trail along the south side of Route 131 between the intersections of Bay Vista and Blackfield Streets. This is long term investment as part of provide bike/ped access through this corridor and part of the Bay Trail plan. Currently, pedestrian access along Route 131 is limited and some consideration for interim paths may be warranted. Evaluation of existing traffic signals at both Bay Vista Drive and Avineda Miraflores should be included with possible bike detection upgrades.

Caltrans Response to Marin County, Department of Public Works

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. The referenced project can address the mentioned issues at the approaches to the Route 101 interchange during both the environmental clearance (PA&ED) and final design (PS&E) phases of the project.

Caltrans will engage the County and the local cities in public outreach during environmental clearance (PA&ED) of the project, similar to what is being done for the Mrn-1 CAPM project. The PA&ED phase is expected to start in October 2020.

The proposed Class 1 trail along the south side of Route 131 is not in the current project scope, and the project does not have funding to include the trail at this time. Caltrans will continue to work with Marin County to identify funding opportunities.

Comments submitted by:

Michael Luken, Executive Director

Placer County Transportation Planning Agency

2020 State Highway Operation and Protection Program Public Comments

The Placer County Transportation Planning Agency (PCTPA) appreciates the opportunity to provide comments on the draft 2020 State Highway Operation and Protection Program (SHOPP) released January 27, 2020. We applaud Caltrans focus on the fix-it-first investments to rehabilitate and preserve our existing state highway system. PCTPA's recently adopted 2040 Regional Transportation Plan (RTP) estimates that approximately 44% of the reasonably anticipated revenues through 2040 will fund the maintenance of our existing roadways, bridges, and other related assets to keep them in a state of good repair.

PCTPA is the Regional Transportation Planning Agency for Placer County, California (except for that portion of the County within the Tahoe Regional Planning Agency boundaries). PCTPA represents transportation interests from a blend of urban, suburban and rural communities. We are focused on transportation infrastructure projects that will reduce traffic congestion, improve modal mobility and safety, and leverage further job growth for our residents. Placer County has an existing population of 396,691, with nearly 32 percent residing in our rural communities. Placer County is among the fastest growing counties in the Sacramento region and in the State of California. While much of our population live in urbanized cities, the County remains largely rural in area resulting in a countywide population density of only 250 people per square mile.

Given the rural nature of our County, we were pleased to see the continued investment on Interstate 80 (I-80). The additional truck climbing lanes near Applegate (ID# 0318000017) and Gold Run (ID# 0318000019) are greatly needed to facilitate interstate commerce on the only all-weather crossing of the Sierra Nevadas in northern California. Maintaining the movement of goods also has a positive impact on the safety of local residents and the thousands of visitors who travel through Placer County to Tahoe every weekend. These improvements in addition to other essential components such as drainage and metal beam guardrails total \$199 million. Without the investment through the SHOPP program these needs would go unfunded.

The inclusion of the State Route 49 (SR 49) Collision Reduction project (ID# 0319000004), totaling approximately \$26 million, will have a profound safety improvement to rural residents in both Placer and Nevada Counties who travel on SR 49 daily. The proposed concrete median barrier and two roundabouts will eliminate a series of unfortunate crashes leading to a fatalities rate 2.5 times greater than the statewide average between Dry Creek Road and Wolf Combie Road. District 3, PCTPA, the Nevada County Transportation Commission (NCTC) and local agencies just completed a week long Safety Audit of the corridor to define and identify potential safety solutions to improve the overall reliability and safety of SR 49. It is our hope that recommendations stemming from this report will be incorporated into future SHOPP programs.

PCTPA and District 3 has had a long and successful relationship delivering projects in Placer County. We look forward to the continued coordination and identification of projects such as the following for consideration in future SHOPP programs:

- Continued emphasis on traveler safety and the introduction of additional Transportation Management System Elements and technology to improve communication with visitors traveling through Placer County.
- Continued pavement maintenance of I-80 between the City of Auburn and SR 193 in the Newcastle area.
- Continued prioritization of projects that emphasize the safe and efficient movement of interstate commerce such as the Interstate 80 Eastbound Auxiliary Lane project in Rocklin between SR 65 and Rocklin. This project is intended to remove an existing bottleneck on I-80 that limits the throughput of goods.
- New investments towards complete streets elements that will facilitate active transportation on SR 49 in Auburn and on SR 193 between the Cities of Auburn and Lincoln. We encourage the department to investigate the feasibility of continuous eight-foot shoulders and/or separated bicycle lane on both SR 49 and SR 193.
- Coordinate with the City of Lincoln on the Moore Road Class I bike path under SR 65 to reconnect the two portions of the City separated by the SR 65 bypass.

Thank you again for the opportunity to provide comments on the draft 2020 SHOPP and we look forward to our continued coordination with District 3 Direct Amarjeet Benipal. Should you have questions or need additional information, please contact me at 530.823.4030.

Caltrans Response to the Placer County Transportation Planning Agency (PCTPA):

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program document. Caltrans, District 3 is always looking for opportunities to improve communication regarding State Route improvements. Looking forward to the next two SHOPP cycles, District 3 has several planned projects along the Placer Route 80 Corridor, where Transportation Management System (TMS) Elements will be evaluated and included when feasible. A Highway Maintenance project is currently planned for the 2021 Construction Season to address Route 80 pavement between the Penryn Rock Springs Undercrossing and the Route 80/Route 49 Separator. Caltrans continues to look for opportunities to facilitate the safe and efficient movement of interstate commerce. In upcoming SHOPP cycles, emphasis will continue to be placed on pavement projects that improve the state of good repair of the freight transportation system, as well as the addition of truck climbing projects to facilitate safe movement throughout the Sierra Nevada. Caltrans is actively evaluating complete streets elements for all projects and adding where feasible. District 3 Planning unit staff will coordinate with the City of Lincoln and PCTPA to explore possible options and potential study of the proposed bike path.



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February 28, 2020

Ms. Donna Berry
Office Chief, State Highway Operation and Protection Program
California Department of Transportation
1120 N Street
Sacramento, CA 95814

Subject: Comments on the Draft 2020 State Highway Operations and Protection Program (SHOPP) Project List

Dear Ms. Berry:

Thank you for the opportunity to comment on the California Department of Transportation's (Caltrans') Draft 2020 SHOPP Project List. RCTC commends Caltrans' concerted effort and attention in the Draft 2020 SHOPP Project List to achieve asset condition performance targets from the State Highway System Management Plan and as intended by Senate Bill 1 (Statutes of 2017).

RCTC is pleased to see over one billion dollars in the Draft 2020 SHOPP Project List is proposed on projects in Riverside County. This investment builds on the previous SHOPP investments in projects currently under construction in Riverside County particularly the pavement rehabilitation projects on Interstate 10 and State Route 60.

RCTC, on behalf of its representative from the city of Calimesa, Councilmember Larry Smith, is concerned, however, to see a gap on Interstate 10 between the Riverside County line and Highland Springs Avenue for rehabilitation. Upon further inquiry, RCTC understands there are two Caltrans District 8 projects in the Project Initiation Document (PID) phase with expected completion of the phase this fiscal year. RCTC supports the further development of those two projects and requests their inclusion in the 2022 SHOPP Project List. We appreciate the District's efforts to prioritize a state of good pavement repair on the I-10 corridor.

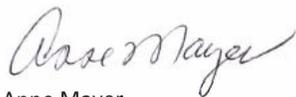
Additionally, RCTC strongly recommends enhanced communication in the planning process. While significant investment is appreciated, coordination of project schedules and minimizing conflicts with existing locally funding projects is essential. We encourage the Department to incorporate time within the SHOPP development process for Districts to collaborate with their partners. On the Draft 2020 SHOPP Project List page 49, the California Transportation Commission's 2019-adopted SHOPP Guidelines indicates ongoing coordination "in the development of candidate projects." Furthermore, on page 20 of the Draft 2020 SHOPP Project List, three steps have been identified "to enhance earlier communications, covering planning, programming, and delivery." Unfortunately, RCTC was not included in any step of the process of developing the Draft 2020 SHOPP Project List until the present time in which Caltrans headquarters is required, pursuant to Senate Bill 486 (Statutes of 2014), to notify and receive comments from Regional Transportation Planning Agencies. RCTC

Ms. Donna Berry
February 28, 2020
Page 2

hereby requests coordination be initiated by Caltrans at the onset of the planning and development of the 2022 SHOPP Project List.

Thank you for your consideration of our comments. Please contact me at (951) 787-7141 or amayer@rctc.org if you have any questions or if you would like to discuss our comments.

Sincerely,



Anne Mayer
Executive Director

c: Teri Anderson, California Transportation Commission
Michael Beauchamp, Caltrans District 8
Commissioner Larry Smith

Caltrans Response to the Riverside County Transportation Commission:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. The Department of Transportation (Caltrans) appreciates Riverside County Transportation Commission's (RCTC's) acknowledgment of Caltrans' concerted effort and attention in striving to achieve asset performance improvements as legislated in Senate Bill 1.

The development of the SHOPP is guided by the asset condition performance targets set forth in the State Highway System Management Plan (SHSMP) which are further based on objective analysis to focus investment on measured condition and performance objectives. Balancing the investment based on the measured conditions and the available funding between the multiple asset classes often requires staggering target improvements through different SHOPP cycles. Guided by the severity of the measured conditions and the funding constraints, there is currently no scheduled improvement projects in the Proposed 2020 SHOPP between County Line Road and Highland Springs Avenue on Route 10. The Caltrans, District 8 staff are aware of the concerns of Councilmember Larry Smith from the City of Calimesa and are currently evaluating the SHSMP asset condition performance targets and the associated improvement needs on Route 10 within these limits. All identified performance needs to be consistent with the SHSMP targets and will be prioritized to be considered in the development of the 2022 SHOPP.

In addition, the District is reviewing the established coordination protocol with the Regional Transportation Planning Agency partners including RCTC to ensure early information sharing for the Project Initiation Document (PID) work plan projects and the final candidate projects being submitted for the upcoming SHOPP cycle. It is Caltrans' intent to implement the suggested communication improvement steps outlined on page 20 of the adopted SHOPP Guidelines and to ensure coordination with local partners to synchronize time frames, maximize benefits and minimize impacts to the traveling public. The District will share its 2022 SHOPP PID work plan projects at the earliest opportunity.

Caltrans appreciates RCTC's longstanding support and continuing investment in California transportation infrastructure. We look forward to collaborating on furthering the Caltrans mission to provide a safe, sustainable, integrated and efficient transportation system to enhance the regions and California's economy and livability.



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February 28, 2020

File Number 1500000

Mr. Bruce DeTerra, Division Chief
Division of Transportation Programming
California Department of Transportation
1120 N Street
Sacramento, CA 95814

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Tribal Chairmen's Association

Mexico*

Dear Mr. DeTerra:

Subject: 2020 State Highway Operation and Protection Program SANDAG
Comments

This letter is in response to your request for comments on the draft 2020 State Highway Operation and Protection Program (SHOPP). The San Diego Association of Governments (SANDAG) appreciates the opportunity to review and comment. In general, SANDAG appreciates the investment that Caltrans is making to improve the safety and conditions of the state highway system and recognize the importance of establishing and meeting Transportation Asset Management Plan performance goals.

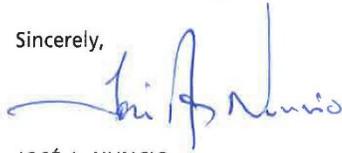
SANDAG and Caltrans District 11 staff meet regularly to discuss transportation priorities in the region. Through the years the strong collaboration has helped us jointly achieve far more than we would have achieved independently. By focusing on common goals to reduce congestion and improve the operation of the transportation system we have been able to leverage SHOPP and local funds to achieve efficiencies in the delivery of significant improvements including auxiliary lanes, truck climbing lanes, and freeway-to-freeway connector projects. We value this strong partnership and look forward to its continuance.

We met on February 11, 2020, to specifically discuss the draft 2020 SHOPP. The funding provided by Senate Bill 1 (SB 1) has significantly increased the overall size of the SHOPP. Projects proposed in San Diego County total over \$1.3 billion. One notable feature of the draft 2020 SHOPP is the significant increase in average project cost for the projects in the San Diego region. The overall program for San Diego County includes 42 projects with an average cost of roughly \$31.8 million. There are 29 carryover projects and 13 new projects. The average carryover project is roughly \$19.1 million; the average new project is roughly \$60.2 million. SANDAG encourages Caltrans to consider impacts to the contracting community and bidding environment to avoid unintended consequences of the full asset management approach to SHOPP programming.

As the impact of SB 1 funding becomes more evident over time through improved asset condition, SANDAG would like to see more SHOPP funding available for operational improvements and innovation. As stated in previous SHOPP cycles, SANDAG continues to encourage mobility projects in the SHOPP. Investments in the mobility program can provide significant, near-term benefits to the travelling public. SANDAG appreciates the programming of Transportation Management Systems (TMS) projects and inclusion of TMS elements as part of its asset management program and will continue to work with District 11 to identify cost-effective solutions to improve mobility in the region through technology and innovation.

Should you have any questions, please contact Dawn Vettese at (619) 595-5346 or via email at dawn.vettese@sandag.org.

Sincerely,



JOSÉ A. NUNCIO
TransNet Department Director

JNU/DVET/ais

cc: Gustavo Dallarda, Acting District Director, Caltrans District 11

Caltrans Response to the San Diego Association of Governments (SANDAG):

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Caltrans staff understand and appreciate your concern regarding the average estimated project costs for the 13 new projects identified in the SHOPP as compared to the 29 carryover projects. The contracting community and bidding environment will continue to be considered throughout the project development process. As Caltrans further implements asset management and put together comprehensive, efficient, and cost-effective projects, the project costs will be considered along with potential impacts to the contracting community.

While the current average project cost for the 13 new projects is about \$60 million, only 5 of those projects are over \$75 million and 5 are below \$25 million. It is the local Caltrans District's intent to clear the full scope of these larger projects environmentally as the projects are on a single corridor. However, as the project scope continues to be refined during the PA&ED phase, opportunities will be sought to possibly break these projects into smaller packages either during the final design or for construction.

Caltrans District 11 appreciates the strong partnership with SANDAG and look forward to continued collaboration as we work together in shaping the transportation priorities in the region.

Comments submitted by:

Oscar Quintanilla

San Francisco Public Works

2020 State Highway Operation and Protection Program Public Comments

A portion of Route 1 Roadway Preservation was included in the 2018 SHOPP list, but did not include the segment between Lincoln Way and Halloway Ave. Per Caltrans’s project website (<https://dot.ca.gov/caltrans-near-me/district-4/d4-projects/d4-san-francisco-state-route-1-paving>), this segment was going to be added as a separate project. Why is this project not part of the Draft 2020 SHOPP list?

Caltrans Response to San Francisco Public Works:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. The portion of the project mentioned between Lincoln Way and Halloway Avenue was previously part of a paving project. However, work on this section was deferred due to a City project to install utilities within the same limits. Based on the Bay Area’s significant needs, asset management priorities and the financial constraints of the Proposed 2020 SHOPP, Caltrans plans to nominate a new project in the 2022 SHOPP to complete the paving for this remaining portion.



SAN JOAQUIN COUNCIL OF GOVERNMENTS

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February 28, 2020

Ms. Donna Berry
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Division of Transportation Programming, Caltrans
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AND
THE COUNTY OF
SAN JOAQUIN

Re: SJCOG Comments on the Draft 2020 SHOPP

Dear Ms. Berry:

The San Joaquin Council of Governments (SJCOG) appreciates the opportunity to provide comments on the Draft 2020 State Highway Operation and Protection Program (SHOPP).

SJCOG is highly supportive of the inclusion of funding in the SHOPP for the Phase 1A of the State Route 99/120 Connector Project located in the City of Manteca, EA 10-1E74U. This contribution of funding will combine with Senate Bill 1, STIP, and local funding to complete the funding package of this critical operational improvement project.

SJCOG has been participating with District 10 in the project delivery process of the I-5 Stockton Channel Viaduct, EA 10-0X460. This critical goods movement project is currently completing the PA&ED Phase and is proposed to be programmed in the Draft 2020 SHOPP as a Long Lead Project with funding for the remaining phases in Fiscal Year 2024/25. This is a serious issue as the Federal Highway Administration will not allow the final environmental document to be completed unless funding is shown in the fiscally constrained four-year period of the Federal Transportation Improvement Program (FTIP). SJCOG requests that funding for the PS&E Phase of this project be advanced to Fiscal Year 2020/21 to allow the project to complete the PA&ED Phase and maintain the project delivery schedule. SJCOG has consulted with District 10 staff who have concurred that there is sufficient programming capacity in the District's Asset Management plan to allow this advancement.

Thank you very much for the opportunity to provide comments on the Draft 2020 SHOPP. If you have any questions, please contact me at (209) 235-0588 or at niblock@sjcog.org.

Sincerely,

RYAN CORDERO NIBLOCK
Senior Regional Planner
San Joaquin Council of Governments

- cc: Mr. Bruce De Terra, Chief, Division of Transportation Programming
- Mr. David Cortez, Branch Chief, Caltrans District 10 Programming and Project Delivery Support
- Ms. Sinaren Pheng, Caltrans District 10 Sustainability & Asset Manager
- Ms. Silvia Dayak, Caltrans District 10 SHOPP Coordinator
- Mr. Sam Sherman, Caltrans District 10 PPM Division

Caltrans Response to the San Joaquin Council of Governments (SJCOG)

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Caltrans welcomes our partnership with SJCOG to deliver transportation improvements and values your feedback in efforts to protect, preserve and rehabilitate State Highway System infrastructure to meet safety, emergency, mandates, and fix-it-first needs on all routes, including the Routes 5 and 99 projects mentioned. The Stockton Channel Viaduct project is a large project that requires coordination between Caltrans and SJCOG. Caltrans is committed to working together to find solutions for development and delivery of this important project, including resolution of the FTIP issue mentioned.

Comments submitted by:

Emma Shlaes

Silicon Valley Bicycle Coalition

2020 State Highway Operation and Protection Program Public Comments

We are interested in tracking the following projects to ensure that biking and walking is adequately accommodated on these state routes and safety is a factor in project implementation. We feel these projects should be fully vetted by the local community and agencies to meet today's standards. Let us know how we can be of assistance.

Santa Clara-35

Santa Clara 82 - MV, Los Altos, And PA _ pavement rehabilitation

Santa Clara 87 - In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation.

San Mateo 92 - In San Mateo County on Routes 92, 101, 280, and 380 at various locations.

Enhance pedestrian and bicyclist safety by installing flashing beacon systems, upgrading crosswalk markings and ramp metering systems, and upgrading facilities to Americans with Disabilities Act (ADA) standards.

San Mateo-82 In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards

San Mateo-1 In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard. Rehabilitate roadway, upgrade guardrail and Transportation Management System

(TMS) elements, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and make bicycle improvements.

Caltrans Response to the Silicon Valley Bicycle Coalition:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Below is a response to the projects of interest:

Santa Clara - 35: This portion of Route 35 does not have shoulders. The project is currently in the environmental clearance (PA&ED) phase, Caltrans will work with the County and local cities to incorporate any complete street elements where feasible.

Santa Clara - 82 – Mountain View, Los Altos, and Palo Alto - Pavement Rehabilitation: This project is currently in the PA&ED phase, Caltrans will continue to work with the cities to incorporate the complete street elements in conjunction with the local streetscape projects.

Santa Clara - 87 – In San Jose, from Route 85 to West Julian Street - Roadway Rehabilitation: All the proposed work is on the mainline roadway. Caltrans will coordinate with the City of San Jose on any opportunity to incorporate any feasible bike and pedestrian features within the project limits.

San Mateo - 92 – On Route 92, 101, 280, and 380, at various locations - Enhance Pedestrian and Bicyclist Safety: Caltrans will keep the cities informed as the project progresses through the PA&ED phase.

San Mateo - 82 – In Burlingame, Hillsborough, and Millbrae, from Barroihet Avenue to Millbrae
- Upgrade curb ramps and sidewalks to ADA standards: Caltrans will keep the Cities informed as the project progresses through PA&ED.

San Mateo - 1 – In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard - Rehabilitate roadway, upgrade guardrail and TMS elements: Caltrans will keep the Cities informed as the project progresses through PA&ED.

Comments submitted by:

David Chan

Transportation Authority of Marin

2020 State Highway Operation and Protection Program Public Comments

Phase 1 of the MRN 101 Ramp Metering Project is currently under construction to alleviate congestion on US101 in Marin County. Phase 1 is scheduled for completion in 2021. Phase 2 of the MRN101 Ramp Metering Project is listed in the 2020 SHOPP as SHOPP ID#17183, and is currently proposed to RTL in 2026/27. Phase 2 is already environmental cleared. TAM is requesting to work with Caltrans to advance the Phase 2 project to be included in the 2020 SHOPP for the PS&E phase. Phase 1 and Phase 2 work in conjunction to improve the operations of entire US101 in Marin County and reduce congestion consistent with Asset Management and other state policies on a more accelerated schedule.

Caltrans Response to the Transportation Authority of Marin:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Advancing Phase 2 of the referenced Ramp Metering Project would deliver the congestion relief benefits sooner. However, Phase 2 has an estimated capital cost of over \$50 million, and based on the Bay Area's significant needs and asset management priorities, the financially constrained 2020 SHOPP does not have the capacity to fund Phase 2 sooner than Fiscal Year 2026-27. If opportunities become available, this project can be reassessed to align with needs.

Comments submitted by:

William Burton

Public: Active Transportation, Transit User

2020 State Highway Operation and Protection Program Public Comments

All work in Trinity County, pages 517 to 519, will impact Trinity Transit bus service. Keeping bus service on schedule is critical for making distant connections, and general usefulness of bus system. Delays of over 15 minutes by road work is not acceptable for continued reliable bus usage.

If delays by Caltrans work of over 10 minutes is realized, bus passenger fares and costs of lost connections should be paid by Caltrans.

Caltrans Response to William Burton:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. Caltrans is mindful of these impacts to the public and is attempting to stagger work and implement other innovative construction techniques to minimize future delays, including those found in the Proposed 2020 SHOPP. Caltrans has been in coordination and will continue to be in coordination with Trinity Transit to ensure they are adequately informed of potential delays on state routes, and if possible, to ensure that delays are minimized during transit trips.

Comments submitted by:

William Burton

Public: Bicycle User

2020 State Highway Operation and Protection Program Public Comments

In Monterey County, the repair of roadway between Castroville and Salinas needs to widen shoulder and move fog stripe to accommodate active transportation on right edge of roadway. For decades no one rides a bike to Salinas because this section of roadway lacks safe space for bicycle use. This project is mentioned on page 300 of your report.

Caltrans Response to William Burton:

Thank you for commenting on the Proposed 2020 State Highway Operation and Protection Program (SHOPP) project list. The scope of the project referenced is not anticipating a change or upgrade to the existing roadway geometric features such as roadway width. Although the existing shoulder is not a current bicycle lane, this roadway is considered a bicycle route. The asphalt pavement will therefore be designed for a full width overlay from edge of existing pavement to opposing edge of existing pavement. The new surface will remove the existing pavement lip between the rumble strip and the paved shoulder, providing an improved smooth transition through the shoulder to the edge of pavement that will benefit bicycles using the roadway.

[EXHIBIT G: Commission SHOPP Guidelines \(June 2019\)](#)

SHOPP Guidelines

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CALIFORNIA TRANSPORTATION COMMISSION

**STATE HIGHWAY OPERATION AND
PROTECTION PROGRAM GUIDELINES**

CALIFORNIA TRANSPORTATION COMMISSION
STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

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CALIFORNIA TRANSPORTATION COMMISSION

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

I. INTRODUCTION

1. Purpose

These guidelines describe the policy, standards, criteria and procedures for the California Transportation Commission's (Commission) development, adoption, and management of the State Highway Operation and Protection Program (SHOPP).

2. Commission Mission

The Commission is an independent public agency dedicated to ensuring a safe, financially sustainable, world-class multimodal transportation system that reduces congestion, improves the environment, and facilitates economic development through the efficient movement of people and goods.

3. Guidelines Objectives

These guidelines were developed and adopted with the following basic objectives:

- a. Develop the SHOPP as a resource management document that is consistent with the Transportation Asset Management Plan (TAMP) and the State Highway System Management Plan.
- b. Accelerate project delivery, to ensure efficient use of funds, and to address deferred maintenance on the state highway system.
- c. Establish allocation thresholds that the Commission determines are necessary to ensure efficiency and provide exceptions as needed so that projects are not unnecessarily delayed.
- d. Recognize that accountability, flexibility, and simplicity are key components to the objectives of the Guidelines.

4. Statutory Authority

See Appendix B for a listing of the Statutory Authority related to the SHOPP Guidelines.

5. Applicability of SHOPP Guidelines

The SHOPP Guidelines apply to projects programmed in the SHOPP. The SHOPP Guidelines do not apply to transportation programming requirements specified in Federal Transportation Improvement Programs (FTIP) and the

Federal Statewide Transportation Improvement Program (FSTIP) required by federal statutes. Generally, all projects receiving federal transportation funds must be programmed in a FTIP (for projects in urbanized regions) and in a FSTIP. Metropolitan Planning Organizations are responsible for developing and adopting FTIPs and the California Department of Transportation (Caltrans) is responsible for preparing the FSTIP. The requirements for FTIPs and the FSTIP are specified in federal statutes (Title 23 United States Code) and federal regulations (23 Code of Federal Regulations part 450).

6. Compliance with Federal and State Requirements

Caltrans shall comply with all federal and state requirements.

7. Amendments to the Guidelines

The Commission may amend the adopted SHOPP guidelines after first giving notice of the proposed amendment and conducting at least one public hearing.

8. Delegation of Authority

As of the date of these SHOPP Guidelines, the Commission has taken formal action to delegate certain authorities to Caltrans. The following resolutions are included in the appendices:

- Resolution G-00-13: Project Development Costs
- Resolution G-19-01: Sub-allocation and Adjustment of Right of Way Capital
- Resolution G-19-05: Sub-allocation and Adjustment of the SHOPP Minor Program.
- Resolution G-06-13: Allocation of Funds for Safety Projects.
- Resolution G-11-16: Funding Emergency Condition Response Projects.
- Resolution G-19-12: Adjustment and Modification of Project Allocations and Descriptions.

II. SHOPP DOCUMENT OVERVIEW AND DEVELOPMENT

9. General

The SHOPP is a biennial program adopted no later than April 1 of each even-numbered year. Consistent with the Biennial State Transportation Improvement Program (STIP) Fund Estimate, each SHOPP will cover the last two years of the previous SHOPP and add two new years of programming capacity.

10. SHOPP Preparation

Pursuant to Government Code Section 14526.5(a), and consistent with the TAMP, Caltrans shall prepare a four-year SHOPP for the expenditure of transportation funds for major capital improvements needed to preserve and protect the state highway system. Consistent with the TAMP and the State Highway System Management Plan, each new SHOPP document shall include projects carried forward from the previous SHOPP, new projects, and reservations. The total amount programmed in each fiscal year of the SHOPP shall not exceed the amount specified in the STIP Fund Estimate.

It is the Commission's expectation that the Department will perform outreach and gather input from local partners in the development of the SHOPP. This should include, but not be limited to, stakeholder input on: the State Highway System Management Plan, the SHOPP Ten-Year Project Book, and the selection of new projects to be included in the four-year SHOPP Program.

Pursuant to Streets and Highways Code Section 2030 (2), to the extent possible and cost-effective, and where feasible, Caltrans shall:

- a. Use advanced technologies and material recycling techniques that reduce the cost of maintaining and rehabilitating the streets and highways, and that exhibit reduced levels of greenhouse gas emissions through material choice and construction method.
- b. Use advanced technologies and communications systems in transportation infrastructure that recognize and accommodate advanced automotive technologies that may include, but are not necessarily limited to, charging or fueling opportunities for zero-emission vehicles, and provision of infrastructure-to-vehicle communications for transitional or full autonomous vehicle systems.
- c. In the context of both the project scope and the risk level for the asset due to global climate change, include features in projects to better adapt the asset to withstand the negative effects of climate change and make the asset more resilient to impacts such as fires, floods, and sea level rise.
- d. In the context of facility type, right of way, project scope, and quality of nearby alternative facilities, incorporate complete street elements, including, but not limited to, elements that improve the quality of bicycle and pedestrian facilities and that improve safety for all users of transportation facilities.

Each new SHOPP document shall include a summary for each item listed above and how the proposed submittal of projects meets the above expectations.

11. SHOPP Development Schedule

The following schedule lists the major milestones for the development and adoption of the SHOPP:

Milestone	Deadline
Caltrans submits the proposed State Highway System Management Plan to the Commission for review and comments	By February 15 of odd-numbered years.
Commission reviews and comments on the State Highway System Management Plan	March of odd-numbered years
Caltrans submits final State Highway System Management Plan to Governor and Legislature	By June 1 of odd-numbered years
Caltrans presents Draft Fund Estimate to the Commission	By July 15 of odd-numbered years
Commission adopts Fund Estimate	By August 15 of odd-numbered years
Caltrans and Regional Transportation Planning Agencies coordinate in the development of candidate projects	Ongoing
Caltrans to share initial draft of proposed SHOPP with Regional Transportation Planning Agencies	Beginning of December of odd-numbered years
Caltrans submits proposed SHOPP	By January 31 of even-numbered years
SHOPP Hearing in Northern California	February of even-numbered years
SHOPP Hearing in Southern California	March of even-numbered years
Commission Adopts SHOPP and Submits to Legislature and Governor	By April 1 of even-numbered years

12. Eligibility

Projects eligible for SHOPP funds include major capital improvements that are necessary to preserve and protect the state highway system and are consistent with the TAMP. Projects included in the program shall be limited to improvements relative to the maintenance, safety, operation, and rehabilitation of state highways and bridges that do not add a new traffic lane to the system.

Examples of SHOPP-eligible operation improvement projects include, but are not limited to the following:

- a. Auxiliary lanes near ramps and interchanges to allow for safe acceleration and deceleration of entering and exiting vehicles.
- b. Intersection modifications including traffic signals.

- c. Slow vehicle lanes on conventional highways and four lane freeways, where justified on the basis of an engineering analysis.
- d. Curve and vertical alignment corrections.
- e. Two-way left turn lanes.
- f. Channelization.
- g. Turnouts.
- h. Chain control and truck brake inspection sites.
- i. Shoulder widening.
- j. Traffic Management Systems.
- k. Traffic Management Centers.
- l. Multimodal corridor projects.

13. Display of Project Scope, Budget, Schedule, and Project Outputs

The SHOPP document shall include the following information for each project:

- a. The project title, including a brief description of the project location and limits (community name, corridor, street name, etc.), and a phrase describing the type and scope of the project.
- b. A unique project identification number provided by Caltrans.
- c. For projects on the state highway system, the route number and post-mile limits.
- d. Any appropriate funding restriction or designation, including projects requiring state-only funding, or projects requiring federal funds.
- e. Planned project outputs for each project. The project outputs should be based on quantified and qualitative information to document transparently and in plain language how the project is consistent with the Commission-approved TAMP.
- f. A notation indicating that the project has met the threshold and will be required to submit a Senate Bill (SB) 1 SHOPP Baseline Agreement.

14. Project Budget

For each project in the SHOPP, Caltrans shall identify each phase of a project and include the specified budget, including the source and amounts of non-SHOPP funds, if any, committed to the project phase and overall project. Pursuant to Government Code Section 14526.5(c)(1), Caltrans, at a minimum, shall specify, for each project in the SHOPP (where applicable), the

budget for each of the following project phases:

- Project Approval and Environmental Document (PA&ED phase) (only consists of support)
- Plans, Specifications, and Estimate (PS&E phase) (only consists of support)
- Right of way (support and capital)
- Construction (support and capital)

15. Project Milestone Dates

Each phase of a project must have a specified schedule. Pursuant to Government Code Section 14526.5(c)(2), Caltrans shall specify a projected delivery date for each of the following components:

- PA&ED phase completion
- PS&E phase completion (signified as Ready to List (RTL))
- Right of way certification
- Start of Construction

16. Database

Caltrans is responsible for maintaining an electronic database record of the adopted SHOPP documents and Commission actions that amend the SHOPP. The current database is known as the California Transportation Improvement Program System (CTIPS).

Consistent with this database, Caltrans shall develop and maintain a transparent system to display in plain language each SHOPP project's support and capital budget, schedule, scope, expected project outputs and updates thereof to enhance communication among the districts and headquarters, to ensure efficient management of the entire portfolio, and to provide public transparency.

III. RELATED STATUTORY DOCUMENTS

17. Transportation Asset Management Plan

Pursuant to Government Code Section 14526.4, Caltrans in consultation with the Commission shall prepare a robust Transportation Asset Management Plan to guide selection of projects for the SHOPP. The Commission reviews and approves the Transportation Asset Management Plan and adopts targets and performance measures reflecting state transportation goals and objectives. The Transportation Asset Management Plan is a strategic and systematic process of operating, maintaining, and upgrading physical assets effectively through their lifecycle by focusing on

business and engineering practices for resource allocation and utilization based on well-defined objectives. Pursuant to Government Code Section 14526.7(a), Caltrans shall incorporate the performance targets adopted by the Commission pursuant to Government Code Sections 14526.4 and 14526.5. On March 26, 2015, the Commission approved four asset classes for the first phase of the Transportation Asset Management Plan that included: pavement, bridge, culverts, and transportation management system elements.

Notwithstanding the foregoing, SB 1 (Beall, Chapter 5, Statutes of 2017) states the Legislature's intent that Caltrans meet the following preliminary performance outcomes for additional state highway investments by the end of 2027, in accordance with applicable state and federal standards:

- Not less than 98 percent of pavement on the state highway system in good or fair condition.
- Not less than 90 percent level of service achieved for maintenance of potholes, spalls, and cracks.
- Not less than 90 percent of culverts in good or fair condition.
- Not less than 90 percent of the transportation management system units in good condition.
- Fix not less than an additional 500 bridges.

On March 21, 2018, the Commission approved the Transportation Asset Management Plan, the annual performance benchmarks for the four primary asset classes (bridges, pavements, drainage systems, and transportation management system elements), and the annual performance targets for all supplementary asset classes.

18. State Highway System Management Plan

Pursuant to Streets and Highways Code Section 164.6(a)(1), Caltrans shall prepare a State Highway System Management Plan. The State Highway System Management Plan shall include a ten-year state highway system rehabilitation plan for the rehabilitation or reconstruction, or combination thereof, by the SHOPP, of all state highways and bridges owned by the state.

Pursuant to Streets and Highways Code Section 164.6(a)(2), the State Highway System Management Plan shall also include a five-year maintenance plan that addresses the maintenance needs of the state highway system. The maintenance plan shall be updated every two years. The maintenance plan shall include only maintenance activities that, if the activities are not performed, could result in increased SHOPP costs in the future. The maintenance plan shall identify any existing backlog in those maintenance activities and shall recommend a strategy, specific activities,

and an associated funding level to reduce or prevent any backlog during the plan's five-year period.

IV. FUNDING

19. Biennial STIP Fund Estimate

By July 15 of each odd-numbered year, Caltrans shall submit to the Commission a proposed fund estimate for the following five-year STIP period which also includes proposed program funding levels for the SHOPP. The Commission shall adopt the STIP Fund Estimate by August 15 of that same year. The assumptions on which the STIP Fund Estimate is based shall be determined by the Commission in consultation with Caltrans, regional agencies, and county transportation commissions.

20. State-Only Funding

Projects must follow the Federal-Aid Project Funding Guidelines as adopted by the Commission. The Commission will assume that all projects will be qualified for federal transportation funding unless specifically exempt per the Federal-Aid Project Funding Guidelines. Whenever Caltrans deviates from the Federal-Aid Project Funding Guidelines and designates a project to be programmed for state-only (non-Federal) funding, it will explain the reason for this designation. Unless consistent with the Federal-Aid Project Funding Guidelines, projects programmed without a state-only designation and later proposed for state-only funding allocations will be subject to Commission approval at allocation.

21. Joint State and Local Funding

If Caltrans and a local or regional agency agree, they may, if consistent with all applicable laws and regulations, recommend that a new project or a project cost increase be jointly funded from state and local funds and execute a cooperative agreement to reflect the agreed participations.

22. Grant Anticipation Revenue Vehicle (GARVEE) Bonding

If the fund estimate forecasts the availability of federal funding for the SHOPP, the Commission may, by SHOPP amendment, select SHOPP eligible projects proposed for accelerated construction through Grant Anticipation Revenue Vehicle (GARVEE) bonding. The Commission will select projects for GARVEE bonding that rehabilitate and/or improve operation of corridors and gateways for interregional travel and goods movement, especially projects that promote economic development and projects that are too large to be programmed within the SHOPP on a pay-as-you-go basis. The Commission's expectation is that, generally, these will be projects with very high costs.

Each bond will be structured for debt service payments over a term of not more than 12 years. In designating SHOPP projects for bonding and scheduling bond sales, the Commission will give consideration to an overall annual debt service limit of 15 percent of Federal revenues available to the SHOPP.

GARVEE bonds cover only the federally-funded portion of a project's cost (generally 88.5 percent). GARVEE bonding in California is structured so that the state's future federal transportation apportionments pay all debt service. This requires that the entire non-federal portion of project cost (including costs of issuance and interest) be provided at the time of construction on a pay-as-you-go basis. The Commission's policy is that the non-federal portion of project costs will be programmed within the current SHOPP capacity. Although local funds may be applied to the non-federal share, the ability of a local agency to contribute its funding to a SHOPP project will not be a major criterion in the selection of SHOPP projects for GARVEE bonding.

V. ADOPTION/PROGRAMMING

23. SHOPP Submittal

Pursuant to Government Code Section 14526.5(d), Caltrans shall submit the proposed SHOPP to the Commission no later than January 31 of each even year. Caltrans shall provide the Commission with detailed information for all projects including, but not limited to, cost, scope, schedule, and project outputs. The SHOPP document will describe in plain language its overall adequacy and consistency with the State Highway System Management Plan as well as the Commission approved Transportation Asset Management Plan, funding priorities established in Streets and Highways Code Section 167, the level of annual funding needed to implement the program, and the impact of those expenditures on the State Transportation Improvement Program. Prior to submitting its proposed program, Caltrans shall make a draft of the proposed SHOPP available to transportation planning agencies for review and comment and shall include the comments in its submittal to the Commission.

24. Adoption

Pursuant to Government Code Section 14526.5(e), the Commission shall review each SHOPP document relative to its overall adequacy and consistency with the Transportation Asset Management Plan prepared and approved pursuant to Government Code Section 14526.4 and funding priorities established in Streets and Highways Code Section 167, the level of annual funding needed to implement the program, and the impact of those expenditures on the STIP.

Not later than April 1 of each even numbered year the Commission shall adopt the SHOPP document and submit it to the Legislature and to the

Governor. The Commission may decline to adopt the SHOPP if the Commission determines that the program is inadequate or it is not sufficiently consistent with the State Highway System Management Plan and Transportation Asset Management Plan.

Pursuant to Government Code Section 14526.5 (f), as part of the Commission's review, the Commission shall hold at least one hearing in northern California and one hearing in southern California regarding the proposed program.

Each SHOPP document shall be a statement of the Commission's intent for allocation and expenditure of funds for the following four years as well as a resource management document to assist in the planning and utilization of transportation resources in a cost-effective manner. Each adopted SHOPP document shall remain in effect until a new SHOPP is adopted.

Caltrans will publish the SHOPP document within 75 days of the SHOPP adoption and make copies available to the Commission. To facilitate development, analysis and management of the SHOPP, Caltrans will provide the Commission appropriate access to the SHOPP database.

Projects allocated for construction in prior SHOPP documents, but which have not achieved final acceptance, are incorporated by reference in the newly adopted SHOPP document until final acceptance is achieved and a final report of actual expenditures against Commission allocations is provided to the Commission.

25. Project Initiation Documents

A new project may only be programmed in the SHOPP with a complete Project Initiation Document that defines and justifies the project scope, cost, schedule, and expected outcomes and benefits including project outputs. A Project Initiation Document is a report that meets the standards of the Commission's *Guidelines for the Preparation of Project Study Reports*. The Project Initiation Document must provide a preliminary estimate of costs for all components. The Project Initiation Document must be submitted, or a link may be provided to view the document electronically. Each Project Initiation Document must account for known risks that might impact the project budget, scope, schedule, and achievement of project outputs from initiation through construction completion. Development of the Project Initiation Documents should include input from local stakeholders as appropriate.

26. Project Selections

Consistent with the Transportation Asset Management Plan and the State Highway System Management Plan, Caltrans shall establish a transparent selection process to select quality eligible projects for each SHOPP document. Each eligible project's planned project outputs must be identified and be consistent with the Transportation Asset Management Plan.

Stakeholder input should be considered when selecting projects for the SHOPP document.

27. Programming Project Components Sequentially

Caltrans may not begin project development work on SHOPP projects until the project is programmed in the SHOPP document. Pursuant to Commission Resolution G-00-13, a SHOPP eligible project may be programmed for environmental work only. The Commission recognizes a particular benefit in programming projects for environmental work only, since project costs and particularly project scheduling often cannot be determined with meaningful accuracy until environmental studies have been completed. The premature programming of post-environmental components can needlessly tie up SHOPP programming resources while other transportation needs go unmet.

The Commission will program a project component only if it makes a determination that the component itself is fully funded, either from SHOPP funds or from other committed funds. The Commission will regard non-SHOPP funds as committed when the local agency with discretionary authority over the funds has made its commitment to the project by ordinance or resolution and has entered into a cooperative agreement with Caltrans.

When applicable for federal formula funds, including Regional Surface Transportation Program and Congestion Mitigation and Air Quality Improvement Program, the commitment may be by FTIP adoption.

A project that is programmed prior to receiving federal approval for construction must receive the federal approval for construction prior to construction allocation.

28. Programming of Long-Lead and Contingency Projects

Commission Resolution G-00-13, approved in June 2000, provides Caltrans with a means to commence project delivery efforts on SHOPP Long Lead projects that require periods longer than the four-year SHOPP time frame to develop. Subject to the approval of the Commission, Long Lead projects shall be programmed in the SHOPP and will be subject to the same delivery, management, and reporting requirements as all other SHOPP projects in the Commission-adopted program.

The Commission further authorized Caltrans to program contingency projects for pre-construction development only, when appropriate, thus creating projects that address performance goals without committing SHOPP resources to construction capital and support prematurely, before the resources are actually needed.

29. Multi-Modal Corridor Projects

SHOPP eligible Multi-Modal Corridor projects may be programmed in the SHOPP when consistent with the Transportation Asset Management Plan and the State Highway System Management Plan. A corridor is defined as a largely linear geographic band defined by existing and forecasted travel patterns involving both people and goods. The corridor serves a particular travel market or markets affected by similar transportation needs and mobility issues. It includes various modes that provide similar or complementary transportation functions, including cross-mode connections.

30. Completion of Environmental Process

The Commission may program funding for project right of way or construction only if it makes a determination that Caltrans will complete the environmental process and can proceed with right of way acquisition or construction within the four-year period of the SHOPP.

Pursuant to Public Resources Code Section 21102, the Commission will not allocate funds to projects for design, right of way or construction until the final environmental document is complete and the Commission has approved the environmentally cleared project for consideration of future funding. For projects that are categorically cleared, a Caltrans determination of categorical exemption is acceptable.

31. Programming Combined SHOPP and Non-SHOPP Projects

Where a project or project component is to be programmed and funded from both SHOPP and non-SHOPP sources, the project description shall indicate whether the non-SHOPP programming commitment is for a particular dollar amount, a particular percentage of total project cost, or a particular element or item of work. All SHOPP projects must be expended proportionally, except as otherwise approved by the Commission. The Commission must approve non-proportional spending for the initial expenditure of SHOPP funds before other non-SHOPP resources. For projects funded from both SHOPP and non-SHOPP sources and where the Commission has approved non-proportional spending allowing for the expenditure of SHOPP funds before other funds (sometimes referred to as sequential spending), the project is not eligible for an increase (supplemental) allocation under the authority delegated to Caltrans by Commission Resolution G-19-12 until all other non-SHOPP funds committed to the project have been expended.

32. Programming Escalations

Caltrans is responsible for applying escalations when recommending projects to the Commission for programming. The amount programmed for each project phase shall be escalated to the mid-point of the duration of each phase. The standard escalation rate shall be the rate specified in the

last Commission adopted Fund Estimate for the SHOPP. Caltrans may elect to use alternative escalation factors as it deems appropriate.

VI. ALLOCATIONS

33. Safety Projects

Pursuant to Commission Resolution G-06-13 Caltrans may allocate up to 120 percent of the programmed construction funds to SHOPP safety projects. Caltrans shall bring forward for Commission consideration any safety project with a construction allocation greater than or equal to 120 percent of the programmed amount.

34. Emergency Condition Response Projects

Pursuant to Commission Resolution G-11-16 Caltrans is authorized to allocate funds for emergency condition response projects and associated right of way acquisition from appropriate state and federal fund sources to immediately perform emergency work on state-owned transportation facilities and property or related work in adjacent areas, with the understanding that these allocations will be amended into the SHOPP and reported to the Commission at its next meeting.

35. Minor Projects

Pursuant to Commission Resolution G-19-05, the Commission delegated authority to Caltrans for sub-allocations and/or adjustment authority to streamline and help in the management of minor projects. The Minor Reserve in the SHOPP is for SHOPP-eligible projects only that are consistent with the Commission adopted Transportation Asset Management Plan. The Commission will not allocate funds from the SHOPP minor program for enhancements, mitigation, or cost increases for STIP projects.

36. Allocation of Support and Construction Funds

Pursuant to Government Code Section 14526.5(g) the Commission is required to allocate Caltrans' capital outlay support resources by project phase, including preconstruction. Through this action, the Commission will provide public transparency for Caltrans' budget estimates, increasing assurance that the annual budget forecast is reasonable. The following applies to the Commission's allocations effective July 1, 2017:

- a. The Commission allocates the programmed support and construction capital funds for all projects listed in the SHOPP. This establishes the original allocation budget for each phase.
- b. The Commission will consider allocation of funds for a programmed project or programmed phase when it receives an allocation request and recommendation from Caltrans. The Commission will only consider

an allocation of construction capital and/or construction support funds to projects that are ready to advertise.

- c. For ready-to-advertise projects, the Commission expects Caltrans to certify that a project's plans, specifications, and estimate are complete, constraints are cleared for environmental and right of way, and all necessary permits and agreements (including railroad construction and maintenance) are secured. These projects are considered Ready to List (RTL) by Caltrans.
- d. Projects not ready for advertisement will not be placed on the Commission's agenda for allocation approval.
- e. Unless otherwise approved by the Commission in accordance with the Timely Use of Funds provisions, all construction capital allocations are valid for six months from the date of allocation unless the Commission approves a contract award time extension.
- f. Unless otherwise approved by the Commission in accordance with the Timely Use of Funds provisions, all allocations for support are valid for six months from the date of allocation unless the Commission approves a project expenditure time extension.
- g. All allocations will be made in units of \$1,000, and all allocation requests shall therefore be in units of \$1,000.
- h. The allocation request will include a determination of the availability of funding and a recommendation on the source of funding. The recommendation on the source of funding shall include the amounts by fund account (i.e., State Highway Account, Public Transportation Account, Road Maintenance and Rehabilitation Account, or Federal Trust Fund) as well as the fund type within the account. Caltrans' recommendation to the Commission for state-only funding of a project will be made in accordance with Caltrans' current policy for exceptions to federal funding. The final determination of fund type available for a project will be made in the Commission's allocation of funds to the project. The Commission will approve the allocation only if the funds are available and are necessary to implement the project as programmed in the SHOPP.
- i. Pursuant to Public Resources Code Section 21102, the Commission may not allocate funds for design, right of way, or construction prior to documentation of environmental clearance under the California Environmental Quality Act (CEQA). For projects that are categorically cleared, a Caltrans determination of categorical exemption is acceptable. As a matter of policy, the Commission will not allocate funds for design, right of way, or construction of a federally funded project prior to documentation and/or determination as appropriate of environmental clearance under the National Environmental Policy Act

(NEPA). Exceptions to this policy may be made in instances where federal law allows for the acquisition of right of way prior to completion of NEPA review and the project is not subject to CEQA or compliance with CEQA is achieved.

- j. Each project's phase must be allocated on time consistent with the fiscal year programmed by the Commission. Scheduled fiscal year allocations must be completed no later than June 30th of each year.
- k. Projects using design-build or design-sequencing procurement shall be identified at the time of allocation. If the procurement strategy is changed at a later date, the project shall be amended accordingly. The allocation may be a combined amount to include design, right of way, and construction support and construction.
- l. Projects using the Construction Management/General Contractor delivery method should be identified at the time of programming. If a Construction Management/General Contractor delivery strategy is determined at a later date, the project shall be amended accordingly. During the design phase, the Construction Management contract costs are considered design phase expenditures. Upon award of the construction contract, the contractor shifts to the General Contractor role, and expenditures will be reported as construction phase expenditures. The project will be programmed and allocated in the same manner as projects utilizing design-bid-build delivery, although flexibility in schedule, scope and cost may be requested and approved consistent with allocation and programming capacity, and timely use of funds rules.
- m. If a project or project phase is ready for implementation earlier than the fiscal year that it is programmed in the SHOPP, Caltrans may request an allocation in advance of the programmed year. The Commission may make an allocation in advance of the programmed year if it finds that the allocation will not delay availability of funding for other projects.

37. Allocation of Right of Way Capital

Pursuant to Commission Resolution G-19-01, the Commission delegated authority to Caltrans for sub-allocations and/or adjustment authority to streamline and help in the management of right of capital. Annually, Caltrans will present for Commission review and acceptance a Right of Way Capital Plan. Only programmed projects may be included in the Right of Way Capital Plan. The annual right of way capital allocation will not exceed the amount programmed for capital project costs. Unprogrammed right of way commitments such as post-certification costs and inverse condemnation are funded through the right of way capital fund reservation established in the STIP Fund Estimate.

Prior to the approval of the environmental document, Caltrans is restricted from right of way expenditures with exception of the following activities that

may occur during the PA&ED phase:

- Permits to enter
- Environmental permit fees
- Positive location of utilities
- Agreements for Railroad Coordination
- Preliminary title fees

Commitments related to the items listed above are limited to five percent of the overall amount approved in the Fiscal Year Right of Way Capital Plan.

Starting with projects that are programmed with right of way capital for Fiscal Year 2019-20 or later, projects with right of way capital programming of \$10 million or more must receive Commission approval for project level allocations prior to expenditure of funds. If a project that initially falls below this threshold increases to an amount equal to or exceeding the threshold requirement, an individual project allocation will be required. If a project is individually allocated and project development fees are expended prior to environmental clearance, those expenditures will be paid from Caltrans' sub-allocation.

Caltrans will provide the Commission with quarterly status reports on right of way capital plan expenditures. The report shall include a summary, by program, of the funds programmed, allocated, and expended. Changes to the allocation amounts for individual projects must be included in the quarterly report. Any project identified by Caltrans as needing right of way capital after the Commission acceptance of the Right of Way Capital Plan will need to be reported in the quarterly report, including information on how the additional right of way costs will be managed.

VII. MANAGEMENT & DELIVERY OF THE SHOPP

38. Scope, Cost, Schedule

Caltrans is responsible for managing the entire SHOPP portfolio of projects to meet the state's transportation needs and ensuring that each project is delivered within scope, budget, and schedule consistent with the Transportation Asset Management Plan and State Highway System Management Plan.

39. Management of Reservation Projects

Reservations established at Commission SHOPP adoption are managed on a fiscal year basis, where projects approved by the Commission for amendment in the SHOPP reduce the reservation amount. An increase or decrease to a reservation amount between programming cycles requires Commission action.

40. Management of Minor Projects

Pursuant to Commission Resolution G-19-05, minor projects are managed on a fiscal year basis within a financially constrained annual minor program reservation. Caltrans is responsible for managing within the Commission approved annual minor reservation and assuring that all minor projects are awarded within the approved reservation by the conclusion of each fiscal year.

41. Stewardship

It is a Commission policy that all transportation funds programmed be allocated, awarded, and expended in a timely manner to ensure projects are delivered as promised, public benefits are achieved, the accumulation of excessive fund balances as well as lapsing federal funds are avoided, and performance from each dollar invested to improve California's transportation system is tracked and reported.

42. Timely Use of Funds for PA&ED, PS&E, and Construction Support Phases

The following requirements apply to timely use of funds allocated by the Commission for SHOPP PA&ED, PS&E, and Construction support phases:

- a. Funds that are programmed for these support costs are available for allocation only until the end of the fiscal year identified in the SHOPP. Whenever programmed funds are not allocated by this deadline, the project phase lapses and the phase will be deleted from the SHOPP, unless Caltrans requests an allocation time extension that is approved by the Commission before the end of the fiscal year. If the lapsed phase is critical to the delivery of the project, the project is considered a failed project and all unallocated phases will be de-programmed from the SHOPP.
- b. Funds allocated for the PA&ED and PS&E support phases must initiate expenditure within six months of the date of allocation unless the Commission approves a project expenditure time extension. Whenever allocated support funds have not initiated expenditure within six months of the date of allocation, these allocated funds will be rescinded.
- c. After the Commission's allocation for the PA&ED and PS&E phases, Caltrans has up to 36 months to complete the scope of work specific to that project phase. At the time of allocation, the Commission may extend the deadline for completion of work and the expenditure of funds if necessary to accommodate the proposed expenditure plan for the project.
- d. Funds allocated for construction support must initiate expenditure within one month after the award of the contract or these allocated funds will

be rescinded. Caltrans has up to 36 months to complete the scope of work specific to that project phase. At the time of fund allocation, the Commission may extend the deadline for completion of work and the expenditure of funds if necessary to accommodate the proposed expenditure plan for the project. For the purpose of this section, the construction support phase is deemed to end at construction contract acceptance.

- e. Caltrans will provide a report at each Commission meeting on projects which have not started expending allocated support funds within four months of the date of the Commission's allocation.

43. Timely Use of Funds for Right of Way Support and Capital

The following requirements apply to timely use of funds allocated by the Commission for SHOPP right of way support and capital costs:

- a. Funds that are programmed for Caltrans' right of way support and capital costs are available for allocation only until the end of the fiscal year identified in the SHOPP. Whenever programmed funds are not allocated by this deadline, the project phase lapses and the phase will be deleted from the SHOPP, unless Caltrans requests an allocation time extension that is approved by the Commission before the end of the fiscal year. If the lapsed phase is critical to the delivery of the project, the project is considered a failed project and all unallocated phases will be de-programmed from the SHOPP.
- b. Funds allocated for right of way support and capital must initiate expenditure within six months of the date of allocation unless the Commission approves a project expenditure time extension. Whenever allocated right of way support or capital funds have not initiated expenditure within six months of the date of allocation these allocated funds will be rescinded.
- c. Right of way activities occur during the design and construction phases. To allow sufficient time for completion of work during these two phases, after the Commission's allocation for right of way support or capital, Caltrans has up to 72 months to complete the scope of work specific to that project phase. This policy applies to right of way support or capital allocations that have occurred beginning with June 2017.
- d. At the time of allocation, the Commission may extend the deadline for completion of work and the expenditure of funds if necessary to accommodate the proposed expenditure plan for the project.
- e. Caltrans will provide a report at each Commission meeting on projects which have not started expending allocated support or capital funds within four months of the date of the Commission's allocation.

44. Timely Use of Funds for Construction Capital

The following requirements apply to timely use of construction capital funds allocated by the Commission for SHOPP projects:

- a. Funds programmed for Caltrans' construction capital costs are available for allocation only until the end of the fiscal year identified in the SHOPP. Whenever programmed funds are not allocated by this deadline, the project is considered a failed project and will be deleted from the SHOPP, unless the Commission approves an allocation time extension before the end of the fiscal year.
- b. Funds allocated for construction capital must be encumbered by the award of a construction contract within six months of the date of allocation unless the Commission approves a contract award time extension. The project will be deleted from the SHOPP if funds are not encumbered within approved deadlines.
- c. After the award of the construction contract, Caltrans has up to 36 months to complete (accept) the construction contract. At the time of fund allocation, the Commission may extend the deadline for completion of work and the expenditure of funds if necessary to accommodate the proposed expenditure plan for the project.
- d. Whenever allocated funds are not encumbered by the award of a construction contract or expended within the deadlines specified in section (b) above, all unencumbered or unexpended funds from the allocation will be rescinded for that project.
- e. Caltrans will provide a report at each Commission meeting on projects which have not been awarded within four months of the date of the Commission's allocation.

45. Timely Use of Funds – Extension

- a. Where a programmed project or project phase will not be ready for allocation as programmed in the current fiscal year, Caltrans shall request an extension of the allocation deadline. In the event where a programmed project or project phase is not ready for allocation as programmed in the current fiscal year, Caltrans is prohibited from submitting a SHOPP amendment.
- b. The Commission may allow a one-time extension of up to 20-months for unforeseen and extraordinary circumstance beyond the control of Caltrans and only for the period of delay directly attributed to the extraordinary circumstance. Acceptable time extensions are identified as:
 - Allocation Time Extension
 - Project Expenditure Time Extension

- Contract Award Time Extension
 - Completion Time Extension
- c. For right of way support and capital, the Commission may allow a one-time expenditure time extension for an unforeseen and extraordinary circumstance beyond the control of Caltrans and only for the period of delay directly attributed to the extraordinary circumstance.
 - d. Except for the allocation of funds, the request to extend the deadline for any of the above must be received by Commission staff prior to the expiration date. For allocation of funds, the time extension must be approved by the Commission by June 30th of the year the funds are programmed, otherwise the funds will lapse.
 - e. The extension request should describe the specific circumstance that justifies the extension and identifies the delay directly attributable to that circumstance.

VIII. CHANGE MANAGEMENT

46. Introduction

During the project development process, changes to a programmed project might be necessary to update project phases and to realign a project to meet its objectives and goals. Caltrans is responsible for adjusting and managing project programming changes efficiently. Depending on the circumstance, Caltrans has a number of options available that include: managing each SHOPP project within its delegated authority or allocation, updating the programmed cost through project amendments, and supplemental allocations.

- a. Supplemental Allocations. Once allocated, projects that experience increases in capital or support costs above the amounts in the Commission's allocation and above Commission established thresholds shall require a supplemental project allocation. Caltrans shall, for each project requiring a supplemental project allocation, submit a detailed request to the Commission for its approval.
- b. Construction. The costs programmed and allocated for Caltrans construction projects are to be based on the engineer's final estimate presented to the Commission for an allocation vote. For allocation requests equal to or greater than 120 percent of the programmed amount, Caltrans shall submit a detailed request to the Commission for its approval.
- c. Support. The costs programmed and allocated for Caltrans support is the amount identified and presented to the Commission for allocation. For allocation requests equal to or greater than 120 percent of the programmed amount, Caltrans shall submit a detailed request to the

Commission for its approval.

- d. No adjustments to support or construction capital will be made by Caltrans beyond the authority delegated by Commission Resolution G-19-12.
- e. Changes to project outputs must be approved by the Commission.
- f. The Commission will not amend the SHOPP to change the program year of the funding or the funding amount for any project phase programmed in the current fiscal year except to reprogram funds from a construction project to later mitigation work required for that project, including landscaping or mitigation. The Commission will consider the amendment only if it is proposed concurrently with an allocation of funds programmed for the project in the current fiscal year. These types of amendments are adjustments that may be incorporated into the Commission's allocation action.

47. Managing Within the Commission's Delegated Authority

Pursuant to the Commission Resolution G-19-12, the Caltrans Director is delegated authority to increase the Commission-approved project phase values within pre-established thresholds.

48. Changes via Commission Amendment

Any programmed, unallocated project phase may be updated before the year of delivery of that phase via a Caltrans amendment request. Except for updates necessary at the end of the PA&ED or PS&E phases, only updates for unforeseen and extraordinary circumstances beyond the reasonable control of Caltrans will be considered. A Commission action is needed to amend the project. The Commission encourages Caltrans to implement and recommend procedures that streamline the amendment process and enhance accountability.

49. Changes to Projects in the SHOPP Document

Every two years, with the adoption of the new SHOPP document, project components listed in the SHOPP must be updated, consistent with the TAMP, with its most current estimate so long as that component has not received an allocation of funds. Once allocated, the component must be managed by Caltrans consistent with Commission Resolution G-19-12 parameters. Any project component that has expended its allocation plus its G-19-12 authority must receive a supplemental allocation of funds from the Commission. Caltrans is responsible for implementing a change management process to manage and document the SHOPP cycle changes internally. These SHOPP changes must be identified, documented, and finalized by January of each even year.

IX. REPORTING & ACCOUNTABILITY

50. SB 1 SHOPP Baseline Agreements

The Road Repair and Accountability Act of 2017 (Senate Bill 1, Chapter 5, Statutes of 2017) states that “it is the intent of the Legislature that the Department of Transportation and local governments are held accountable for the efficient investment of public funds to maintain the public highways, streets, and roads, and are accountable to the people through performance goals that are tracked and reported.” Pursuant to the Commission-adopted SB 1 Accountability and Transparency Guidelines, SHOPP projects that meet certain requirements will be subject to the following: front-end, in-progress, and follow-up accountability requirements. For additional details related to accountability requirements, refer to the Commission’s SB 1 Accountability and Transparency Guidelines.

- a. SB 1 SHOPP Baseline Agreements are required for projects with a total project cost of \$40 million or greater adopted in the 2018 SHOPP and subsequent program amendments and adoptions. This requirement is retroactive to July 1, 2018.
- b. If a project that initially falls below the threshold listed above later increases to an amount equal to or exceeds the threshold requirements, an SB 1 SHOPP Baseline Agreement will be required.
- c. Each Baseline Agreement shall be signed by the District Director, the Department’s Director, and the Commission’s Executive Director.
- d. The Department shall request the Commission to approve all SB 1 SHOPP Baseline Agreements at a regular Commission meeting, within two meetings after a project has achieved the PA&ED milestone.
- e. SB 1 SHOPP Baseline Agreements will not be required for SHOPP Emergency Response projects that are necessary to respond promptly to damages to the state highway system caused by floods, slides, earthquakes, fires, and other significant events.

51. Report on Targets and Performance Measures

Pursuant to Government Code Section 14526.7(b), Caltrans shall report to the Commission on its progress toward meeting the targets and performance measures consistent with the Transportation Asset Management Plan and 2027 targets set forth in SB 1. Caltrans will provide the Commission with quarterly status reports on its project delivery by November 15, February 15, May 15, and August 15 of each fiscal year. The report shall include:

- a. A list of completed projects by phase showing planned and actual project outputs including progress made towards achieving the Commission approved targets and 2027 targets set forth in SB 1.

- b. A summary, by phase and fund type, of the funds programmed, allocated, and expended at the time the construction contract was accepted.
- c. For projects with a total project cost of less than \$50 million and a total SHOPP programmed amount (in right of way and/or construction) of less than \$15 million, the information may be aggregated.
- d. For projects with a total cost of \$50 million or greater or a total SHOPP programmed amount (in right of way and/or construction) of \$15 million or greater, each report shall also include a discussion of the project benefits that were anticipated prior to construction compared to an estimate of the actual benefits achieved.

52. Report on Completed SHOPP Projects

Pursuant to Government Code Section 14526.6 Caltrans shall report to the Commission quarterly, for projects which complete construction in the previous quarter, for all major SHOPP projects. Caltrans shall report to the Commission on the approved capital and support budgets compared to expenditures at construction contract acceptance for all projects in the SHOPP. Caltrans shall develop, in consultation with the Commission, a plain language performance report to increase transparency and accountability of the SHOPP.

53. Efficiencies

Pursuant to Streets and Highways Code section 2032.5(d), Caltrans shall implement efficiency measures with the goal to generate at least \$100 million per year in savings to invest in maintenance and rehabilitation of the state highway system. These savings shall be reported to the Commission.

54. Accountability Reporting

Pursuant to Streets and Highways Code section 2032.5(a), the following accountability and evaluation reporting procedures will be followed:

- a. For each fiscal year in which Caltrans receives an allocation of SHOPP funds, Caltrans shall submit documentation to the Commission that includes a description and the location of each completed project, the amount of funds expended on the project, the completion date, and the estimated useful life of the project's primary output.
- b. Caltrans shall report quarterly and more often as requested by the Commission on the progress it has made in achieving the performance measures, outcomes, benefits, goals and overall 2027 targets/goals set forth in SB 1 and the Commission's adopted targets.
- c. Annually, the Commission shall evaluate the effectiveness of Caltrans in reducing deferred maintenance and improving road conditions on the

state highway system, as demonstrated by the progress made in achieving 2027 targets/goals set forth in SB 1 and the Commission's adopted targets.

- d. The Commission may make recommendations for improvement and may withhold future project allocations if it determines program funds are not being appropriately spent.
- e. The Commission shall annually include any findings in its annual report to the Legislature pursuant to Government Code Section 14535.

X. APPENDICES

55. Appendix A: Index of Acronyms

CEQA	California Environmental Quality Act (State)
CTIPS	California Transportation Improvement Program System
FSTIP	Federal Statewide Transportation Improvement Program
FTIP	Federal Transportation Improvement Program
GARVEE...	Grant Anticipation Revenue Vehicle
NEPA	National Environmental Policy Act (Federal)
PA&ED	Project Approval and Environmental Document
PS&E	Plans, Specifications, and Estimate
RTL	Ready to List
SB	Senate Bill
SHOPP	State Highway Operation and Protection Program
STIP	State Transportation Improvement Program
TAMP	Transportation Asset Management Plan

56. Appendix B: Statutory References

The SHOPP Guidelines were developed and adopted consistent with:

- a. Governor's Executive Orders, where applicable.
- b. Government Code Sections 14526.4, 14526.6; 14526.5, 14526.7.
- c. Streets and Highways Code Sections 164.6 and 167.
- d. Public Resources Code Section 21102
- e. The Road Repair and Accountability Act of 2017, SB 1, (Beall, Chapter 5, Statutes of 2017);
- f. Commission Resolutions including, but not limited to: G-00-13, G-19-01, G-19-05, G-06-13, G-11-16, and G-19-12.
- g. Commission approved actions specific to the Asset Management Plan on March 26, 2015 (Tab 26) regarding four asset classes.
- h. Current best management practices including those related to the STIP and its authorities in accordance with Government Code Section 14530.1.
- i. Compliance with all Federal and State requirements.

57. Appendix C: Commission Resolution G-00-13

CALIFORNIA TRANSPORTATION COMMISSION

Reporting and Programming of SHOPP Project Development Costs

RESOLUTION G-00-13

- 1.0 WHEREAS the State Highway Operation and Protection Program (SHOPP) is a four-year program of major capital improvement projects that are necessary to preserve and protect the safety and integrity of the State highway system, and
- 1.1 WHEREAS legislation in 1989 (Transportation Blueprint for the Twenty-first Century) created the SHOPP, separated it from the State Transportation Improvement Program (STIP), and provided that funding would be set aside for it in each biennial fund estimate, without regard to county shares, and
- 1.2 WHEREAS legislation in 1997 (SB 45, Kopp) required that the STIP include costs for project support components as well as costs for right-of-way and construction capital outlay, and
- 1.3 WHEREAS the current STIP includes many projects programmed for environmental or design work without programming for right-of-way or construction, and
- 1.4 WHEREAS Caltrans has included project support costs in the SHOPP only for projects programmed for right-of-way or construction, and
- 1.5 WHEREAS Caltrans receives appropriations for SHOPP support resources, consistent with the adopted Fund Estimate, through the annual approval of the State Budget by the Governor and the Legislature, and
- 1.6 WHEREAS the Commission is charged by law with approving the biennial SHOPP after reviewing the program relative to its overall adequacy, the level of annual funding needed to implement the program, and the impact of those expenditures on the STIP, and
- 1.7 WHEREAS the Commission allocates funds for the construction of individual SHOPP and STIP projects, and
- 1.8 WHEREAS the Commission has delegated to Caltrans broad authority to manage the SHOPP, including the authority to amend projects into the SHOPP between biennial SHOPP approvals, subject to the program remaining within the amount assigned to the SHOPP in the fund estimate, and

- 1.9 WHEREAS Caltrans has frequently amended projects into the SHOPP at or immediately prior to the time of project allocation, so that projects have been developed and delivered without prior notice to the Commission , and
- 1.10 WHEREAS resources used to develop SHOPP projects may have a bearing on resources available to develop STIP projects, and
- 1.11 WHEREAS, at the Commission's request, Caltrans presented at the June 2000 meeting a list of SHOPP projects with project development either underway or completed, which were not included in the approved 2000 SHOPP for right-of- way or construction,
- 2.0 NOW THEREFORE BE IT RESOLVED THAT it is the Commission's intent that Caltrans not undertake project development work on SHOPP projects until they are included in the SHOPP, with amendments made under delegated authority, and with such amendments to be reported to the Commission at its next regular meeting, and
- 2.1 BE IT FURTHER RESOLVED THAT the Commission asks Caltrans to provide to the Commission, not later than the Commission's August 2000 meeting, an updated 2000 SHOPP that includes all Caltrans preconstruction project support work on SHOPP-eligible projects, and
- 2.2 BE IT FURTHER RESOLVED THAT the Commission encourages the programming of SHOPP projects for project development only, where appropriate, and especially for projects that require major environmental work or otherwise require longer periods to develop, and
- 2.3 BE IT FURTHER RESOLVED THAT the Commission also encourages the programming of SHOPP projects for project development only to develop a shelf of work that can be released as appropriate.

58. Appendix D: Commission Resolution G-19-01

CALIFORNIA TRANSPORTATION COMMISSION

Delegation of Authority to the Department of Transportation for Sub-allocation and Adjustment of Right-of-Way Projects Programmed in the STIP and SHOPP

**RESOLUTION G-19-01
Amending Resolution G-01-09**

- 1.1 WHEREAS, the California Transportation Commission (Commission), pursuant to Government Code Sections 7 and 14512, may request that the California Department of Transportation (Department) perform such work as the Commission deems necessary to carry out its duties and responsibilities; and
- 1.2 WHEREAS, the Commission, pursuant to Government Code Section 14533, is authorized to allocate funds for transportation projects programmed in the State Transportation Improvement Program (STIP), and the State Highway Operation and Protection Program (SHOPP); and
- 1.3 WHEREAS, frequent adjustment of allotments are necessary to allow for orderly acquisition, relocation and clearance of right-of-way thereby accomplishing the Right-of-Way Capital Plan in the most effective and efficient manner as well as meeting construction schedules; and
- 1.4 WHEREAS, funds can only be allocated for acquisitions when such acquisitions comply with environmental laws; and
- 1.5 WHEREAS, it is desirable to reduce Commission workload by minimizing the number of routine financial resolutions being processed.
- 2.1 NOW THEREFORE BE IT RESOLVED, that annually (in June) the Department will present its Right-of-Way Capital Plan for the upcoming fiscal year to the Commission for review and acceptance. The plan will be supported by a project list that at a minimum will include the following information:
 1. Project description and identification of source programming document.
 2. Caltrans district, county, route, and post mile.
 3. Caltrans Expenditure Authorization number and Planning Programming Number.
 4. Planned right-of-way expenditure for the project included in the Right-of-Way Capital Plan for the upcoming fiscal year.

California Transportation Commission

5. Total programmed right-of-way capital for the project.
 6. Total right-of-way capital expenditures to date.
 7. Fiscal year of programming for right-of-way capital.
- 2.2 BE IT FURTHER RESOLVED, that the Commission will make a yearly allocation for the total Right-of-Way Capital Plan (without project level allocations), and must approve any revisions to the total allocation required during the year; and
- 2.3 BE IT FURTHER RESOLVED, that the Director of the Department (Director) is hereby authorized to sub-allocate and adjust funds to individual projects for the acquisition of right-of-way, relocation of utilities, and other necessary related right-of-way activities; and
- 2.4 BE IT FURTHER RESOLVED, that notwithstanding the above limitations, the Director is authorized to allot funds for acquisition of hardship and protection parcels when, in his/her opinion, circumstances warrant such acquisitions; and
- 2.5 BE IT FURTHER RESOLVED, that prior to the approval of the environmental document, Caltrans is restricted from right-of-way expenditures with exception of the following activities that may occur during the Project Approval and Environmental Document phase:
1. Permits to Enter
 2. Environmental permit fees
 3. Positive location of utilities
 4. Agreements for Railroad Coordination
 5. Preliminary title fees
- 2.6 BE IT FURTHER RESOLVED, that commitments for projects during the Project Approval and Environmental Document phase related to the items listed above are limited to five percent of the overall amount approved in the fiscal year Right-of-Way Capital Plan.
- 2.7 BE IT FURTHER RESOLVED, that the Department will report quarterly on right-of-way expenditures in the context of the Right-of-Way Capital Plan, including expenditures and significant advancement or delay of right-of-way acquisition for large parcels (\$2 million or more in right-of-way capital) included in the Right-of-Way Capital Plan. The report shall include a summary, by

program, of the funds programmed, allocated or sub-allocated, and expended;
and

- 2.8 BE IT FURTHER RESOLVED, that changes to the sub-allocation amounts for individual projects must be included in the quarterly report; and
- 2.9 BE IT FURTHER RESOLVED, that any project identified by the Department as needing right-of-way capital after the Commission acceptance of the Right-of-Way Capital Plan will be reported in the quarterly report; and
- 2.10 BE IT FURTHER RESOLVED, that for any project with significant right-of-way acquisition delay the Department will include a statement of impact to the delivery of the construction phase of the project; and
- 2.11 BE IT FURTHER RESOLVED, that annually after the conclusion of the budget year, based on the Department's official book closing statement, the Department will report the actual Right-of-Way Capital Program level encumbrance status compared to the allocated amounts; and
- 2.12 BE IT FURTHER RESOLVED, that projects programmed with right-of-way capital for Fiscal Year 2019-20 or later with right-of-way capital of \$10 million or more must receive Commission approval for project level allocations prior to expenditure of funds, with the exception of expenditures related to activities identified in section 2.5 above. If a project that initially falls below this threshold increases to an amount equal to or exceeding the threshold requirement, an individual project allocation will be required.
- 2.13 THEREFORE BE IT FURTHER RESOLVED, that this resolution supersedes and replaces Resolution #G-01-09.

59. Appendix E: Commission Resolution G-19-05

CALIFORNIA TRANSPORTATION COMMISSION

**Delegation of Authority to the Department of Transportation for Sub-allocation
and Adjustment of the SHOPP Minor Program**

**RESOLUTION G-19-05
Amending Resolution G-05-16**

- 1.1 WHEREAS, the California Transportation Commission (Commission), pursuant to Streets and Highways Code Section 167, is authorized to define minor capital outlay projects; and
 - 1.2 WHEREAS, the Commission, pursuant to Government Code Section 14533, shall allocate funds for transportation projects; and
 - 1.3 WHEREAS, the Commission, pursuant to Government Code Section 7 and 14512, may request that the California Department of Transportation (Department) perform such work as the Commission deems necessary to carry out its duties and responsibilities; and
 - 1.4 WHEREAS, delegation to the Department of minor capital construction project sub-allocations and/or adjustment authority would streamline and help in the management of the State Highway Operation and Protection Program (SHOPP) Minor Program; and
 - 1.5 WHEREAS, it is desirable to reduce Commission workload by minimizing the number of routine financial resolutions being processed.
- 2.1 NOW THEREFORE, BE IT RESOLVED, that the following policies shall be in effect for minor capital construction project allocations, sub-allocations and adjustments:
- A. In each biennial State Transportation Improvement Program (STIP) Fund Estimate the Commission will reserve funds for minor construction projects.
 - B. The Commission defines minor construction projects as having an upper limit of \$1,250,000 for construction capital.
 - C. Annually, the Department will present for Commission review and acceptance a SHOPP Minor Program. The Department's SHOPP Minor Program can be smaller than the STIP Fund Estimate minor construction reservation but in no event can it be larger.

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SHOPP Guidelines (Adoption Date: 06/27/19)

- D. The SHOPP Minor Program will be supported by a Minor A project list that, at a minimum, will include the following information for each project:
1. Project description.
 2. District, county, route and post mile.
 3. Expenditure Authorization number.
 4. Project outputs.
 5. Estimated day labor expenditure.
 6. Estimated right-of-way expenditure.
 7. Estimated support expenditure.
 8. Estimated construction capital expenditure.
- E. The SHOPP Minor Program will identify a total estimate for right-of-way, construction and support expenditures for Minor B projects.
- F. The SHOPP Minor Program will contain the following total information:
1. A total program sum for right-of-way capital that will be reflected and enumerated as a separate line item in the Department's annual right-of-way allocation.
 2. A total program sum for construction capital expenditure.
 3. A total program sum for support expenditure.
 4. A total program sum for day labor.
- G. The Commission will annually allocate to the Department the total estimate needed for the SHOPP Minor Program.
- H. The Director of the California Department of Transportation (Director) is authorized to sub-allocate the SHOPP Minor Program funds to individual Minor A projects that are enumerated on the Commission reviewed and accepted Minor A project list, and to Minor B projects.
- I. Pursuant to the Commission Resolution G-19-12, the Director is delegated authority to increase individual project construction

allocations to allow the advertisement, award and completion of contracts within pre-established thresholds.

- J. Any adjustments that exceed Commission established thresholds must be allocated by the Commission and do not establish a new funding capacity adjustment base for the project. All subsequent increases to the allocation must be presented to the Commission for approval.
- K. Any Minor A project identified by the Department after Commission review and acceptance of the Department's Minor A project list must be allocated by the Commission.
- L. The SHOPP Minor Program is reserved only for small SHOPP projects that are consistent with the Commission adopted Transportation Asset Management Plan. The Commission will not allocate funds from the SHOPP Minor Program for enhancements, mitigation, or cost increases for STIP projects. The following additional procedures shall apply to SHOPP Minor Program projects:
 - 1. When funds required to complete a Minor A project are greater than authorized, the following procedures shall be followed:
 - a. When there has been no change in the scope of the project, any additional State funds will come from within the STIP Fund Estimate minor construction reservation.
 - b. When there is a change in the scope of the project, the project must compete for funding with other projects in the normal SHOPP programming process.
 - 2. The Minor B project limit is established to be consistent with the lower limit of the State Contract Act. The State Contract Act is reviewed each even numbered year by the Department of Finance and adjusted to be consistent with change in the annual California Construction Index. The Commission authorizes the Director to change the Minor B project limit and the Minor A project lower limit to an amount equal to the lower limit of projects subject to the State Contract Act as revised by the Department of Finance, and the Director shall inform the Commission of any such change within 45 days.
 - 3. The Director is authorized to sub-allocate funds for Minor B projects to individual Districts.

4. Minor A financial contributions to STIP projects can only be allocated by the Commission and only after independent utility for the Minor A work and lack of responsibility by the STIP project sponsor for the Minor A work is established and approved by the Director.
 5. Projects funded jointly with Minor A funds and other non-STIP or non-SHOPP funds shall be administered as Minor A projects, irrespective of the total cost of the project.
- M. The Director shall report all Minor A project sub-allocations made under this delegation to the Commission at the next scheduled Commission meeting following the project sub-allocation. At a minimum the report will contain the following information:
1. Project description.
 2. District, county, route and post mile.
 3. Expenditure Authorization number.
 4. Project outputs.
 5. Estimated construction expenditure as enumerated on the Commission reviewed and accepted Minor A project list.
 6. Actual construction sub-allocation as authorized by the Director.
 7. The Director will keep and report monthly a running balance against the Commission's annual SHOPP Minor Program allocation and against the STIP Fund Estimate minor construction reservation.

60. Appendix F: Commission Resolution G-06-13

CALIFORNIA TRANSPORTATION COMMISSION

Cancellation of Delegated Allocation Resolutions

Resolution G-06-13

**Replacing Resolution G-01-03, G-01-04, G-01-06, G-01-07 and Amending
Resolution G-03-10**

- 1.1 WHEREAS, transportation capital outlay and local assistance funds are appropriated by the Legislature subject to allocation by the Commission; and
- 1.2 WHEREAS, the Commission in 2001 delegated some of its transportation capital outlay and local assistance funds allocation authority to Caltrans; and
- 1.3 WHEREAS, the Commission since January 2003 has annually suspended all delegated allocation authority except for state highway emergency, safety and seismic retrofit projects.
- 2.1 NOW THEREFORE BE IT RESOLVED, that the Commission cancels all individual project allocation delegations given to Caltrans as enumerated by G resolution number below; and
- 2.2 BE IT FURTHER RESOLVED, that Resolution G-03-10 is amended to delete the pavement rehabilitation delegation; and
- 2.3 BE IT FURTHER RESOLVED, that emergency, safety, minor program and seismic retrofit allocation delegations remain in force.

G Resolutions cancelled:

Resolution G-01-03. Project Development Components of Local Grant Projects Programmed in the STIP

Resolution G-01-04. Local Street and Road Pavement Rehabilitation Projects Programmed in the STIP

Resolution G-01-05. RSTP/CMAQ and TEA Match Reserves Programmed in the STIP

Resolution G-01-06. Planning, Programming and Monitoring Activities Programmed in the STIP

Resolution G-01-07. Rideshare Projects Programmed in the STIP

G-Resolutions amended:

Resolution G-03-10. State Highway Pavement Rehabilitation and Safety Projects
(only pavement rehabilitation portion cancelled)

61. Appendix G: Commission Resolution G-11-16

CALIFORNIA TRANSPORTATION COMMISSION

Authorization for Funding Emergency Condition Response Projects

**Resolution G-11-16
Amending Resolution G-00-11**

- 1.1 WHEREAS, the occurrence of floods, slides, earthquakes, material failures, slip-outs, unusual accidents and other similar events can suddenly endanger or damage State-owned transportation facilities and property in such a manner that the condition:
1. Places either people or property in jeopardy; or
 2. Causes or threatens to cause closure of a transportation access which is necessary for:
 - Other emergency assistance efforts, or
 - The effective functioning of an area's services, commerce, manufacture and agriculture, or
 - People in the area to reach their homes and employment; or
 3. Creates either an excessive increase in transportation congestion and delay, or an excessive increase in the necessary distances traveled.
- 1.2 WHEREAS, in such emergencies, the California Department of Transportation's ability to respond promptly with effective action can be impaired if it lacks authority to immediately fund those emergency condition response projects needed to alleviate such conditions which cannot be categorized as either maintenance or Minor B Capital projects; and,
- 1.3 WHEREAS, passage of Senate Bill 486 (Chapter 917, Statutes of 2014) increased California Transportation Commission (Commission) responsibility for the State Highway Operation and Protection Program (SHOPP); and,
- 2.1 NOW, THEREFORE, BE IT RESOLVED, that the California Director of Transportation (Director) is authorized to allocate monies for emergency condition response Major Construction and Minor A Capital projects, Right of Way Acquisition and commensurate Capital Outlay Support from the appropriate source of State and Federal funds when any of the conditions described above require the immediate performance of work on State-owned

transportation facilities and property or related work in adjacent areas, with the understanding that these actions will be reported to the Commission at its next meeting; and,

- 2.2 BE IT FURTHER RESOLVED, that the Director is authorized to allocate monies to fund follow-up restoration projects associated with and that immediately follow an emergency condition response project, with the understanding that these actions will be identified and reported to the Commission as “follow-up restoration” projects at its next meeting; and,
- 2.3 BE IT FURTHER RESOLVED, that follow-up restoration projects that follow by a year or more the emergency condition event that caused the project, qualify for G-11 allocation by the Director, but the report to the Commission must state the unforeseen conditions causing the delay; and,
- 2.4 BE IT FURTHER RESOLVED, that the Director may adjust the funds allocated for emergency condition response projects and follow-up restoration projects provided that the adjustment allotments are within the limits enumerated in the table below, and the base for calculating the allotment adjustments is the original G-11 funding amount to mitigate the conditions resulting from the emergency event or the original G-11 funding amount for a follow-up restoration project; and,

ORIGINAL G-11 ALLOCATION	CLOSE OUT AND COMPLETE ALLOCATION ADJUSTMENT LIMIT
Up to \$1,000,000	20% of original G-11 allocation amount
\$1,000,000 to \$10,000,000	\$100,000 plus 10% of original G-11 allocation amount
\$10,000,000 to \$50,000,000	\$600,000 plus 5% of original G-11 allocation amount
\$50,000,000 to \$100,000,000	\$1,850,000 plus 2.5% of original G-11 allocation amount
Over \$100,000,000	\$3,100,000 plus 1.25% of original G-11 allocation amount

- 2.5 BE IT FURTHER RESOLVED, that the Director is required to submit a monthly report to the Commission’s Executive Director on all allotment adjustments made by the Director to G-11 funded projects. The report shall list all projects which received Director approved increases or decreases during

the prior month, including allocations revised downward to match lower contract allotment amounts. At a minimum the Director will include the following information: project identifiers (PPNO & EA), description of work, original Director G-11 allocation amount including full history of any subsequent supplemental G-11 funds, and the Director's revised allocation; and,

- 2.6 BE IT FURTHER RESOLVED, that the Commission-adopted SHOPP program establishes an annual reservation amount for emergency condition response project allocations. The Director must request the Commission to amend the adopted SHOPP program to increase the annual reservation amount in the event additional emergency condition response funding is required in excess of the reservation. The amendment should be requested at the next regularly scheduled Commission meeting following the identification by the Director that additional emergency condition response funding is required; and,
- 2.7 BE IT FURTHER RESOLVED, that the Director is required to submit an annual close-out report at the conclusion of each fiscal year containing the total amount allocated for emergency condition response projects and total abatement amount collected. The report shall list all projects which received allocations. At a minimum the close-out report will include for each emergency condition response project:
- Location and brief scope of work,
 - Date of incident or emergency,
 - Cause of emergency condition,
 - Amount allocated for capital construction, right of way acquisition and commensurate capital outlay support,
 - Actual dates for allocation, contract award and begin construction, and
 - Actual or projected dates for construction completion and project close-out.

62. Appendix H: Commission Resolution G-19-12

CALIFORNIA TRANSPORTATION COMMISSION

Delegation of Authority to Adjust Project Allocations And Modify Project Descriptions

**RESOLUTION G-19-12
Replacing Resolution G-16-12**

- 1.1 WHEREAS, the California Transportation Commission (Commission) adopted Resolution #G-12, delegation of authority to adjust project allocations and modify project descriptions to the Director of the California Department of Transportation (Director) on July 28, 1978; and
- 1.2 WHEREAS, over the years Resolution #G-12 was revised by Resolutions #G-83-6, #G-85-10, #G-88-18, #G-89-23, #G-90-24, #G-95-08, #G-98-12, #G-02-12, #G-09-12, and #G-16-12; and
- 1.3 WHEREAS, the delegation greatly reduces the volume of financial transactions submitted to the Commission and increased the efficiency of the Department of Transportation (Department) in processing changes; and
- 1.4 WHEREAS, passage of Senate Bill 486 (DeSaulnier, Chapter 917, Statutes of 2014) increased Commission responsibility for the State Highway Operation and Protection Program (SHOPP).
- 2.1 NOW THEREFORE, BE IT RESOLVED, that the following policies shall be in effect for capital allocations and project support allocations by the Commission for State Transportation Improvement Program (STIP), SHOPP, and SHOPP Minor projects:
 - A. The Director is authorized to increase individual project construction capital allocations of STIP and/or SHOPP projects to allow the advertisement, award, and completion of contracts within the following limits:
 1. For programmed STIP and SHOPP projects receiving a Commission allocation of less than \$1,000,000, the Director may adjust the funds allocated for construction capital provided the adjustment does not increase the Commission's allocation by more than \$200,000.
 2. For programmed STIP and SHOPP projects receiving a Commission allocation of \$1,000,000 or more, the Director may

adjust the funds allocated for construction capital provided the adjustment does not increase the Commission's allocation by more than \$200,000 plus 10 percent of the initial Commission allocation.

3. When a programmed STIP or SHOPP project is awarded for less than the Commission construction capital allocation amount, the above authorized allocation increase is to be based upon the contract allotment including such items as contingencies, supplemental work, and state furnished materials, if any, rather than on the initial Commission allocation amount.
 4. For projects enumerated on the Commission reviewed and accepted Minor A project list, the Director may adjust the funds sub-allocated for construction capital provided that the adjustment does not exceed the estimated construction capital expenditure by more than \$200,000.
 5. For SHOPP Minor B projects, the Director may adjust the funds sub-allocated for construction capital provided that the adjustment does not exceed 110 percent of the Minor B project limit defined as an amount equal to the lower limit of projects subject to the State Contract Act as revised by the Department of Finance.
 6. Any adjustment that exceeds the authorized limits described above must be allocated by the Commission. In addition, all subsequent increases to the allocation must be presented to the Commission for approval.
 7. Any allocation adjustment for programmed STIP, SHOPP, and Minor SHOPP projects is assumed to be proportionate to any non-state funding on the project, unless the project was programmed for non-proportional funding per STIP Guidelines.
 8. The Director will review all allocation adjustment requests for appropriateness and need prior to approval.
- B. The Director is authorized to modify Commission adopted project descriptions to meet unforeseen conditions and to correct project description errors in order to proceed with the advertisement of projects provided that:

1. Such revisions do not change the Commission's intent with regard to an individual project's program component, principal purpose, primary characteristics, project output and general location.
 2. Any cost increase resulting from the proposed change in project description is within the limits authorized to the Director under item A above.
 3. Any needed project scope change, which exceeds the authorized limits described above, must be approved by the Commission.
- C. The Director is authorized to split or combine allocated projects in close geographical proximity for ease and economy of contract administration provided that:
1. The amount of a combined project does not exceed the sum of the individual approved projects, and the amount of split projects does not exceed the allocation for the original project.
 2. When two or more STIP and/or SHOPP programmed projects are combined, the cost increase limits authorized under item A above are based on the total cost of the combined project as though it was a single project. When a STIP and/or SHOPP programmed project is split, the cost increase authorized under item A above shall be based on the contract allotment of each portion.
 3. When two or more SHOPP Minor A projects are combined, the combined project will be considered a single Minor A capital outlay project for accounting purposes. The cost increase limits authorized under Item A above shall be individually determined for each of the Minor A projects involved.
 4. When a SHOPP Minor A project is combined with a SHOPP project, the combined project will be considered a single SHOPP programmed capital outlay project for cost increase limits authorized under item A above and accounting purposes.
 5. When an independently designed and allocated SHOPP programmed project is combined with a STIP programmed project for construction purposes, the cost increase limits authorized under item A above shall be individually determined

and accounted for the SHOPP portion and the STIP portion of the combined project.

6. When an independently designed and allocated SHOPP Minor A project is combined with a STIP programmed project for construction purposes, the cost increase limits authorized under Item A above shall be individually determined and accounted, for the SHOPP Minor A portion and the STIP portion of the combined project.
- D. The Director shall report all capital outlay allocation changes made under this delegation (both increases and decreases) to the Commission Executive Director on a monthly basis. At a minimum, the report will contain the following information:
1. A listing of projects which received increases or decreases during the prior month, including allocations revised downward to match lower contract allotment amounts. The project listing shall include the following information for each project: project identifiers (Planning Programming Number, Expenditure Authorization number, and Enterprise Resource Planning Financial Infra-Structure number), project type (STIP, SHOPP or SHOPP Minor), description of work, initial Commission allocation data and amount, current allocation amount, and the Director revised allocation amount.
 2. A cumulative total of Director approved increases and decreases to funds allocated by the Commission during the fiscal year. It is intended that over time the Director approved decreases will be offset by the Director approved increases.
 3. The Director shall provide a summary of the capital outlay allocation changes on a quarterly basis with the Department's Quarterly Delivery Report.
- E. The delegation of authority to adjust project allocations under this resolution does not apply to project allocations that the Commission previously adjusted in accordance with Streets and Highways Code section 188.8(d)(3), as first authorized by AB 608 (Chapter 815, Statutes of 2001). The Commission must approve any further adjustments.

- F. The Director is authorized to increase Commission approved STIP and SHOPP project support component values; environmental studies and permits, preparation of plans, specifications, and estimates, right of way support, and construction support to facilitate project delivery and construction completion within the following limits:
1. For projects with total support component value of less than \$1,000,000, the Director may adjust individual support components, provided the adjustment is undertaken prior to over expenditure of funds and does not increase the total Commission approved support value by more than \$200,000.
 2. For projects with total support component value of \$1,000,000 or more, the Director may adjust individual components, provided the adjustment is undertaken prior to over expenditure of funds and does not increase the total Commission approved support value by more than \$200,000 plus 10 percent of the Commission approved value.
 3. The basis for calculating the adjustment authority limits is the cost in the most recent Commission adopted programming document as amended by Commission action.
 4. Any adjustments that exceed the authorized limits described above must be approved by the Commission. In addition, all subsequent increases to the cost shall be presented to the Commission for approval.
 5. The Director will review all allocation adjustment requests for appropriateness and need prior to approval.
 6. The Director shall report a summary of project support component increases on a quarterly basis with the Department's Quarterly Delivery Report. Additionally, all project support component changes (both increases and decreases) shall be reported to the Commission Executive Director on a monthly basis using reporting consistent with sections D.1 and D.2 above.
- G. The Director is authorized to increase Commission approved STIP and/or SHOPP right of way capital allocations for projects programmed with right of way capital for Fiscal Year 2019-20 or

later with right of way capital of \$10 million or more that received an individual allocation within the following limits:

1. The Director may adjust individual allocations, provided the adjustment is undertaken prior to over expenditure of funds and does not increase the total Commission approved right of way capital value by more than \$200,000 plus 10 percent of the Commission approved value.
2. The basis for calculating the adjustment authority limits is the cost in the most recent Commission adopted programming document as amended by Commission action.
3. Any adjustments that exceed the authorized limits described above must be approved by the Commission. In addition, all subsequent increases to the cost shall be presented to the Commission for approval.
4. The Director will review all allocation adjustment requests for appropriateness and need prior to approval.
5. The Director shall report a summary of project right of way capital increases on a quarterly basis with the Department's Quarterly Delivery Report. Additionally, all changes (both increases and decreases) shall be reported to the Commission Executive Director on a monthly basis using reporting consistent with sections D.1 and D.2 above.

2.2 THEREFORE BE IT FURTHER RESOLVED, that this resolution superseded and replaces Resolution #G-16-12 and serves as a complete restatement of Resolution #G-12.

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EXHIBIT H: 2020 SHOPP County Listing of Projects

County	Page No.	County	Page No.
Alameda	H - 1	Orange	H - 258
Alpine	H - 24	Placer	H - 282
Amador	H - 26	Plumas	H - 287
Butte	H - 29	Riverside	H - 292
Calaveras	H - 34	Sacramento	H - 312
Colusa	H - 39	San Benito	H - 322
Contra Costa	H - 40	San Bernardino	H - 324
Del Norte	H - 49	San Diego	H - 342
El Dorado	H - 53	San Francisco	H - 364
Fresno	H - 56	San Joaquin	H - 369
Glenn	H - 66	San Luis Obispo	H - 381
Humboldt	H - 68	San Mateo	H - 390
Imperial	H - 84	Santa Barbara	H - 403
Inyo	H - 87	Santa Clara	H - 418
Kern	H - 92	Santa Cruz	H - 429
Kings	H - 106	Shasta	H - 436
Lake	H - 110	Sierra	H - 440
Lassen	H - 114	Siskiyou	H - 442
Los Angeles	H - 116	Solano	H - 449
Madera	H - 189	Sonoma	H - 456
Marin	H - 191	Stanislaus	H - 468
Mariposa	H - 199	Sutter	--
Mendocino	H - 202	Tehama	H - 472
Merced	H - 216	Trinity	H - 476
Modoc	H - 225	Tulare	H - 479
Mono	H - 226	Tuolumne	H - 487
Monterey	H - 230	Ventura	H - 489
Napa	H - 241	Yolo	H - 503
Nevada	H - 250	Yuba	H - 505

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Alameda-92 6.5 2028K 0418000101	In Hayward, at the westbound connector from northbound Route 880. Restore eroded embankment and extend existing concrete barrier.	0Q450 2021-22	R/W: \$10 Con: \$661	PA&ED: \$285 PS&E: \$347 R/W Sup: \$16 Con Sup: \$191	Prior 20-21 20-21 21-22	PA&ED: 8/26/2020 R/W Cert: 8/13/2021 RTL: 10/12/2021 Begin Con: 5/13/2022
<i>Carryover</i>			Subtotal: \$671	\$839		
			Total Project Cost:	\$1,510		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Alameda-580 R4.3 1461D 0417000401	Near Livermore, at 0.3 mile west of Stonecut Underpass (PM R4.3L). Restore eroded embankment slope in the eastbound direction and install erosion control measures.	0P120 2021-22	R/W: \$50 Con: \$3,140	PA&ED: \$752 PS&E: \$949 R/W Sup: \$60 Con Sup: \$1,201	Prior 21-22 21-22 21-22	PA&ED: 6/21/2021 R/W Cert: 1/31/2022 RTL: 2/28/2022 Begin Con: 7/29/2022
<i>Carryover</i>			Subtotal: \$3,190	\$2,962		
			Total Project Cost:	\$6,152		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-680 M2.1 2028M 0418000132	In Fremont, at the northbound offramp to Mission Boulevard. Stabilize storm damaged embankment.	0Q680 2021-22	R/W: \$5 Con: \$2,908	PA&ED: \$750 PS&E: \$885 R/W Sup: \$60 Con Sup: \$1,033	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 2/28/2022 RTL: 3/31/2022 Begin Con: 12/15/2022
<i>Carryover</i>			Subtotal: \$2,913	\$2,728		
			Total Project Cost:	\$5,641		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

04-Alameda-Var 2025R 0418000442	In Alameda County, on Routes 80, 580, and 680 at various locations. Place High Friction Surface Treatment (HFST).	2Q250 2021-22	R/W: \$12 Con: \$3,502	PA&ED: \$640 PS&E: \$674 R/W Sup: \$10 Con Sup: \$694	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 11/1/2021 RTL: 1/5/2022 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$3,514	\$2,018		
			Total Project Cost:	\$5,532		

Program 201.010 Safety Improvements
Project Output(s) 213 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 6.7/7.2 1490P 0415000356	In Oakland, from 0.2 mile north of Lincoln Avenue to 0.2 mile south of Park Boulevard. Install outer separation barrier and construct rumble strips.	4J490 2021-22	R/W: \$107 Con: \$2,985	PA&ED: \$824 PS&E: \$667 R/W Sup: \$42 Con Sup: \$565	Prior 20-21 20-21 21-22	PA&ED: 3/30/2021 R/W Cert: 6/7/2022 RTL: 6/14/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$3,092	\$2,098		
			Total Project Cost:	\$5,190		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

04-Alameda-61 16.4/18.1 2804F 0418000404	In the cities of Oakland and Alameda, from Swan Road to Harbor Bay Parkway. Install new and upgrade existing guardrail in the northbound direction.	2Q140 2022-23	R/W: \$126 Con: \$1,281	PA&ED: \$991 PS&E: \$904 R/W Sup: \$127 Con Sup: \$751	Prior 21-22 21-22 22-23	PA&ED: 6/30/2021 R/W Cert: 12/16/2022 RTL: 12/30/2022 Begin Con: 7/12/2023
<i>Carryover</i>			Subtotal: \$1,407	\$2,773		
			Total Project Cost:	\$4,180		

Program 201.010 Safety Improvements
Project Output(s) 19 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-61 19.0/21.0 1464A 0417000306	In and near the cities of Alameda, Emeryville, Berkeley, Albany, and San Leandro, on Routes 61, 123, and 185 at various locations. Install vehicle speed feedback signs and upgrade signal to standard.	4K400 2021-22	R/W: \$83 Con: \$1,472	PA&ED: \$303 PS&E: \$300 R/W Sup: \$219 Con Sup: \$400	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$1,555	\$1,222		
			Total Project Cost:	\$2,777		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

04-Alameda-580 R1.3/R6.0 1495F 0416000125	Near Livermore, from Flynn Road to Grant Line Road. Install safety lighting and establish electrical service connection.	0K680 2020-21	R/W: \$32 Con: \$4,211	PA&ED: \$962 PS&E: \$806 R/W Sup: \$104 Con Sup: \$962	Prior Prior Prior 20-21	PA&ED: 5/11/2020 R/W Cert: 3/1/2021 RTL: 3/31/2021 Begin Con: 9/15/2021
Carryover			Subtotal: \$4,243	\$2,834		
			Total Project Cost:	\$7,077		

Program 201.010 Safety Improvements
Project Output(s) 65 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 R1.3/R6.0 2495P 0420000264	Near Livermore, from Flynn Road to Grant Line Road. Environmental mitigation work for EA 0K680 for lighting impacts on species habitat.	0K681 2020-21	R/W: \$3,203 Con:	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: R/W Cert: RTL: Begin Con:
<i>Carryover</i>			Subtotal: \$3,203	Total Project Cost:	\$3,203	

Program 201.010 Safety Improvements
Project Output(s) 0 Collision(s) reduced

04-Alameda-880 27.1/27.3 1491C 0415000365	In Oakland, from 0.1 mile south to 0.1 mile north of East Creek Slough Bridge No. 33-0143. Construct outer separation concrete barrier in southbound direction, replace bridge rail, and install a drainage system.	4J540 2022-23	R/W: \$601 Con: \$4,035	PA&ED: \$956 PS&E: \$1,266 R/W Sup: \$102 Con Sup: \$1,041	Prior 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 6/1/2023 RTL: 6/5/2023 Begin Con: 12/1/2023
<i>Carryover</i>			Subtotal: \$4,636	Total Project Cost:	\$8,001	

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-Var 1481B 0414000357 Carryover	In Alameda County, on Routes 80 and 880 at various locations; also in Contra Costa County, on Routes 24 and 680 at various locations. Install High Friction Surface Treatment (HFST) at spot locations to enhance wet pavement conditions.	1J780 2021-22	R/W: \$10 Con: \$5,038	PA&ED: \$1,118 PS&E: \$1,274 R/W Sup: \$104 Con Sup: \$1,434	Prior Prior Prior 21-22	PA&ED: 11/24/2019 R/W Cert: 7/1/2021 RTL: 8/1/2021 Begin Con: 3/9/2022
			Subtotal: \$5,048	\$3,930		
			Total Project Cost:	\$8,978		

Program 201.015 Collision Severity Reduction
Project Output(s) 7 Collision(s) reduced

04-Alameda-13 1492F 0416000054 Carryover	In Alameda County, on Routes 13, 24, 580, 680, and 880 at various locations; also in Contra Costa County, on Routes 4, 24, 80, 160, and 680 at various locations. Install Rectangular Rapid Flashing Beacons (RRFBs) to enhance pedestrian safety at ramp termini and uncontrolled pedestrian crossings.	0K120 2021-22	R/W: \$290 Con: \$8,237	PA&ED: \$1,261 PS&E: \$1,145 R/W Sup: \$229 Con Sup: \$1,345	Prior Prior 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 5/1/2022 RTL: 5/15/2022 Begin Con: 12/15/2022
			Subtotal: \$8,527	\$3,980		
			Total Project Cost:	\$12,507		

Program 201.015 Collision Severity Reduction
Project Output(s) 12 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 1487M 0415000090 Carryover	In various cities, on Routes 580, 680, 880, and 980 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signals (APS) systems and countdown timers and upgrading crosswalk markings.	3J130 2021-22	R/W: \$20 Con: \$6,068	PA&ED: \$940 PS&E: \$940 R/W Sup: \$130 Con Sup: \$1,030	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 6/1/2021 RTL: 7/15/2021 Begin Con: 1/31/2022
			Subtotal: \$6,088	\$3,040		
			Total Project Cost:	\$9,128		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

04-Alameda-580 1495E 0416000123 Carryover	In Alameda County, on Route 580 at various locations; also in Contra Costa County, on Routes 160 and 680 at various locations. Install concrete barrier to shield structure column from errant vehicles and upgrade existing guardrails to current standards.	0K650 2020-21	R/W: \$90 Con: \$3,136	PA&ED: \$500 PS&E: \$800 R/W Sup: \$166 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 5/14/2020 R/W Cert: 5/28/2021 RTL: 6/21/2021 Begin Con: 12/1/2021
			Subtotal: \$3,226	\$2,266		
			Total Project Cost:	\$5,492		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 1496A 0416000137	In Alameda and Contra Costa Counties, on various routes at various locations. Upgrade advance warning signs to make standard.	0K770 2021-22	R/W: \$108 Con: \$2,638	PA&ED: \$700 PS&E: \$700 R/W Sup: \$10 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 7/29/2020 R/W Cert: 8/16/2021 RTL: 9/15/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$2,746	\$2,110		
			Total Project Cost:	\$4,856		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

04-Alameda-580 0.1/R9.0 1494D 0416000025	In and near Livermore, from San Joaquin County line to 0.7 mile west of Greenville Road. Highway worker safety improvements.	4J940 2021-22	R/W: \$183 Con: \$1,997	PA&ED: \$625 PS&E: \$400 R/W Sup: \$75 Con Sup: \$525	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 11/1/2021 RTL: 1/17/2022 Begin Con: 5/2/2022
<i>Carryover</i>			Subtotal: \$2,180	\$1,625		
			Total Project Cost:	\$3,805		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 14 Location(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 30.2/R33.6 1452N 0417000035	In Oakland, from south of 5th Avenue to north of 7th Street. Pave narrow strips and miscellaneous areas, construct Maintenance Vehicle Pullouts (MVPs) and upgrade crash cushions to reduce maintenance work and enhance highway worker safety.	2K820 2020-21	R/W: \$10 Con: \$2,170	PA&ED: \$500 PS&E: \$350 R/W Sup: \$100 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 9/30/2019 R/W Cert: 5/10/2021 RTL: 6/10/2021 Begin Con: 12/30/2021
Carryover			Subtotal: \$2,180 Total Project Cost:	\$1,400 \$3,580		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 16 Location(s)

MANDATES

04-Alameda-880 2020R 0418000047	In Hayward, on Routes 92 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL). Financial Contribution Only (FCO) to the City of Hayward.	0Q170 2022-23	R/W: Con: \$1,841	PA&ED: PS&E: R/W Sup: Con Sup:	PA&ED: R/W Cert: RTL: Begin Con:
New			Subtotal: \$1,841 Total Project Cost:	\$1,841	
				Program 201.335 Storm Water Mitigation Project Output(s) 147.9 Acre(s) treated/pollutant	

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 2020H 0418000048 New	In Alameda and Santa Clara Counties, on Routes 80 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q180 2022-23	R/W: \$245 Con: \$4,841	PA&ED: \$880 PS&E: \$1,389 R/W Sup: \$55 Con Sup: \$1,223	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 12/1/2023
			Subtotal: \$5,086	\$3,547		
			Total Project Cost:	\$8,633		
		Program	201.335 Storm Water Mitigation			
		Project Output(s)	67.0 Acre(s) treated/pollutant			

04-Alameda-880 R0.9/24.8 1453D 0416000036 Carryover	In Oakland, Union City, and Fremont, and on Route 80 in Berkeley (PM 4.7) at various locations; also in Santa Clara County, in Milpitas at PM 8.9. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units (CUs) for trash capture.	4J980 2020-21	R/W: \$25 Con: \$5,801	PA&ED: \$1,060 PS&E: \$800 R/W Sup: \$26 Con Sup: \$1,000	Prior Prior 20-21 20-21	PA&ED: 5/29/2020 R/W Cert: 5/18/2021 RTL: 6/1/2021 Begin Con: 2/15/2022
			Subtotal: \$5,826	\$2,886		
			Total Project Cost:	\$8,712		
		Program	201.335 Storm Water Mitigation			
		Project Output(s)	60.0 Acre(s) treated/pollutant			

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-123 1.9/5.2 0434K 0400021222	In Berkeley and Albany, from Route 13 to Contra Costa County line (PM 1.9/5.177). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2G780 2022-23	R/W: \$339 Con: \$1,572	PA&ED: \$250 PS&E: \$306 R/W Sup: \$155 Con Sup: \$477	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$1,911	\$1,188		
			Total Project Cost:	\$3,099		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 91 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	91.0	91.0	Each
Post Condition	91.0	0.0	0.0	91.0	Each

04-Alameda-185 9.8/10.1 0434J 0400021215	In Oakland, from 55th Avenue to 50th Avenue (PM 9.75 to 10.09). Upgrade curb ramps, driveways, and sidewalks to make compliant with Americans with Disabilities Act (ADA) standards.	2G740 2021-22	R/W: \$75 Con: \$3,157	PA&ED: \$700 PS&E: \$950 R/W Sup: \$95 Con Sup: \$670	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 6/1/2022 Begin Con: 1/16/2023
Carryover			Subtotal: \$3,232	\$2,415		
			Total Project Cost:	\$5,647		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 11 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11.0	11.0	Each
Post Condition	11.0	0.0	0.0	11.0	Each

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-680 M0.1 2028G 0419000046	In Fremont, at the southbound offramp to Scott Creek Road; also on Route 238 (PM 0.737/0.832). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q760 2022-23	R/W: \$255 Con: \$2,461	PA&ED: \$620 PS&E: \$972 R/W Sup: \$255 Con Sup: \$788	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
<i>New</i>			Subtotal: \$2,716	\$2,635		
			Total Project Cost:	\$5,351		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 6 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6.0	6.0	Each
Post Condition	6.0	0.0	0.0	6.0	Each

04-Alameda-13 10.7/13.0 0124N 0419000091	In Berkeley, from Domingo Avenue to Mabel Street. Upgrade curb ramps and repair sidewalks to meet Americans with Disabilities Act (ADA) standards.	2G461 2021-22	R/W: \$410 Con: \$4,700	PA&ED: PS&E: R/W Sup: Con Sup: \$985	21-22	PA&ED: 12/28/2018 R/W Cert: 6/2/2022 RTL: 6/9/2022 Begin Con: 1/12/2023
<i>Carryover</i>			Subtotal: \$5,110	\$985		
			Total Project Cost:	\$6,095		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 22 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22.0	22.0	Each
Post Condition	22.0	0.0	0.0	22.0	Each

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Alameda-680 M6.4/R6.6 2020C 0418000026	In Fremont, at Mission San Jose (680/238) Separation No. 33-0294. Bridge approach slabs replacement, bridge deck overlay, and joint seals replacement.	OP920 2023-24	R/W: \$139 Con: \$14,937	PA&ED: \$712 PS&E: \$1,810 R/W Sup: \$46 Con Sup: \$4,165	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/1/2024
<i>New</i>			Subtotal: \$15,076	\$6,733		
			Total Project Cost:	\$21,809		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	25,188.0	25,188.0	Square feet
Post Condition	25,188.0	0.0	0.0	25,188.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0294	Fair	Fair

04-Alameda-84 17.0/17.4 0481M 0414000012	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade and seismic retrofit.	OJ550 2021-22	R/W: \$500 Con: \$13,000	PA&ED: \$1,863 PS&E: \$3,600 R/W Sup: \$250 Con Sup: \$3,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/30/2022
<i>Carryover</i>			Subtotal: \$13,500	\$9,313		
			Total Project Cost:	\$22,813		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11,776.0	11,776.0	Square feet
Post Condition	22,010.0	0.0	0.0	22,010.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0043	Good	Good

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-680 R10.2 2020B 0418000025	Near Sunol, at Alameda Creek Bridge No. 33-0047. Scour mitigation, bridge deck rehabilitation, and joint seal replacement.	0P910 2023-24	R/W: \$305 Con: \$7,461	PA&ED: \$1,699 PS&E: \$1,602 R/W Sup: \$223 Con Sup: \$2,166	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 10/1/2024
<i>New</i>			Subtotal: \$7,766	\$5,690		
			Total Project Cost:	\$13,456		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset

(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	79,857.0	79,857.0	Square feet
Post Condition	79,857.0	0.0	0.0	79,857.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0047	Good	Good

04-Alameda-880 15.6/26.5 1450C 0416000378	In Hayward, San Leandro, and Oakland, at Tennyson Road Overcrossing (OC) No. 33-0236 (PM 15.65), Washington Avenue OC No. 33-0166 (PM 20.82), and Damon Slough southbound onramp No. 33-0142K (PM 26.53); also on Route 77 in Oakland, at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.	2K170 2021-22	R/W: \$25 Con: \$10,300	PA&ED: \$800 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$2,200	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 12/17/2021 RTL: 1/21/2022 Begin Con: 9/26/2022
<i>Carryover</i>			Subtotal: \$10,325	\$4,750		
			Total Project Cost:	\$15,075		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 2,398.0 Linear feet rail
4 Bridge(s)

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,398.0	2,398.0	Linear feet rail
Post Condition	2,398.0	0.0	0.0	2,398.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0142K	Fair	Fair
Bridge No. 33-0166	Fair	Fair
Bridge No. 33-0236	Fair	Good
Bridge No. 33-0284	Fair	Fair

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 7.9 2020L 0418000023	In Oakland, at Burns Drive Pedestrian Overcrossing No. 33-0244 (PM 7.91). Replace pedestrian overcrossing and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0P890 2023-24	R/W: \$26 Con: \$17,450	PA&ED: \$2,359 PS&E: \$2,584 R/W Sup: \$93 Con Sup: \$4,252	20-21 21-22 21-22 23-24	PA&ED: 4/5/2022 R/W Cert: 2/20/2024 RTL: 3/5/2024 Begin Con: 9/3/2024
New			Subtotal: \$17,476 Total Project Cost:	\$9,288 \$26,764		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,120.0	2,120.0	Square feet
Post Condition	2,120.0	0.0	0.0	2,120.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0244	Fair	Fair

04-Alameda-580 R41.3/44.8 2020M 0418000024	In Oakland, at Fruitvale Avenue Undercrossing No. 33-0324 (PM R41.43), Van Buren Avenue Pedestrian Overcrossing (POC) No. 33-0313 (PM 43.75), Santa Clara Avenue POC No. 33-0312 (PM 43.76), and Broadway Richmond Boulevard Undercrossing No. 33-0285 (PM 44.51). Seismic retrofit and bridge rail replacement of two bridges, and demolish and replace two POCs.	0P900 2023-24	R/W: \$146 Con: \$26,505	PA&ED: \$3,170 PS&E: \$3,418 R/W Sup: \$311 Con Sup: \$5,301	20-21 21-22 21-22 23-24	PA&ED: 4/5/2022 R/W Cert: 10/20/2023 RTL: 2/3/2024 Begin Con: 8/6/2024
New			Subtotal: \$26,651 Total Project Cost:	\$12,200 \$38,851		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 4 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	248,355.0	248,355.0	Square feet
Post Condition	248,355.0	0.0	0.0	248,355.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0285	Poor	Poor
Bridge No. 33-0312	Good	Good
Bridge No. 33-0313	Good	Good
Bridge No. 33-0324	Fair	Fair

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 27.2 1483D 0415000005	In Oakland, at East Creek Slough Bridge No. 33-0143. Mitigate eroded channel side-slope tidal scour and replace bridge approach slabs.	2J760 2021-22	R/W: \$100 Con: \$2,307	PA&ED: \$1,000 PS&E: \$1,867 R/W Sup: \$160 Con Sup: \$1,170	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 5/14/2022 RTL: 6/1/2022 Begin Con: 1/15/2023
Carryover			Subtotal: \$2,407 Total Project Cost:	\$4,197 \$6,604		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12,981.0	0.0	12,981.0	Square feet
Post Condition	12,981.0	0.0	0.0	12,981.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 33-0143	Good	Good

ROADWAY PRESERVATION

04-Alameda-61 14.8/19.8 2027G 0419000042	In the cities of San Leandro, Oakland, and Alameda, from Route 112 (Davis Street) to Encinal Avenue. Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q720 2023-24	R/W: \$200 Con: \$16,345	PA&ED: \$1,530 PS&E: \$2,032 R/W Sup: \$89 Con Sup: \$2,597	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 1/2/2024 RTL: 1/16/2024 Begin Con: 9/20/2024
New			Subtotal: \$16,545 Total Project Cost:	\$6,248 \$22,793		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.4 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	16.6	0.0	18.4	Lane mile(s)
Post Condition	18.4	0.0	0.0	18.4	Lane mile(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-61 19.8/21.2 1452J 0417000013	In the city of Alameda, from Broadway/Encinal Avenue to Sherman Street. Pavement rehabilitation, upgrade Americans with Disabilities Act (ADA) curb ramps, and improve crosswalks.	2K710 2020-21	R/W: \$5 Con: \$4,874	PA&ED: \$1,220 PS&E: \$1,200 R/W Sup: \$22 Con Sup: \$1,500	Prior Prior Prior 20-21	PA&ED: 6/1/2020 R/W Cert: 5/15/2021 RTL: 6/1/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$4,879	\$3,942		
			Total Project Cost:	\$8,821		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 5.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.8	2.8	5.6	Lane mile(s)
Post Condition	5.6	0.0	0.0	5.6	Lane mile(s)

04-Alameda-185 3.2/6.5 1494C 0416000094	In San Leandro, from 0.1 mile south of Bayfair Drive to Durant Avenue; also on Route 112 from Doolittle Drive to East 14th Street/Route 185 (PM R0.0/1.782). Rehabilitate pavement and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0K490 2021-22	R/W: \$40 Con: \$14,928	PA&ED: \$1,417 PS&E: \$2,093 R/W Sup: \$375 Con Sup: \$2,405	Prior Prior 20-21 21-22	PA&ED: 3/2/2020 R/W Cert: 7/1/2021 RTL: 10/8/2021 Begin Con: 5/4/2022
<i>Carryover</i>			Subtotal: \$14,968	\$6,290		
			Total Project Cost:	\$21,258		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.3	2.1	18.4	Lane mile(s)
Post Condition	18.4	0.0	0.0	18.4	Lane mile(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 20.7/R30.8 0112H 0418000044	In and near Dublin and Castro Valley, from Route 680 to Route 238. Rehabilitate pavement, construct concrete barrier, upgrade signs, guardrail, and Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0Q100 2022-23	R/W: \$5 Con: \$63,607	PA&ED: \$1,973 PS&E: \$3,591 R/W Sup: \$180 Con Sup: \$4,165	20-21 21-22 21-22 22-23	PA&ED: 9/2/2021 R/W Cert: 5/1/2023 RTL: 6/1/2023 Begin Con: 1/2/2024
New			Subtotal: \$63,612 Total Project Cost:	\$9,909 \$73,521		
<p align="center"><i>SBI Baseline Agreement Required</i></p> <p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 77.2 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	24.3	45.0	7.9	77.2	Lane mile(s)
Post Condition	77.2	0.0	0.0	77.2	Lane mile(s)

04-Alameda-880 R0.0/11.8 1454G 0417000010	In Fremont, from Santa Clara County line to north of Fremont Boulevard Overcrossing. Cold plane pavement, overlay with Rubberized Hot Mix Asphalt (RHMA-G) and Open Graded Friction Course (OGFC), upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, and replace loop detectors.	2K700 2021-22	R/W: \$185 * Con: \$57,166	PA&ED: \$3,000 PS&E: \$5,000 R/W Sup: \$620 * Con Sup: \$5,400	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 11/1/2021 RTL: 3/1/2022 Begin Con: 3/1/2023
Carryover			Subtotal: \$57,351 Total Project Cost:	\$14,020 \$71,371		
<p align="center"><i>* Construction Capital and * Construction Support phases are NOT authorized</i></p> <p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 90.2 Lane mile(s)</p>						
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	49.3	40.9	0.0	90.2	Lane mile(s)
Post Condition	90.2	0.0	0.0	90.2	Lane mile(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 16.9 1498A 0416000256	Near Fremont, at Silver Spring Road Underpass; also on Route 580 at Fairmont Drive Overcrossing (PM 32.7) and Route 880 at Washington Avenue (PM 20.8); also in Solano County on Route 80 at Route 113 Junction (PM 42.84). Upgrade drainage pump plants.	1K510 2023-24	R/W: \$89 Con: \$4,483	PA&ED: \$1,091 PS&E: \$1,787 R/W Sup: \$155 Con Sup: \$2,028	20-21 22-23 22-23 23-24	PA&ED: 10/31/2022 R/W Cert: 5/30/2024 RTL: 6/7/2024 Begin Con: 1/30/2025
New			Subtotal: \$4,572 Total Project Cost:	\$5,061 \$9,633		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Pump plant(s) (ea)
Post Condition	4.0	0.0	0.0	4.0	Pump plant(s) (ea)

MOBILITY

04-Alameda-Var 1457C 0417000174	In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	3K510 2022-23	R/W: \$15 Con: \$15,960	PA&ED: \$360 PS&E: \$1,075 R/W Sup: \$15 Con Sup: \$2,700	20-21 20-21 20-21 22-23	PA&ED: 4/1/2021 R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 6/15/2023
New			Subtotal: \$15,975 Total Project Cost:	\$4,150 \$20,125		

Program 201.315 Transportation Management Systems
Project Output(s) 138 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	138	Field element(s)
Post Condition	100.0%	0.0%	138	Field element(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-Var 2028B 0419000023 New	In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	2Q540 2023-24	R/W: \$15 Con: \$16,650	PA&ED: \$365 PS&E: \$1,120 R/W Sup: \$15 Con Sup: \$2,700	20-21 21-22 21-22 23-24	PA&ED: 8/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 4/15/2024
			Subtotal: \$16,665	\$4,200		
			Total Project Cost:	\$20,865		

Program 201.315 Transportation Management Systems
Project Output(s) 147 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	147	Field element(s)
Post Condition	100.0%	0.0%	147	Field element(s)

04-Alameda-80 2.0/8.0 0064A 0414000106 New	In Alameda, Contra Costa, and Solano Counties, on Routes 80, 580, and 980 at various locations; also on local streets from Route 980 to the District 4 Transportation Management Center (TMC). Install fiber optic cable and install and upgrade Transportation Management System (TMS) elements.	15500 2022-23	R/W: \$320 Con: \$93,346	PA&ED: \$6,200 PS&E: \$6,200 R/W Sup: \$121 Con Sup: \$11,009	20-21 20-21 22-23	PA&ED: R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 5/1/2023
			Subtotal: \$93,666	\$17,330		
			Total Project Cost:	\$110,996		

SB1 Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 8 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	1	Field element(s)
Post Condition	100.0%	0.0%	8	Field element(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 30.4/46.5 1493N 0416000099	In and near San Leandro and Oakland, from Strobridge Avenue to 0.7 mile west of San Pablo Avenue at various locations (PM 30.36/46.5L/R). Install and upgrade ramp meters and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. (G13 Contingency)	0K530 2023-24	R/W: \$85 * Con: \$36,991	PA&ED: \$4,627 PS&E: \$3,441 R/W Sup: \$514 * Con Sup: \$3,596	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 3/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$37,076	\$12,178		
			Total Project Cost:	\$49,254		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.315 Transportation Management Systems		
			Project Output(s)	41 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	3	Field element(s)
Post Condition	100.0%	0.0%	41	Field element(s)

04-Alameda-880 2027J 0419000044	In Alameda, San Francisco, and San Mateo Counties, on Routes 80, 101, 880, and 980 at various locations. Install and upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Vehicle Detection Systems (VDS), Changeable Message Signs (CMS), ramp meters, and fiber optic cable. (G13 Contingency)	2Q740 2022-23	R/W: \$63 * Con: \$78,761	PA&ED: \$2,155 PS&E: \$10,958 R/W Sup: \$141 * Con Sup: \$11,071	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 4/30/2023 RTL: 5/31/2023 Begin Con: 2/4/2024
New			Subtotal: \$78,824	\$24,325		
			Total Project Cost:	\$103,149		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.315 Transportation Management Systems		
			Project Output(s)	84 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.0%	92.0%	24	Field element(s)
Post Condition	100.0%	0.0%	84	Field element(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-980 1488Z 0417000136 New	In various counties, on various routes at various locations. Upgrade controllers in vehicle detection and traffic signal systems.	3K360 2022-23	R/W: \$15 Con: \$7,300	PA&ED: \$160 PS&E: \$490 R/W Sup: \$15 Con Sup: \$1,240	20-21 20-21 20-21 22-23	PA&ED: 4/1/2021 R/W Cert: 9/1/2022 RTL: 10/1/2022 Begin Con: 6/15/2023
			Subtotal: \$7,315	\$1,905		
			Total Project Cost:	\$9,220		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

ROADSIDE PRESERVATION

04-Alameda-238 16.3/16.7 1453H 0417000023 Carryover	In San Leandro, from Hesperian Boulevard to Route 880 (PM 16.3/16.696); also on Route 580, from 0.2 mile east of San Pablo Avenue to San Pablo Avenue (PM 45.5/45.7); and in Solano County, on Route 80 in Vallejo at Redwood Parkway (PM 4.0/4.5). Highway planting and irrigation system rehabilitation.	2K790 2020-21	R/W: \$10 Con: \$2,530	PA&ED: \$600 PS&E: \$420 R/W Sup: \$50 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 10/24/2019 R/W Cert: 1/8/2021 RTL: 1/21/2021 Begin Con: 8/16/2021
			Subtotal: \$2,540	\$1,580		
			Total Project Cost:	\$4,120		

Program 201.210 Highway Planting Restoration
Project Output(s) 8.2 Acre(s)

**2020 SHOPP Project List
Alameda
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Alameda County

			R/W: \$8,577	PA&ED: \$45,718		
			Const: \$582,753	PS&E: \$72,612		
				R/W Sup: \$5,785		
				Con Sup: \$92,040		
			Subtotal: \$591,330		\$216,155	
			Total (Capital + Support):		\$807,485	

**2020 SHOPP Project List
Alpine
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Alpine-4 R0.0/31.7 1044 1018000271	Near Bear Valley, from Calaveras County line to Route 89; also on Route 89 at 0.9 mile north of Route 4 (PM 10.84). Rehabilitate pavement, replace guardrail and signs, place Rock Slope Protection (RSP), rehabilitate drainage systems, and enhance highway worker safety.	0J720 2023-24	R/W: \$575 * Con: \$37,000	PA&ED: \$2,213 PS&E: \$2,196 R/W Sup: \$1,076 * Con Sup: \$4,887	20-21 21-22 21-22 23-24	PA&ED: 6/9/2022 R/W Cert: 5/23/2024 RTL: 6/20/2024 Begin Con: 2/10/2025
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Subtotal: \$37,575 \$10,372
Total Project Cost: \$47,947

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 63.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	61.7	1.7	63.4	Lane mile(s)
Post Condition	63.4	0.0	0.0	63.4	Lane mile(s)

MOBILITY

10-Alpine-88 2.0/25.0 3436 1018000275	Near Kirkwood, on Routes 88, 4, and 89 in Alpine, Amador, and El Dorado Counties at various locations. Install new Transportation Management System (TMS) elements and construct Maintenance Vehicle Pullouts (MPVs).	1G020 2023-24	R/W: \$820 * Con: \$23,440	PA&ED: \$2,094 PS&E: \$2,589 R/W Sup: \$1,073 * Con Sup: \$3,592	20-21 21-22 21-22 23-24	PA&ED: 3/18/2022 R/W Cert: 3/25/2024 RTL: 4/24/2024 Begin Con: 10/22/2024
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Subtotal: \$24,260 \$9,348
Total Project Cost: \$33,608

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.315 Transportation Management Systems
Project Output(s) 63 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	5	Field element(s)
Post Condition	100.0%	0.0%	63	Field element(s)

**2020 SHOPP Project List
Alpine
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

10-Alpine-88	Near Kirkwood, at the Caples Lake Maintenance Station. Reconstruct a dormitory and sand shed structures, and rehabilitate a generator building.	1H560	R/W: \$26	PA&ED: \$853	20-21	PA&ED: 3/1/2022
1.9		2023-24	Con: \$24,948	PS&E: \$2,526	21-22	R/W Cert: 4/15/2024
3433				R/W Sup: \$50	21-22	RTL: 5/13/2024
1017000184				Con Sup: \$4,148	23-24	Begin Con: 12/11/2024
			Subtotal: \$24,974	\$7,577		
			Total Project Cost:	\$32,551		

New

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,032.0	22,032.0	Square feet
Post Condition	22,032.0	0.0	0.0	22,032.0	Square feet

Alpine County			
	R/W:	\$1,421	PA&ED: \$5,160
	Const:	\$85,388	PS&E: \$7,311
			R/W Sup: \$2,199
			Con Sup: \$12,627
	Subtotal:	\$86,809	\$27,297
	Total (Capital + Support):		\$114,106

2020 SHOPP Project List
Amador
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Amador-88	Near Jackson, from 0.5 mile east of	1C360	R/W: \$35	PA&ED: \$536	Prior	PA&ED: 7/1/2020
7.9/R65.8	Route 104 to 5.5 miles west of	2020-21	Con: \$3,693	PS&E: \$1,000	20-21	R/W Cert: 4/1/2021
3199	Kirkwood Meadows Road at various			R/W Sup:		RTL: 4/15/2021
1016000136	locations. Upgrade guardrail to			Con Sup: \$800	20-21	Begin Con: 11/1/2021
	make standard.					
<i>Carryover</i>			Subtotal: \$3,728	\$2,336		
			Total Project Cost:	\$6,064		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

BRIDGE PRESERVATION

10-Amador-49	Near Jackson, at Mokelumne River	0X752	R/W: \$58	PA&ED: \$1,590	Prior	PA&ED: 7/2/2020
0.0	Bridge No. 26-0012. Upgrade bridge	2021-22	Con: \$4,254	PS&E: \$2,010	20-21	R/W Cert: 4/28/2022
3219	rails and widen shoulders.			R/W Sup: \$135	20-21	RTL: 5/2/2022
1017000004				Con Sup: \$2,055	21-22	Begin Con: 12/27/2022
<i>Carryover</i>			Subtotal: \$4,312	\$5,790		
			Total Project Cost:	\$10,102		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 810.0 Linear feet rail
1 Bridge(s)

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	810.0	810.0	Linear feet rail
Post Condition	810.0	0.0	0.0	810.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 26-0012	Fair	Good

**2020 SHOPP Project List
Amador
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Amador-88 5.5/14.3 0167 1017000171	Near Martell, from Route 124 to Route 49. Rehabilitate pavement, modify traffic signals, upgrade guardrail, and rehabilitate drainage systems.	0Q210 2023-24	R/W: \$126 Con: \$11,516	PA&ED: \$980 PS&E: \$1,708 R/W Sup: \$104 Con Sup: \$1,674	20-21 21-22 21-22 23-24	PA&ED: 3/10/2022 R/W Cert: 5/10/2024 RTL: 5/31/2024 Begin Con: 12/24/2024
			Subtotal: \$11,642	\$4,466		
New			Total Project Cost:	\$16,108		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 19.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.6	0.1	19.7	Lane mile(s)
Post Condition	19.7	0.0	0.0	19.7	Lane mile(s)

10-Amador-88 R54.7/R60.8 2680 1012000002	Near Kirkwood, from west of Foster Meadow Road to 1.1 miles east of Shot Rock Vista Point. Rehabilitate pavement, upgrade guardrail, replace signs, rehabilitate culverts, and construct rumble strips.	0K130 2023-24	R/W: \$1,165 Con: \$17,510	PA&ED: \$1,653 PS&E: \$2,035 R/W Sup: \$34 Con Sup: \$2,647	20-21 21-22 21-22 23-24	PA&ED: 4/19/2022 R/W Cert: 10/19/2023 RTL: 11/17/2023 Begin Con: 5/17/2024
			Subtotal: \$18,675	\$6,369		
New			Total Project Cost:	\$25,044		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.1	13.9	14.0	Lane mile(s)
Post Condition	14.0	0.0	0.0	14.0	Lane mile(s)

**2020 SHOPP Project List
Amador
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Amador County

			R/W: \$1,384	PA&ED: \$4,759		
			Const: \$36,973	PS&E: \$6,753		
				R/W Sup: \$273		
				Con Sup: \$7,176		
			<hr/>			
			Subtotal: \$38,357	\$18,961		
			Total (Capital + Support):	\$57,318		

2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

03-Butte-32	Near Forest Ranch, from 1.3 miles	0J700	R/W: \$390	PA&ED: \$1,380	Prior	PA&ED: 10/1/2020
30.8/31.0	west to 1.1 miles west of Carpenter	2021-22	Con: \$14,000	PS&E: \$1,360	20-21	R/W Cert: 7/16/2021
2117	Ridge Road. Stabilize embankment			R/W Sup: \$660	20-21	RTL: 8/2/2021
0320000004	slope from recurring slipouts by			Con Sup: \$1,560	21-22	Begin Con: 12/20/2021
	constructing a retaining wall,		Subtotal: \$14,390	\$4,960		
Carryover	rehabilitating drainage systems, and		Total Project Cost:	\$19,350		
	upgrading guardrail.					

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

03-Butte-70	Near Pulga, from 0.7 mile east of	0J720	R/W: \$560	PA&ED: \$600	Prior	PA&ED: 10/1/2020
34.7/39.3	Pinkston Canyon Road/Big Bend	2021-22	Con: \$4,000	PS&E: \$810	20-21	R/W Cert: 7/16/2021
2301	Road to 1.7 miles west of North Fork			R/W Sup: \$50	20-21	RTL: 8/2/2021
0320000006	Feather River Bridge. Replace three			Con Sup: \$710	21-22	Begin Con: 12/20/2021
	culverts damaged during the Camp		Subtotal: \$4,560	\$2,170		
Carryover	Fire.		Total Project Cost:	\$6,730		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Butte-70 46.0/47.0 2293 0318000012	Near Paradise, from 0.8 mile west to 0.2 mile east of Shady Rest Area. Restore and repair damaged roadway by raising the existing vertical alignment by approximately five feet and protecting the embankment against future flooding with Rock Slope Protection (RSP) or a retaining structure.	3H540 2020-21	R/W: \$2,120 Con: \$43,846	PA&ED: \$1,700 PS&E: \$4,200 R/W Sup: \$400 Con Sup: \$6,600	Prior Prior Prior 20-21	PA&ED: 1/15/2020 R/W Cert: 11/20/2020 RTL: 12/5/2020 Begin Con: 3/15/2021
<i>Carryover</i>			Subtotal: \$45,966 Total Project Cost:	\$12,900 \$58,866		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

03-Butte-191 8.4/10.1 2707 0320000035	In and near Paradise, from 0.3 mile south of Airport Road to 0.2 mile north of Old Clark Road. Stabilize the fire damaged cut slopes, widen shoulders to create catchment area for rockfall debris, and improve drainage systems.	0J870 2021-22	R/W: \$370 Con: \$10,700	PA&ED: \$1,070 PS&E: \$1,490 R/W Sup: \$610 Con Sup: \$1,270	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 8/26/2021 RTL: 9/7/2021 Begin Con: 3/4/2022
<i>Carryover</i>			Subtotal: \$11,070 Total Project Cost:	\$4,440 \$15,510		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Butte-32 0.3/5.0 2116 0319000071	Near Chico, from Gianella Road to Muir Avenue. Install lighting, widen shoulders, upgrade end treatments at bridge approaches, and rehabilitate culverts.	4H880 2021-22	R/W: \$3,200 Con: \$13,400	PA&ED: \$1,200 PS&E: \$2,000 R/W Sup: \$350 Con Sup: \$1,700	Prior 20-21 20-21 21-22	PA&ED: 1/17/2021 R/W Cert: 2/11/2022 RTL: 2/26/2022 Begin Con: 7/22/2022
<i>Carryover</i>			Subtotal: \$16,600	\$5,250		
			Total Project Cost:	\$21,850		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

03-Butte-70 0.0/3.8 2296 0318000102	Near Oroville, from Yuba County line to south of East Gridley Road/Stimpson Road; also in Yuba County, on Route 70 from PM 25.7 to PM 25.8. Widen for two-way left-turn lane and standard shoulders.	3H930 2021-22	R/W: \$3,218 Con: \$28,750	PA&ED: \$3,400 PS&E: \$3,000 R/W Sup: \$2,500 Con Sup: \$3,200	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 9/25/2020 RTL: 10/6/2020 Begin Con: 3/5/2021
<i>Carryover</i>			Subtotal: \$31,968	\$12,100		
			Total Project Cost:	\$44,068		

Program 201.010 Safety Improvements
Project Output(s) 35 Collision(s) reduced

2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-Butte-32	In and near Chico, from Muir Avenue	4H760	R/W: \$800	PA&ED: \$2,000	20-21	PA&ED: 1/20/2022
5.0/10.2	to Route 99 (PM 5.0/10.2L/R).	2022-23	Con: \$24,900	PS&E: \$1,500	21-22	R/W Cert: 5/31/2023
2115	Rehabilitate pavement, install signals			R/W Sup: \$1,500	21-22	RTL: 6/15/2023
0319000046	and lighting, upgrade Transportation			Con Sup: \$2,500	22-23	Begin Con: 11/24/2023
	Management System (TMS) elements,		Subtotal: \$25,700	\$7,500		
New	rehabilitate drainage systems, and		Total Project Cost:	\$33,200		
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	15.0	1.8	18.6	Lane mile(s)
Post Condition	18.6	0.0	0.0	18.6	Lane mile(s)

03-Butte-99	In and near Gridley, from Hollis Lane	1H140	R/W: \$600	PA&ED: \$650	20-21	PA&ED: 3/1/2022
R3.1/5.0	to north of Ford Avenue. Rehabilitate	2023-24	Con: \$11,700	PS&E: \$1,180	21-22	R/W Cert: 12/15/2023
2435	pavement, upgrade Transportation			R/W Sup: \$510	21-22	RTL: 1/10/2024
0316000060	Management System (TMS) elements,			Con Sup: \$1,480	23-24	Begin Con: 5/29/2024
	rehabilitate drainage systems, and		Subtotal: \$12,300	\$3,820		
New	upgrade facilities to Americans with		Total Project Cost:	\$16,120		
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	6.7	0.0	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

2020 SHOPP Project List
Butte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

03-Butte-99	In and near Chico, from Southgate	1H860	R/W: \$35	PA&ED: \$561	Prior	PA&ED: 8/12/2019
29.3/T37.8	Avenue to Garner Lane. Install	2020-21	Con: \$8,470	PS&E: \$1,177	Prior	R/W Cert: 9/15/2020
2437	Transportation Management System (TMS) elements.			R/W Sup: \$41	Prior	RTL: 10/1/2020
0317000010				Con Sup: \$1,352	20-21	Begin Con: 2/25/2021
			Subtotal: \$8,505	\$3,131		
<i>Carryover</i>			Total Project Cost:	\$11,636		

Program 201.315 Transportation Management Systems
Project Output(s) 3.6 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0.0	Mile(s) of cable
Post Condition	100.0%	0.0%	3.6	Mile(s) of cable

Butte County

R/W: \$11,293	PA&ED: \$12,561
Const: \$159,766	PS&E: \$16,717
	R/W Sup: \$6,621
	Con Sup: \$20,372
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Subtotal: \$171,059	\$56,271
Total (Capital + Support):	\$227,330

**2020 SHOPP Project List
Calaveras**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

10-Calaveras-26	Near Mokelumne Hill and West Point, at various locations from 5.4 miles west of Ridge Road to the Amador County line. Stabilize failing and eroded slopes.	0V480	R/W: \$1,817	PA&ED: \$1,323	Prior	PA&ED: 8/1/2020
21.4/38.3		2021-22	Con: \$10,548	PS&E: \$1,978	20-21	R/W Cert: 6/1/2022
3132				R/W Sup: \$31	20-21	RTL: 6/1/2022
1013000264				Con Sup: \$3,242	21-22	Begin Con: 1/2/2023
<i>Carryover</i>			Subtotal: \$12,365	\$6,574		
			Total Project Cost:	\$18,939		

Program 201.131 Permanent Restoration
Project Output(s) 26 Location(s)

COLLISION REDUCTION

10-Calaveras-12	Near Valley Springs, from east of Chestnut Street to west of Lime Creek Road (west). Intersection safety improvements.	1J820	R/W: \$1,297	PA&ED: \$1,098	20-21	PA&ED: 9/12/2022
10.1/10.3		2023-24	Con: \$4,319	PS&E: \$1,374	22-23	R/W Cert: 5/10/2024
3476				R/W Sup: \$221	22-23	RTL: 6/17/2024
1019000055				Con Sup: \$1,216	23-24	Begin Con: 11/4/2024
<i>Carryover</i>			Subtotal: \$5,616	\$3,909		
			Total Project Cost:	\$9,525		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

**2020 SHOPP Project List
Calaveras**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

10-Calaveras-49 7.4/9.5 3429 1018000277	In Angels Camp, on Main Street from north of Brunner Hill Road to Pine Street. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H700 2023-24	R/W: \$310 Con: \$3,268	PA&ED: \$1,417 PS&E: \$1,508 R/W Sup: \$2,571 Con Sup: \$1,120	20-21 21-22 21-22 23-24	PA&ED: 11/16/2021 R/W Cert: 3/1/2024 RTL: 3/29/2024 Begin Con: 10/15/2024
New			Subtotal: \$3,578	\$6,616		
			Total Project Cost:	\$10,194		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 47 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	30.0	30.0	Each
Post Condition	30.0	0.0	0.0	30.0	Each

10-Calaveras-49 18.7/20.2 3435 1018000013	Near San Andreas, from south of Toyanza Street to north of Pool Station Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G270 2023-24	R/W: \$448 Con: \$8,911	PA&ED: \$1,922 PS&E: \$2,126 R/W Sup: \$1,235 Con Sup: \$1,998	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 12/12/2023 RTL: 1/9/2024 Begin Con: 8/8/2024
New			Subtotal: \$9,359	\$7,281		
			Total Project Cost:	\$16,640		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 32 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	32.0	32.0	Each
Post Condition	32.0	0.0	0.0	32.0	Each

**2020 SHOPP Project List
Calaveras
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-Calaveras-4 16.1 3255 1017000154	Near Angels Camp, at West Branch Cherokee Creek Bridge No. 30-0036. Replace bridge.	1H500 2021-22	R/W: \$278 Con: \$4,200	PA&ED: \$605 PS&E: \$1,392 R/W Sup: \$103 Con Sup: \$1,500	Prior Prior Prior 21-22	PA&ED: 12/27/2019 R/W Cert: 10/19/2021 RTL: 11/29/2021 Begin Con: 6/18/2022
			Subtotal: \$4,478	\$3,600		
<i>Carryover</i>			Total Project Cost:	\$8,078		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	463.0	0.0	463.0	Square feet
Post Condition	1,595.0	0.0	0.0	1,595.0	Square feet
<u>Bridge Health</u> Bridge No. 30-0036	<u>Existing Condition</u> Fair		<u>Post Condition</u> Good		

10-Calaveras-12 17.3 3288 1013000008	Near San Andreas, at North Fork Calaveras Creek Bridge No. 30-0007. Replace bridge.	0X740 2023-24	R/W: \$145 Con: \$8,557	PA&ED: \$1,072 PS&E: \$2,093 R/W Sup: \$90 Con Sup: \$2,293	20-21 21-22 21-22 23-24	PA&ED: 4/29/2022 R/W Cert: 3/15/2024 RTL: 4/8/2024 Begin Con: 10/31/2024
			Subtotal: \$8,702	\$5,548		
<i>New</i>			Total Project Cost:	\$14,250		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9,838.0	0.0	9,838.0	Square feet
Post Condition	13,200.0	0.0	0.0	13,200.0	Square feet
<u>Bridge Health</u> Bridge No. 30-0007	<u>Existing Condition</u> Fair		<u>Post Condition</u> Good		

**2020 SHOPP Project List
Calaveras**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Calaveras-26 3247 1015000128	Near West Point, at South Fork Mokelumne River Bridge No. 30-0022 (PM 30.0), and at North Fork Mokelumne River Bridge No. 30-0049 (PM 38.3); also on Route 4 in Angels Camp, at Angels Creek Bridge No. 30-0008 (PM R21.4). Upgrade bridge railing at three structures, also seismic retrofit at one location.	0X751 2021-22	R/W: \$8 Con: \$4,536	PA&ED: \$757 PS&E: \$1,604 R/W Sup: \$60 Con Sup: \$1,540	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 8/2/2021 RTL: 9/3/2021 Begin Con: 3/22/2022
Carryover			Subtotal: \$4,544	\$3,961		
			Total Project Cost:	\$8,505		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 808.0 Linear feet rail
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	488.0	320.0	808.0	Linear feet rail
Post Condition	808.0	0.0	0.0	808.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0008	Good	Good
Bridge No. 30-0022	Good	Good
Bridge No. 30-0049	Fair	Fair

ROADWAY PRESERVATION

10-Calaveras-4 32.4/37.4 3409 1017000181	Near Forest Meadows, from 1.4 miles east of Forest Meadows Drive to Moran Road; also on Route 49 in Calaveras County (PM 5.78/16.98) and Tuolumne County (PM 12.64/17.17) at various locations. Rehabilitate drainage systems.	1G620 2023-24	R/W: \$418 Con: \$2,677	PA&ED: \$1,248 PS&E: \$987 R/W Sup: \$225 Con Sup: \$1,134	20-21 22-23 22-23 23-24	PA&ED: 7/2/2022 R/W Cert: 2/15/2024 RTL: 4/10/2024 Begin Con: 2/16/2025
New			Subtotal: \$3,095	\$3,594		
			Total Project Cost:	\$6,689		

Program 201.151 Drainage System Restoration
Project Output(s) 22 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,949.0	1,949.0	Linear feet
Post Condition	1,949.0	0.0	0.0	1,949.0	Linear feet

**2020 SHOPP Project List
Calaveras**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MULTIPLE OBJECTIVE

10-Calaveras-4 R10.3/16.4 3067A 1018000164	Near Copperopolis and Angels Camp, from 2.0 miles east of Main Street to Stallion Way. Realign roadway, implement safety features by improving shoulder width, and rehabilitate culverts. Financial Contribution Only (FCO) to the Calaveras Council of Governments (CCOG).	0E531 2020-21	R/W: Con: \$10,325	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: 1/10/2017 R/W Cert: 7/1/2020 RTL: 7/31/2020 Begin Con: 3/1/2021
<i>Carryover</i>			Subtotal: \$10,325			
			Total Project Cost:	\$10,325		

Program 201.999 Multiple Objective
Project Output(s) 12.2 Centerline mile(s)

Calaveras County			
	R/W:	\$4,721	PA&ED: \$9,442
	Const:	\$57,341	PS&E: \$13,062
			R/W Sup: \$4,536
			Con Sup: \$14,043
	Subtotal:	\$62,062	\$41,083
	Total (Capital + Support):		\$103,145

**2020 SHOPP Project List
Colusa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Colusa-20	Near Colusa, from Niagara Avenue to	0H650	R/W: \$4,700	PA&ED: \$860	Prior	PA&ED: 7/2/2020
34.8/36.5	0.3 mile west of Steidlmayer Road.	2021-22	Con: \$5,900	PS&E: \$1,120	20-21	R/W Cert: 3/1/2022
2951	Widen shoulders to 8 feet to provide			R/W Sup: \$580	20-21	RTL: 3/15/2022
0316000003	adequate recoverable space for			Con Sup: \$1,460	21-22	Begin Con: 9/1/2022
	errant vehicles.					
			Subtotal: \$10,600	\$4,020		
<i>Carryover</i>			Total Project Cost:	\$14,620		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

Colusa County					
			R/W: \$4,700	PA&ED: \$860	
			Const: \$5,900	PS&E: \$1,120	
				R/W Sup: \$580	
				Con Sup: \$1,460	
			Subtotal: \$10,600	\$4,020	
			Total (Capital + Support):	\$14,620	

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Contra Costa-680 R19.2/19.9 2028N 0418000152	In Concord and Pleasant Hill, at Willow Pass Road Undercrossing No. 28-0178 and Concord Avenue Undercrossing No. 28-0190. Stabilize storm damaged abutment slopes by paving with concrete.	0Q780 2022-23	R/W: \$24 Con: \$2,119	PA&ED: \$608 PS&E: \$752 R/W Sup: \$66 Con Sup: \$807	Prior 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 1/5/2023 RTL: 1/16/2023 Begin Con: 8/1/2023
<i>Carryover</i>			Subtotal: \$2,143	\$2,233		
			Total Project Cost:	\$4,376		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

04-Contra Costa-4 R1.0/R9.0 1454F 0417000161	In and near Martinez, from East Hercules Underpass to west of Pine Street/Center Avenue. Install safety lighting and apply High Friction Surface Treatment (HFST).	3K440 2021-22	R/W: \$5 Con: \$7,870	PA&ED: \$920 PS&E: \$1,300 R/W Sup: \$41 Con Sup: \$1,579	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 3/1/2023
<i>Carryover</i>			Subtotal: \$7,875	\$3,840		
			Total Project Cost:	\$11,715		

Program 201.010 Safety Improvements
Project Output(s) 68 Collision(s) reduced

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-80 0.0/13.5 1497F 0416000044	In various cities, from Alameda County line to 0.6 mile west of Solano County line; also in Alameda County in Albany, from 0.4 mile west to the Contra Costa County line (PM R7.6/8.0). Install lighting and upgrade concrete barrier.	0K160 2021-22	R/W: \$254 Con: \$52,621	PA&ED: \$6,869 PS&E: \$6,869 R/W Sup: \$1,374 Con Sup: \$7,327	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 4/1/2022 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$52,875	\$22,439		
			Total Project Cost:	\$75,314		

SBI Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 460 Collision(s) reduced

04-Contra Costa-4 1487N 0415000091	In Contra Costa County, on Routes 4, 24, 80, 123, 242, 580, and 680 at various locations. Install Accessible Pedestrian Signals (APS) systems and pedestrian countdown timers, and refresh crosswalk markings with high-visibility striping to enhance pedestrian safety.	3J140 2021-22	R/W: \$150 Con: \$7,487	PA&ED: \$1,108 PS&E: \$1,108 R/W Sup: \$80 Con Sup: \$1,400	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 9/1/2021 RTL: 9/16/2021 Begin Con: 5/10/2022
<i>Carryover</i>			Subtotal: \$7,637	\$3,696		
			Total Project Cost:	\$11,333		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-4 0.0/R20.4 0481U 041400004	In and near Hercules, Martinez, and Concord, at various locations from Route 80 to 0.3 mile east of Bailey Road. Upgrade guardrail to make standard.	0J480 2021-22	R/W: \$10 Con: \$12,400	PA&ED: \$1,000 PS&E: \$1,400 R/W Sup: \$52 Con Sup: \$1,500	Prior Prior 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$12,410	\$3,952		
			Total Project Cost:	\$16,362		

Program 201.015 Collision Severity Reduction
Project Output(s) 17 Collision(s) reduced

04-Contra Costa-4 R31.0/48.2 1492H 0416000026	In and near Antioch and Brentwood, from 0.6 mile east of Route 160 to Old River Bridge. Construct and modify Maintenance Vehicle Pullouts (MVPs) to improve highway worker safety.	4J950 2021-22	R/W: \$72 Con: \$1,234	PA&ED: \$928 PS&E: \$663 R/W Sup: \$40 Con Sup: \$530	Prior 20-21 21-22 21-22	PA&ED: 11/2/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$1,306	\$2,161		
			Total Project Cost:	\$3,467		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 15 Location(s)

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Contra Costa-4 0.0/25.0 2020D 0418000050	In and near Hercules, Martinez, Concord, and Pittsburg, from San Pablo Avenue to Century Boulevard Undercrossing at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture.	0Q200	R/W: \$184	PA&ED: \$1,057	20-21	PA&ED: 3/1/2022
		2023-24	Con: \$4,630	PS&E: \$1,796	21-22	R/W Cert: 7/7/2023
				R/W Sup: \$11	21-22	RTL: 8/1/2023
				Con Sup: \$2,290	23-24	Begin Con: 2/21/2024
		Subtotal:	\$4,814	\$5,154		
		Total Project Cost:		\$9,968		

Program 201.335 Storm Water Mitigation
Project Output(s) 17.0 Acre(s) treated/pollutant

04-Contra Costa-80 0.0/11.0 2020E 0418000051	In and near Richmond, San Pablo, Pinole, and Hercules, from Alameda County line to east of Willow Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q210	R/W: \$173	PA&ED: \$1,169	20-21	PA&ED: 10/1/2021
		2022-23	Con: \$7,750	PS&E: \$1,810	21-22	R/W Cert: 2/1/2023
				R/W Sup: \$82	21-22	RTL: 3/1/2023
				Con Sup: \$2,380	22-23	Begin Con: 11/1/2023
		Subtotal:	\$7,923	\$5,441		
		Total Project Cost:		\$13,364		

Program 201.335 Storm Water Mitigation
Project Output(s) 74.1 Acre(s) treated/pollutant

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-680 R0.0/24.0 2026E 0419000034	In and near various cities, from Alameda County line to south of Waterfront Road/Marina Vista Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2Q650 2023-24	R/W: \$66 Con: \$13,899	PA&ED: \$1,565 PS&E: \$2,213 R/W Sup: \$35 Con Sup: \$3,978	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 11/1/2023 RTL: 12/1/2023 Begin Con: 7/1/2024
New			Subtotal: \$13,965 Total Project Cost:	\$7,791 \$21,756		
				Program 201.335 Storm Water Mitigation Project Output(s) 309.4 Acre(s) treated/pollutant		

BRIDGE PRESERVATION

04-Contra Costa-80 7.6/12.8 2022K 0418000027	In Pinole and Hercules, at Appian Way Overcrossing No. 28-0146R (PM 7.60) and Cummings Skyway Overcrossing No. 28-0149 (PM 12.75). Upgrade bridge rails and widen bridges to comply with Americans with Disabilities Act (ADA) standards.	0P930 2023-24	R/W: \$37 Con: \$15,528	PA&ED: \$1,870 PS&E: \$2,904 R/W Sup: \$17 Con Sup: \$4,256	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 2/2/2024 RTL: 3/29/2024 Begin Con: 11/1/2024
New			Subtotal: \$15,565 Total Project Cost:	\$9,047 \$24,612		
				Program 201.112 Bridge Rail Replacement and Upgrade Project Output(s) 1,294.0 Linear feet rail 2 Bridge(s)		

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,294.0	1,294.0	Linear feet rail
Post Condition	1,294.0	0.0	0.0	1,294.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 28-0146R	Fair	Fair
Bridge No. 28-0149	Fair	Fair

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-24 R3.5 1493A 0416000027	In Orinda, at St. Stephens Drive Overcrossing No. 28-0111. Seismic retrofit.	4J840 2021-22	R/W: \$68 Con: \$5,600	PA&ED: \$925 PS&E: \$1,175 R/W Sup: \$175 Con Sup: \$1,700	Prior Prior Prior 21-22	PA&ED: 4/13/2020 R/W Cert: 1/4/2022 RTL: 2/21/2022 Begin Con: 12/12/2022
			Subtotal: \$5,668	\$3,975		
Carryover			Total Project Cost:	\$9,643		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	13,982.0	13,982.0	Square feet
Post Condition	13,982.0	0.0	0.0	13,982.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 28-0111	Good	Good

ROADWAY PRESERVATION

04-Contra Costa-4 L0.0/R14.3 2027F 0419000040	In and near Hercules, Martinez, and Concord, from San Pablo Avenue to east of Peralta Road Undercrossing. Rehabilitate roadway, upgrade guardrail and signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q700 2022-23	R/W: \$29 Con: \$45,024	PA&ED: \$3,324 PS&E: \$4,538 R/W Sup: \$917 Con Sup: \$6,228	20-21 21-22 21-22 22-23	PA&ED: 5/13/2022 R/W Cert: 5/26/2023 RTL: 6/15/2023 Begin Con: 3/15/2024
			Subtotal: \$45,053	\$15,007		
New			Total Project Cost:	\$60,060		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 62.0 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	6.4	54.8	0.8	62.0	Lane mile(s)
Post Condition	62.0	0.0	0.0	62.0	Lane mile(s)

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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04-Contra Costa-4 R14.3/24.3 1462R 0417000014	In and near Concord and Pittsburg, from Route 242 to Loveridge Road. Rehabilitate pavement, upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant and upgrade guardrail to make standard.	2K720 2021-22	R/W: \$93	PA&ED: \$2,720	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
			* Con: \$55,281	PS&E: \$6,400		
Carryover	(G13 Contingency)		Subtotal: \$55,374	\$18,220		
			Total Project Cost:	\$73,594		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 95.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.5	87.2	5.3	95.0	Lane mile(s)
Post Condition	95.0	0.0	0.0	95.0	Lane mile(s)

04-Contra Costa-80 10.1/13.5 1487E 0415000077	In and near Hercules, Rodeo, and Crocket, from Route 4 to the Carquinez Bridge. Roadway rehabilitation.	3J070 2021-22	R/W: \$28	PA&ED: \$3,083	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 11/15/2022
			* Con: \$61,317	PS&E: \$4,624		
Carryover	(G13 Contingency)		Subtotal: \$61,345	\$15,414		
			Total Project Cost:	\$76,759		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 21.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.4	17.6	3.9	21.9	Lane mile(s)
Post Condition	21.9	0.0	0.0	21.9	Lane mile(s)

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-24 R4.3 1452G 0414000534	In Lafayette, at the southbound offramp to Acalanes Road. Rehabilitate drainage system and repair sinkhole.	2J580 2022-23	R/W: \$6 Con: \$1,363	PA&ED: \$403 PS&E: \$543 R/W Sup: \$53 Con Sup: \$665	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$1,369	\$1,664		
			Total Project Cost:	\$3,033		

Program 201.151 Drainage System Restoration
Project Output(s) 3 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	255.0	255.0	Linear feet
Post Condition	255.0	0.0	0.0	255.0	Linear feet

MOBILITY

04-Contra Costa-680 2025C 0418000321	In Alameda, Contra Costa, and Solano Counties, on Routes 580, 680, and 780 at various locations. Install and upgrade fiber optic cable, ramp metering systems, and Transportation Management System (TMS) elements, and widen ramps to provide High- Occupancy Vehicle (HOV) bypass ramp lanes.	1Q720 2023-24	R/W: \$312 * Con: \$100,331	PA&ED: \$5,475 PS&E: \$9,620 R/W Sup: \$632 * Con Sup: \$15,145	20-21 21-22 21-22 23-24	PA&ED: 6/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
New			Subtotal: \$100,643	\$30,872		
			Total Project Cost:	\$131,515		

* Construction Capital and * Construction Support phases are NOT
authorized
SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 133 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	67.0%	33.0%	3	Field element(s)
Post Condition	100.0%	0.0%	133	Field element(s)

**2020 SHOPP Project List
Contra Costa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Contra Costa County

			R/W: \$1,511	PA&ED: \$33,024		
			Const: \$394,454	PS&E: \$47,715		
				R/W Sup: \$4,561		
				Con Sup: \$65,606		
			Subtotal: \$395,965		\$150,906	
			Total (Capital + Support):		\$546,871	

**2020 SHOPP Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Del Norte-101 21.2 1122 0116000137	Near Crescent City, at 0.2 mile north of Cushing Creek Viaduct. Restore roadway to pre-slide condition.	0G210 2020-21	R/W: \$18 Con: \$10,355	PA&ED: \$1,488 PS&E: \$2,276 R/W Sup: \$116 Con Sup: \$3,974	Prior Prior Prior 20-21	PA&ED: 10/29/2019 R/W Cert: 9/4/2020 RTL: 1/15/2021 Begin Con: 5/19/2021
			Subtotal: \$10,373	\$7,854		
Carryover			Total Project Cost:	\$18,227		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

BRIDGE PRESERVATION

01-Del Norte-101 35.8/36.5 0100V 0100000193	Near Crescent City from 0.3 mile south to 0.4 mile north of Smith River (Dr. Ernest M Fine Memorial) Bridge No. 01-0020. Replace bridge.	43640 2020-21	R/W: \$6,499 Con: \$72,506	PA&ED: \$10,942 PS&E: \$4,200 R/W Sup: \$650 Con Sup: \$12,250	Prior Prior Prior 20-21	PA&ED: 3/19/2020 R/W Cert: 4/1/2021 RTL: 4/19/2021 Begin Con: 9/1/2021
			Subtotal: \$79,005	\$28,042		
Carryover			Total Project Cost:	\$107,047		

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	33,314.0	0.0	33,314.0	Square feet
Post Condition	52,275.0	0.0	0.0	52,275.0	Square feet
<u>Bridge Health</u> Bridge No. 01-0020	<u>Existing Condition</u> Fair		<u>Post Condition</u> Good		

**2020 SHOPP Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-101 8.2/8.7 1137M 0120000028	Near Klamath, at Panther Creek Bridge No. 01-0025 and at Hunter Creek Bridge No. 01-0003. Environmental mitigation monitoring for project EA 0B090.	0B091 2021-22	R/W: \$5 Con: \$230	PA&ED: PS&E: R/W Sup: \$3 Con Sup: \$200	21-22 21-22	PA&ED: 7/5/2018 R/W Cert: 4/16/2019 RTL: 6/1/2022 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$235	\$203		
			Total Project Cost:	\$438		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 0 Bridge(s)

ROADWAY PRESERVATION

01-Del Norte-199 1.1/2.6 1130 0119000028	Near Crescent City, at various locations from north of Elk Valley Cross Road to south of Walker Road. Culvert rehabilitation and fish passage.	48802 2020-21	R/W: \$88 Con: \$3,527	PA&ED: \$300 PS&E: \$480 R/W Sup: \$30 Con Sup: \$407	Prior Prior 20-21 20-21	PA&ED: 1/14/2020 R/W Cert: 1/8/2021 RTL: 1/21/2021 Begin Con: 5/6/2021
<i>Carryover</i>			Subtotal: \$3,615	\$1,217		
			Total Project Cost:	\$4,832		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	200.0	92.9	342.8	635.7	Linear feet
Post Condition	1,091.5	0.0	0.0	1,091.5	Linear feet

**2020 SHOPP Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-199 33.5/33.9 1115 0116000005 Carryover	Near the Oregon State line, from 0.1 mile to 0.5 mile north of Collier Safety Roadside Rest Area (SRRA). Upgrade lighting and power control system at the Randolph Collier Tunnel No. 01-0049.	0F430 2020-21	R/W: Con: \$4,583	PA&ED: \$355 PS&E: \$1,213 R/W Sup: \$86 Con Sup: \$949	Prior Prior Prior 20-21	PA&ED: 6/3/2019 R/W Cert: 10/14/2020 RTL: 11/13/2020 Begin Con: 2/5/2021
			Subtotal: \$4,583	\$2,603		
			Total Project Cost:	\$7,186		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 238 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	238.0	238.0	Each
Post Condition	238.0	0.0	0.0	238.0	Each

MOBILITY

01-Del Norte-101 R5.1/R5.6 1110 0115000094 Carryover	In Klamath, from 0.2 mile south to 0.3 mile north of Ehlers Way. Extend the left-turn pocket, install acceleration lane for left-turns, and extend acceleration lane for right-turns at the intersection of Ehlers Way and Route 101.	0F240 2021-22	R/W: \$446 Con: \$1,581	PA&ED: \$697 PS&E: \$847 R/W Sup: \$15 Con Sup: \$649	Prior 20-21 20-21 21-22	PA&ED: 3/25/2020 R/W Cert: 9/27/2021 RTL: 10/15/2021 Begin Con: 2/8/2022
			Subtotal: \$2,027	\$2,208		
			Total Project Cost:	\$4,235		

Program 201.310 Operational Improvements
Project Output(s) 0.2 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

01-Del Norte-199 28.1 1117 0116000060	Near Gasquet, at the Idlewild Maintenance Station. Construct new office space building, and rehabilitate water system and septic system.	0F760 2021-22	R/W: \$20 Con: \$3,960	PA&ED: \$561 PS&E: \$1,565 R/W Sup: \$43 Con Sup: \$2,038	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 9/1/2021 RTL: 11/19/2021 Begin Con: 3/23/2022
<i>Carryover</i>			Subtotal: \$3,980	\$4,207		
			Total Project Cost:	\$8,187		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,560.0	2,560.0	Square feet
Post Condition	5,235.0	0.0	0.0	5,235.0	Square feet

Del Norte County					
			R/W: \$7,076	PA&ED: \$14,343	
			Const: \$96,742	PS&E: \$10,581	
				R/W Sup: \$943	
				Con Sup: \$20,467	
			Subtotal: \$103,818	\$46,334	
			Total (Capital + Support):	\$150,152	

2020 SHOPP Project List
El Dorado
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

03-El Dorado-50 45.2 3339 0320000005	Near Kyburz, at 1.4 miles east of Alder Creek Tract. Repair the storm damaged down drain and stabilize hillside slope.	0J710 2021-22	R/W: \$5 Con: \$1,700	PA&ED: \$320 PS&E: \$410 R/W Sup: \$50 Con Sup: \$320	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 8/26/2021 RTL: 9/3/2021 Begin Con: 3/4/2022
<i>Carryover</i>			Subtotal: \$1,705	\$1,100		
			Total Project Cost:	\$2,805		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

03-El Dorado-50 75.4/80.1 3469 0319000072	In South Lake Tahoe, from Route 89 to Park Avenue. Install lighting, pedestrian signals at mid-block crossings, signs, and green bike lane treatment to improve safety for pedestrians and bicyclists.	4H890 2022-23	R/W: \$970 Con: \$13,900	PA&ED: \$1,610 PS&E: \$1,470 R/W Sup: \$2,720 Con Sup: \$2,920	Prior 20-21 20-21 22-23	PA&ED: 2/5/2021 R/W Cert: 6/1/2023 RTL: 6/15/2023 Begin Con: 10/12/2023
<i>Carryover</i>			Subtotal: \$14,870	\$8,720		
			Total Project Cost:	\$23,590		

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

**2020 SHOPP Project List
El Dorado
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-El Dorado-50	Near Cameron Park and Shingle Springs, from east of Silva Valley Parkway to west of El Dorado Road.	1H040 2021-22	R/W: \$180 Con: \$3,900	PA&ED: \$630 PS&E: \$570 R/W Sup: \$540 Con Sup: \$940	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0316000050	Rehabilitate culverts.					
<i>Carryover</i>						
			Subtotal: \$4,080	\$2,680		
			Total Project Cost:	\$6,760		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	177.1	1,455.2	3,279.3	4,911.6	Linear feet
Post Condition	4,911.6	0.0	0.0	4,911.6	Linear feet

03-El Dorado-50	In and near Placerville, from west of El Dorado Road to west of Schnell School Road. Rehabilitate deteriorated culverts.	1H800 2021-22	R/W: \$620 Con: \$3,000	PA&ED: \$200 PS&E: \$600 R/W Sup: \$120 Con Sup: \$960	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0317000003						
<i>Carryover</i>						
			Subtotal: \$3,620	\$1,880		
			Total Project Cost:	\$5,500		

Program 201.151 Drainage System Restoration
Project Output(s) 32 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	271.3	389.0	4,039.7	4,700.0	Linear feet
Post Condition	4,700.0	0.0	0.0	4,700.0	Linear feet

2020 SHOPP Project List
El Dorado
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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El Dorado County

			R/W: \$1,775	PA&ED: \$2,760		
			Const: \$22,500	PS&E: \$3,050		
				R/W Sup: \$3,430		
				Con Sup: \$5,140		
			<hr/>			
			Subtotal: \$24,275	\$14,380		
			Total (Capital + Support):	\$38,655		

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Fresno-41 R1.8/R2.2 7040 0619000229	Near Camden, from 0.2 mile south to 0.2 mile north of Mount Whitney Avenue. Construct roundabout.	1A290 2022-23	R/W: \$300 Con: \$8,100	PA&ED: \$1,200 PS&E: \$2,200 R/W Sup: \$350 Con Sup: \$1,600	Prior 20-21 20-21 22-23	PA&ED: 4/30/2021 R/W Cert: 5/2/2023 RTL: 5/4/2023 Begin Con: 11/27/2023
<i>Carryover</i>			Subtotal: \$8,400	\$5,350		
			Total Project Cost:	\$13,750		

Program 201.010 Safety Improvements
Project Output(s) 54 Collision(s) reduced

06-Fresno-41 M5.7/R7.1 7042 0619000230	Near Wildflower, from 0.3 mile south to 1.0 mile north of East Elkhorn Avenue. Construct roundabout.	1A300 2022-23	R/W: \$200 Con: \$8,200	PA&ED: \$1,200 PS&E: \$2,200 R/W Sup: \$200 Con Sup: \$1,600	Prior 20-21 20-21 22-23	PA&ED: 4/30/2021 R/W Cert: 5/2/2023 RTL: 5/4/2023 Begin Con: 11/27/2023
<i>Carryover</i>			Subtotal: \$8,400	\$5,200		
			Total Project Cost:	\$13,600		

Program 201.010 Safety Improvements
Project Output(s) 39 Collision(s) reduced

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-41 M6.0/R20.1 6962 0618000194	Near Easton, from Elkhorn Avenue to North Avenue. Construct rumble strips.	0Y030 2020-21	R/W: \$10 Con: \$1,300	PA&ED: \$400 PS&E: \$700 R/W Sup: \$20 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 7/2/2020 RTL: 7/8/2020 Begin Con: 1/19/2021
			Subtotal: \$1,310	\$1,620		
<i>Carryover</i>			Total Project Cost:	\$2,930		

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

06-Fresno-145 0.0/33.6 6975 0619000020	Near Kerman, from Route 5 to Church Avenue. Construct centerline and shoulder rumble strips.	0Y420 2021-22	R/W: \$20 Con: \$3,400	PA&ED: \$470 PS&E: \$940 R/W Sup: \$20 Con Sup: \$930	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/22/2022
			Subtotal: \$3,420	\$2,360		
<i>Carryover</i>			Total Project Cost:	\$5,780		

Program 201.010 Safety Improvements
Project Output(s) 23 Collision(s) reduced

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-180 47.3/48.0 7009 0619000172	Near Rolinda, from 0.3 mile west to 0.3 mile east of Dickenson Avenue. Construct roundabout.	0Y410 2023-24	R/W: \$830 Con: \$5,600	PA&ED: \$1,600 PS&E: \$1,700 R/W Sup: \$800 Con Sup: \$1,550	Prior 21-22 21-22 23-24	PA&ED: 3/16/2022 R/W Cert: 11/17/2023 RTL: 12/4/2023 Begin Con: 7/2/2024
			Subtotal: \$6,430	\$5,650		
Carryover			Total Project Cost:	\$12,080		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Fresno-41 R23.1/R31.7 7013 0618000138	In the city of Fresno, from Ventura Avenue Viaduct to Friant Road. Construct Maintenance Vehicle Pullouts (MVPs), access gates, relocate irrigation facilities, and pave beyond gore.	0X780 2022-23	R/W: \$14 Con: \$6,626	PA&ED: \$431 PS&E: \$1,187 R/W Sup: \$22 Con Sup: \$2,496	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 7/1/2022 RTL: 11/4/2022 Begin Con: 5/22/2023
			Subtotal: \$6,640	\$4,136		
New			Total Project Cost:	\$10,776		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 6 Location(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Fresno-33	In Fresno County, at Colony Main Canal Bridge No. 42-0031, Helm	0U000 2021-22	R/W: \$910 Con: \$2,340	PA&ED: \$538 PS&E: \$893 R/W Sup: \$334 Con Sup: \$830	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 4/15/2022 RTL: 5/1/2022 Begin Con: 9/15/2022
6773	Canal Bridge No. 42-0033 and Poso					
0615000296	Canal Bridge No. 42-0034; also in Kern County, on Route 58 at Main Drain					
<i>Carryover</i>	Canal Bridge No. 50-0013. Repair erosion, clean and encase piers in concrete.					
			Subtotal: \$3,250	\$2,595		
			Total Project Cost:	\$5,845		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,438.0	9,063.0	16,501.0	Square feet
Post Condition	16,501.0	0.0	0.0	16,501.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 42-0031	Poor	Good
Bridge No. 42-0033	Poor	Good
Bridge No. 42-0034	Fair	Good
Bridge No. 50-0013	Poor	Good

ROADWAY PRESERVATION

06-Fresno-33	In and near Firebaugh, from Morris Kyle Drive to 0.6 mile north of Clyde	0X300 2023-24	R/W: \$260 Con: \$12,500	PA&ED: \$1,700 PS&E: \$2,100 R/W Sup: \$1 Con Sup: \$2,800	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/20/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
69.4/71.5	Fannon Drive. Rehabilitate roadway, replace signs, install Transportation Management System (TMS) elements,					
6972	upgrade guardrail, and rehabilitate drainage systems.					
0618000051						
<i>New</i>						
			Subtotal: \$12,760	\$6,601		
			Total Project Cost:	\$19,361		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1.4	5.4	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-99 21.2/24.4 6949 0617000306	In the city of Fresno, from south of El Dorado Street to Clinton Avenue. Rehabilitate roadway, repair or replace culverts, construct pumping plants, and remove or replace bridges. This is a Construction Manager/General Contractor (CMGC) project.	0W800 2023-24	R/W: \$34,000 * Con: \$257,000	PA&ED: \$20,000 PS&E: \$18,000 R/W Sup: \$1,800 * Con Sup: \$36,500	Prior 21-22 21-22 23-24	PA&ED: 2/18/2022 R/W Cert: 4/15/2024 RTL: 4/30/2024 Begin Con: 11/27/2024
Carryover	(G13 Contingency)		Subtotal: \$291,000 Total Project Cost:	\$76,300 \$367,300		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
<p align="right">Program 201.120 Roadway Rehabilitation (3R) Project Output(s) 18.9 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	16.7	0.0	18.9	Lane mile(s)
Post Condition	18.9	0.0	0.0	18.9	Lane mile(s)

06-Fresno-5 37.2/48.8 6970 0618000048	Near Mendota, from north of Three Rocks Road to south of Panoche Road. Pavement rehabilitation, repair culverts and upgrade Transportation Management Systems (TMS) field elements.	0X270 2021-22	R/W: \$3,100 * Con: \$35,900	PA&ED: \$2,000 PS&E: \$1,300 R/W Sup: \$210 * Con Sup: \$5,200	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 8/2/2021 RTL: 12/1/2021 Begin Con: 7/1/2022
Carryover	(G13 Contingency)		Subtotal: \$39,000 Total Project Cost:	\$8,710 \$47,710		
* Construction Capital and * Construction Support phases are NOT authorized						
<p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 46.3 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.0	16.3	0.0	46.3	Lane mile(s)
Post Condition	46.3	0.0	0.0	46.3	Lane mile(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-5 60.1/66.2 6971 0618000049	Near Los Banos, from Shields Avenue to Merced County line (PM 66.159). Rehabilitate pavement, install Transportation Management System (TMS) elements, and upgrade signs, guardrail, and lighting.	0X280 2022-23	R/W: \$10 Con: \$16,000	PA&ED: \$1,491 PS&E: \$1,100 R/W Sup: \$19 Con Sup: \$2,130	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 9/1/2022 RTL: 11/16/2022 Begin Con: 6/2/2023
New			Subtotal: \$16,010	\$4,740		
			Total Project Cost:	\$20,750		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.8	14.3	0.0	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

06-Fresno-145 20.2/26.1 6934 0618000052	Near Helm, from Kamm Avenue to Manning Avenue. Pavement rehabilitation.	0X310 2020-21	R/W: \$40 Con: \$6,900	PA&ED: \$820 PS&E: \$860 R/W Sup: \$30 Con Sup: \$2,100	Prior Prior Prior 20-21	PA&ED: 4/1/2020 R/W Cert: 12/22/2020 RTL: 1/22/2021 Begin Con: 6/28/2021
Carryover			Subtotal: \$6,940	\$3,810		
			Total Project Cost:	\$10,750		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	11.5	0.0	12.3	Lane mile(s)
Post Condition	12.3	0.0	0.0	12.3	Lane mile(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-198 6921 0618000015	In Fresno County, on Route 198 at various locations. Improve drainage facilities by repairing or replacing culverts.	0X060 2022-23	R/W: \$660 Con: \$14,900	PA&ED: \$3,000 PS&E: \$1,600 R/W Sup: \$1,600 Con Sup: \$2,800	Prior Prior Prior 22-23	PA&ED: 11/9/2020 R/W Cert: 1/13/2023 RTL: 2/15/2023 Begin Con: 9/11/2023
<i>Carryover</i>			Subtotal: \$15,560	\$9,000		
			Total Project Cost:	\$24,560		

Program 201.151 Drainage System Restoration
Project Output(s) 102 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,900.0	9,900.0	Linear feet
Post Condition	9,900.0	0.0	0.0	9,900.0	Linear feet

MOBILITY

06-Fresno-41 R27.6/R28.3 6879 0617000103	Near Fresno, from the northbound Ashlan Avenue onramp to the northbound Shaw Avenue offramp. Construct northbound auxiliary lane and add an additional lane to the Shaw Avenue offramp.	0W170 2021-22	R/W: \$7 Con: \$14,700	PA&ED: \$1,300 PS&E: \$2,400 R/W Sup: \$150 Con Sup: \$4,400	Prior Prior Prior 21-22	PA&ED: 11/15/2019 R/W Cert: 8/5/2021 RTL: 9/7/2021 Begin Con: 4/11/2022
<i>Carryover</i>			Subtotal: \$14,707	\$8,250		
			Total Project Cost:	\$22,957		

Program 201.310 Operational Improvements
Project Output(s) 163.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-Var 6923 0617000152	In Fresno, Kern, Kings, Madera, and Tulare Counties, at various locations. Repair Transportation Management System (TMS) elements.	0W180 2020-21	R/W: \$70 Con: \$4,500	PA&ED: \$400 PS&E: \$900 R/W Sup: \$10 Con Sup: \$1,600	Prior Prior Prior 20-21	PA&ED: 9/2/2019 R/W Cert: 12/1/2020 RTL: 1/15/2021 Begin Con: 7/6/2021
<i>Carryover</i>			Subtotal: \$4,570	\$2,910		
			Total Project Cost:	\$7,480		

Program 201.315 Transportation Management Systems
Project Output(s) 69 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	69	Field element(s)
Post Condition	100.0%	0.0%	69	Field element(s)

06-Fresno-41 R20.0/33.4 6881 0616000234	In and near the city of Fresno, from 0.1 mile south of North Avenue to the Madera County line; also on Route 99 (PM 19.36/PM 21.9), Route 168 (PM R0.2L/R/PM R9.7), and Route 180 (PM R58.55/PM R59.85). Replace and upgrade existing communication elements for the Transportation Management System (TMS).	0V780 2020-21	R/W: \$30 Con: \$16,010	PA&ED: \$619 PS&E: \$1,809 R/W Sup: \$165 Con Sup: \$1,791	Prior Prior Prior 20-21	PA&ED: 12/10/2018 R/W Cert: 2/8/2021 RTL: 3/8/2021 Begin Con: 9/7/2021
<i>Carryover</i>			Subtotal: \$16,040	\$4,384		
			Total Project Cost:	\$20,424		

Program 201.315 Transportation Management Systems
Project Output(s) 89 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	89	Field element(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

06-Fresno-99 19.0/21.1 6922 0617000292	In the city of Fresno, from north of Jensen Avenue to north of Stanislaus Street Overcrossing; also on Routes 41, 168, and 180 at various locations. Upgrade existing irrigation system to use recycled water.	0W970 2023-24	R/W: \$20 Con: \$13,100	PA&ED: \$600 PS&E: \$1,000 R/W Sup: \$1 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 7/30/2021 R/W Cert: 7/13/2023 RTL: 8/15/2023 Begin Con: 2/23/2024
<i>New</i>			Subtotal: \$13,120	\$3,801		
			Total Project Cost:	\$16,921		

Program 201.210 Highway Planting Restoration
Project Output(s) 57.0 Acre(s)

06-Fresno-168 R0.0/R11.7 6851 0616000034	In Fresno and Clovis, at various locations between Route 180/168 Separation and Shepherd Avenue. Replace black potable water irrigation valves with purple scrubber valves for recycled irrigation water.	0U760 2020-21	R/W: \$2 Con: \$1,449	PA&ED: \$2 PS&E: \$524 R/W Sup: \$2 Con Sup: \$370	Prior Prior Prior 20-21	PA&ED: 9/17/2018 R/W Cert: 7/2/2020 RTL: 7/10/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$1,451	\$898		
			Total Project Cost:	\$2,349		

Program 201.210 Highway Planting Restoration
Project Output(s) 30.0 Acre(s)

**2020 SHOPP Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

06-Fresno-99 23.3 6973 0618000065	In the city Fresno, at the West Avenue Maintenance Station at 1283 North West Avenue. Demolish two existing buildings and construct two new structures.	0X430 2023-24	R/W: \$10 Con: \$11,900	PA&ED: \$420 PS&E: \$1,800 R/W Sup: \$40 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 10/4/2021 R/W Cert: 7/10/2023 RTL: 7/14/2023 Begin Con: 2/14/2024
			Subtotal: \$11,910	\$4,460		
			Total Project Cost:	\$16,370		

New

Program 201.352 Maintenance Facilities
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,136.0	9,136.0	Square feet
Post Condition	12,960.0	0.0	0.0	12,960.0	Square feet

Fresno County					
			R/W: \$40,493	PA&ED: \$38,191	
			Const: \$440,425	PS&E: \$43,213	
				R/W Sup: \$5,774	
				Con Sup: \$73,597	
			Subtotal: \$480,918	\$160,775	
			Total (Capital + Support):	\$641,693	

**2020 SHOPP Project List
Glenn
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Glenn-5 R7.4/R17.0 3709 0313000019	In and near Willows, at four interchanges between County Road 57 to County Road 33. Pave beyond the gore areas, and install vegetation control under guardrail to improve highway worker safety.	3F500 2020-21	R/W: Con: \$1,650	PA&ED: \$280 PS&E: \$420 R/W Sup: \$80 Con Sup: \$486	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 7/2/2020 RTL: 8/3/2020 Begin Con: 1/15/2021
<i>Carryover</i>			Subtotal: \$1,650	\$1,266		
			Total Project Cost:	\$2,916		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 53 Location(s)

BRIDGE PRESERVATION

03-Glenn-162 76.3/78.6 2633 0312000052	At Butte City, from Route 45 to 0.1 mile east of McDougall Street. Replace Sacramento River Bridge No. 11-0017 and viaduct approach, and reconstruct east side roadway to conform with new structure.	3F060 2020-21	R/W: \$3,000 Con: \$85,000	PA&ED: \$5,500 PS&E: \$5,500 R/W Sup: \$1,400 Con Sup: \$10,000	Prior Prior Prior 20-21	PA&ED: 5/1/2019 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 7/31/2021
<i>Carryover</i>			Subtotal: \$88,000	\$22,400		
			Total Project Cost:	\$110,400		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	149,758.0	149,758.0	Square feet
Post Condition	193,071.0	0.0	0.0	193,071.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 11-0017 Fair Good

**2020 SHOPP Project List
Glenn
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Glenn County

			R/W: \$3,000	PA&ED: \$5,780		
			Const: \$86,650	PS&E: \$5,920		
				R/W Sup: \$1,480		
				Con Sup: \$10,486		
			Subtotal: \$89,650		\$23,666	
			Total (Capital + Support):		\$113,316	

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Humboldt-36 25.4/26.0 2488	Near Bridgeville, from Caltrans Maintenance Station to 0.6 mile east of Caltrans Maintenance Station.	0G921 2022-23	R/W: \$12 Con: \$12,376	PA&ED: \$1,473 PS&E: \$1,476 R/W Sup: \$60 Con Sup: \$1,700	Prior 20-21 22-23	PA&ED: 2/26/2021 R/W Cert: 6/4/2021 RTL: 7/15/2022 Begin Con: 12/12/2022
0117000220	Construct soldier pile ground anchor wall to address the slide below the roadway.					
<i>Carryover</i>						
			Subtotal: \$12,388	\$4,709		
			Total Project Cost:	\$17,097		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

01-Humboldt-96 27.0/27.4 2489	Near Weitchpec, from 0.6 mile to 0.2 mile west of Bluff Creek Road. Restore roadway and stabilize slope by constructing a retaining wall.	0H191 2021-22	R/W: \$61 Con: \$6,197	PA&ED: \$1,034 PS&E: \$1,159 R/W Sup: \$63 Con Sup: \$1,392	Prior 20-21 21-22	PA&ED: 1/18/2021 R/W Cert: 1/18/2022 RTL: 3/18/2022 Begin Con: 7/20/2022
0117000211						
<i>Carryover</i>						
			Subtotal: \$6,258	\$3,648		
			Total Project Cost:	\$9,906		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-169 19.0/33.0 2501 0118000107	Near Pecwan and Weitchpec, from 3.4 miles east of Cappel Creek Bridge to 0.8 mile west of Route 96, at four locations. Reconstruct storm damaged roadway, construct retaining walls, and rehabilitate drainage systems.	0H021 2021-22	R/W: \$356 Con: \$4,993	PA&ED: \$1,595 PS&E: \$1,761 R/W Sup: \$168 Con Sup: \$1,397	Prior 20-21 20-21 21-22	PA&ED: 7/1/2021 R/W Cert: 6/1/2022 RTL: 6/1/2022 Begin Con: 10/19/2022
Carryover			Subtotal: \$5,349 Total Project Cost:	\$4,921 \$10,270		

Program 201.131 Permanent Restoration
Project Output(s) 4 Location(s)

01-Humboldt-254 4.4/4.6 2502 0118000110	Near Miranda, from 0.4 mile to 0.2 mile south of Maple Hills Road. Stabilize slope and existing roadway by constructing a retaining wall and improving drainage.	0H800 2022-23	R/W: \$35 Con: \$12,951	PA&ED: \$1,448 PS&E: \$1,242 R/W Sup: \$112 Con Sup: \$2,327	Prior 21-22 21-22 22-23	PA&ED: 8/17/2021 R/W Cert: 8/17/2022 RTL: 10/14/2022 Begin Con: 2/22/2023
Carryover			Subtotal: \$12,986 Total Project Cost:	\$5,129 \$18,115		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R8.7/R9.2 2492 0117000214	Near Blue Lake, from 1.6 miles to 2.1 miles east of Blue Lake Boulevard; also from 0.1 mile to 0.4 mile east of North Fork Mad River Bridge (PM R11.1/R11.4). Repair and stabilize slopes by constructing retaining walls at two locations.	0H431 2021-22	R/W: \$51 Con: \$29,046	PA&ED: \$1,374 PS&E: \$1,578 R/W Sup: \$68 Con Sup: \$5,435	Prior 20-21 20-21 21-22	PA&ED: 1/1/2021 R/W Cert: 12/1/2021 RTL: 12/1/2021 Begin Con: 5/18/2022
<i>Carryover</i>			Subtotal: \$29,097	\$8,455		
			Total Project Cost:	\$37,552		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

01-Humboldt-36 10.5/10.8 2415 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park Road. Curve correction.	0F160 2020-21	R/W: \$312 Con: \$2,678	PA&ED: \$910 PS&E: \$946 R/W Sup: \$174 Con Sup: \$1,043	Prior 20-21 20-21 20-21	PA&ED: 8/1/2020 R/W Cert: 4/15/2021 RTL: 5/3/2021 Begin Con: 9/15/2021
<i>Carryover</i>			Subtotal: \$2,990	\$3,073		
			Total Project Cost:	\$6,063		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.9/79.5 2481 0117000128	In Eureka, from Sixth Street to south of X Street. Improve curve and signs, construct bulb-outs, upgrade curb ramps, apply microsurfacing, and refresh pavement delineation.	0H200 2021-22	R/W: \$493 Con: \$5,563	PA&ED: \$1,265 PS&E: \$1,080 R/W Sup: \$717 Con Sup: \$1,421	Prior Prior Prior 21-22	PA&ED: 1/21/2020 R/W Cert: 2/1/2022 RTL: 3/7/2022 Begin Con: 8/30/2022
Carryover			Subtotal: \$6,056	\$4,483		
			Total Project Cost:	\$10,539		

Program 201.010 Safety Improvements
Project Output(s) 413 Collision(s) reduced

01-Humboldt-299 30.7/33.4 2522 0119000025	Near Willow Creek, from 0.1 mile east of Cedar Creek Road to 0.2 mile east of East Fork Willow Creek Bridge. Widen shoulders and improve curves at three locations.	0J410 2021-22	R/W: \$89 Con: \$27,989	PA&ED: \$2,050 PS&E: \$2,839 R/W Sup: \$198 Con Sup: \$6,599	Prior 21-22 21-22 21-22	PA&ED: 7/15/2021 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 10/19/2022
Carryover			Subtotal: \$28,078	\$11,686		
			Total Project Cost:	\$39,764		

Program 201.010 Safety Improvements
Project Output(s) 158 Collision(s) reduced

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-36 0.1/1.7 2379 0113000090	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.	0E010 2021-22	R/W: \$3,427 Con: \$8,200	PA&ED: \$910 PS&E: \$1,123 R/W Sup: \$861 Con Sup: \$1,983	Prior Prior Prior 21-22	PA&ED: 9/1/2020 R/W Cert: 3/1/2022 RTL: 3/31/2022 Begin Con: 7/25/2022
			Subtotal: \$11,627	\$4,877		
Carryover			Total Project Cost:	\$16,504		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

01-Humboldt-101 87.5/89.5 2460 0117000023	In and near Arcata, from Saint Louis Road Overcrossing to 0.7 mile north of Giuntoli Lane Overcrossing. Install guardrail and upgrade end treatments, place longitudinal drainage system, pave the median, reconstruct thrie-beam barrier, and construct a Class I bike path.	0G580 2021-22	R/W: \$346 Con: \$5,561	PA&ED: \$896 PS&E: \$1,066 R/W Sup: \$104 Con Sup: \$1,649	Prior Prior Prior 21-22	PA&ED: 2/25/2020 R/W Cert: 7/15/2021 RTL: 8/1/2021 Begin Con: 3/13/2022
			Subtotal: \$5,907	\$3,715		
Carryover			Total Project Cost:	\$9,622		

Program 201.015 Collision Severity Reduction
Project Output(s) 48 Collision(s) reduced

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 57.1/67.8 2461 0117000027	In and near Fortuna, from 0.5 mile south of Route 36 to 0.4 mile south of Hookton Road. Remove vegetated strips in median area to improve highway worker safety.	0G610 2021-22	R/W: \$912 Con: \$7,297	PA&ED: \$799 PS&E: \$879 R/W Sup: \$175 Con Sup: \$1,256	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/15/2022 RTL: 2/1/2022 Begin Con: 8/22/2022
<i>Carryover</i>			Subtotal: \$8,209	\$3,109		
			Total Project Cost:	\$11,318		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 172 Location(s)

MANDATES

01-Humboldt-36 21.5 2366 0113000016	Near Bridgeville, at 0.2 mile east of Golden Gate Drive. Construct erosion control Best Management Practices (BMPs) measures to achieve Statewide National Pollutant Discharge Eliminating System (NPDES) permit compliance unit (CU) credits that will stabilize the adjacent roadway slope erosion and reduce storm water sediment discharge to the impaired Van Duzen River.	0C150 2021-22	R/W: \$152 Con: \$2,174	PA&ED: \$726 PS&E: \$646 R/W Sup: \$97 Con Sup: \$1,452	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$2,326	\$2,921		
			Total Project Cost:	\$5,247		

Program 201.335 Storm Water Mitigation
Project Output(s) 5.5 Acre(s) treated/pollutant

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 4.2 2403 0115000021	Near Phillipsville, at 0.7 mile south of Maple Hills Road. Replace existing Fish Creek concrete box culvert with a bridge to eliminate fish passage barrier and decrease sediment loads to achieve compliance unit (CU) credits towards statewide National Pollutant Discharge Elimination System (NPDES) permit mandate goals. Five million in funds from AB 95 are designated for this project.	0E790 2021-22	R/W: \$34 Con: \$10,578	PA&ED: \$1,742 PS&E: \$1,863 R/W Sup: \$173 Con Sup: \$2,909	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 2/14/2022 RTL: 3/14/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$10,612 Total Project Cost:	\$6,687 \$17,299		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 79.0 Acre(s) treated/pollutant		

01-Humboldt-299 R16.1/R26.6 2378M 0120000011	Near Blue Lake, from 3.0 miles west to 7.5 miles east of Bair Road at various locations. Mitigation plant establishment for project EA 0E030.	0E031 2021-22	R/W: Con: \$300	PA&ED: PS&E: R/W Sup: Con Sup: \$160	21-22	PA&ED: R/W Cert: RTL: 7/2/2021 Begin Con: 7/15/2022
<i>Carryover</i>			Subtotal: \$300 Total Project Cost:	\$160 \$460		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 0.0 Acre(s) treated/pollutant		

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.3/78.1 2456 0116000186	In Eureka, from Wabash Avenue to Commercial Street. Upgrade curb ramps, driveways, and sidewalk, and add Accessible Pedestrian Signals (APS) upgrades to make compliant with Americans with Disabilities Act (ADA) standards; also install fiber optic communications connection from traffic signals to the Caltrans district office.	0G420 2021-22	R/W: \$180 Con: \$4,505	PA&ED: \$1,089 PS&E: \$965 R/W Sup: \$979 Con Sup: \$1,079	Prior Prior Prior 21-22	PA&ED: 12/3/2019 R/W Cert: 12/15/2021 RTL: 1/17/2021 Begin Con: 6/28/2022
Carryover			Subtotal: \$4,685 Total Project Cost:	\$4,112 \$8,797		
						Americans with Disabilities Act New Curb Program 201.361 Ramps Project Output(s) 27 Curb ramp(s)

Supplementary

Asset	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	27.0	0.0	0.0	27.0	Each

BRIDGE PRESERVATION

01-Humboldt-36 11.3/34.6 2363 0112000292	Near Bridgeville, at Hely Creek Bridge No. 04-0092, Little Larabee Creek Bridge No. 04-0102 (PM 25.3), and Butte Creek Bridge No. 04-0116. Upgrade bridge rails and widen at one bridge, and replace two bridges. (G13 Contingency)	0C500 2021-22	R/W: \$1,470 * Con: \$15,405	PA&ED: \$2,947 PS&E: \$2,622 R/W Sup: \$245 * Con Sup: \$4,325	Prior 20-21 20-21 21-22	PA&ED: 6/1/2021 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$16,875 Total Project Cost:	\$10,139 \$27,014		
						* Construction Capital and * Construction Support phases are NOT authorized Program 201.112 Bridge Rail Replacement and Upgrade Project Output(s) 1,026.0 Linear feet rail 3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	910.0	0.0	910.0	Linear feet rail
Post Condition	1,026.0	0.0	0.0	1,026.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 04-0092	Good	Good
Bridge No. 04-0102	Good	Good
Bridge No. 04-0116	Fair	Good

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-96 2449 0116000129 Carryover	Near Weitchpec and Orleans, at Aikens Creek Bridge No. 04-0059 (PM 28.07), Bluff Creek Bridge No. 04-0063 (PM 28.27), Bluff Creek Bridge No. 04-0225 (PM R28.91), and Slate Creek Bridge No. 04-0061 (PM 29.92); also on Route 169 at Rube Creek Bridge No. 04-0215 (PM 27.57). Upgrade bridge rails at five locations and also strengthen for truck permit load capacity at two locations. (G13 Contingency)	0G140 2021-22	R/W: \$278 * Con: \$10,486	PA&ED: \$1,050 PS&E: \$2,127 R/W Sup: \$110 * Con Sup: \$2,242	Prior Prior Prior 21-22	PA&ED: 4/30/2020 R/W Cert: 10/18/2021 RTL: 11/2/2021 Begin Con: 3/23/2022
			Subtotal: \$10,764	\$5,529		
			Total Project Cost:	\$16,293		
* Construction Capital and * Construction Support phases are NOT authorized						
<p align="right">Program 201.112 Bridge Rail Replacement and Upgrade Project Output(s) 2,508.0 Linear feet rail 5 Bridge(s)</p>						

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	196.0	2,312.0	2,508.0	Linear feet rail
Post Condition	2,508.0	0.0	0.0	2,508.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0059	Good	Good
Bridge No. 04-0061	Fair	Fair
Bridge No. 04-0063	Good	Good
Bridge No. 04-0215	Fair	Fair
Bridge No. 04-0225	Good	Good

01-Humboldt-101 27.7 2301 0112000211 Carryover	Near Myers Flat, at South Fork Eel River Bridge No. 04-0123. Seismic retrofit.	0A110 2020-21	R/W: \$290 Con: \$13,762	PA&ED: \$4,641 PS&E: \$2,072 R/W Sup: \$218 Con Sup: \$2,812	Prior Prior Prior 20-21	PA&ED: 11/26/2019 R/W Cert: 3/18/2021 RTL: 4/1/2021 Begin Con: 8/1/2021
			Subtotal: \$14,052	\$9,743		
			Total Project Cost:	\$23,795		
<p align="right">Program 201.113 Bridge Seismic Restoration Project Output(s) 1 Bridge(s)</p>						

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	51,785.0	51,785.0	Square feet
Post Condition	51,785.0	0.0	0.0	51,785.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0123	Good	Good

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-36 17.9/R23.9 2429 011600014	Near Bridgeville, at Van Duzen River Bridge No. 04-0284 (PM 17.94) and Van Duzen River Bridge No. 04-0293 (PM R23.91); also on Route 211 near Ferndale at Salt River Bridge No. 04 -131 (PM R75.15), and in Lake County on Route 29 near Lakeport at Hill Road East Overcrossing No. 14-0039 (PM R43.75). Apply polyester concrete overlay or methacrylate treatment to bridge decks.	0F500 2021-22	R/W: \$3 Con: \$1,843	PA&ED: \$268 PS&E: \$757 R/W Sup: \$42 Con Sup: \$651	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 2/1/2022
Carryover			Subtotal: \$1,846 Total Project Cost:	\$1,718 \$3,564		
			Program	201.119 Bridge Preventative Maintenance		
			Project Output(s)	4 Bridge(s)		

**Primary Asset
(Bridge Health)**

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	40,957.0	10,796.0	51,753.0	Square feet
Post Condition	30,182.0	21,571.0	0.0	51,753.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 04-0131	Poor	Fair
Bridge No. 04-0284	Fair	Good
Bridge No. 04-0293	Fair	Good
Bridge No. 14-0039	Fair	Fair

ROADWAY PRESERVATION

01-Humboldt-36 13.5/36.1 2495 0117000241	Near Fortuna, from 2.0 miles east of Redwood House Road to 1.7 miles west of Burr Valley Road. Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H610 2022-23	R/W: \$256 Con: \$32,482	PA&ED: \$921 PS&E: \$1,090 R/W Sup: \$391 Con Sup: \$3,297	20-21 21-22 21-22 22-23	PA&ED: 12/23/2021 R/W Cert: 2/16/2023 RTL: 3/1/2023 Begin Con: 7/19/2023
New			Subtotal: \$32,738 Total Project Cost:	\$5,699 \$38,437		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	44.4 Lane mile(s)		

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	43.3	1.1	44.4	Lane mile(s)
Post Condition	44.4	0.0	0.0	44.4	Lane mile(s)

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R90.1/109.6 2439 0116000067	Near Trinidad, from 1.3 miles south of School Road to 0.4 mile north of Big Lagoon Bridge. Pavement rehabilitation.	0F820 2020-21	R/W: \$12 Con: \$40,470	PA&ED: \$332 PS&E: \$561 R/W Sup: \$84 Con Sup: \$4,114	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 4/30/2021 RTL: 5/14/2021 Begin Con: 9/7/2021
			Subtotal: \$40,482	\$5,091		
Carryover			Total Project Cost:	\$45,573		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 76.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.0	62.9	0.0	76.9	Lane mile(s)
Post Condition	76.9	0.0	0.0	76.9	Lane mile(s)

01-Humboldt-299 0.0/R5.7 2493 0117000236	In and near Arcata, from Route 101 to east of Blue Lake Boulevard. Rehabilitate pavement and upgrade guardrail, lighting, and Transportation Management System (TMS) elements.	0H560 2022-23	R/W: \$9 Con: \$15,358	PA&ED: \$629 PS&E: \$746 R/W Sup: \$50 Con Sup: \$1,424	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 10/1/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
			Subtotal: \$15,367	\$2,849		
New			Total Project Cost:	\$18,216		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.6	0.0	20.6	Lane mile(s)
Post Condition	20.6	0.0	0.0	20.6	Lane mile(s)

**2020 SHOPP Project List
Humboldt**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R11.0/R22.5 2494 0117000238	Near Blue Lake, from North Fork Mad River Bridge to Redwood Creek Bridge. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H580 2022-23	R/W: \$6 Con: \$18,367	PA&ED: \$605 PS&E: \$808 R/W Sup: \$37 Con Sup: \$2,457	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 9/15/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
New			Subtotal: \$18,373	\$3,907		
			Total Project Cost:	\$22,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 29.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	29.6	0.0	29.6	Lane mile(s)
Post Condition	29.6	0.0	0.0	29.6	Lane mile(s)

01-Humboldt-101 T0.0/M54.0 2497 0117000245	Near Rio Dell, from Mendocino County line to north of Wildwood Avenue at various locations. Rehabilitate drainage systems and upgrade lighting and Transportation Management System (TMS) elements.	0H640 2023-24	R/W: \$1,775 Con: \$17,692	PA&ED: \$2,631 PS&E: \$1,657 R/W Sup: \$350 Con Sup: \$3,370	20-21 22-23 22-23 23-24	PA&ED: 6/3/2023 R/W Cert: 3/1/2024 RTL: 3/11/2024 Begin Con: 7/17/2024
New			Subtotal: \$19,467	\$8,008		
			Total Project Cost:	\$27,475		

Program 201.151 Drainage System Restoration
Project Output(s) 62 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	391.0	2,502.0	5,676.0	8,569.0	Linear feet
Post Condition	8,367.0	0.0	0.0	8,367.0	Linear feet

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R11.8/26.7 7002 0114000071	Near Garberville, from north of Redwood Drive to 1.3 miles south of Myers Flat; also in Mendocino County, on Route 271 near Piercy, from 0.5 mile north of Confusion Hill to 0.5 mile north of Route 101 Separation (PM 16.1 to 20.0). Rehabilitate or replace drainage culverts.	48770 2020-21	R/W: \$94 Con: \$2,743	PA&ED: \$878 PS&E: \$866 R/W Sup: \$309 Con Sup: \$1,118	Prior Prior Prior 20-21	PA&ED: 3/25/2020 R/W Cert: 3/1/2021 RTL: 3/1/2021 Begin Con: 8/1/2021
Carryover			Subtotal: \$2,837	\$3,171		
			Total Project Cost:	\$6,008		

Program 201.151 Drainage System Restoration
Project Output(s) 19 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	178.5	1,601.0	1,779.5	Linear feet
Post Condition	2,056.5	0.0	0.0	2,056.5	Linear feet

01-Humboldt-169 15.1/33.8 2487 0117000169	Near Weitchpec, from 0.6 mile east of Pecwan Creek Bridge to Route 96 at various locations. Rehabilitate drainage systems.	0H410 2023-24	R/W: \$474 Con: \$5,606	PA&ED: \$2,499 PS&E: \$1,121 R/W Sup: \$1,397 Con Sup: \$1,718	20-21 21-22 21-22 23-24	PA&ED: 6/6/2022 R/W Cert: 12/6/2023 RTL: 1/8/2024 Begin Con: 5/22/2024
New			Subtotal: \$6,080	\$6,735		
			Total Project Cost:	\$12,815		

Program 201.151 Drainage System Restoration
Project Output(s) 50 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,152.0	2,152.0	Linear feet
Post Condition	2,114.0	0.0	0.0	2,114.0	Linear feet

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 0.8/21.0 2518 0118000196	Near Phillipsville and Weott, from south of Chimney Tree Gift Shop to south of Bull Creek Flats Road. Rehabilitate drainage systems and reduce sediment loads to South Fork Eel River.	0H241 2023-24	R/W: \$550 Con: \$2,685	PA&ED: \$1,365 PS&E: \$1,066 R/W Sup: \$254 Con Sup: \$1,069	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 10/13/2023 RTL: 11/1/2023 Begin Con: 3/20/2024
New			Subtotal: \$3,235 Total Project Cost:	\$3,754 \$6,989		

Program 201.151 Drainage System Restoration
Project Output(s) 17 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	371.0	664.0	1,035.0	Linear feet
Post Condition	1,095.0	0.0	0.0	1,095.0	Linear feet

01-Humboldt-299 R1.9/37.8 2433 0116000035	Near Blue Lake and Willow Creek, from 0.1 mile east of Route 200 to 0.5 mile east of Boise Creek Campground. Rehabilitate drainage culverts.	0F620 2021-22	R/W: \$920 Con: \$4,268	PA&ED: \$904 PS&E: \$958 R/W Sup: \$77 Con Sup: \$1,615	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/1/2022
Carryover			Subtotal: \$5,188 Total Project Cost:	\$3,554 \$8,742		

Program 201.151 Drainage System Restoration
Project Output(s) 24 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	110.0	1,738.0	3,191.0	5,039.0	Linear feet
Post Condition	4,994.0	0.0	0.0	4,994.0	Linear feet

**2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

01-Humboldt-101 88.3/88.6 2424 0115000043	In Arcata, from north of Route 299/Route 101 Connector to 0.2 mile south of Giuntoli Lane Overcrossing. Construct auxiliary lane to improve merging movements.	0E890 2021-22	R/W: \$532 Con: \$4,098	PA&ED: \$1,008 PS&E: \$1,329 R/W Sup: \$90 Con Sup: \$1,546	Prior Prior 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 11/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$4,630	\$3,973		
			Total Project Cost:	\$8,603		

Program 201.310 Operational Improvements
Project Output(s) 36.0 Daily vehicle hour(s) of delay (DVHD)

FACILITIES

01-Humboldt-101 2355 0112000229	In Eureka, at the District 1 Materials Laboratory located at the District Office complex (1726 Albee Street). Replace District 1 Materials Laboratory (L5731) at alternative site to address health, safety, accessibility, and operational deficiencies.	0C110 2020-21	R/W: \$950 Con: \$12,317	PA&ED: \$1,134 PS&E: \$1,380 R/W Sup: \$567 Con Sup: \$1,752	Prior Prior 20-21	PA&ED: 5/31/2019 R/W Cert: 4/1/2021 RTL: 4/1/2021 Begin Con: 7/21/2021
<i>Carryover</i>			Subtotal: \$13,267	\$4,833		
			Total Project Cost:	\$18,100		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,400.0	6,400.0	Square feet
Post Condition	9,666.0	0.0	0.0	9,666.0	Square feet

**2020 SHOPP Project List
Humboldt**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Humboldt County

			R/W: \$14,079	PA&ED: \$39,123		
			Const: \$337,990	PS&E: \$37,783		
				R/W Sup: \$8,170		
				Con Sup: \$65,312		
			Subtotal: \$352,069		\$150,388	
			Total (Capital + Support):		\$502,457	

**2020 SHOPP Project List
Imperial
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

11-Imperial-111	In and near Brawley, from Jasper	43030	R/W: \$374	PA&ED: \$780	20-21	PA&ED: 12/3/2021
R3.2/45.4	Road to Niland Creek Bridge; also on	2023-24	Con: \$10,817	PS&E: \$1,453	21-22	R/W Cert: 6/23/2023
1318	Route 8 near El Centro, from east of			R/W Sup: \$253	21-22	RTL: 7/14/2023
1118000099	Dogwood Road to Route 111. Install			Con Sup: \$2,224	23-24	Begin Con: 2/15/2024
	rumble strips, upgrade guardrail,		Subtotal: \$11,191	\$4,710		
New	enhance highway worker safety, and		Total Project Cost:	\$15,901		
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.015 Collision Severity Reduction
Project Output(s) 15 Collision(s) reduced

11-Imperial-8	In and near El Centro, at various	41200	R/W: \$385	PA&ED: \$385	Prior	PA&ED: 8/7/2020
R32.4/R46.1	locations on Routes 8 and 111. Pave	2021-22	Con: \$2,070	PS&E: \$585	20-21	R/W Cert: 6/11/2021
1252	slopes under structures.			R/W Sup: \$571	21-22	RTL: 7/30/2021
1112000158				Con Sup: \$571	21-22	Begin Con: 12/30/2021
			Subtotal: \$2,070	\$1,541		
Carryover			Total Project Cost:	\$3,611		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 18 Location(s)

**2020 SHOPP Project List
Imperial
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

11-Imperial-8 1329 1118000204	In Imperial County, on Routes 8 and 78 at various locations. Rehabilitation of six bridges, including painting, deck and column work.	43044 2021-22	R/W: Con: \$12,300	PA&ED: \$200 PS&E: \$800 R/W Sup: Con Sup: \$1,700	Prior Prior 21-22	PA&ED: 3/3/2020 R/W Cert: 8/13/2021 RTL: 11/30/2021 Begin Con: 3/17/2022
<i>Carryover</i>			Subtotal: \$12,300	\$2,700		
			Total Project Cost:	\$15,000		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 6 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	38,158.0	16,899.0	55,057.0	Square feet
Post Condition	55,057.0	0.0	0.0	55,057.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 58-0196L	Fair	Good
Bridge No. 58-0196R	Poor	Good
Bridge No. 58-0298	Poor	Good
Bridge No. 58-0299	Poor	Good
Bridge No. 58-0303	Fair	Good
Bridge No. 58-0311	Fair	Good

11-Imperial-8 R96.8 1336 1118000262	Near Winterhaven, at Colorado River Viaduct Bridge No. 58-0312L/R. Patch spalls, polyester deck overlay, hinge bearing replacement, and joint replacement to preserve the structural integrity of two bridges.	43049 2020-21	R/W: \$142 Con: \$4,163	PA&ED: \$193 PS&E: \$506 R/W Sup: \$121 Con Sup: \$806	Prior Prior 20-21 20-21	PA&ED: 1/20/2020 R/W Cert: 12/28/2020 RTL: 2/9/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$4,305	\$1,626		
			Total Project Cost:	\$5,931		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	106,401.0	114,592.0	220,993.0	Square feet
Post Condition	220,993.0	0.0	0.0	220,993.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 58-0312L	Fair	Good
Bridge No. 58-0312R	Poor	Good

**2020 SHOPP Project List
Imperial
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Imperial County

			R/W:	\$516	PA&ED:	\$1,558
			Const:	\$29,350	PS&E:	\$3,344
					R/W Sup:	\$374
					Con Sup:	\$5,301
			<hr/>			
			Subtotal:	\$29,866		\$10,577
			Total (Capital + Support):			\$40,443

2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

09-Inyo-395	Near Lone Pine, from Teya Road to	37450	R/W: \$148	PA&ED: \$526	20-21	PA&ED: 12/1/2021
56.8/R57.4	East Lubken Avenue. Upgrade	2023-24	Con: \$592	PS&E: \$744	21-22	R/W Cert: 10/2/2023
2647	facilities to Americans with Disabilities			R/W Sup: \$346	21-22	RTL: 10/2/2023
0918000017	Act (ADA) standards.			Con Sup: \$1,037	23-24	Begin Con: 3/8/2024
			Subtotal: \$740	\$2,653		
			Total Project Cost:	\$3,393		

New

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 3 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	3.0	0.0	0.0	3.0	Each

09-Inyo-395	Near Bishop, from North See Vee	36680	R/W: \$6,378	PA&ED: \$1,530	Prior	PA&ED: 10/1/2020
117.3/117.8	Lane to North Barlow Lane. Upgrade	2023-24	Con: \$9,901	PS&E: \$3,340	20-21	R/W Cert: 10/2/2023
2641	Americans with Disabilities Act (ADA)			R/W Sup: \$1,670	20-21	RTL: 11/20/2023
0916000021	curb ramps, driveways, and			Con Sup: \$2,190	23-24	Begin Con: 5/8/2024
	pedestrian push buttons, refresh		Subtotal: \$16,279	\$8,730		
<i>Carryover</i>	striping, relocate signals, and improve		Total Project Cost:	\$25,009		
	pedestrian and bicycle access.					

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 15 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	15.0	0.0	0.0	15.0	Each

2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

09-Inyo-395 R65.0/76.0 2671 0919000004	Near Independence, from 3.0 miles south of Manzanar Reward Road to 0.3 mile north of Shabbell Lane. Rehabilitate roadway, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	37900 2023-24	R/W: \$137 * Con: \$47,202	PA&ED: \$1,447 PS&E: \$1,273 R/W Sup: \$1,203 * Con Sup: \$2,412	20-21 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 11/1/2023 RTL: 12/1/2023 Begin Con: 5/8/2024
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New

Subtotal: \$47,339 \$6,335
Total Project Cost: \$53,674

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 45.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	17.2	27.8	0.0	45.0	Lane mile(s)
Post Condition	45.0	0.0	0.0	45.0	Lane mile(s)

09-Inyo-127 21.0/34.5 2670 0919000007	Near Shoshone, from 4.6 miles north of Route 178 (west) to 7.6 miles south of Route 190; also from 0.3 mile south of Route 190 to Nevada State line (PM 41.8/49.42). Rehabilitate pavement and replace signs.	37930 2022-23	R/W: \$18,367 Con: \$18,367	PA&ED: \$164 PS&E: \$272 R/W Sup: \$2 Con Sup: \$1,724	20-21 20-21 20-21 22-23	PA&ED: 1/1/2021 R/W Cert: 7/1/2022 RTL: 8/1/2022 Begin Con: 3/15/2023
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New

Subtotal: \$18,367 \$2,162
Total Project Cost: \$20,529

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	41.9	0.0	42.0	Lane mile(s)
Post Condition	42.0	0.0	0.0	42.0	Lane mile(s)

2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 91.6/100.8 2667 0919000005	Near Big Pine, from 1.3 miles south of Fish Springs Road (south) to Route 168 (east). Rehabilitate pavement, install Transportation Management System (TMS) elements, and upgrade lighting, guardrail, and facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	37910 2023-24	R/W: \$96 * Con: \$34,545	PA&ED: \$1,378 PS&E: \$892 R/W Sup: \$1,224 * Con Sup: \$2,680	20-21 21-22 21-22 23-24	PA&ED: 12/2/2021 R/W Cert: 12/5/2023 RTL: 1/16/2024 Begin Con: 6/26/2024
New			Subtotal: \$34,641	\$6,174		
			Total Project Cost:	\$40,815		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	37.3 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.3	0.0	37.3	Lane mile(s)
Post Condition	37.3	0.0	0.0	37.3	Lane mile(s)

09-Inyo-395 115.0/117.8 2653 0918000019	In and near Bishop, on Main Street from Jay Street to Barlow Lane, and on Route 168 (Line Street) from Pioneer Lane to Route 395 (Main Street) (PM 17.6/18.3). Rehabilitate roadway and drainage, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	37470 2022-23	R/W: \$205 Con: \$15,087	PA&ED: \$1,288 PS&E: \$1,083 R/W Sup: \$1,212 Con Sup: \$1,239	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/27/2023
New			Subtotal: \$15,292	\$4,822		
			Total Project Cost:	\$20,114		
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	13.6 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	13.4	0.0	13.6	Lane mile(s)
Post Condition	13.6	0.0	0.0	13.6	Lane mile(s)

2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

09-Inyo-395	Near Cartago, 3.0 miles north of Route 190 Junction. Protect, enhance, preserve, and restore wetland and riparian habitat at Cartago Wildlife Area. This work will also serve as advance mitigation credit purchases for future SHOPP construction projects.	36490	R/W: \$31	PA&ED: \$890	Prior	PA&ED: 5/1/2020
37.6		2021-22	Con: \$1,840	PS&E: \$380	Prior	R/W Cert: 11/1/2021
0661				R/W Sup: \$100	Prior	RTL: 11/1/2021
0915000018				Con Sup: \$460	21-22	Begin Con: 7/1/2022
Carryover				Subtotal: \$1,871	\$1,830	
			Total Project Cost:	\$3,701		

Program 201.240 Roadside Enhancement
Project Output(s) 16 Location(s)

FACILITIES

09-Inyo-395	Near Independence, at the Independence Maintenance Station (655 North Edwards Street). Construct new equipment canopy, water tank, and make fire suppression improvements.	37950	R/W:	PA&ED: \$179	20-21	PA&ED: 1/1/2021
73.9		2022-23	Con: \$3,738	PS&E: \$664	21-22	R/W Cert: 7/8/2022
2662				R/W Sup:		RTL: 7/8/2022
0919000009				Con Sup: \$1,119	22-23	Begin Con: 1/11/2023
New				Subtotal: \$3,738	\$1,962	
			Total Project Cost:	\$5,700		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	8,484.5	0.0	0.0	8,484.5	Square feet

2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 115.0 2649 0918000020	In Bishop, at the District 9 Materials Laboratory located at the District Office complex (500 South Main Street). Replace District 9 Materials Laboratory at alternative site to address health, safety, accessibility, and operational deficiencies.	37480 2023-24	R/W: \$895 Con: \$7,545	PA&ED: \$430 PS&E: \$497 R/W Sup: \$166 Con Sup: \$1,903	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 12/4/2023 RTL: 12/4/2023 Begin Con: 5/14/2024
New			Subtotal: \$8,440	\$2,996		
			Total Project Cost:	\$11,436		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,900.0	3,900.0	Square feet
Post Condition	6,000.0	0.0	0.0	6,000.0	Square feet

Inyo County

R/W:	\$7,890	PA&ED:	\$7,832
Const:	\$138,817	PS&E:	\$9,145
		R/W Sup:	\$5,923
		Con Sup:	\$14,764
Subtotal:	\$146,707		\$37,664
Total (Capital + Support):			\$184,371

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Kern-43 25.2/25.4 6982 0618000131	In Wasco, from Route 46 to south of Gromer Avenue. Improve safety by constructing a roundabout.	0X770 2021-22	R/W: \$1,100 Con: \$3,900	PA&ED: \$1,400 PS&E: \$1,400 R/W Sup: \$1,000 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 4/1/2022 RTL: 4/15/2022 Begin Con: 9/20/2022
<i>Carryover</i>			Subtotal: \$5,000	\$5,100		
			Total Project Cost:	\$10,100		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-119 0.2/0.6 6994 0618000129	In Taff, from north of Gardner Field Road to south of Ash Street. Construct left-turn lane.	0X760 2021-22	R/W: \$18 Con: \$1,770	PA&ED: \$940 PS&E: \$1,520 R/W Sup: \$28 Con Sup: \$945	Prior 20-21 20-21 21-22	PA&ED: 7/1/2021 R/W Cert: 1/15/2022 RTL: 4/1/2022 Begin Con: 1/15/2023
<i>Carryover</i>			Subtotal: \$1,788	\$3,433		
			Total Project Cost:	\$5,221		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-178 10.4/57.0 6924 0618000083	Near Bakersfield, from 0.2 mile east of Miramonte Drive to Kelso Valley Road; also on Route 223 from South Vineland Road to South Comanche Drive (PM R17.1/R20.0). Install centerline and shoulder rumble strips.	0X520 2020-21	R/W: \$6 Con: \$4,000	PA&ED: \$830 PS&E: \$830 R/W Sup: \$7 Con Sup: \$840	Prior Prior Prior 20-21	PA&ED: 2/28/2020 R/W Cert: 1/26/2021 RTL: 2/26/2021 Begin Con: 9/7/2021
<i>Carryover</i>			Subtotal: \$4,006	\$2,507		
			Total Project Cost:	\$6,513		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-204 2.8 6956 0617000297	In Bakersfield, at 8th Street. Installation of High-intensity Activated crossWalk (HAWK) system.	0W990 2021-22	R/W: \$225 Con: \$1,535	PA&ED: \$530 PS&E: \$980 R/W Sup: \$285 Con Sup: \$720	Prior Prior Prior 21-22	PA&ED: 1/13/2020 R/W Cert: 1/14/2022 RTL: 2/15/2022 Begin Con: 8/29/2022
<i>Carryover</i>			Subtotal: \$1,760	\$2,515		
			Total Project Cost:	\$4,275		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Kern-178 2631 0917000001	In Kern, Mono, Inyo, and San Bernardino Counties, on Routes 14, 89, 108, 120, 127, 168, 178, 182, 190, 202, and 395 at various locations.	36770 2020-21	R/W: \$1 Con: \$2,831	PA&ED: \$240 PS&E: \$570 R/W Sup: \$10 Con Sup: \$910	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/16/2020 RTL: 10/16/2020 Begin Con: 3/10/2021
<i>Carryover</i>	Upgrade guardrails, end treatments, and bridge transition railings to current standards.		Subtotal: \$2,832 Total Project Cost:	\$1,730 \$4,562		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

09-Kern-202 R4.7/R5.1 2620 0916000016	Near Tehachapi, from 0.2 mile west to 0.2 mile east of Cummings Valley Road East. Construct a left-turn lane from southbound Route 202 to Cummings Valley Road East.	36720 2021-22	R/W: \$933 Con: \$1,260	PA&ED: \$311 PS&E: \$970 R/W Sup: \$620 Con Sup: \$950	Prior Prior Prior 21-22	PA&ED: 3/25/2019 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 2/23/2022
<i>Carryover</i>			Subtotal: \$2,193 Total Project Cost:	\$2,851 \$5,044		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

06-Kern-58 R53.4 6757 0615000003	In Bakersfield, at H Street. Upgrade curb ramps to meet current Americans with Disabilities Act (ADA) standards.	0T000 2021-22	R/W: \$100 Con: \$1,590	PA&ED: \$407 PS&E: \$1,064 R/W Sup: \$865 Con Sup: \$594	Prior Prior Prior 21-22	PA&ED: 1/17/2019 R/W Cert: 4/1/2022 RTL: 4/6/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$1,690	\$2,930		
			Total Project Cost:	\$4,620		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 7 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	7.0	0.0	0.0	7.0	Each

06-Kern-204 R0.0/4.6 6871 0617000096	In Bakersfield, from Route 204/58 Separation to L street; also on Route 58 (PM R54.2/R54.6). Upgrade curb ramps and Accessible Pedestrian Signals (APS) to meet current Americans with Disabilities Act (ADA) standards.	0W150 2021-22	R/W: \$337 Con: \$4,500	PA&ED: \$1,105 PS&E: \$1,600 R/W Sup: \$1,486 Con Sup: \$1,700	Prior Prior Prior 21-22	PA&ED: 9/2/2019 R/W Cert: 4/1/2022 RTL: 4/6/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$4,837	\$5,891		
			Total Project Cost:	\$10,728		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 80 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	78.0	78.0	Each
Post Condition	80.0	0.0	0.0	80.0	Each

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Kern-166 17.3/17.7 6726 0615000047	Near Mettler, at California Aqueduct Bridge No. 50-0323. Bridge rehabilitation.	0S050 2021-22	R/W: \$1,100 * Con: \$30,000	PA&ED: \$1,045 PS&E: \$5,100 R/W Sup: \$600 * Con Sup: \$6,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 5/2/2022 RTL: 5/9/2022 Begin Con: 10/3/2022
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(G13 Contingency)

Subtotal: \$31,100 \$12,945
Total Project Cost: \$44,045

Carryover

* Construction Capital and * Construction Support phases are NOT authorized

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16,544.0	0.0	16,544.0	Square feet
Post Condition	18,879.0	0.0	0.0	18,879.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 50-0323	Poor	Good

ROADWAY PRESERVATION

06-Kern-99 23.6/R28.4 6661A 0618000145	In Bakersfield, from Brundage Lane Overcrossing to Beardsley Canal Bridge. Landscape mitigation for rehabilitate roadway project EA 0Q280.	0Q281 2021-22	R/W: \$20 Con: \$6,600	PA&ED: \$700 PS&E: \$500 R/W Sup: \$20 Con Sup: \$2,500	21-22 21-22 21-22 21-22	PA&ED: 7/30/2021 R/W Cert: 4/25/2022 RTL: 5/2/2022 Begin Con: 2/2/2023
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Subtotal: \$6,620 \$3,720
Total Project Cost: \$10,340

Carryover

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 0.0 Lane mile(s)

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-119 28.2/31.3 6805 0616000222	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate roadway including reconstruction of travel lanes with Jointed Plain Concrete Pavement (JPCP), widen intersections and shoulders to meet current standards, add bicycle lanes, median lane to accommodate two-way turning, install drainage inlets and stormwater basin, sidewalks and upgrade Americans with Disabilities Act (ADA) ramps to current standards.	0V610 2023-24	R/W: \$14,200 Con: \$26,500	PA&ED: \$3,200 PS&E: \$2,500 R/W Sup: \$6,300 Con Sup: \$4,600	Prior 20-21 20-21 23-24	PA&ED: 9/1/2020 R/W Cert: 9/1/2023 RTL: 12/1/2023 Begin Con: 4/29/2024
Carryover			Subtotal: \$40,700 Total Project Cost:	\$16,600 \$57,300		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 10.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.5	1.5	10.0	Lane mile(s)
Post Condition	10.0	0.0	0.0	10.0	Lane mile(s)

06-Kern-155 R0.0/R1.3 6960 0617000303	In Deleno, from Fremont Street to west of Browning Road. Rehabilitate roadway, widen shoulders, upgrade facilities to Americans with Disabilities Act (ADA) standards, and rehabilitate drainage systems.	OW810 2023-24	R/W: \$1,400 Con: \$9,000	PA&ED: \$1,700 PS&E: \$2,300 R/W Sup: \$540 Con Sup: \$1,800	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 3/15/2024 Begin Con: 9/1/2024
New			Subtotal: \$10,400 Total Project Cost:	\$6,340 \$16,740		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 2.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.6	0.0	2.6	Lane mile(s)
Post Condition	2.6	0.0	0.0	2.6	Lane mile(s)

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-184 0.8/8.6 6803 061600001	Near Bakersfield, from Dunsmere Street to Breckenridge Road. Upgrade Americans with Disabilities Act (ADA) curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	0U290 2022-23	R/W: \$2,230 Con: \$17,700	PA&ED: \$2,425 PS&E: \$3,000 R/W Sup: \$2,200 Con Sup: \$3,400	Prior 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 4/3/2023 Begin Con: 11/20/2023
<i>Carryover</i>			Subtotal: \$19,930 Total Project Cost:	\$11,025 \$30,955		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 21.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.0	12.7	0.9	21.6	Lane mile(s)
Post Condition	21.6	0.0	0.0	21.6	Lane mile(s)

06-Kern-184 8.5/11.6 6798 0616000033	In and near Bakersfield, from 0.1 mile north of Edison Highway to 0.1 mile north of Chase Avenue. Upgrade Americans with Disabilities Act (ADA) curbs and barrier railing, widen shoulders, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate roadway.	0U430 2021-22	R/W: \$350 Con: \$7,600	PA&ED: \$1,020 PS&E: \$1,520 R/W Sup: \$50 Con Sup: \$1,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 11/14/2022
<i>Carryover</i>			Subtotal: \$7,950 Total Project Cost:	\$4,190 \$12,140		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 8.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.7	7.8	0.3	8.8	Lane mile(s)
Post Condition	8.8	0.0	0.0	8.8	Lane mile(s)

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 10.2/15.9 6985 0615000300	Near Grapevine, from Grapevine Road Undercrossing to Route 5/99 Separation. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0U500 2023-24	R/W: \$20 Con: \$16,800	PA&ED: \$1,400 PS&E: \$2,200 R/W Sup: \$30 Con Sup: \$1,900	20-21 22-23 22-23 23-24	PA&ED: 7/5/2022 R/W Cert: 8/15/2023 RTL: 11/16/2023 Begin Con: 8/30/2024
New			Subtotal: \$16,820	\$5,530		
			Total Project Cost:	\$22,350		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	23.6	8.7	42.7	Lane mile(s)
Post Condition	18.9	23.8	0.0	42.7	Lane mile(s)

09-Kern-14 46.2/52.8 2672 0919000003	Near Armistead, from 1.1 mile north of Red Rock Canyon Road to 4.9 mile south of Route 178 (west). Rehabilitate pavement and upgrade signs.	37890 2022-23	R/W: \$7,560 Con: \$7,560	PA&ED: \$232 PS&E: \$528 R/W Sup: \$2 Con Sup: \$385	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 7/8/2022 RTL: 8/8/2022 Begin Con: 1/11/2023
New			Subtotal: \$7,560	\$1,147		
			Total Project Cost:	\$8,707		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.1	12.1	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 40.4/59.0 6978 0619000010	Near McKittrick, from south of Lokern Road to 1.2 miles south of Route 46. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0Y130 2022-23	R/W: \$220 Con: \$16,600	PA&ED: \$1,800 PS&E: \$1,300 R/W Sup: \$350 Con Sup: \$2,300	20-21 22-23 22-23 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 4/18/2023 Begin Con: 11/3/2023
<i>New</i>			Subtotal: \$16,820	\$5,750		
			Total Project Cost:	\$22,570		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.2	0.0	37.2	Lane mile(s)
Post Condition	37.2	0.0	0.0	37.2	Lane mile(s)

06-Kern-58 6.0/15.4 6957 0618000057	Near McKittrick, from San Luis Obispo County line to Route 33. Pavement rehabilitation, repair culverts, and upgrade Intelligent Transportation System (ITS) field elements.	0X350 2020-21	R/W: \$140 Con: \$11,000	PA&ED: \$1,500 PS&E: \$1,500 R/W Sup: \$30 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 7/16/2020 R/W Cert: 2/1/2021 RTL: 4/15/2021 Begin Con: 10/3/2021
<i>Carryover</i>			Subtotal: \$11,140	\$4,830		
			Total Project Cost:	\$15,970		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	4.9	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

**2020 SHOPP Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-58 39.9/46.0 6756 0615000212	In and near Bakersfield, from Route 43 to 0.1 mile west of Allen Road. Pavement rehabilitation.	0U110 2021-22	R/W: \$350 Con: \$7,000	PA&ED: \$1,400 PS&E: \$1,200 R/W Sup: \$250 Con Sup: \$1,900	Prior 20-21 21-22 21-22	PA&ED: 10/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$7,350	\$4,750		
Carryover			Total Project Cost:	\$12,100		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	11.4	0.6	12.2	Lane mile(s)
Post Condition	12.2	0.0	0.0	12.2	Lane mile(s)

06-Kern-166 0.0/9.0 6896 0618000060	In and near Maricopa, from Route 33 to 4.0 miles east of Basic School Road (PM 0.010/9.000). Rehabilitate pavement, upgrade guardrail and facilities to Americans with Disability Act (ADA) standards, and construct rumble strips.	0X380 2022-23	R/W: \$120 Con: \$9,200	PA&ED: \$1,600 PS&E: \$1,500 R/W Sup: \$120 Con Sup: \$2,000	20-21 22-23 22-23 22-23	PA&ED: 7/1/2022 R/W Cert: 4/3/2023 RTL: 4/23/2023 Begin Con: 11/1/2023
			Subtotal: \$9,320	\$5,220		
New			Total Project Cost:	\$14,540		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 17.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.2	0.7	17.9	Lane mile(s)
Post Condition	17.9	0.0	0.0	17.9	Lane mile(s)

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 R0.0/4.4 6895 0618000055	Near Lebec, from Los Angeles County line to south of Lebec Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0X330 2022-23	R/W: \$30 Con: \$25,400	PA&ED: \$1,300 PS&E: \$1,600 R/W Sup: \$20 Con Sup: \$3,000	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 4/3/2023 RTL: 4/18/2023 Begin Con: 11/8/2023
New			Subtotal: \$25,430	\$5,920		
			Total Project Cost:	\$31,350		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 17.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.4	11.1	2.0	17.5	Lane mile(s)
Post Condition	17.5	0.0	0.0	17.5	Lane mile(s)

06-Kern-58 R64.4/67.3 6981 0618000183	Near Edison, from west of Tejon Highway Overcrossing to 2.5 miles west of General Beale Road. Rehabilitate roadway, replace signs, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	0X160 2022-23	R/W: \$10 Con: \$10,200	PA&ED: \$910 PS&E: \$1,600 R/W Sup: \$50 Con Sup: \$1,500	20-21 21-22 21-22 22-23	PA&ED: 1/14/2022 R/W Cert: 9/1/2022 RTL: 9/9/2022 Begin Con: 3/15/2023
New			Subtotal: \$10,210	\$4,060		
			Total Project Cost:	\$14,270		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 5.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	4.2	0.5	5.8	Lane mile(s)
Post Condition	5.8	0.0	0.0	5.8	Lane mile(s)

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 21.8/39.8 6894 0618000043	Near Taft, from 0.9 mile south of Henry Road to north of Cymric Road (north) at various locations. Rehabilitate drainage systems.	0X240 2023-24	R/W: \$630 Con: \$4,500	PA&ED: \$1,700 PS&E: \$1,600 R/W Sup: \$1,500 Con Sup: \$1,500	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 10/2/2023 RTL: 10/16/2023 Begin Con: 6/1/2024
New			Subtotal: \$5,130	\$6,300		
			Total Project Cost:	\$11,430		

Program 201.151 Drainage System Restoration
Project Output(s) 44 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,318.0	2,318.0	Linear feet
Post Condition	2,318.0	0.0	0.0	2,318.0	Linear feet

06-Kern-178 12.6/55.4 6925 0618000017	Near Bakersfield, from east of Miramonte Drive to Vista Grande Drive. Repair, replace, and/or clean culverts.	0X080 2021-22	R/W: \$20 Con: \$7,100	PA&ED: \$2,800 PS&E: \$900 R/W Sup: \$480 Con Sup: \$1,700	Prior 21-22 21-22 21-22	PA&ED: 10/29/2020 R/W Cert: 1/7/2022 RTL: 1/14/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$7,120	\$5,880		
			Total Project Cost:	\$13,000		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,296.0	4,296.0	Linear feet
Post Condition	4,296.0	0.0	0.0	4,296.0	Linear feet

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

06-Kern-223 R16.0 6758 0614000057	Near Weedpatch, at Route 184 (Wheeler Ridge Road) intersection. Construct roundabout. (Additional \$1,500,000 from local contribution).	0R190 2022-23	R/W: Con: \$2,700	PA&ED: PS&E: R/W Sup: Con Sup: \$1,000	22-23	PA&ED: 8/21/2015 R/W Cert: 7/5/2022 RTL: 7/12/2022 Begin Con: 1/5/2023
			Subtotal: \$2,700	\$1,000		
			Total Project Cost:	\$3,700		
New						

Program 201.310 Operational Improvements
Project Output(s) 122.1 Daily vehicle hour(s) of delay (DVHD)

FACILITIES

09-Kern-58 R92.0 2634 0916000032	In Tehachapi, at Mill Street. Construct a new Tehachapi Maintenance Station at an alternative site to replace the old, undersized facility that is in constant need of repairs.	36750 2021-22	R/W: \$1,146 Con: \$8,867	PA&ED: \$930 PS&E: \$2,630 R/W Sup: \$432 Con Sup: \$2,778	Prior 21-22 20-21 21-22	PA&ED: 6/4/2020 R/W Cert: 6/23/2022 RTL: 6/24/2022 Begin Con: 1/4/2023
			Subtotal: \$10,013	\$6,770		
			Total Project Cost:	\$16,783		
Carryover						

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	704.0	4,400.0	5,104.0	Square feet
Post Condition	28,713.0	0.0	0.0	28,713.0	Square feet

2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Kern County

			R/W: \$24,706	PA&ED: \$31,425		
			Const: \$245,713	PS&E: \$40,412		
				R/W Sup: \$17,275		
				Con Sup: \$49,822		
			<hr/>			
			Subtotal: \$270,419		\$138,934	
			Total (Capital + Support):		\$409,353	

2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Kings-41	Near Kettleman City, from 0.1 mile south to 0.2 mile north of Bernard Drive. Construct roundabout. (Additional \$1,700,000 from local contribution).	0X950	R/W: \$1,800	PA&ED: \$1,700	Prior	PA&ED: 9/29/2021
16.6/16.9		2023-24	Con: \$4,800	PS&E: \$2,200	21-22	R/W Cert: 7/14/2023
7031				R/W Sup: \$1,300	21-22	RTL: 8/4/2023
0619000078				Con Sup: \$2,600	23-24	Begin Con: 3/29/2024
<i>Carryover</i>			Subtotal: \$6,600	\$7,800		
			Total Project Cost:	\$14,400		

Program 201.010 Safety Improvements
Project Output(s) 43 Collision(s) reduced

06-Kings-198	Near Hanford, from 0.4 mile east of 10th Avenue Overcrossing to 1.5 miles east of Route 43/198 Separation. Upgrade gore areas, construct Maintenance Vehicle Pullouts (MVPs) and slope paving at bridges.	0U790	R/W: \$3	PA&ED: \$510	Prior	PA&ED: 6/15/2020
R19.4/22.5		2020-21	Con: \$3,790	PS&E: \$770	Prior	R/W Cert: 7/3/2020
6799				R/W Sup: \$35	Prior	RTL: 1/15/2021
0616000037				Con Sup: \$540	20-21	Begin Con: 7/15/2021
<i>Carryover</i>			Subtotal: \$3,793	\$1,855		
			Total Project Cost:	\$5,648		

Program 201.235 Maintenance Access
Project Output(s) 15 Location(s)

2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Kings-41 30.6/33.0 6873 0616000208	In and near Stratford, from 22nd Street to Laurel Avenue at the Kings River Bridge No. 45-0007. Replace 73-year old bridge due to extensive superstructure and substructure distress and susceptibility to liquefaction.	0V110 2021-22	R/W: \$120 * Con: \$18,500	PA&ED: \$2,300 PS&E: \$2,700 R/W Sup: \$400 * Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 5/22/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/30/2022
Carryover	(G13 Contingency)		Subtotal: \$18,620	\$9,500		
			Total Project Cost:	\$28,120		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,066.0	12,066.0	Square feet
Post Condition	12,066.0	0.0	0.0	12,066.0	Square feet
<u>Bridge Health</u> Bridge No. 45-0007		<u>Existing Condition</u> Poor	<u>Post Condition</u> Good		

ROADWAY PRESERVATION

06-Kings-41 28.4/R39.8 6935 0617000304	Near Stratford, from Nevada Avenue to Route 198. Rehabilitate pavement, replace signs, upgrade guardrail, construct rumble strips, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0W820 2023-24	R/W: \$170 Con: \$16,400	PA&ED: \$1,800 PS&E: \$1,800 R/W Sup: \$130 Con Sup: \$3,100	20-21 21-22 21-22 23-24	PA&ED: 4/4/2022 R/W Cert: 10/30/2023 RTL: 12/6/2023 Begin Con: 5/1/2024
New			Subtotal: \$16,570	\$6,830		
			Total Project Cost:	\$23,400		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.0 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.0	0.0	23.0	Lane mile(s)
Post Condition	23.0	0.0	0.0	23.0	Lane mile(s)

2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kings-41 20.0/28.4 6928 0615000309	Near Kettleman City, from Quail Avenue to Nevada Avenue. Rehabilitate roadway, upgrade lighting and guardrail, replace signs, construct rumble strips, and install Transportation Management System (TMS) elements.	0U460 2022-23	R/W: \$90 Con: \$18,200	PA&ED: \$1,000 PS&E: \$1,900 R/W Sup: \$20 Con Sup: \$2,700	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 2/1/2023 RTL: 3/6/2023 Begin Con: 8/15/2023
New			Subtotal: \$18,290	\$5,620		
			Total Project Cost:	\$23,910		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 16.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.8	0.0	16.8	Lane mile(s)
Post Condition	16.8	0.0	0.0	16.8	Lane mile(s)

ROADSIDE PRESERVATION

06-Kings-198 R16.6/R21.5 6815 0617000010	In and near Hanford, from 0.3 mile west of 12th Avenue to 0.5 mile east of Route 43/198 Separation. Electrical upgrade of booster pumps, replace irrigation mainline, valves and valve wiring.	0V820 2020-21	R/W: \$7 Con: \$1,550	PA&ED: \$270 PS&E: \$590 R/W Sup: \$22 Con Sup: \$520	Prior Prior Prior 20-21	PA&ED: 5/15/2020 R/W Cert: 7/3/2020 RTL: 1/15/2021 Begin Con: 7/15/2021
Carryover			Subtotal: \$1,557	\$1,402		
			Total Project Cost:	\$2,959		

Program 201.210 Highway Planting Restoration
Project Output(s) 17.9 Acre(s)

2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Kings County

			R/W:	\$2,190	PA&ED:	\$7,580
			Const:	\$63,240	PS&E:	\$9,960
					R/W Sup:	\$1,907
					Con Sup:	\$13,560
						<hr/>
			Subtotal:	\$65,430		\$33,007
			Total (Capital + Support):			\$98,437

2020 SHOPP Project List
Lake
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

01-Lake-20 2.0/2.8 3123 0118000117	Near Upper Lake, from 0.6 mile west of Irvine Avenue to 0.1 mile east of Mid Lake Road. Improve curves and widen shoulders.	0H840 2021-22	R/W: \$560 Con: \$15,214	PA&ED: \$1,986 PS&E: \$2,373 R/W Sup: \$401 Con Sup: \$4,395	Prior 20-21 Prior 21-22	PA&ED: 9/25/2020 R/W Cert: 3/7/2022 RTL: 3/21/2022 Begin Con: 7/18/2022
<i>Carryover</i>			Subtotal: \$15,774	\$9,155		
			Total Project Cost:	\$24,929		

Program 201.010 Safety Improvements
Project Output(s) 36 Collision(s) reduced

01-Lake-29 R34.9/R35.2 3126 0118000122	Near Kelseyville, from Kelsey Creek Bridge to north of Kelsey Creek Road. Construct left-turn lane.	0H880 2021-22	R/W: \$125 Con: \$2,875	PA&ED: \$1,430 PS&E: \$1,093 R/W Sup: \$322 Con Sup: \$1,245	Prior 20-21 20-21 21-22	PA&ED: 3/15/2021 R/W Cert: 5/18/2022 RTL: 5/20/2022 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$3,000	\$4,090		
			Total Project Cost:	\$7,090		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

**2020 SHOPP Project List
Lake
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Lake-175 0.2/0.4 3118 0117000226	Near Hopland, from 0.2 mile east to 0.4 mile east of Mendocino County line. Curve realignment and shoulder widening.	0H460 2021-22	R/W: \$7 Con: \$2,879	PA&ED: \$510 PS&E: \$1,256 R/W Sup: \$143 Con Sup: \$975	Prior Prior Prior 21-22	PA&ED: 2/2/2020 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 12/22/2021
<i>Carryover</i>			Subtotal: \$2,886 Total Project Cost:	\$2,884 \$5,770		

Program 201.010 Safety Improvements
Project Output(s) 18 Collision(s) reduced

BRIDGE PRESERVATION

01-Lake-29 50.8 3130 0118000172	Near Upper Lake, at Robinson Creek Bridge No. 14-0030 (PM 50.82); also on Route 175 at Kelsey Creek Bridge No. 14-0044 (PM 19.48); also on Route 20 at Morrison Creek Bridge No. 14-0004 (PM 16.81). Widen bridge and upgrade bridge rails at Robinson Creek Bridge and Morrison Creek Bridge, and replace existing Kelsey Creek Bridge.	0E081 2020-21	R/W: \$833 Con: \$8,608	PA&ED: \$200 PS&E: \$1,882 R/W Sup: \$223 Con Sup: \$2,330	Prior Prior Prior 20-21	PA&ED: 6/15/2020 R/W Cert: 4/21/2021 RTL: 6/18/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$9,441 Total Project Cost:	\$4,635 \$14,076		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 456.0 Linear feet rail
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	136.0	142.0	278.0	Linear feet rail
Post Condition	456.0	0.0	0.0	456.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 14-0004	Good	Good
Bridge No. 14-0030	Fair	Good
Bridge No. 14-0044	Good	Good

**2020 SHOPP Project List
Lake
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

01-Lake-29 7017 0115000034	In Lake and Mendocino Counties, on Routes 20, 29, 101, and 175 at various locations. Upgrade and add new Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and public communication.	0E830 2020-21	R/W: \$46 Con: \$2,414	PA&ED: \$587 PS&E: \$852 R/W Sup: \$50 Con Sup: \$857	Prior Prior Prior 20-21	PA&ED: 1/2/2020 R/W Cert: 3/31/2021 RTL: 4/4/2021 Begin Con: 10/12/2021
<i>Carryover</i>			Subtotal: \$2,460	\$2,346		
			Total Project Cost:	\$4,806		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	2	Field element(s)
Post Condition	100.0%	0.0%	21	Field element(s)

01-Lake-53 3104 0115000033	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade and add new Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and public communication.	0E820 2020-21	R/W: \$43 Con: \$1,915	PA&ED: \$618 PS&E: \$844 R/W Sup: \$186 Con Sup: \$891	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 3/31/2021 RTL: 4/4/2021 Begin Con: 10/12/2021
<i>Carryover</i>			Subtotal: \$1,958	\$2,539		
			Total Project Cost:	\$4,497		

Program 201.315 Transportation Management Systems
Project Output(s) 11 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	2	Field element(s)
Post Condition	100.0%	0.0%	11	Field element(s)

2020 SHOPP Project List
Lake
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Lake County

			R/W: \$1,614	PA&ED: \$5,331		
			Const: \$33,905	PS&E: \$8,300		
				R/W Sup: \$1,325		
				Con Sup: \$10,693		
			Subtotal: \$35,519		\$25,649	
			Total (Capital + Support):		\$61,168	

**2020 SHOPP Project List
Lassen
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Lassen-44 0.0/37.2 3706 0218000038	Near Susanville, from Shasta County line to Plumas County line. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, and pave Maintenance Vehicle Pullouts (MVPs).	3H820 2022-23	R/W: \$209 Con: \$36,940	PA&ED: \$850 PS&E: \$1,010 R/W Sup: \$130 Con Sup: \$1,730	20-21 21-22 21-22 22-23	PA&ED: 1/10/2022 R/W Cert: 12/23/2022 RTL: 1/25/2023 Begin Con: 6/20/2023
New			Subtotal: \$37,149	\$3,720		
			Total Project Cost:	\$40,869		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 75.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	75.5	0.0	75.5	Lane mile(s)
Post Condition	75.5	0.0	0.0	75.5	Lane mile(s)

02-Lassen-139 0.7/11.0 3718 0218000074	Near Susanville, from north of Chestnut Street to 2.7 miles south of Horse Lake Road. Rehabilitate pavement, upgrade guardrail and concrete barrier, pave Maintenance Vehicle Pullouts (MVPs) and chain area, rehabilitate drainage systems, and upgrade facilities to meet Americans with Disabilities Act (ADA) standards.	4H070 2023-24	R/W: \$132 Con: \$12,140	PA&ED: \$1,120 PS&E: \$1,150 R/W Sup: \$60 Con Sup: \$1,020	20-21 22-23 22-23 23-24	PA&ED: 11/16/2022 R/W Cert: 2/16/2024 RTL: 4/12/2024 Begin Con: 8/16/2024
New			Subtotal: \$12,272	\$3,350		
			Total Project Cost:	\$15,622		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	7.8	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

**2020 SHOPP Project List
Lassen
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Lassen County

			R/W: \$341	PA&ED: \$1,970		
			Const: \$49,080	PS&E: \$2,160		
				R/W Sup: \$190		
				Con Sup: \$2,750		
			<hr/>			
			Subtotal: \$49,421	\$7,070		
			Total (Capital + Support):	\$56,491		

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

07-Los Angeles-1 42.5 5059 0716000335	In Malibu, south of Big Rock Drive. Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament.	4X970 2021-22	R/W: \$4,900 Con: \$3,300	PA&ED: \$1,600 PS&E: \$2,400 R/W Sup: \$950 Con Sup: \$2,750	Prior Prior Prior 21-22	PA&ED: 11/30/2020 R/W Cert: 11/5/2021 RTL: 12/31/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$8,200	\$7,700		
			Total Project Cost:	\$15,900		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Los Angeles-14 R27.0/R28.1 5293 0717000331	In Santa Clarita, from north of Newhall Avenue to Placerita Canyon Road. Permanent restoration of side slope storm damage by constructing three catchment walls to stabilize slopes and prevent material from falling onto the roadway.	34280 2021-22	R/W: \$410 Con: \$21,388	PA&ED: \$1,870 PS&E: \$4,222 R/W Sup: \$3,543 Con Sup: \$4,900	Prior Prior Prior 21-22	PA&ED: 11/27/2019 R/W Cert: 12/28/2021 RTL: 12/28/2021 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$21,798	\$14,535		
			Total Project Cost:	\$36,333		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-27 1.0/1.2 5291 0717000323	Near Malibu, from 1.0 to 1.1 miles north of Pacific Coast Highway (Route 1). Stabilize slope damaged by storms to prevent falling rocks from blocking the road or injuring motorists.	34260 2021-22	R/W: \$4,103 Con: \$23,568	PA&ED: \$1,760 PS&E: \$5,318 R/W Sup: \$430 Con Sup: \$8,521	Prior 21-22 20-21 21-22	PA&ED: 10/7/2020 R/W Cert: 2/10/2022 RTL: 3/11/2022 Begin Con: 9/23/2022
Carryover			Subtotal: \$27,671	\$16,029		
			Total Project Cost:	\$43,700		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

07-Los Angeles-110 23.1 5485 0718000272	In the city of Los Angeles, at Third Street Overcrossing Bridge No. 53 -0684. Replace bridge railing with concrete barriers and upgrade lighting.	35330 2021-22	R/W: \$18 Con: \$4,547	PA&ED: \$822 PS&E: \$2,085 R/W Sup: \$12 Con Sup: \$1,630	Prior Prior Prior 21-22	PA&ED: 4/3/2020 R/W Cert: 10/1/2021 RTL: 11/3/2021 Begin Con: 10/28/2022
Carryover			Subtotal: \$4,565	\$4,549		
			Total Project Cost:	\$9,114		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 48.0/48.5 5296 0718000008	In the city of Los Angeles (Granada Hills, Mission Hills, Sylmar), from Rinaldi Street to Route 5. Permanent restoration of eroded roadway cut slopes, modification of drainage systems, and placement of erosion control measures.	34320 2020-21	R/W: \$10 Con: \$14,357	PA&ED: \$1,579 PS&E: \$2,297 R/W Sup: \$430 Con Sup: \$5,025	Prior Prior Prior 20-21	PA&ED: 3/13/2020 R/W Cert: 1/19/2021 RTL: 3/18/2021 Begin Con: 10/21/2021
Carryover			Subtotal: \$14,367 Total Project Cost:	\$9,331 \$23,698		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

07-Los Angeles-1 4.7/6.6 5434 0718000212	In Long Beach, from Stanley Avenue to Cedar Avenue. Upgrade traffic signals, install protected left-turn phases, install pedestrian push buttons and pedestrian signals, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards to improve pedestrian and bicycle safety.	35200 2021-22	R/W: \$786 Con: \$3,845	PA&ED: \$521 PS&E: \$1,773 R/W Sup: \$997 Con Sup: \$1,597	Prior Prior Prior 21-22	PA&ED: 10/31/2019 R/W Cert: 1/3/2022 RTL: 1/31/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$4,631 Total Project Cost:	\$4,888 \$9,519		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 11.2 5612 0719000238	In the city of Los Angeles, in the neighborhood of Wilmington, at the intersection of Wilmington Boulevard. Upgrade traffic signal with protected left-turn phases from north and south approaches, add Accessible Pedestrian Signal (APS) and countdown devices, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35970 2021-22	R/W: \$48 Con: \$1,135	PA&ED: \$444 PS&E: \$912 R/W Sup: \$14 Con Sup: \$743	Prior 20-21 20-21 21-22	PA&ED: 10/9/2020 R/W Cert: 11/16/2021 RTL: 1/5/2022 Begin Con: 7/21/2022
<i>Carryover</i>			Subtotal: \$1,183 Total Project Cost:	\$2,113 \$3,296		
			Program	201.010 Safety Improvements		
			Project Output(s)	41 Collision(s) reduced		

07-Los Angeles-1 18.9/19.9 5611 0719000225	In Redondo Beach, from Knob Hill Avenue to Diamond Street. Improve safety by upgrading traffic signals, adding protected left-turn signal phasing, and upgrading facilities to Americans with Disabilities (ADA) standards at the intersections of Knob Hill Avenue and Diamond Street with Route 1.	35960 2020-21	R/W: \$1,079 Con: \$2,422	PA&ED: \$451 PS&E: \$1,240 R/W Sup: \$163 Con Sup: \$1,051	Prior Prior Prior 20-21	PA&ED: 6/5/2020 R/W Cert: 12/1/2020 RTL: 1/15/2021 Begin Con: 9/2/2021
<i>Carryover</i>			Subtotal: \$3,501 Total Project Cost:	\$2,905 \$6,406		
			Program	201.010 Safety Improvements		
			Project Output(s)	101 Collision(s) reduced		

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 44.1/44.2 5505 0719000001	In Malibu, from Las Flores Canyon Road to Rambla Pacifico Street. Install protected left-turn signal phases for southbound movements, extend left-turn lane, upgrade facilities to Americans with Disabilities (ADA) standards, and upgrade signal poles, mast arms, and hardware.	35490 2021-22	R/W: \$41 Con: \$4,009	PA&ED: \$590 PS&E: \$1,462 R/W Sup: \$21 Con Sup: \$1,235	Prior 20-21 20-21 21-22	PA&ED: 11/30/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 7/11/2022
<i>Carryover</i>			Subtotal: \$4,050 Total Project Cost:	\$3,308 \$7,358		

Program 201.010 Safety Improvements
Project Output(s) 112 Collision(s) reduced

07-Los Angeles-5 17.9/18.0 5433 0718000205	In the city of Los Angeles, at Cesar Chavez Avenue. Upgrade traffic signal, Americans with Disabilities Act (ADA) curb ramps, and install flashing beacons.	35180 2020-21	R/W: \$134 Con: \$1,312	PA&ED: \$442 PS&E: \$975 R/W Sup: \$64 Con Sup: \$760	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 5/28/2021 RTL: 6/30/2021 Begin Con: 3/2/2022
<i>Carryover</i>			Subtotal: \$1,446 Total Project Cost:	\$2,241 \$3,687		

Program 201.010 Safety Improvements
Project Output(s) 3 Collision(s) reduced

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 25.8/30.6 5083 0716000231	In the city of Los Angeles and South Pasadena, between Figueroa Street and Orange Grove Avenue. Convert outside lane to a dynamic lane/shoulder that can switch between the two depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC).	33150 2020-21	R/W: \$4,982 Con: \$25,284	PA&ED: \$2,835 PS&E: \$3,735 R/W Sup: \$1,318 Con Sup: \$5,390	Prior Prior Prior 20-21	PA&ED: 12/6/2020 R/W Cert: 5/1/2021 RTL: 6/30/2021 Begin Con: 1/16/2022
Carryover			Subtotal: \$30,266 Total Project Cost:	\$13,278 \$43,544		
			<i>SBI Baseline Agreement Required</i>			
			Program	201.010 Safety Improvements		
			Project Output(s)	504 Collision(s) reduced		

07-Los Angeles-138 33.0/33.2 5573 0719000171	Near Lancaster, at the intersection with 60th Street West. Construct roundabout.	36490 2023-24	R/W: \$527 Con: \$6,153	PA&ED: \$1,225 PS&E: \$2,215 R/W Sup: \$635 Con Sup: \$2,145	Prior 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 2/12/2024 RTL: 3/15/2024 Begin Con: 10/25/2024
Carryover			Subtotal: \$6,680 Total Project Cost:	\$6,220 \$12,900		
			Program	201.010 Safety Improvements		
			Project Output(s)	26 Collision(s) reduced		

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-138 43.8 5435 0718000213	In Palmdale, at the intersection of 2nd Street East. Install new traffic signal, install pedestrian signal heads with countdown and Accessible Pedestrian Signals (APS), install marked crosswalks, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	35210 2021-22	R/W: \$118 Con: \$975	PA&ED: \$496 PS&E: \$987 R/W Sup: \$152 Con Sup: \$1,074	Prior Prior Prior 21-22	PA&ED: 9/13/2019 R/W Cert: 1/28/2022 RTL: 2/28/2022 Begin Con: 10/14/2022
Carryover			Subtotal: \$1,093	\$2,709		
			Total Project Cost:	\$3,802		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

07-Los Angeles-170 R16.6/R19.6 5572 0719000165	In the city of Los Angeles, from Oxnard Street to south of Roscoe Boulevard. Place High Friction Surface Treatment (HFST).	35880 2021-22	R/W: \$10 Con: \$758	PA&ED: \$433 PS&E: \$706 R/W Sup: \$21 Con Sup: \$729	Prior 21-22 21-22 21-22	PA&ED: 5/1/2020 R/W Cert: 8/5/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$768	\$1,889		
			Total Project Cost:	\$2,657		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-Var 4969 0716000022	In Los Angeles and Ventura Counties, on various routes and locations. Upgrade and install new curve warning signs.	31930 2020-21	R/W: \$10 Con: \$2,090	PA&ED: \$594 PS&E: \$1,571 R/W Sup: \$12 Con Sup: \$878	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$2,100	\$3,055		
			Total Project Cost:	\$5,155		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

07-Los Angeles-2 26.4/79.8 5151 0716000270	In Los Angeles County, in Angeles National Forest, from Bay Tree Road to 0.1 mile west of Big Pines Highway at various locations. Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best Management Practices (BMPs).	33250 2020-21	R/W: \$28 Con: \$17,900	PA&ED: \$1,020 PS&E: \$2,670 R/W Sup: \$20 Con Sup: \$2,600	Prior Prior Prior 20-21	PA&ED: 6/19/2019 R/W Cert: 4/13/2021 RTL: 5/13/2021 Begin Con: 12/10/2021
<i>Carryover</i>			Subtotal: \$17,928	\$6,310		
			Total Project Cost:	\$24,238		

Program 201.015 Collision Severity Reduction
Project Output(s) 24 Collision(s) reduced

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 21.6/31.0 5077 0716000213	In the cities of Monterey Park, Rosemead, and El Monte, from 0.7 mile west of South Fremont Avenue Undercrossing to 0.5 mile east of Durfee Avenue Undercrossing.	33030 2021-22	R/W: \$200 Con: \$4,046	PA&ED: \$635 PS&E: \$1,820 R/W Sup: \$531 Con Sup: \$1,945	Prior Prior Prior 21-22	PA&ED: 1/17/2020 R/W Cert: 9/10/2021 RTL: 11/5/2021 Begin Con: 7/8/2022
<i>Carryover</i>	Upgrade twenty-seven overhead sign posts, associated pedestals, and concrete barriers to current standards to reduce the potential snagging for out of control vehicles.		Subtotal: \$4,246 Total Project Cost:	\$4,931 \$9,177		
			Program 201.015 Collision Severity Reduction			
			Project Output(s) 6 Collision(s) reduced			

07-Los Angeles-39 32.2/38.4 5046 0716000132	Near Azusa, from 0.9 mile north of North Fork San Gabriel Bridge No. 53 -2245 to 0.2 mile north of Crystal Lake Road (PM T32.1 to 38.4). Upgrade guardrail and end treatments to current standards.	32760 2020-21	R/W: \$20 Con: \$4,190	PA&ED: \$486 PS&E: \$1,893 R/W Sup: \$10 Con Sup: \$1,284	Prior Prior 20-21 20-21	PA&ED: 10/31/2019 R/W Cert: 1/8/2021 RTL: 2/5/2021 Begin Con: 10/8/2021
<i>Carryover</i>			Subtotal: \$4,210 Total Project Cost:	\$3,673 \$7,883		
			Program 201.015 Collision Severity Reduction			
			Project Output(s) 6 Collision(s) reduced			

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 6.3/18.1 4968 0716000020	In the cities of Compton, Paramount and Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89) and Route 405 (PM 0.27/28.51). Construct shoulder rumble strips ground-in indentations where right shoulder is less than 4 feet.	31920 2020-21	R/W: \$10 Con: \$2,300	PA&ED: \$156 PS&E: \$400 R/W Sup: \$30 Con Sup: \$550	Prior Prior Prior 20-21	PA&ED: 6/21/2019 R/W Cert: 11/2/2020 RTL: 12/1/2020 Begin Con: 7/30/2021
Carryover			Subtotal: \$2,310	\$1,136		
			Total Project Cost:	\$3,446		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

07-Los Angeles-105 R4.3/R5.0 5534 0719000064	In Inglewood and Hawthorne, from East of Yukon Avenue to east of Crenshaw Boulevard. Apply High Friction Surface Treatment (HFST), upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35700 2022-23	R/W: \$37 Con: \$4,358	PA&ED: \$506 PS&E: \$1,629 R/W Sup: \$24 Con Sup: \$1,498	20-21 20-21 21-22 22-23	PA&ED: 12/1/2020 R/W Cert: 11/1/2022 RTL: 1/3/2023 Begin Con: 11/1/2023
New			Subtotal: \$4,395	\$3,657		
			Total Project Cost:	\$8,052		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 15.1/22.9 5157 0716000298	In the city of Los Angeles, from Calzona Street to 0.1 mile south of Fletcher Drive; also on Route 2 at 0.1 mile south of Route 134 (PM R18.7). Improve highway worker safety by upgrading guardrail, installing Maintenance Vehicle Pullouts (MVPs), and installing vegetation control, upgrade Transportation Management System (TMS) elements, and widen and extend the deceleration lane on the southbound offramp to Calzona Street.	33300 2021-22	R/W: \$147 Con: \$16,927	PA&ED: \$650 PS&E: \$2,800 R/W Sup: \$25 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 12/2/2021 RTL: 12/30/2021 Begin Con: 8/4/2022
<i>Carryover</i>			Subtotal: \$17,074 Total Project Cost:	\$7,575 \$24,649		
				Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access	
			Project Output(s)	45	Location(s)	
07-Los Angeles-5 39.4/R44.4 4975 0716000028	In the city of Los Angeles, near San Fernando and Sylmar, from Route 118 to Balboa Boulevard. Construct Maintenance Vehicle Pullouts (MVPs), access roads and gates, relocate irrigation facilities, upgrade electrical pull boxes, pave slopes, narrow areas, beyond gore and under guardrail.	31990 2020-21	R/W: \$31 Con: \$3,100	PA&ED: \$495 PS&E: \$1,322 R/W Sup: \$16 Con Sup: \$1,295	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 1/8/2021 RTL: 2/8/2021 Begin Con: 10/4/2021
<i>Carryover</i>			Subtotal: \$3,131 Total Project Cost:	\$3,128 \$6,259		
				Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access	
			Project Output(s)	128	Location(s)	

**2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R31.4/36.5 4976 0716000029	In and near Santa Clarita, from Canyon Park Boulevard to Spring Canyon Road Undercrossing. Place minor concrete beyond gore, slope pave beneath abutments, rock blanket at narrow areas, cable mesh drapery systems, install Maintenance Vehicle Pullouts (MVPs), construct access trails, and install sign post sleeves beyond gore.	32000 2020-21	R/W: \$47 Con: \$3,551	PA&ED: \$459 PS&E: \$1,047 R/W Sup: \$55 Con Sup: \$954	Prior Prior Prior 20-21	PA&ED: 10/31/2019 R/W Cert: 10/1/2020 RTL: 12/15/2020 Begin Con: 8/13/2021
<i>Carryover</i>			Subtotal: \$3,598 Total Project Cost:	\$2,515 \$6,113		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	55 Location(s)

07-Los Angeles-57 5.0/5.2 5023 0716000078	In and near Diamond Bar, at the southbound offramp and onramp at Sunset Crossing Road. Construct Maintenance Vehicle Pullouts (MVPs) and construct biofiltration swale.	32480 2020-21	R/W: \$15 Con: \$1,116	PA&ED: \$183 PS&E: \$585 R/W Sup: \$22 Con Sup: \$666	Prior Prior 20-21 20-21	PA&ED: 1/31/2020 R/W Cert: 10/13/2020 RTL: 11/12/2020 Begin Con: 7/6/2021
<i>Carryover</i>			Subtotal: \$1,131 Total Project Cost:	\$1,456 \$2,587		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	4 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 R6.2/R9.2 5072 0716000203	In the city of Los Angeles, from Wilton Place Overcrossing (OC) to Barham Boulevard OC. Place minor concrete at narrow paving areas and slopes, pave areas beyond gore, replace fencing and gates, install sign post sleeves and construct Maintenance Vehicle Pullouts (MVPs).	32960 2021-22	R/W: \$15 Con: \$3,185	PA&ED: \$518 PS&E: \$1,520 R/W Sup: \$20 Con Sup: \$1,465	Prior 20-21 20-21 21-22	PA&ED: 8/21/2020 R/W Cert: 10/27/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
Carryover			Subtotal: \$3,200	\$3,523		
			Total Project Cost:	\$6,723		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 142 Location(s)

07-Los Angeles-101 11.0/23.5 5363 0718000070	In the city of Los Angeles, from south of Vineland Avenue to north of Winnetka Avenue. Enhance highway worker safety by paving areas beyond the gore, constructing Maintenance Vehicle Pullouts (MVPs), installing gates and fences, relocating controller cabinets, and installing cable railing.	34600 2023-24	R/W: \$121 Con: \$3,741	PA&ED: \$844 PS&E: \$1,806 R/W Sup: \$36 Con Sup: \$1,648	20-21 21-22 21-22 23-24	PA&ED: 9/20/2021 R/W Cert: 5/16/2023 RTL: 7/14/2023 Begin Con: 3/11/2024
New			Subtotal: \$3,862	\$4,334		
			Total Project Cost:	\$8,196		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 122 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 3.9/5.9 5214 0716000401	In and near Carson, from 0.2 mile south of Route 1 to 0.2 mile south of 228th Street. Construct Maintenance Vehicle Pullouts (MVPs), rock blankets, access roads, fences/gates, stairways to access slopes, median paving, and install landscaping.	33650 2021-22	R/W: \$91 Con: \$2,388	PA&ED: \$730 PS&E: \$1,701 R/W Sup: \$46 Con Sup: \$1,129	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/15/2021 RTL: 7/30/2021 Begin Con: 5/13/2022
Carryover			Subtotal: \$2,479	\$3,606		
			Total Project Cost:	\$6,085		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 29 Location(s)

07-Los Angeles-110 20.0/23.6 4973 0716000026	In the city of Los Angeles, from Exposition Boulevard to Temple Street. Pave beyond gore, slope paving under structures, construct Maintenance Vehicle Pullouts (MVPs), upgrade end treatment to Smart cushion crash attenuator and place vegetation control under guardrail.	31970 2020-21	R/W: \$9 Con: \$2,427	PA&ED: \$512 PS&E: \$1,460 R/W Sup: \$93 Con Sup: \$964	Prior Prior Prior 20-21	PA&ED: 12/24/2019 R/W Cert: 1/26/2021 RTL: 3/1/2021 Begin Con: 12/22/2021
Carryover			Subtotal: \$2,436	\$3,029		
			Total Project Cost:	\$5,465		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 76 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R4.5/R9.1 5216 0717000014	In the cities of Granada Hills and Porter Ranch, from 700 feet west of Tampa Avenue to Woodley Avenue. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore, repave side slopes, relocate irrigation controller, and provide access gates.	33680 2021-22	R/W: \$163 Con: \$2,669	PA&ED: \$659 PS&E: \$1,677 R/W Sup: \$53 Con Sup: \$1,513	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$2,832 Total Project Cost:	\$3,902 \$6,734		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 30 Location(s)

07-Los Angeles-170 R14.5/R16.6 5073 0716000204	In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install fencing and gates, vandal resistant pedestrian undercrossing enclosures.	32970 2021-22	R/W: \$41 Con: \$3,262	PA&ED: \$526 PS&E: \$1,313 R/W Sup: \$34 Con Sup: \$1,025	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$3,303 Total Project Cost:	\$2,898 \$6,201		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 84 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.0/12.9 5000 0716000052	In Long Beach and Carson, from east of the Route 710/405 Interchange to Route 110/405 Interchange. Construct access roads, pave around gore areas, construct Maintenance Vehicle Pullouts (MVPs), minor/patterned concrete paving on slopes, upgrade guardrail and end treatment, vegetation management control.	32180 2021-22	R/W: \$411 Con: \$2,912	PA&ED: \$440 PS&E: \$1,586 R/W Sup: \$37 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 7/14/2021 RTL: 9/3/2021 Begin Con: 1/7/2022
<i>Carryover</i>			Subtotal: \$3,323 Total Project Cost:	\$3,363 \$6,686		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	35 Location(s)

07-Los Angeles-405 12.9/R21.5 5227 0717000063	In various cities, from 405/110 Junction to north of 405/105 Junction. Construct Maintenance Vehicle Pullouts (MVPs), access road, rock blanket at islands and between ramps and upgrade irrigation systems.	33870 2021-22	R/W: \$29 Con: \$3,806	PA&ED: \$522 PS&E: \$1,420 R/W Sup: \$102 Con Sup: \$1,311	Prior 20-21 20-21 21-22	PA&ED: 8/30/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$3,835 Total Project Cost:	\$3,355 \$7,190		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	61 Location(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R4.3 5229 0717000074 Carryover	In and near Lakewood, from Los Angeles County line to 183rd Street. Construct Maintenance Vehicle Pullouts (MVPs), anchor assemblies for sign post sleeves, access roads, cable railing, and gates.	33890 2021-22	R/W: \$20 Con: \$1,794	PA&ED: \$498 PS&E: \$1,219 R/W Sup: \$42 Con Sup: \$926	Prior 20-21 20-21 21-22	PA&ED: 12/2/2020 R/W Cert: 12/27/2021 RTL: 1/26/2022 Begin Con: 9/28/2022
			Subtotal: \$1,814	\$2,685		
			Total Project Cost:	\$4,499		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 46 Location(s)

07-Los Angeles-710 6.0/14.1 5404 0718000167 New	In Long Beach and Compton, from Shoreline Drive to north of Alondra Boulevard. Enhance highway worker safety by constructing Maintenance Vehicle Pullouts (MVPs), upgrading guardrail and end treatments, paving beyond the gore, installing erosion control, and replacing pull boxes.	34990 2023-24	R/W: \$75 Con: \$4,160	PA&ED: \$716 PS&E: \$1,864 R/W Sup: \$91 Con Sup: \$2,064	20-21 21-22 21-22 23-24	PA&ED: 7/15/2021 R/W Cert: 11/15/2023 RTL: 12/28/2023 Begin Con: 8/28/2024
			Subtotal: \$4,235	\$4,735		
			Total Project Cost:	\$8,970		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 58 Location(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 R15.1/21.9 5078 0716000214	In the cities of South Gate, Bell Gardens and Commerce, from 800 feet north of Rosecrans Avenue to Atlantic Boulevard. Construct Maintenance Vehicle Pullouts (MVPs),	33050 2021-22	R/W: \$10 Con: \$2,368	PA&ED: \$613 PS&E: \$1,578 R/W Sup: \$12 Con Sup: \$1,253	Prior Prior Prior 21-22	PA&ED: 8/30/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/29/2022
Carryover	pave narrow and gore areas, install fences/gates.		Subtotal: \$2,378 Total Project Cost:	\$3,456 \$5,834		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 36 Location(s)

MANDATES

07-Los Angeles-5 23.2/36.3 5321 0718000046	In the cities of Los Angeles, Glendale, and Burbank, from north of Fletcher Drive to Route 170. Construct stormwater Best Management Practices (BMPs).	34420 2022-23	R/W: \$315 Con: \$3,978	PA&ED: \$1,934 PS&E: \$2,503 R/W Sup: \$236 Con Sup: \$2,358	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 12/30/2022 RTL: 1/31/2023 Begin Con: 12/29/2023
New			Subtotal: \$4,293 Total Project Cost:	\$7,031 \$11,324		

Program 201.335 Storm Water Mitigation
Project Output(s) 32.3 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 36.0 5377 0718000097 New	In the city of Los Angeles, near Sun Valley, at the Fernangeles Recreation Center. Financial Contribution Only (FCO) to Los Angeles Department of Water and Power (LADWP) to install an underground infiltration gallery to treat stormwater runoff.	34740 2022-23	R/W: Con: \$17,070	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: 8/1/2022 R/W Cert: 5/12/2023 RTL: 6/15/2023 Begin Con: 7/30/2024
			Subtotal: \$17,070			
			Total Project Cost:	\$17,070		

Program 201.335 Storm Water Mitigation
Project Output(s) 181.0 Acre(s) treated/pollutant

07-Los Angeles-10 R4.5/R5.6 5091 0716000254 Carryover	In the city of Los Angeles, from Bundy Drive Undercrossing to Sepulveda Boulevard Undercrossing; also on Route 405 from Olympic Boulevard to National Boulevard Undercrossing (PM 29.1/30.8). Install irrigation system and plant vegetation to stabilize soil.	33200 2021-22	R/W: \$10 Con: \$1,281	PA&ED: \$497 PS&E: \$1,054 R/W Sup: \$16 Con Sup: \$1,028	Prior Prior Prior 21-22	PA&ED: 3/6/2020 R/W Cert: 10/8/2021 RTL: 11/5/2021 Begin Con: 8/5/2022
			Subtotal: \$1,291	\$2,595		
			Total Project Cost:	\$3,886		

Program 201.335 Storm Water Mitigation
Project Output(s) 38.5 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 46.0/48.0 4971 0716000024	In Claremont and Pomona, from east of North Orange Grove Avenue Undercrossing to east of South Indian Hill Boulevard Undercrossing.	31950 2020-21	R/W: \$29 Con: \$1,897	PA&ED: \$2,100 PS&E: \$2,100 R/W Sup: \$200 Con Sup: \$1,490	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 12/31/2020 RTL: 3/1/2021 Begin Con: 7/30/2021
<i>Carryover</i>	Construct permanent treatment Best Management Practices (BMPs).		Subtotal: \$1,926 Total Project Cost:	\$5,890 \$7,816		

Program 201.335 Storm Water Mitigation
Project Output(s) 5.0 Acre(s) treated/pollutant

07-Los Angeles-60 11.0/20.0 4980 0716000040	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install stormwater quality Best Management Practices (BMPs).	32040 2020-21	R/W: \$102 Con: \$10,168	PA&ED: \$1,407 PS&E: \$2,999 R/W Sup: \$28 Con Sup: \$2,064	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/14/2021 RTL: 3/1/2021 Begin Con: 10/8/2021
<i>Carryover</i>			Subtotal: \$10,270 Total Project Cost:	\$6,498 \$16,768		

Program 201.335 Storm Water Mitigation
Project Output(s) 52.5 Acre(s) treated/pollutant

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-60 20.0/R26.0 5025 0716000080	In and near Diamond Bar, from Fullerton Road to Diamond Bar Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	32500 2020-21	R/W: \$28 Con: \$5,215	PA&ED: \$1,035 PS&E: \$2,094 R/W Sup: \$27 Con Sup: \$2,188	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 8/28/2020 RTL: 9/30/2020 Begin Con: 4/30/2021
<i>Carryover</i>			Subtotal: \$5,243	\$5,344		
			Total Project Cost:	\$10,587		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.4 Acre(s) treated/pollutant

07-Los Angeles-60 R28.0/R30.4 5011 0716000063	In and near Pomona, from Phillips Ranch Road to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin and media filters.	32330 2020-21	R/W: \$15 Con: \$6,078	PA&ED: \$1,200 PS&E: \$2,865 R/W Sup: \$90 Con Sup: \$2,380	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/15/2021 RTL: 2/18/2021 Begin Con: 8/13/2021
<i>Carryover</i>			Subtotal: \$6,093	\$6,535		
			Total Project Cost:	\$12,628		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.5 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 S0.0/1.5 4977 0716000030	In the city of Los Angeles, from Routes 5/10/60/101 Interchange to Figueroa Street. Plant vegetation an install supporting irrigation system to stabilize soil.	32010 2021-22	R/W: \$30 Con: \$2,650	PA&ED: \$420 PS&E: \$1,010 R/W Sup: \$50 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 2/22/2022 RTL: 3/28/2022 Begin Con: 9/9/2022
<i>Carryover</i>			Subtotal: \$2,680	\$2,480		
			Total Project Cost:	\$5,160		

Program 201.335 Storm Water Mitigation
Project Output(s) 19.5 Acre(s) treated/pollutant

07-Los Angeles-118 R1.5/R10.2 5027 0716000083	In the cities of Granada Hills and Porter Ranch, from Topango Canyon Boulevard to Sepulveda Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin, media filters and a Gross Solids Removal Devices (GSRDs).	32530 2020-21	R/W: \$55 Con: \$7,945	PA&ED: \$1,600 PS&E: \$3,300 R/W Sup: \$170 Con Sup: \$3,300	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 1/25/2021 RTL: 3/1/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$8,000	\$8,370		
			Total Project Cost:	\$16,370		

Program 201.335 Storm Water Mitigation
Project Output(s) 25.3 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R11.0/R14.0 5001 0716000053	In the city of Los Angeles, from Arleta Avenue to Route 210. Construct stormwater treatment Best Management Practices (BMPs).	32200 2021-22	R/W: \$300 Con: \$11,750	PA&ED: \$2,000 PS&E: \$4,000 R/W Sup: \$250 Con Sup: \$3,500	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/15/2021 RTL: 12/10/2021 Begin Con: 6/24/2022
<i>Carryover</i>			Subtotal: \$12,050	\$9,750		
			Total Project Cost:	\$21,800		

Program 201.335 Storm Water Mitigation
Project Output(s) 20.0 Acre(s) treated/pollutant

07-Los Angeles-210 R33.7/R39.8 4705 0714000033	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	30170 2021-22	R/W: \$88 Con: \$3,976	PA&ED: \$144 PS&E: \$1,175 R/W Sup: \$30 Con Sup: \$1,144	Prior Prior Prior 21-22	PA&ED: 6/27/2018 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$4,064	\$2,493		
			Total Project Cost:	\$6,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.3 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R36.0/R40.6 5009 0716000061	In and near Azusa, from 0.1 mile east of Highland Avenue Undercrossing to S. Citrus Avenue Overcrossing. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales and Austin Vault Sand Filters.	32310 2021-22	R/W: \$37 Con: \$10,045	PA&ED: \$1,890 PS&E: \$2,836 R/W Sup: \$189 Con Sup: \$3,098	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 8/5/2021 RTL: 9/30/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$10,082	\$8,013		
			Total Project Cost:	\$18,095		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

07-Los Angeles-210 R41.3/R44.6 5005 0716000057	In Glendora, at various locations from 0.2 mile east of S. Barranca Avenue Overcrossing to 0.1 mile west of Amelia Avenue Undercrossing. Construct and install various stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips/trenches, infiltration basins and vault sand filters.	32260 2021-22	R/W: \$61 Con: \$7,149	PA&ED: \$1,575 PS&E: \$2,729 R/W Sup: \$242 Con Sup: \$2,730	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 9/3/2021 RTL: 10/29/2021 Begin Con: 5/16/2022
<i>Carryover</i>			Subtotal: \$7,210	\$7,276		
			Total Project Cost:	\$14,486		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.2 Acre(s) treated/pollutant

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R44.7/R52.1 5068 0716000178	In and near La Verne, at various locations from 0.4 mile east of S Lone Hill Avenue Undercrossing to 0.2 mile west of Base Line Road Overcrossing.	32850 2021-22	R/W: \$69 Con: \$6,147	PA&ED: \$1,900 PS&E: \$2,601 R/W Sup: \$160 Con Sup: \$2,600	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/2/2021 RTL: 8/30/2021 Begin Con: 3/15/2022
<i>Carryover</i>	Construct stormwater treatment Best Management Practices (BMPs) including Gross Solids Removal Devices (GSRDs), biofiltration swales/strips and infiltration trenches.		Subtotal: \$6,216 Total Project Cost:	\$7,261 \$13,477		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.5 Acre(s) treated/pollutant

07-Los Angeles-405 40.1/48.1 4978 0716000031	In the city of Los Angeles, near Van Nuys, from 0.2 mile south of Burbank Boulevard to 0.5 mile south of Route 5. Plant vegetation, install irrigation, minor concrete paving, and slope paving.	32020 2020-21	R/W: \$48 Con: \$4,318	PA&ED: \$610 PS&E: \$1,590 R/W Sup: \$50 Con Sup: \$1,320	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$4,366 Total Project Cost:	\$3,570 \$7,936		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.5 Acre(s) treated/pollutant

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R9.6 4997 0716000048	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct stormwater treatment Best Management Practices (BMPs)	32150 2021-22	R/W: \$20 Con: \$15,050	PA&ED: \$1,450 PS&E: \$3,255 R/W Sup: \$25 Con Sup: \$3,556	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 12/30/2021 RTL: 2/1/2022 Begin Con: 8/31/2022
<i>Carryover</i>	including biofiltration swales/strips, detention basin, Maintenance Vehicle Pullouts (MVPs) and install infiltration devices.		Subtotal: \$15,070 Total Project Cost:	\$8,286 \$23,356		

Program 201.335 Storm Water Mitigation
Project Output(s) 70.6 Acre(s) treated/pollutant

07-Los Angeles-605 R9.6/R15.7 5212 0716000393	In and near Santa Fe Springs, from Santa Ana Freeway Undercrossing to 0.1 mile north of Rose Hills Road Overcrossing. Install stormwater treatment Best Management Practices (BMPs).	33610 2021-22	R/W: \$72 Con: \$8,633	PA&ED: \$1,593 PS&E: \$3,402 R/W Sup: \$202 Con Sup: \$2,969	Prior Prior Prior 21-22	PA&ED: 2/27/2020 R/W Cert: 10/5/2021 RTL: 11/30/2021 Begin Con: 6/15/2022
<i>Carryover</i>			Subtotal: \$8,705 Total Project Cost:	\$8,166 \$16,871		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.9 Acre(s) treated/pollutant

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R16.5/R19.5 5234 0717000143	Near El Monte, at various locations, from 0.1 mile south of Peck Road Overcrossing to 0.1 mile north of Valley Boulevard Undercrossing.	33930 2021-22	R/W: \$96 Con: \$12,901	PA&ED: \$1,500 PS&E: \$4,550 R/W Sup: \$202 Con Sup: \$3,320	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 11/5/2021 RTL: 12/30/2021 Begin Con: 8/15/2022
<i>Carryover</i>	Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, linear radial Gross Solids Removal Devices (GSRDs), infiltration basins and an Austin Vault Sand Filter.		Subtotal: \$12,997 Total Project Cost:	\$9,572 \$22,569		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 54.8 Acre(s) treated/pollutant			

07-Los Angeles-605 R20.0/R26.0 5236 0717000144	Near El Monte, from 0.2 mile south of Route 10 to 0.2 mile north of Route 210. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, Gross Solids Removal Devices (GSRDs) and a Design Pollution Prevention Infiltration Area.	33940 2021-22	R/W: \$89 Con: \$15,187	PA&ED: \$1,576 PS&E: \$3,971 R/W Sup: \$237 Con Sup: \$4,308	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 12/6/2021 RTL: 1/31/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$15,276 Total Project Cost:	\$10,092 \$25,368		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 52.2 Acre(s) treated/pollutant			

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 24.4/26.7 5089 0716000252	In the city of Los Angeles, from 3rd Street to Route 10 Interchange. Install irrigation systems and plant vegetation to stabilize soil.	33180 2021-22	R/W: \$16 Con: \$3,420	PA&ED: \$600 PS&E: \$1,250 R/W Sup: \$50 Con Sup: \$1,250	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 9/21/2021 RTL: 11/23/2021 Begin Con: 5/6/2022
<i>Carryover</i>			Subtotal: \$3,436	\$3,150		
			Total Project Cost:	\$6,586		

Program 201.335 Storm Water Mitigation
Project Output(s) 34.2 Acre(s) treated/pollutant

07-Los Angeles-2 10.6/26.2 5392 0718000143	In the cities of Los Angeles, Glendale, and La Canada Flintridge, from Sycamore Avenue to Briartree Drive/Greenridge Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	34850 2022-23	R/W: \$2,320 Con: \$3,432	PA&ED: \$1,102 PS&E: \$2,220 R/W Sup: \$753 Con Sup: \$1,848	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/2/2022 RTL: 1/16/2023 Begin Con: 9/13/2023
<i>New</i>			Subtotal: \$5,752	\$5,923		
			Total Project Cost:	\$11,675		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 95 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	95.0	95.0	Each
Post Condition	95.0	0.0	0.0	95.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-66 0.0/3.2 4745B 0718000285	In La Verne and Pomona, from Baseline Road to Towne Avenue. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30651 2021-22	R/W: \$819 Con: \$1,542	PA&ED: PS&E: \$1,100 R/W Sup: \$250 Con Sup: \$950	Prior Prior 21-22	PA&ED: 8/21/2018 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/2/2022
Carryover			Subtotal: \$2,361 Total Project Cost:	\$2,300 \$4,661		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

07-Los Angeles-72 0.0/6.8 5158 0716000299	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway lanes, Accessible Pedestrian Signals (APS) and push buttons to meet current Americans with Disabilities Act (ADA) standards.	33310 2021-22	R/W: \$1,000 Con: \$5,781	PA&ED: \$900 PS&E: \$4,000 R/W Sup: \$4,600 Con Sup: \$2,200	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 3/2/2022 RTL: 3/17/2022 Begin Con: 11/7/2022
Carryover			Subtotal: \$6,781 Total Project Cost:	\$11,700 \$18,481		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 170 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	170.0	170.0	Each
Post Condition	170.0	0.0	0.0	170.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-107 0.0/4.8 4749B 0718000318	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet Americans with Disabilities Act (ADA) standards.	30702 2021-22	R/W: \$3,850 Con: \$2,950	PA&ED: PS&E: \$714 R/W Sup: \$244 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 7/8/2018 R/W Cert: 12/1/2021 RTL: 1/3/2022 Begin Con: 8/31/2022
Carryover			Subtotal: \$6,800	\$2,708		
			Total Project Cost:	\$9,508		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 71 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	71.0	71.0	Each
Post Condition	71.0	0.0	0.0	71.0	Each

07-Los Angeles-138 43.4/51.4 5185 0716000316	In Palmdale, from Route 14 Junction (south) to Avenue T. Upgrade curb ramps, traffic signals and sidewalks to meet current standards.	33370 2021-22	R/W: \$703 Con: \$8,385	PA&ED: \$695 PS&E: \$3,795 R/W Sup: \$1,401 Con Sup: \$3,225	Prior Prior Prior 21-22	PA&ED: 12/28/2020 R/W Cert: 1/18/2022 RTL: 2/18/2022 Begin Con: 10/17/2022
Carryover			Subtotal: \$9,088	\$9,116		
			Total Project Cost:	\$18,204		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 66 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Each
Post Condition	66.0	0.0	0.0	66.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-164 1.4/6.9 4982 071600042	In the cities of Wittier, South Monte and Rosemead, from Gallatin Road to Rudell Underpass. Upgrade curb ramps, sidewalks and pathways to meet current Americans with Disabilities Act (ADA) standards.	32080 2021-22	R/W: \$952 Con: \$5,803	PA&ED: \$1,034 PS&E: \$3,150 R/W Sup: \$916 Con Sup: \$2,714	Prior Prior 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 9/29/2021 RTL: 10/28/2021 Begin Con: 4/25/2022
Carryover			Subtotal: \$6,755 Total Project Cost:	\$7,814 \$14,569		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 76 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	76.0	76.0	Each
Post Condition	76.0	0.0	0.0	76.0	Each

07-Los Angeles-210 R9.7/R51.9 4985 071600119	In La Crescenta and La Canada Flintridge, from west of Sunland Boulevard to Baseline Road, near the San Bernardino County line.	32680 2021-22	R/W: \$1,500 Con: \$17,028	PA&ED: \$1,400 PS&E: \$1,000 R/W Sup: \$500 Con Sup: \$5,000	Prior 21-22 21-22 21-22	PA&ED: 1/15/2020 R/W Cert: 7/30/2021 RTL: 8/30/2021 Begin Con: 3/1/2022
Carryover	Reconstruct curb ramps to meet Americans with Disabilities Act (ADA) standards, install Accessible Pedestrian Signals (APS), relocate pull boxes and traffic signal poles. This is a Design-Build project.		Subtotal: \$18,528 Total Project Cost:	\$7,900 \$26,428		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 252 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Each
Post Condition	252.0	0.0	0.0	252.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-213 0.0/8.0 4743B 0718000286	In the cities of Rancho Palos Verdes, Lomita and Los Angeles, from W 25th Street to W Carson Street at various locations. Upgrade curb ramps, sidewalks and driveways to meet Americans with Disabilities Act (ADA) standards.	30661 2021-22	R/W: \$2,834 Con: \$1,779	PA&ED: PS&E: \$1,700 R/W Sup: \$700 Con Sup: \$1,200	20-21 21-22 21-22	PA&ED: 12/19/2018 R/W Cert: 8/2/2021 RTL: 9/2/2021 Begin Con: 4/4/2022
Carryover			Subtotal: \$4,613 Total Project Cost:	\$3,600 \$8,213		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 70 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70.0	70.0	Each
Post Condition	70.0	0.0	0.0	70.0	Each

BRIDGE PRESERVATION

07-Los Angeles-1 0.0 4983 0716000043	In Long Beach, at the San Gabriel River Bridge No. 53-0060. Widen bridge and upgrade bridge rail.	32090 2023-24	R/W: \$23,210 Con: \$16,527	PA&ED: \$1,555 PS&E: \$2,759 R/W Sup: \$950 Con Sup: \$4,633	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 11/1/2024
New			Subtotal: \$39,737 Total Project Cost:	\$9,897 \$49,634		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	28,664.0	0.0	0.0	28,664.0	Square feet
Post Condition	38,728.0	0.0	0.0	38,728.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-0060	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 56.5/56.9 4498 0712000094	In Malibu, from Guernsey Avenue to Trancas Canyon Road/Broad Beach Road. Replace bridge.	29140 2020-21	R/W: \$35,000 Con: \$11,628	PA&ED: \$2,342 PS&E: \$2,123 R/W Sup: \$740 Con Sup: \$3,100	Prior Prior Prior 20-21	PA&ED: 6/30/2017 R/W Cert: 8/21/2020 RTL: 9/30/2020 Begin Con: 3/30/2021
				Subtotal: \$46,628	\$8,305	
<i>Carryover</i>				Total Project Cost:	\$54,933	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,148.0	8,148.0	Square feet
Post Condition	26,160.0	0.0	0.0	26,160.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0027	Poor	Good

07-Los Angeles-103 0.1 5004 0716000056	In the city of Los Angeles, at the Union Pacific Overhead No. 53-2626. Replace the bridge deck with composite reinforced concrete.	32250 2021-22	R/W: \$1,730 * Con: \$20,099	PA&ED: \$669 PS&E: \$3,482 R/W Sup: \$376 * Con Sup: \$6,328	Prior Prior Prior 21-22	PA&ED: 11/12/2019 R/W Cert: 12/31/2021 RTL: 1/28/2022 Begin Con: 8/26/2022
				Subtotal: \$21,829	\$10,855	
<i>Carryover</i> (G13 Contingency)				Total Project Cost:	\$32,684	

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	87,834.0	87,834.0	Square feet
Post Condition	91,677.0	0.0	0.0	91,677.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2626	Poor	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R36.8 5026 0716000082	In Irwindale, on the San Gabriel River Bridge No. 53-1867. Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electroliers.	32520 2020-21	R/W: \$596 Con: \$18,697	PA&ED: \$1,061 PS&E: \$3,665 R/W Sup: \$444 Con Sup: \$4,244	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 12/7/2020 RTL: 1/6/2021 Begin Con: 10/28/2021
Carryover			Subtotal: \$19,293	\$9,414		
			Total Project Cost:	\$28,707		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	139,664.0	139,664.0	Square feet
Post Condition	139,664.0	0.0	0.0	139,664.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1867	Good	Good

07-Los Angeles-710 22.2 5499 0718000355	In Commerce and Vernon, at Hobart Rail Yard Overhead No. 53-0840. Rehabilitate, clean, and paint bridge.	35470 2023-24	R/W: \$732 Con: \$17,117	PA&ED: \$449 PS&E: \$1,602 R/W Sup: \$413 Con Sup: \$3,704	20-21 21-22 21-22 23-24	PA&ED: 7/16/2021 R/W Cert: 1/16/2024 RTL: 3/29/2024 Begin Con: 1/22/2025
New			Subtotal: \$17,849	\$6,168		
			Total Project Cost:	\$24,017		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	139,123.0	0.0	139,123.0	Square feet
Post Condition	139,123.0	0.0	0.0	139,123.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0840	Fair	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 0.0 4984 0716000044	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB 605 to NB I-405 Connector Bridge No. 53-1737H; also in Orange County on Route 405 at the SB 405 to NB 605 Connector Bridge No. 55-0413F.	32100 2021-22	R/W: \$254 * Con: \$15,831	PA&ED: \$2,140 PS&E: \$6,840 R/W Sup: \$300 * Con Sup: \$5,840	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 2/16/2022 RTL: 3/18/2022 Begin Con: 2/1/2023
Carryover	Retrofit scour critical bridges to preserve the structural integrity of the bridges by enlarging and deepening pile cap, adding Cast in Drilled Hole (CIDH) piles and reinforcing the area with Rock Slope Protection (RSP).		Subtotal: \$16,085 Total Project Cost:	\$15,120 \$31,205		
	(G13 Contingency)					

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.111 Bridge Scour Mitigation
Project Output(s) 3 Bridge(s)

**Primary Asset
(Scour)**

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	115,833.0	115,833.0	Square feet
Post Condition	115,833.0	0.0	0.0	115,833.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-1185	Good	Good
Bridge No. 53-1737H	Fair	Fair
Bridge No. 55-0413F	Fair	Fair

07-Los Angeles-2 12.7 5429 0718000191	In Los Angeles County, on various routes at Santa Monica Bridge No. 53-0675, First Street Undercrossing No. 53-0582, Alvarado Street Separation No. 53-0617 and Avenue 60 on and offramp Bridge No. 53-0986S.	35150 2023-24	R/W: \$245 Con: \$5,725	PA&ED: \$1,238 PS&E: \$2,764 R/W Sup: \$69 Con Sup: \$2,463	20-21 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 12/1/2023 RTL: 1/3/2024 Begin Con: 9/4/2024
New	Upgrade bridge rails, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.		Subtotal: \$5,970 Total Project Cost:	\$6,534 \$12,504		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,486.0 Linear feet rail
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	1,486.0	1,486.0	Linear feet rail
Post Condition	1,486.0	0.0	0.0	1,486.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-0582	Fair	Good
Bridge No. 53-0617	Good	Good
Bridge No. 53-0675	Good	Good
Bridge No. 53-0986S	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-39 20.7 5396 0718000152	Near Azusa, at Van Orum Canyon Bridge No. 53-0115. Upgrade bridge rail and install guardrail.	34890 2023-24	R/W: \$14 Con: \$1,125	PA&ED: \$533 PS&E: \$1,484 R/W Sup: \$67 Con Sup: \$1,225	20-21 21-22 21-22 23-24	PA&ED: 8/2/2021 R/W Cert: 8/13/2023 RTL: 10/6/2023 Begin Con: 7/19/2024
New			Subtotal: \$1,139	\$3,309		
			Total Project Cost:	\$4,448		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 205.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	205.0	205.0	Linear feet rail
Post Condition	205.0	0.0	0.0	205.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0115	Fair	Fair

07-Los Angeles-103 0.9 5355 0718000063	In the city of Los Angeles, near Wilmington, at the Anaheim Street Overhead No. 53-2627. Upgrade bridge rail.	34490 2023-24	R/W: \$68 Con: \$5,568	PA&ED: \$872 PS&E: \$1,712 R/W Sup: \$104 Con Sup: \$2,130	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 2/15/2024 RTL: 3/29/2024 Begin Con: 12/9/2024
New			Subtotal: \$5,636	\$4,818		
			Total Project Cost:	\$10,454		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,168.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,168.0	3,168.0	Linear feet rail
Post Condition	3,168.0	0.0	0.0	3,168.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2627	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 22.8 5002 0716000054	In the city of Los Angeles, at the 5th Street Overcrossing No. 53-0685 and 6th Street Overcrossing No. 53-0746. Upgrade bridge railing.	32230 2020-21	R/W: \$115 Con: \$3,776	PA&ED: \$465 PS&E: \$1,673 R/W Sup: \$30 Con Sup: \$1,776	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 3/15/2021 RTL: 4/26/2021 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$3,891	\$3,944		
			Total Project Cost:	\$7,835		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,565.0 Linear feet rail
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,565.0	1,565.0	Linear feet rail
Post Condition	1,565.0	0.0	0.0	1,565.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0685	Good	Good
Bridge No. 53-0746	Good	Good

07-Los Angeles-134 R12.6 5003 0716000055	In Pasadena, at the Arroyo Seco Bridge No. 53-0166. Replace/upgrade bridge railing.	32240 2021-22	R/W: \$2,530 Con: \$5,420	PA&ED: \$1,300 PS&E: \$2,320 R/W Sup: \$200 Con Sup: \$2,860	Prior 21-22 21-22 21-22	PA&ED: 2/7/2020 R/W Cert: 8/30/2021 RTL: 9/30/2021 Begin Con: 2/25/2022
<i>Carryover</i>			Subtotal: \$7,950	\$6,680		
			Total Project Cost:	\$14,630		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 2,772.0 Linear feet rail
1 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,772.0	0.0	2,772.0	Linear feet rail
Post Condition	2,772.0	0.0	0.0	2,772.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0166	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 7.0/7.2 5364 0718000071	In Long Beach, at Los Angeles River Bridge No. 53-0341 and De Forest Avenue Undercrossing No. 53-1047. Seismic retrofit, upgrade bridge rails, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	34610 2022-23	R/W: \$238 * Con: \$19,877	PA&ED: \$1,570 PS&E: \$4,204 R/W Sup: \$357 * Con Sup: \$6,538	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 2/2/2023 RTL: 3/8/2023 Begin Con: 11/1/2023
New			Subtotal: \$20,115	\$12,669		
			Total Project Cost:	\$32,784		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.113 Bridge Seismic Restoration
Project Output(s) 2 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	49,417.0	49,417.0	Square feet
Post Condition	49,417.0	0.0	0.0	49,417.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-0341	Good	Good

07-Los Angeles-5 22.5 5414 0718000189	In the city of Los Angeles, at Connector Undercrossing Bridge No. 53-0577 at Route 2. Seismic retrofit bridge and upgrade guardrail.	35130 2022-23	R/W: \$45 Con: \$5,430	PA&ED: \$1,270 PS&E: \$2,620 R/W Sup: \$55 Con Sup: \$2,440	20-21 21-22 21-22 22-23	PA&ED: 9/30/2021 R/W Cert: 3/1/2023 RTL: 3/30/2023 Begin Con: 12/15/2023
New			Subtotal: \$5,475	\$6,385		
			Total Project Cost:	\$11,860		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	43,917.0	43,917.0	Square feet
Post Condition	43,917.0	0.0	0.0	43,917.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-0577	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R87.4 5032 0716000091	Near Kern County line, at the Tejon Pass Overcrossing No. 53-1779. Seismic retrofit of bridge, widen bridge abutments, add steel casing to bent columns, retrofit bent foundation and install micropiles.	32590 2021-22	R/W: \$100 Con: \$2,020	PA&ED: \$700 PS&E: \$1,856 R/W Sup: \$200 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 1/15/2020 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 1/5/2022
Carryover			Subtotal: \$2,120 Total Project Cost:	\$4,256 \$6,376		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	7,890.0	7,890.0	Square feet
Post Condition	7,890.0	0.0	0.0	7,890.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-1779	Good	Good

07-Los Angeles-39 17.8 5035 0716000113	In Azusa at the San Gabriel River Bridge No. 53-0113 (PM 17.81) ; also in Pomona on Route 71 at the Ridgeway Street Undercrossing Bridge No. 53-2052 (PM R0.92). Seismic retrofit, barrier replacement, paint San Gabriel River Bridge. (G13 Contingency)	32620 2021-22	R/W: \$101 * Con: \$19,329	PA&ED: \$1,372 PS&E: \$4,549 R/W Sup: \$488 * Con Sup: \$5,686	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 6/10/2022
Carryover			Subtotal: \$19,430 Total Project Cost:	\$12,095 \$31,525		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.113 Bridge Seismic Restoration
Project Output(s) 2 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	47,545.0	47,545.0	Square feet
Post Condition	47,545.0	0.0	0.0	47,545.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-0113	Good	Good
Bridge No. 53-2052	Good	Good

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 R10.2/R10.3 4704 0714000024	In Compton, at Compton Creek Bridge Overhead and offramp No. 53 -2235 and No. 53-2237S; also in Long Beach, on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53 -2934 (PM 6.0) and Gaffy Street Bridge No. 53-0397Y (PM R0.8). Bridge seismic retrofit and bridge rail upgrade.	30160 2021-22	R/W: \$1,926 * Con: \$12,852	PA&ED: \$2,260 PS&E: \$3,500 R/W Sup: \$150 * Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 9/30/2020 R/W Cert: 2/25/2022 RTL: 3/30/2022 Begin Con: 11/30/2022
Carryover			Subtotal: \$14,778	\$10,010		
			Total Project Cost:	\$24,788		
			* Construction Capital and * Construction Support phases are NOT authorized			
	(G13 Contingency)					
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	4 Bridge(s)		

Primary Asset

(Seismic)

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	256,607.0	256,607.0	Square feet
Post Condition	256,607.0	0.0	0.0	256,607.0	Square feet

Bridge Health

Existing Condition Post Condition

	Existing Condition	Post Condition
Bridge No. 53-0397Y	Good	Good
Bridge No. 53-2235	Good	Good
Bridge No. 53-2237S	Good	Good
Bridge No. 53-2238K	Good	Good
Bridge No. 53-2934	Fair	Fair

07-Los Angeles-210 R18.7/R19.7 5393 0718000144	In La Canada Flintridge, from east of Route 2 to west of Angeles Crest Highway, on Alta Canyada Road Overcrossing No. 53-2189, E2-W210 Connector Undercrossing No. 53 -2191G, and Foothill La Canada Separation No. 53-2138. Seismic retrofit of one bridge and add Light Emitting Diode (LED) lighting to one bridge and one tunnel.	34870 2023-24	R/W: \$50 Con: \$17,040	PA&ED: \$1,160 PS&E: \$3,603 R/W Sup: \$191 Con Sup: \$5,161	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
New			Subtotal: \$17,090	\$10,115		
			Total Project Cost:	\$27,205		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	1 Bridge(s)		

Primary Asset

(Seismic)

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	26,372.0	26,372.0	Square feet
Post Condition	26,372.0	0.0	0.0	26,372.0	Square feet

Bridge Health

Existing Condition Post Condition

	Existing Condition	Post Condition
Bridge No. 53-2189	Fair	Fair

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R19.4/R27.0 5386 0718000137	In La Canada Flintridge and Pasadena, from West of Foothill Boulevard to Hill Avenue. Seismic retrofit of Orange Grove Boulevard Overcrossing No. 53-2195, rehabilitate irrigation system and landscaping, and rehabilitate culverts.	34820 2023-24	R/W: \$83 Con: \$11,440	PA&ED: \$800 PS&E: \$2,379 R/W Sup: \$251 Con Sup: \$2,883	20-21 21-22 21-22 23-24	PA&ED: 8/4/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 12/20/2024
New			Subtotal: \$11,523 Total Project Cost:	\$6,313 \$17,836		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	36,651.0	36,651.0	Square feet
Post Condition	36,651.0	0.0	0.0	36,651.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2195	Fair	Fair

07-Los Angeles-405 17.6 5490 0718000307	In Lawndale, at Route 107, at Hawthorne Undercrossing Bridge No.53-1231. Seismic retrofit of bridge and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35390 2022-23	R/W: \$47 Con: \$4,681	PA&ED: \$543 PS&E: \$2,558 R/W Sup: \$17 Con Sup: \$2,151	20-21 21-22 21-22 22-23	PA&ED: 6/15/2021 R/W Cert: 12/15/2022 RTL: 1/13/2023 Begin Con: 8/25/2023
New			Subtotal: \$4,728 Total Project Cost:	\$5,269 \$9,997		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45,682.0	45,682.0	Square feet
Post Condition	45,682.0	0.0	0.0	45,682.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1231	Good	Good

**2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 28.2/31.0 5067 0716000175	In El Monte, from Baldwin Avenue Overcrossing to Route 605 at Rio Hondo Bridge No. 53-657, East El Monte Overhead No. 53-0867 and San Gabriel River Bridge No. 53 -109L/R. Replace overhang joints with reinforced concrete closure pours.	32830 2021-22	R/W: \$1,356 Con: \$8,140	PA&ED: \$813 PS&E: \$3,927 R/W Sup: \$915 Con Sup: \$3,526	Prior Prior Prior 21-22	PA&ED: 1/7/2020 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/23/2022
<i>Carryover</i>			Subtotal: \$9,496	\$9,181		
			Total Project Cost:	\$18,677		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	252,478.0	0.0	0.0	252,478.0	Square feet
Post Condition	252,478.0	0.0	0.0	252,478.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0109L	Good	Good
Bridge No. 53-0109R	Good	Good
Bridge No. 53-0657	Good	Good
Bridge No. 53-0867	Good	Good

07-Los Angeles-105 R14.6/R16.4 5069 0716000180	In the city of South Gate, at Paramount Boulevard Overcrossing No. 53-2425; also in the city of Downey, at Ardis Avenue Overcrossing No. 53-2572. Remove and install new joint assemblies, apply waterproof coating, replace joint seals and apply methacrylate to Ardis Avenue Overcrossing deck.	32860 2020-21	R/W: \$27 Con: \$1,340	PA&ED: \$259 PS&E: \$891 R/W Sup: \$26 Con Sup: \$1,022	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 10/1/2020 RTL: 12/1/2020 Begin Con: 7/20/2021
<i>Carryover</i>			Subtotal: \$1,367	\$2,198		
			Total Project Cost:	\$3,565		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	42,360.0	42,360.0	Square feet
Post Condition	42,360.0	0.0	0.0	42,360.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2425	Fair	Good
Bridge No. 53-2572	Fair	Fair

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 8.8 4721 0714000084	In Carson, at Dolores Yard Overhead No. 53-1168. Upgrade bridge drainage system.	30480 2020-21	R/W: \$2,657 Con: \$2,193	PA&ED: \$301 PS&E: \$525 R/W Sup: \$203 Con Sup: \$794	Prior Prior Prior 20-21	PA&ED: 9/28/2018 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 1/31/2022
<i>Carryover</i>			Subtotal: \$4,850 Total Project Cost:	\$1,823 \$6,673		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	146,066.0	0.0	0.0	146,066.0	Square feet
Post Condition	146,066.0	0.0	0.0	146,066.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1168	Good	Good

07-Los Angeles-10 R13.3 4966 0716000016	In the city of Los Angeles, at the Normandie Avenue Undercrossing Bridge No. 53-1565. Strengthen girders with epoxy and reinforcement steel.	31900 2021-22	R/W: \$22 Con: \$2,253	PA&ED: \$508 PS&E: \$1,493 R/W Sup: \$5 Con Sup: \$1,188	Prior 20-21 20-21 21-22	PA&ED: 7/17/2020 R/W Cert: 10/8/2021 RTL: 11/12/2021 Begin Con: 5/20/2022
<i>Carryover</i>			Subtotal: \$2,275 Total Project Cost:	\$3,194 \$5,469		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Goods Movement)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	40,365.0	40,365.0	Square feet
Post Condition	40,365.0	0.0	0.0	40,365.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1565	Good	Good

**2020 SHOPP Project List
Los Angeles
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 12.6/13.0 4967 0716000017	In Long Beach, at the northbound Route 710 to eastbound Route 91 connector, below Artesia Boulevard Overcrossing No. 53-0820 and E91-N710 Connector Overcrossing No. 53-2241G. Lower profile of connector to achieve standard vertical clearance.	31910 2020-21	R/W: \$40 Con: \$3,230	PA&ED: \$910 PS&E: \$2,468 R/W Sup: \$43 Con Sup: \$2,073	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 2/12/2021 RTL: 3/15/2021 Begin Con: 4/15/2022
Carryover			Subtotal: \$3,270	\$5,494		
			Total Project Cost:	\$8,764		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 2 Bridge(s)

Primary Asset

(Goods Movement)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	46,973.0	46,973.0	Square feet
Post Condition	46,973.0	0.0	0.0	46,973.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 53-0820	Good	Good
Bridge No. 53-2241G	Good	Good

ROADWAY PRESERVATION

07-Los Angeles-1 0.0/18.0 4998 0716000049	In the cities of Long Beach, Los Angeles, Lomita, and Torrance, from Orange County line to Paseo De Las Delicias. Upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade guardrail, grind pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32160 2021-22	R/W: \$1,554 * Con: \$36,220	PA&ED: \$1,680 PS&E: \$4,886 R/W Sup: \$920 * Con Sup: \$7,300	Prior Prior Prior 21-22	PA&ED: 7/31/2020 R/W Cert: 1/5/2022 RTL: 3/30/2022 Begin Con: 10/12/2022
Carryover			Subtotal: \$37,774	\$14,786		
			Total Project Cost:	\$52,560		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 81.0 Lane mile(s)

(G13 Contingency)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	81.0	0.0	81.0	Lane mile(s)
Post Condition	81.0	0.0	0.0	81.0	Lane mile(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-1 18.0/33.3 5034 0716000090 Carryover	In the cities of Torrance, Redondo Beach, Hermosa Beach, Manhattan Beach, El Segundo, and Los Angeles, from Paseo De Las Delicias to Machado Drive/Commonwealth Avenue. Upgrade Americans with Disabilities Act (ADA) curb ramps and guardrail, repair concrete pavement, reconstruct bus pads, replace asphalt pavement with Portland Cement Concrete (PCC) at intersections, grind pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32580 2021-22	R/W: \$1,900	PA&ED: \$1,960	Prior	PA&ED: 7/31/2020
			* Con: \$47,900	PS&E: \$6,770	Prior	R/W Cert: 2/25/2022
				R/W Sup: \$780	Prior	RTL: 3/30/2022
				* Con Sup: \$9,154	21-22	Begin Con: 10/12/2022
			Subtotal: \$49,800	\$18,664		
			Total Project Cost:	\$68,464		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	79.9 Lane mile(s)		

Primary Asset

(G13 Contingency)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.6	73.2	5.1	79.9	Lane mile(s)
Post Condition	79.9	0.0	0.0	79.9	Lane mile(s)

07-Los Angeles-1 46.9/62.9 5491 0718000323 New	In and near Malibu, from north of Serra Road to the Ventura County line (PM 62.867). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	35420 2023-24	R/W: \$725	PA&ED: \$1,225	20-21	PA&ED: 10/15/2021
			Con: \$19,897	PS&E: \$2,500	21-22	R/W Cert: 2/12/2024
				R/W Sup: \$271	21-22	RTL: 3/15/2024
				Con Sup: \$3,422	23-24	Begin Con: 11/15/2024
			Subtotal: \$20,622	\$7,418		
			Total Project Cost:	\$28,040		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 63.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	63.4	0.0	63.4	Lane mile(s)
Post Condition	63.4	0.0	0.0	63.4	Lane mile(s)

2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 2.3/14.2 5184 0716000313	In and near the city of Los Angeles, from Centinela Avenue to Cotner Avenue, North La Brea Avenue to North Oxford Avenue and North Hollywood Boulevard to Allesandro Street. Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter, construct bus pads and replace traffic signals at several locations.	33360 2021-22	R/W: \$38 * Con: \$19,810	PA&ED: \$1,900 PS&E: \$5,000 R/W Sup: \$160 * Con Sup: \$5,000	Prior 21-22 21-22 21-22	PA&ED: 5/30/2021 R/W Cert: 1/5/2022 RTL: 2/23/2022 Begin Con: 7/29/2022
Carryover			Subtotal: \$19,848	\$12,060		
			Total Project Cost:	\$31,908		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	17.6 Lane mile(s)		
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.8	4.8	17.6	Lane mile(s)
Post Condition	17.6	0.0	0.0	17.6	Lane mile(s)

07-Los Angeles-5 6.6/13.1 5535 0719000062	In Santa Fe Springs, Downey, and Commerce, from south of Route 5 to north of Atlantic Boulevard. Rehabilitate pavement, replace concrete barrier, and upgrade sign structures.	35730 2022-23	R/W: \$20 Con: \$24,640	PA&ED: \$1,428 PS&E: \$3,631 R/W Sup: \$35 Con Sup: \$4,086	20-21 20-21 20-21 22-23	PA&ED: 11/30/2020 R/W Cert: 5/19/2023 RTL: 3/30/2023 Begin Con: 12/7/2023
New			Subtotal: \$24,660	\$9,180		
			Total Project Cost:	\$33,840		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	47.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	36.7	8.8	47.0	Lane mile(s)
Post Condition	47.0	0.0	0.0	47.0	Lane mile(s)

**2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-22 0.0/1.5 5022 0716000077	In Long Beach, from Route 1 to San Gabriel Undercrossing. Cold plane pavement and overlay with Rubberized Hot Mixed Asphalt - Type G (RHMA-G), upgrade curb ramps to current Americans with Disabilities Act (ADA) standards, install guardrail and construct bus pads.	32440 2020-21	R/W: \$476 Con: \$6,250	PA&ED: \$670 PS&E: \$2,523 R/W Sup: \$12 Con Sup: \$1,967	Prior Prior Prior 20-21	PA&ED: 1/30/2020 R/W Cert: 11/5/2020 RTL: 12/15/2020 Begin Con: 9/3/2021
Carryover			Subtotal: \$6,726	\$5,172		
			Total Project Cost:	\$11,898		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 7.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	6.2	0.0	7.4	Lane mile(s)
Post Condition	7.4	0.0	0.0	7.4	Lane mile(s)

07-Los Angeles-27 0.0/18.6 5007 0716000059	In and near the city of Los Angeles, from Pacific Coast Highway (Route 1) to Devonshire Street. Grind and overlay asphalt pavement, and upgrade curb ramps to meet Americans with Disabilities Act (ADA) standards. (G13 Contingency)	32290 2021-22	R/W: \$499 * Con: \$35,550	PA&ED: \$1,593 PS&E: \$4,405 R/W Sup: \$576 * Con Sup: \$5,540	Prior 20-21 20-21 21-22	PA&ED: 3/27/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/1/2022
Carryover			Subtotal: \$36,049	\$12,114		
			Total Project Cost:	\$48,163		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 60.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.4	60.5	0.0	60.9	Lane mile(s)
Post Condition	60.9	0.0	0.0	60.9	Lane mile(s)

2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
07-Los Angeles-101 8.4/11.8 5366 0718000073	In the city of Los Angeles, near Universal City, from south of Mulholland Drive to Route 170. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34630 2023-24	R/W: \$357 Con: \$14,382	PA&ED: \$636 PS&E: \$2,220 R/W Sup: \$41 Con Sup: \$3,356	20-21 21-22 21-22 23-24	PA&ED: 10/29/2021 R/W Cert: 7/4/2023 RTL: 8/3/2023 Begin Con: 3/24/2024	
New			Subtotal: \$14,739 Total Project Cost:	\$6,253 \$20,992			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 32.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.8	29.2	0.3	32.3	Lane mile(s)
Post Condition	32.3	0.0	0.0	32.3	Lane mile(s)

07-Los Angeles-405 0.0/12.8 5484 0718000253	In and near the cities of Long Beach, Signal Hill, Los Angeles, and Carson, from the Orange County line to south of Route 110. Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate Transportation Management System (TMS) elements and replace copper cabling with fiber, rehabilitate culverts, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35320 2023-24	R/W: \$768 * Con: \$68,133	PA&ED: \$2,646 PS&E: \$6,043 R/W Sup: \$703 * Con Sup: \$11,103	20-21 21-22 21-22 23-24	PA&ED: 11/19/2021 R/W Cert: 3/8/2024 RTL: 4/5/2024 Begin Con: 10/25/2024
New			Subtotal: \$68,901 Total Project Cost:	\$20,495 \$89,396		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 118.8 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	115.7	1.6	118.8	Lane mile(s)
Post Condition	118.8	0.0	0.0	118.8	Lane mile(s)

**2020 SHOPP Project List
Los Angeles
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 20.2/26.0 5029 0716000085	In the cities of Irwindale and Baldwin Park, from Route 10 Interchange to the end of the freeway at Route 210. Grind mainline pavement and replace damaged slabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or Individual Precast Slab Replacement (IPSR), cold plane and overlay median, shoulders, ramps with Hot Mix Asphalt (HMA), construct additional lane on southbound Arrow Highway offramp/modify signal, install and upgrade guardrail.	32550 2021-22	R/W: \$162 Con: \$16,410	PA&ED: \$1,375 PS&E: \$6,856 R/W Sup: \$138 Con Sup: \$4,916	Prior Prior Prior 21-22	PA&ED: 12/6/2018 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 9/6/2022
Carryover			Subtotal: \$16,572 Total Project Cost:	\$13,285 \$29,857		
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 39.9 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.2	29.6	0.1	39.9	Lane mile(s)
Post Condition	39.9	0.0	0.0	39.9	Lane mile(s)

07-Los Angeles-14 R60.7/R77.0 4887 0715000194	In and near Palmdale and Lancaster, from Avenue P-8 to the Kern County line. Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors.	31600 2020-21	R/W: \$210 Con: \$126,660	PA&ED: \$3,000 PS&E: \$21,200 R/W Sup: \$280 Con Sup: \$18,600	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 2/8/2021 RTL: 3/15/2021 Begin Con: 1/10/2022
Carryover			Subtotal: \$126,870 Total Project Cost:	\$43,080 \$169,950		
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 79.9 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	22.7	56.2	1.0	79.9	Lane mile(s)
Post Condition	79.9	0.0	0.0	79.9	Lane mile(s)

**2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 31.6/41.4 5382 0718000123 New	In and near the city of Los Angeles, from Wilshire Boulevard to Victory Boulevard. Rehabilitate roadway, rehabilitate culverts, replace bridge approach/departure slabs, replace overhead sign structures and sign panels, upgrade Transportation Management System (TMS) elements, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	34790 2022-23	R/W: \$311 Con: \$123,614	PA&ED: \$2,174 PS&E: \$8,245 R/W Sup: \$200 Con Sup: \$19,281	20-21 21-22 21-22 22-23	PA&ED: 3/18/2021 R/W Cert: 2/21/2023 RTL: 3/21/2023 Begin Con: 11/6/2023
			Subtotal: \$123,925	\$29,900		
			Total Project Cost:	\$153,825		
<i>SBI Baseline Agreement Required</i>						
				Program	201.122 Roadway Rehabilitation (2R)	
				Project Output(s)	91.6 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	7.4	71.7	12.5	91.6	Lane mile(s)
Post Condition	91.6	0.0	0.0	91.6	Lane mile(s)

07-Los Angeles-605 R0.0/R10.4 4979 0716000033 Carryover	In various cities, from Orange County line to 0.1 mile north of Telegraph Road; also on Route 91 from 0.2 mile west of Route 605 to Route 605 (PM R16.63/R16.83). Pavement rehabilitation consisting of full structural section replacement and damaged slab replacement. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and apply High Friction Surface Treatment (HFST) onramps and connectors. (G13 Contingency)	32030 2021-22	R/W: \$590 * Con: \$49,434	PA&ED: \$1,960 PS&E: \$8,100 R/W Sup: \$150 * Con Sup: \$13,620	Prior Prior Prior 21-22	PA&ED: 6/19/2019 R/W Cert: 11/15/2021 RTL: 12/30/2021 Begin Con: 9/30/2022
			Subtotal: \$50,024	\$23,830		
			Total Project Cost:	\$73,854		
<i>* Construction Capital and * Construction Support phases are NOT authorized</i>						
				Program	201.122 Roadway Rehabilitation (2R)	
				Project Output(s)	95.8 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	31.4	62.4	2.0	95.8	Lane mile(s)
Post Condition	95.8	0.0	0.0	95.8	Lane mile(s)

**2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R10.2/20.2 5521 0719000026	In and near Santa Fe Springs, Whittier, Pico Rivera, Industry, and Baldwin Park, from Telegraph Road to Route 10. Rehabilitate roadway, apply High Friction Surface Treatment (HFST), upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, upgrade signs, enhance highway worker safety, and rehabilitate landscaping. (G13 Contingency)	35660 2022-23	R/W: \$851 * Con: \$169,740	PA&ED: \$3,096 PS&E: \$11,183 R/W Sup: \$447 * Con Sup: \$23,131	20-21 21-22 21-22 22-23	PA&ED: 8/10/2021 R/W Cert: 2/1/2023 RTL: 3/4/2023 Begin Con: 9/24/2023
New			Subtotal: \$170,591	\$37,857		
			Total Project Cost:	\$208,448		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	93.2 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	57.4	25.4	93.2	Lane mile(s)
Post Condition	93.2	0.0	0.0	93.2	Lane mile(s)

07-Los Angeles-1 37.7/62.8 4846 0715000090	In the cities of Los Angeles and Malibu, from 0.4 mile south of Temescal Canyon Road to Ventura County line; also in Ventura County, from Los Angeles County line to 0.1 mile north of Tonga Street (PM 0.0/0.9). Rehabilitate culverts.	31350 2020-21	R/W: \$14,353 Con: \$20,900	PA&ED: \$1,950 PS&E: \$4,168 R/W Sup: \$2,583 Con Sup: \$5,000	Prior Prior Prior 20-21	PA&ED: 4/8/2019 R/W Cert: 6/1/2021 RTL: 6/14/2021 Begin Con: 1/14/2022
Carryover			Subtotal: \$35,253	\$13,701		
			Total Project Cost:	\$48,954		
			Program	201.151 Drainage System Restoration		
			Project Output(s)	17 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	374.0	2,257.0	2,631.0	Linear feet
Post Condition	2,631.0	0.0	0.0	2,631.0	Linear feet

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 14.2/57.5 5509 0719000010	In and near the cities of Los Angeles, Glendale, La Canada Flintridge, and Pasadena, from east of Allesandro Street to the Mount Waterman ski lifts.	35540 2022-23	R/W: \$10 Con: \$10,391	PA&ED: \$1,246 PS&E: \$2,968 R/W Sup: \$13 Con Sup: \$2,973	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 11/7/2022 RTL: 12/5/2022 Begin Con: 8/28/2023
New	Rehabilitate drainage systems, enhance highway worker safety, and upgrade guardrail to concrete barrier.		Subtotal: \$10,401 Total Project Cost:	\$7,200 \$17,601		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,239.3	827.4	3,066.7	Linear feet
Post Condition	3,066.7	0.0	0.0	3,066.7	Linear feet

07-Los Angeles-2 68.1/82.1 5397 0718000155	Near Big Pines, from 1.3 miles west of Dawson Saddle to the San Bernardino County line. Rehabilitate culverts.	34900 2022-23	R/W: \$10 Con: \$2,136	PA&ED: \$894 PS&E: \$1,729 R/W Sup: \$196 Con Sup: \$1,046	20-21 21-22 21-22 22-23	PA&ED: 8/13/2021 R/W Cert: 2/28/2023 RTL: 3/29/2023 Begin Con: 12/8/2023
New			Subtotal: \$2,146 Total Project Cost:	\$3,865 \$6,011		

Program 201.151 Drainage System Restoration
Project Output(s) 16 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	481.0	1,102.0	1,583.0	Linear feet
Post Condition	1,583.0	0.0	0.0	1,583.0	Linear feet

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 19.8/36.0 5024 0716000079	In various cities, on Route 5 (PM 19.75/35.99), Route 10 (PM 22.32/23.88), Route 91 (PM R11.80), Route 605 (PM R14.07) and Route 710 (PM 18.7/21.01). Replace pumps with submersible pumps.	32490 2020-21	R/W: \$14 Con: \$5,946	PA&ED: \$254 PS&E: \$1,075 R/W Sup: \$73 Con Sup: \$1,110	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 12/31/2020 RTL: 2/26/2021 Begin Con: 11/30/2021
Carryover			Subtotal: \$5,960	\$2,512		
			Total Project Cost:	\$8,472		

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Pump plant(s) (ea)
Post Condition	15.0	0.0	0.0	15.0	Pump plant(s) (ea)

07-Los Angeles-5 R60.0/R75.0 5440 0718000220	Near Castaic, from north of Lake Hughes Road to north of Vista Del Lago Road. Rehabilitate culverts.	35230 2023-24	R/W: \$567 Con: \$10,710	PA&ED: \$1,217 PS&E: \$2,494 R/W Sup: \$242 Con Sup: \$2,725	20-21 21-22 21-22 23-24	PA&ED: 10/26/2021 R/W Cert: 7/4/2023 RTL: 8/1/2023 Begin Con: 2/3/2024
New			Subtotal: \$11,277	\$6,678		
			Total Project Cost:	\$17,955		

Program 201.151 Drainage System Restoration
Project Output(s) 29 Culvert(s) (ea)

Primary Asset

<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>	
Existing Condition	0.0	2,195.4	1,997.3	4,192.7	Linear feet
Post Condition	4,192.7	0.0	0.0	4,192.7	Linear feet

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 R4.7/14.1 5547 0719000111	In the cities of Santa Monica and Los Angeles, from east of Bundy Drive to west of Hoover Street. Rehabilitate culverts.	35840 2023-24	R/W: \$10 Con: \$6,613	PA&ED: \$609 PS&E: \$1,615 R/W Sup: \$25 Con Sup: \$1,694	20-21 21-22 21-22 23-24	PA&ED: 11/30/2021 R/W Cert: 7/14/2023 RTL: 8/18/2023 Begin Con: 5/10/2024
New			Subtotal: \$6,623	\$3,943		
			Total Project Cost:	\$10,566		

Program 201.151 Drainage System Restoration
Project Output(s) 12 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	6.0	679.6	76.1	761.7	Linear feet
Post Condition	761.7	0.0	0.0	761.7	Linear feet

07-Los Angeles-103 0.1 5043 0716000126	In Long Beach, at Henry Ford Avenue offramp. Construct larger pump plant facility including replacing undersized pumps.	32730 2020-21	R/W: \$1,646 Con: \$22,593	PA&ED: \$1,198 PS&E: \$2,586 R/W Sup: \$420 Con Sup: \$3,954	Prior Prior Prior 20-21	PA&ED: 12/20/2019 R/W Cert: 12/1/2020 RTL: 2/16/2021 Begin Con: 2/28/2022
Carryover			Subtotal: \$24,239	\$8,158		
			Total Project Cost:	\$32,397		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Pump plant(s) (ea)
Post Condition	1.0	0.0	0.0	1.0	Pump plant(s) (ea)

2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R13.0/R13.9 5506 0719000004	In the city of Los Angeles, near Pacoima, from east of Herrick Avenue to west of Foothill Boulevard. Rehabilitate culverts.	35500 2023-24	R/W: \$272 Con: \$2,537	PA&ED: \$511 PS&E: \$1,679 R/W Sup: \$51 Con Sup: \$1,318	20-21 21-22 23-24 23-24	PA&ED: 1/18/2022 R/W Cert: 8/2/2023 RTL: 9/1/2023 Begin Con: 4/28/2024
New			Subtotal: \$2,809	\$3,559		
			Total Project Cost:	\$6,368		

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	375.0	837.0	1,212.0	Linear feet
Post Condition	1,212.0	0.0	0.0	1,212.0	Linear feet

07-Los Angeles-210 R38.9 5516 0719000020	In Azusa, at North Vernon Avenue. Upgrade pump plant.	35610 2023-24	R/W: \$17 Con: \$1,611	PA&ED: \$364 PS&E: \$1,017 R/W Sup: \$77 Con Sup: \$789	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 9/28/2023 RTL: 11/1/2023 Begin Con: 6/24/2024
New			Subtotal: \$1,628	\$2,247		
			Total Project Cost:	\$3,875		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Pump plant(s) (ea)
Post Condition	1.0	0.0	0.0	1.0	Pump plant(s) (ea)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 9.6/T32.1 5374 0718000092	In Long Beach and Pasadena, at various locations. Rehabilitate pump plants.	34700 2022-23	R/W: \$66 Con: \$4,822	PA&ED: \$909 PS&E: \$1,912 R/W Sup: \$316 Con Sup: \$1,861	20-21 21-22 21-22 22-23	PA&ED: 3/15/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 3/1/2023
New			Subtotal: \$4,888	\$4,998		
			Total Project Cost:	\$9,886		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Pump plant(s) (ea)
Post Condition	4.0	0.0	0.0	4.0	Pump plant(s) (ea)

07-Los Angeles-5 R44.8/R45.9 5489 0718000306	In the city of Los Angeles, near Sylmar at Truck Undercrossing Tunnels No. 53-1959 and No. 53-1983. Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install Transportation Management System (TMS) elements.	35380 2023-24	R/W: \$20 Con: \$16,687	PA&ED: \$746 PS&E: \$2,094 R/W Sup: \$67 Con Sup: \$4,034	20-21 21-22 21-22 23-24	PA&ED: 8/31/2021 R/W Cert: 7/31/2023 RTL: 8/31/2023 Begin Con: 5/31/2024
New			Subtotal: \$16,707	\$6,941		
			Total Project Cost:	\$23,648		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,108 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,108.0	1,108.0	Each
Post Condition	1,108.0	0.0	0.0	1,108.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 42.3/48.3 5201 0716000363	In Pomona and Claremont, from Route 57 to the San Bernardino County line (PM 48.265). Replace overhead signs.	33530 2020-21	R/W: \$10 Con: \$3,627	PA&ED: \$588 PS&E: \$2,700 R/W Sup: \$60 Con Sup: \$1,594	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 10/1/2020 RTL: 10/16/2020 Begin Con: 5/14/2021
<i>Carryover</i>			Subtotal: \$3,637	\$4,942		
			Total Project Cost:	\$8,579		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 61 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61.0	61.0	Each
Post Condition	61.0	0.0	0.0	61.0	Each

07-Los Angeles-91 6.0/R20.7 5370 0718000075	In the cities of Los Angeles, Carson, Compton, Long Beach, Bellflower, Cerritos, and Artesia, from Vermont Avenue to the Orange County line (PM 6.012/20.741). Upgrade overhead signs and sign structures, rehabilitate landscaping, and enhance highway worker safety.	34650 2023-24	R/W: \$107 Con: \$23,877	PA&ED: \$1,659 PS&E: \$2,851 R/W Sup: \$23 Con Sup: \$5,336	20-21 21-22 21-22 23-24	PA&ED: 12/4/2021 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/30/2024
<i>New</i>			Subtotal: \$23,984	\$9,869		
			Total Project Cost:	\$33,853		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 12 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	12.0	0.0	0.0	12.0	Each

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-105 R2.1 5507 0719000005 New	Near Los Angeles International Airport (LAX), at three connector tunnels with Route 405. Replace existing lighting with Light Emitting Diode (LED) lighting and add Transportation Management System (TMS) elements.	35510 2022-23	R/W: \$20 Con: \$22,161	PA&ED: \$991 PS&E: \$2,569 R/W Sup: \$117 Con Sup: \$4,519	20-21 21-22 21-22 22-23	PA&ED: 4/22/2021 R/W Cert: 9/15/2022 RTL: 10/30/2022 Begin Con: 7/31/2023
			Subtotal: \$22,181	\$8,196		
			Total Project Cost:	\$30,377		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,100 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,100.0	1,100.0	Each
Post Condition	1,100.0	0.0	0.0	1,100.0	Each

07-Los Angeles-110 0.0/31.9 5074 0716000206 Carryover	In various cities, from 9th Street/Gaffey Street to end of freeway. Replace sign panels with retroreflective sheeting, remove overhead lighting and catwalks.	32980 2020-21	R/W: \$10 Con: \$5,360	PA&ED: \$418 PS&E: \$2,342 R/W Sup: \$21 Con Sup: \$1,573	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 2/12/2021 RTL: 3/18/2021 Begin Con: 10/26/2021
			Subtotal: \$5,370	\$4,354		
			Total Project Cost:	\$9,724		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 500 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	500.0	500.0	Each
Post Condition	500.0	0.0	0.0	500.0	Each

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

07-Los Angeles-22 1.3 5613 0719000264	In Long Beach, at Studebaker Road. Financial Contribution Only (FCO) to city of Long Beach to realign entrance and exit ramps at a new intersection at Studebaker Road and relinquish right-of-way (R/W) along the original alignment of the ramps to Long Beach.	35980 2022-23	R/W: Con: \$1,900	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: 5/28/2021 R/W Cert: 6/1/2022 RTL: 7/1/2022 Begin Con: 3/30/2023
New			Subtotal: \$1,900	Total Project Cost:	\$1,900	

Program 201.310 Operational Improvements
Project Output(s) 112.0 Daily vehicle hour(s) of delay (DVHD)

07-Los Angeles-110 31.0/31.0 5196 0716000355	In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp. Widen ramp from two lanes to four lanes. The city of South Pasadena will Advertise, Award, and Administer (AAA) the project construction contract.	33520 2021-22	R/W: Con:	PA&ED: \$1,400 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 7/15/2021 R/W Cert: 3/25/2022 RTL: 3/31/2022 Begin Con: 9/21/2022
Carryover			Subtotal:	\$1,400		
			Total Project Cost:	\$1,400		

Program 201.310 Operational Improvements
Project Output(s) 64.0 Daily vehicle hour(s) of delay (DVHD)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 39.1 2681 0717000022	In the city of Los Angeles, in the neighborhood of Sherman Oaks, at the southbound onramp from Ventura Boulevard. Widen the onramp to two lanes plus a High Occupancy Vehicle (HOV) lane.	20490 2021-22	R/W: \$29 Con: \$3,120	PA&ED: \$785 PS&E: \$1,918 R/W Sup: \$141 Con Sup: \$1,343	Prior 20-21 20-21 21-22	PA&ED: 3/23/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/15/2022
Carryover			Subtotal: \$3,149	\$4,187		
			Total Project Cost:	\$7,336		

Program 201.310 Operational Improvements
Project Output(s) 12.5 Daily vehicle hour(s) of delay (DVHD)

07-Los Angeles-1 0.2/13.4 5408 0718000180	In Los Angeles County, on various routes at various locations. Upgrade existing fiber communication system and rehabilitate Transportation Management System (TMS) elements, including video cameras, ramp meters, and Changeable Message Signs (CMS).	35040 2023-24	R/W: \$12 Con: \$8,956	PA&ED: \$676 PS&E: \$2,077 R/W Sup: \$47 Con Sup: \$2,924	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 1/30/2025
New			Subtotal: \$8,968	\$5,724		
			Total Project Cost:	\$14,692		

Program 201.315 Transportation Management Systems
Project Output(s) 112 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	112	Field element(s)
Post Condition	100.0%	0.0%	112	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 R34.5/35.2 5041 0716000121	In and near Santa Monica, from Lincoln Boulevard to McClure Tunnel; also on Route 10 (PM 2.1/18.3), Route 2 (PM R18.7), Route 101 (PM 11.8), and Route 105 (PM R1.95). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) and communication hubs at Route 10, Route 101 and Route 105.	32720 2020-21	R/W: \$327 Con: \$17,264	PA&ED: \$539 PS&E: \$3,159 R/W Sup: \$43 Con Sup: \$3,284	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 8/21/2020 RTL: 10/21/2020 Begin Con: 5/21/2021
<i>Carryover</i>			Subtotal: \$17,591 Total Project Cost:	\$7,025 \$24,616		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	129 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	129	Field element(s)
Post Condition	100.0%	0.0%	129	Field element(s)

07-Los Angeles-2 15.0/R23.2 5412 0718000186	In Los Angeles and Ventura Counties, at various locations. Upgrade Closed Circuit Television (CCTV) cameras, enhance highway worker safety, construct concrete barriers and guardrail, install crash cushions, and install retaining walls.	35110 2023-24	R/W: \$396 Con: \$16,894	PA&ED: \$962 PS&E: \$4,276 R/W Sup: \$59 Con Sup: \$5,852	20-21 21-22 21-22 23-24	PA&ED: 1/31/2022 R/W Cert: 2/29/2024 RTL: 3/31/2024 Begin Con: 11/30/2024
<i>New</i>			Subtotal: \$17,290 Total Project Cost:	\$11,149 \$28,439		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	233 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	233	Field element(s)
Post Condition	100.0%	0.0%	233	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 16.3/81.0 5413 0718000179	In Los Angeles and Ventura Counties, at various locations. Upgrade Changeable Message Signs (CMS), upgrade overhead sign structures, construct guardrail, and enhance highway worker safety.	35030 2023-24	R/W: \$1,465 * Con: \$87,493	PA&ED: \$2,102 PS&E: \$10,585 R/W Sup: \$364 * Con Sup: \$16,686	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/1/2024
New	(G13 Contingency)		Subtotal: \$88,958	\$29,737		
			Total Project Cost:	\$118,695		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.315 Transportation Management Systems		
			Project Output(s)	133 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	133	Field element(s)
Post Condition	100.0%	0.0%	133	Field element(s)

07-Los Angeles-2 R18.7 5407 0718000178	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway.	35020 2022-23	R/W: \$10 Con: \$2,948	PA&ED: \$409 PS&E: \$927 R/W Sup: \$11 Con Sup: \$1,048	20-21 20-21 20-21 22-23	PA&ED: 1/29/2021 R/W Cert: 7/1/2022 RTL: 8/1/2022 Begin Con: 3/20/2023
New	Update traffic management software to integrate Adaptive Traffic Signal Control (ATSC), video camera control, and to manage the Dynamic Lane Management System (DLMS) message signs.		Subtotal: \$2,958	\$2,395		
			Total Project Cost:	\$5,353		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	0 Field element(s)		

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 R18.7 5409 0718000181	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Update video wall in LARMTTC, upgrade networking equipment, and upgrade traffic management software.	35060 2022-23	R/W: \$10 Con: \$5,254	PA&ED: \$632 PS&E: \$1,942 R/W Sup: \$53 Con Sup: \$1,337	20-21 20-21 20-21 22-23	PA&ED: 2/28/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 11/1/2023
New			Subtotal: \$5,264 Total Project Cost:	\$3,964 \$9,228		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

07-Los Angeles-5 R5.5/85.7 5395 0718000149	In Los Angeles and Ventura Counties, on various routes at various locations. Install and upgrade video cameras, install guardrail, and install Maintenance Vehicle Pullouts (MVPs).	34880 2022-23	R/W: \$262 Con: \$11,109	PA&ED: \$805 PS&E: \$2,879 R/W Sup: \$280 Con Sup: \$3,827	20-21 21-22 21-22 22-23	PA&ED: 4/30/2021 R/W Cert: 1/1/2023 RTL: 2/28/2023 Begin Con: 1/2/2024
New			Subtotal: \$11,371 Total Project Cost:	\$7,791 \$19,162		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	18	Field element(s)
Post Condition	100.0%	0.0%	28	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-60 R0.6/11.8 5040 0716000120	In and near the city of Los Angeles, from eastbound Route 60/5 Separation to Route 605; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 10 (PM 18.3), and Route 605 (PM 20.2). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) on Route 2, Route 5, Route 10, and Route 605.	32710 2020-21	R/W: \$153 Con: \$6,674	PA&ED: \$30 PS&E: \$1,028 R/W Sup: \$45 Con Sup: \$1,450	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 10/9/2020 RTL: 11/5/2020 Begin Con: 8/19/2021
<i>Carryover</i>			Subtotal: \$6,827 Total Project Cost: \$9,380	\$2,553		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	62 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	62	Field element(s)
Post Condition	100.0%	0.0%	62	Field element(s)

07-Los Angeles-91 R6.1/R20.7 5226 0717000060	In and near Carson, from Route 110 to Orange County line; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 405 (PM 21.1). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the various communication hubs on Route 2, Route 5, and Route 405.	33860 2021-22	R/W: \$267 Con: \$16,390	PA&ED: \$511 PS&E: \$2,630 R/W Sup: \$150 Con Sup: \$4,749	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 1/14/2022 RTL: 3/1/2022 Begin Con: 1/13/2023
<i>Carryover</i>			Subtotal: \$16,657 Total Project Cost: \$24,697	\$8,040		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	77 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	75	Field element(s)
Post Condition	100.0%	0.0%	77	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 0.0/R17.1 5221 0717000054	In various cities, from Routes 5/10 to Route 405, Route 2 at Route 134 (PM R18.7) and Route 10 at Route 5/10 (PM 18.3). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33780 2021-22	R/W: \$13 Con: \$9,718	PA&ED: \$438 PS&E: \$3,008 R/W Sup: \$162 Con Sup: \$1,863	Prior Prior Prior 21-22	PA&ED: 2/28/2019 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$9,731 Total Project Cost:	\$5,471 \$15,202		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	101 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	101	Field element(s)
Post Condition	100.0%	0.0%	101	Field element(s)

07-Los Angeles-110 R0.7/8.8 5188 0716000346	In the cities of Los Angeles, Wilmington, and Carson, from Gaffey Street to Route 405; also on Route 210 (PM R0.0/R35.8), Route 605 (PM 19.9/26.0), Route 710 (PM 5.0/9.4) and Route 2 (PM R18.7). Install wireless bluetooth detection system to monitor travel time.	33500 2020-21	R/W: \$10 Con: \$1,373	PA&ED: \$40 PS&E: \$200 R/W Sup: Con Sup: \$300	Prior Prior 20-21	PA&ED: 1/29/2019 R/W Cert: 7/21/2020 RTL: 10/21/2020 Begin Con: 4/22/2021
<i>Carryover</i>			Subtotal: \$1,383 Total Project Cost:	\$540 \$1,923		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	76 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	0	Field element(s)
Post Condition	100.0%	0.0%	76	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones	
07-Los Angeles-134 0.0/R13.3 5222 0717000052	In the city of Los Angeles, from Route 170 to Routes 210/710; also on Route 2 at Route 134 (PM R18.7), on Route 10 at Routes 5/10 (PM 18.3), and on Route 101 near Pleasant Valley Road (PM 11.8). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Systems (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33790 2021-22	R/W: \$13 Con: \$7,559	PA&ED: \$454 PS&E: \$2,840 R/W Sup: \$154 Con Sup: \$1,953	Prior Prior Prior 21-22	PA&ED: 12/26/2018 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022	
Carryover			Subtotal: \$7,572	\$5,401			
			Total Project Cost:	\$12,973			
					Program 201.315 Transportation Management Systems Project Output(s) 69 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	69	Field element(s)
Post Condition	100.0%	0.0%	69	Field element(s)

07-Los Angeles-170 R14.5/R20.5 5401 0718000161	In the city of Los Angeles, near North Hollywood, from Route 134 to Route 5. Rehabilitate and install new Transportation Management System (TMS) elements, install guardrail, and enhance highway worker safety.	34950 2022-23	R/W: \$232 Con: \$10,636	PA&ED: \$702 PS&E: \$2,885 R/W Sup: \$215 Con Sup: \$2,393	20-21 21-22 21-22 22-23	PA&ED: 8/1/2021 R/W Cert: 11/14/2022 RTL: 3/28/2023 Begin Con: 12/1/2023	
New			Subtotal: \$10,868	\$6,195			
			Total Project Cost:	\$17,063			
					Program 201.315 Transportation Management Systems Project Output(s) 17 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	6	Field element(s)
Post Condition	100.0%	0.0%	17	Field element(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R43.9/R46.7 5400 0718000158	In Los Angeles County, on various routes at various locations. Rehabilitate Transportation Management System (TMS) elements, install guardrail, and improve highway worker safety.	34910 2022-23	R/W: \$28 Con: \$5,544	PA&ED: \$529 PS&E: \$1,839 R/W Sup: \$196 Con Sup: \$2,277	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 12/1/2022 RTL: 1/15/2023 Begin Con: 8/20/2023
New			Subtotal: \$5,572 Total Project Cost:	\$4,841 \$10,413		

Program 201.315 Transportation Management Systems
Project Output(s) 13 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	12	Field element(s)
Post Condition	100.0%	0.0%	13	Field element(s)

07-Los Angeles-405 19.3/26.0 5410 0719000039	In Los Angeles County, on various routes at various locations. Rehabilitate and add new Transportation Management System (TMS) elements and upgrade the communication system at the Los Angeles Regional Transportation Management Center (LARTMC).	35070 2023-24	R/W: \$66 Con: \$29,854	PA&ED: \$3,076 PS&E: \$6,377 R/W Sup: \$73 Con Sup: \$7,227	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 9/19/2023 RTL: 10/19/2023 Begin Con: 7/23/2024
New			Subtotal: \$29,920 Total Project Cost:	\$16,753 \$46,673		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 152 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	43	Field element(s)
Post Condition	100.0%	0.0%	152	Field element(s)

2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 5.0/9.5 5357 0718000065 New	In Los Angeles County, on various routes at various locations. Rehabilitate and install new Transportation Management System (TMS) elements and upgrade communication systems.	34510 2022-23	R/W: \$406 Con: \$15,559	PA&ED: \$873 PS&E: \$3,505 R/W Sup: \$312 Con Sup: \$3,541	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 2/1/2024
			Subtotal: \$15,965	\$8,231		
			Total Project Cost:	\$24,196		

Program 201.315 Transportation Management Systems
Project Output(s) 16 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	8	Field element(s)
Post Condition	100.0%	0.0%	16	Field element(s)

07-Los Angeles-5 R54.4/R54.8 5071 0716000183 Carryover	In Santa Clarita, from 0.4 mile north of Rye Canyon Road to 1.4 miles south of Route 5/126 Interchange at the northbound Castaic Commercial Vehicle Enforcement Facility (CVEF) (weigh station). Replace office structure and inspection enclosure.	32880 2020-21	R/W: \$36 Con: \$1,340	PA&ED: \$550 PS&E: \$2,000 R/W Sup: \$20 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 9/16/2019 R/W Cert: 7/20/2020 RTL: 8/20/2020 Begin Con: 5/14/2021
			Subtotal: \$1,376	\$3,770		
			Total Project Cost:	\$5,146		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

07-Los Angeles-10 R2.2/R4.9 5378 0718000098	In the cities of Santa Monica and Los Angeles, from Lincoln Boulevard to Gateway Boulevard. Rehabilitate landscaping and irrigation system.	34750 2022-23	R/W: \$384 Con: \$2,444	PA&ED: \$499 PS&E: \$1,339 R/W Sup: \$211 Con Sup: \$1,260	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/1/2022 RTL: 11/15/2022 Begin Con: 7/14/2023
			Subtotal: \$2,828	\$3,309		
New			Total Project Cost:	\$6,137		

Program 201.210 Highway Planting Restoration
Project Output(s) 22.5 Acre(s)

07-Los Angeles-210 R15.6/R17.4 5080 0716000217	In and near Glendale, from Lowell Avenue to La Crescenta Avenue. Restore existing irrigation to functionality, upgrade booster pump and remaining older irrigation controllers to web connect "smart controllers."	33070 2020-21	R/W: \$29 Con: \$4,190	PA&ED: \$375 PS&E: \$1,077 R/W Sup: \$20 Con Sup: \$1,383	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 10/14/2020 RTL: 12/18/2020 Begin Con: 8/20/2021
			Subtotal: \$4,219	\$2,855		
Carryover			Total Project Cost:	\$7,074		

Program 201.210 Highway Planting Restoration
Project Output(s) 27.0 Acre(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

07-Los Angeles-5 R59.5/R68.1 5013 0716000064	Near Castaic, from Lake Hughes Road Undercrossing to 2.1 miles north of Templin Highway. Replace approach slabs, upgrade drainage systems and guardrail, and repair and stabilize slope by performing rock scaling, installing geogrid and rockfall net, and constructing soldier pile wall.	32340 2020-21	R/W: \$10 Con: \$34,000	PA&ED: \$100 PS&E: \$6,000 R/W Sup: \$250 Con Sup: \$6,800	Prior Prior Prior 20-21	PA&ED: 3/28/2018 R/W Cert: 11/6/2020 RTL: 1/29/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$34,010	\$13,150		
			Total Project Cost:	\$47,160		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

07-Los Angeles-14 R29.2/R29.4 5237 0717000157	In Santa Clarita, from 1.1 mile north of Placerita Canyon Road to 0.2 mile south of Golden Valley Road. Regrade slopes, construct drainage ditches and install erosion control system.	33960 2021-22	R/W: \$36 Con: \$24,600	PA&ED: \$1,090 PS&E: \$2,720 R/W Sup: \$49 Con Sup: \$3,750	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$24,636	\$7,609		
			Total Project Cost:	\$32,245		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

07-Los Angeles-90 2.5 5500 0718000356	In Culver City, at the Culver City Maintenance Station at 5650 Selmaraine Drive. Demolish two deteriorating buildings, construct one new building, and construct a wash rack.	35480 2022-23	R/W: \$10 Con: \$4,475	PA&ED: \$461 PS&E: \$1,843 R/W Sup: \$28 Con Sup: \$2,495	20-21 21-22 21-22 22-23	PA&ED: 3/31/2021 R/W Cert: 2/28/2023 RTL: 3/31/2023 Begin Con: 11/3/2023
			Subtotal: \$4,485	\$4,827		
New			Total Project Cost:	\$9,312		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,300.0	1,300.0	Square feet
Post Condition	4,429.0	0.0	0.0	4,429.0	Square feet

07-Los Angeles-105 R2.0 5511 0719000014	In the city of Los Angeles, near Hawthorne, at 5200 West Imperial Highway. Construct a Maintenance Equipment Training Center (METC).	35560 2023-24	R/W: \$17 Con: \$9,262	PA&ED: \$693 PS&E: \$2,280 R/W Sup: \$15 Con Sup: \$2,542	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
			Subtotal: \$9,279	\$5,530		
New			Total Project Cost:	\$14,809		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	9,411.0	0.0	0.0	9,411.0	Square feet

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.2 5545 0719000107	In Long Beach, at the Pacific Place Maintenance Station at 3725 Pacific Place. Replace a deteriorated building with a new building at the maintenance station.	35820 2022-23	R/W: \$22 Con: \$2,335	PA&ED: \$661 PS&E: \$1,875 R/W Sup: \$89 Con Sup: \$1,551	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 3/1/2023 RTL: 3/24/2023 Begin Con: 1/31/2024
New			Subtotal: \$2,357 Total Project Cost:	\$4,176 \$6,533		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,323.0	1,323.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

MULTIPLE OBJECTIVE

07-Los Angeles-5 0.8 5159 0716000301	In Kern County, at the Tejon Safety Roadside Rest Area (SRRA) (PM 0.8). Install pilot solar energy system on roadway to provide electric power to SRRA.	33320 2020-21	R/W: \$61 Con: \$2,739	PA&ED: \$500 PS&E: \$1,500 R/W Sup: \$20 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 6/27/2019 R/W Cert: 4/19/2021 RTL: 5/17/2021 Begin Con: 12/6/2021
Carryover			Subtotal: \$2,800 Total Project Cost:	\$3,120 \$5,920		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Los Angeles County

				R/W: \$135,237	PA&ED: \$140,871	
				Const: \$1,900,480	PS&E: \$395,238	
					R/W Sup: \$40,477	
					Con Sup: \$463,910	
				<hr/>		
				Subtotal: \$2,035,717	\$1,040,496	
				Total (Capital + Support):	\$3,076,213	

2020 SHOPP Project List
Madera
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Madera-99 R7.0/R7.5 6857 0616000207	Near the city of Madera, at Cottonwood Creek Bridge No. 41 -065R, No. 41-0065L and No. 41-0065S. Replace bridges to mitigate corrosion by chloride latent concrete.	0V120 2021-22	R/W: \$172 * Con: \$24,500	PA&ED: \$2,400 PS&E: \$3,200 R/W Sup: \$100 * Con Sup: \$6,100	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/7/2021 RTL: 7/26/2021 Begin Con: 3/2/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$24,672	\$11,800		
			Total Project Cost:	\$36,472		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition		16,630.0	9,537.0	26,167.0	Square feet
Post Condition	40,356.0	0.0	0.0	40,356.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 41-0065L	Poor	Good
Bridge No. 41-0065R	Fair	Good
Bridge No. 41-0065S	Fair	Good

ROADWAY PRESERVATION

06-Madera-41 6.3/9.2 6708 0614000058	Near Fresno, from north of Avenue 15 to south of Route 145. Roadway rehabilitation.	0R210 2020-21	R/W: \$4,200 Con: \$13,900	PA&ED: \$2,463 PS&E: \$2,390 R/W Sup: \$1,296 Con Sup: \$3,000	Prior 20-21 20-21 20-21	PA&ED: 5/13/2020 R/W Cert: 5/1/2021 RTL: 5/3/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$18,100	\$9,149		
			Total Project Cost:	\$27,249		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.5	5.5	0.0	6.0	Lane mile(s)
Post Condition	6.0	0.0	0.0	6.0	Lane mile(s)

2020 SHOPP Project List
Madera
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Madera-145 8.0/12.0 7005 0619000005	In and near the city of Madera, from south of Avenue 13 to 1.0 mile north of Tozer Street. Rehabilitate pavement, install Transportation Management System (TMS) elements, construct rumble strips, replace signs, and rehabilitate drainage systems.	0Y180 2022-23	R/W: \$165 Con: \$9,400	PA&ED: \$800 PS&E: \$1,275 R/W Sup: \$340 Con Sup: \$1,450	20-21 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 3/2/2023 Begin Con: 10/15/2023
New			Subtotal: \$9,565	\$3,865		
			Total Project Cost:	\$13,430		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 10.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	9.1	0.0	10.8	Lane mile(s)
Post Condition	10.8	0.0	0.0	10.8	Lane mile(s)

Madera County

R/W:	\$4,537	PA&ED:	\$5,663
Const:	\$47,800	PS&E:	\$6,865
		R/W Sup:	\$1,736
		Con Sup:	\$10,550
Subtotal:	\$52,337		\$24,814
Total (Capital + Support):			\$77,151

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Marin-1 10.7/11.0 2032Q 0419000480	Near Stinson Beach, from 1.5 miles south to 1.2 miles south of Panoramic Highway North. Four-year mitigation plant establishment and monitoring for emergency projects EA 4K240 and EA 4S220.	0AA48 2020-21	R/W: \$31 Con: \$1,132	PA&ED: PS&E: \$227 R/W Sup: \$84 Con Sup: \$336	Prior Prior 20-21	PA&ED: 2/22/2017 R/W Cert: 3/30/2021 RTL: 3/30/2021 Begin Con: 9/8/2021
<i>Carryover</i>			Subtotal: \$1,163	\$647		
			Total Project Cost:	\$1,810		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Marin-1 22.8 2032E 0419000476	Near Five Brooks, at Giacomini Creek Bridge No. 27-0122. Four-year mitigation plant establishment for emergency project EA 4K850.	0AA44 2020-21	R/W: \$15 Con: \$848	PA&ED: PS&E: \$400 R/W Sup: \$53 Con Sup: \$650	Prior Prior 20-21	PA&ED: 7/25/2018 R/W Cert: 1/8/2021 RTL: 1/15/2021 Begin Con: 5/25/2021
<i>Carryover</i>			Subtotal: \$863	\$1,103		
			Total Project Cost:	\$1,966		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Marín-101 13.7 1495K 0416000141	In San Rafael, at Manuel T Freitas Parkway. Upgrade curb ramps, sidewalk, and other facilities to make compliant with Americans with Disabilities Act (ADA) standards.	0K800 2021-22	R/W: \$125 Con: \$2,239	PA&ED: \$300 PS&E: \$850 R/W Sup: \$120 Con Sup: \$850	Prior Prior Prior 21-22	PA&ED: 6/3/2019 R/W Cert: 3/5/2021 RTL: 7/2/2021 Begin Con: 11/24/2021
Carryover			Subtotal: \$2,364	\$2,120		
			Total Project Cost:	\$4,484		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 8 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

BRIDGE PRESERVATION

04-Marín-37 14.5 0332C 0419000019	Near Novato, at Petaluma River Bridge No. 27-0013. Rehabilitate bridge deck, upgrade railings, replace fender system, and mitigate bridge scour.	2Q500 2023-24	R/W: \$130 * Con: \$32,040	PA&ED: \$1,810 PS&E: \$3,630 R/W Sup: \$110 * Con Sup: \$7,030	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 6/30/2024 Begin Con: 2/7/2025
New	(G13 Contingency)		Subtotal: \$32,170	\$12,580		
			Total Project Cost:	\$44,750		

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	146,830.0	146,830.0	Square feet
Post Condition	146,830.0	0.0	0.0	146,830.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0013	Fair	Fair

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-1 0.4/23.0 2020N 0418000030	Near Mill Valley, Stinson Beach, and Olema, at Coyote Creek Bridge No. 27-0018 (PM 0.42), Eskoot Creek Bridge No. 27-0077 (PM 12.37), Olema Creek Bridge No. 27-0020 (PM 22.81) and Olema Creek Bridge No. 27-0021 (PM 22.96). Upgrade bridge rails.	0P960 2023-24	R/W: \$676 Con: \$8,091	PA&ED: \$1,650 PS&E: \$1,755 R/W Sup: \$444 Con Sup: \$2,065	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$8,767 Total Project Cost:	\$5,914 \$14,681		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 504.0 Linear feet rail
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	504.0	504.0	Linear feet rail
Post Condition	504.0	0.0	0.0	504.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0018	Fair	Fair
Bridge No. 27-0020	Good	Good
Bridge No. 27-0021	Good	Good
Bridge No. 27-0077	Fair	Fair

04-Marín-1 28.5 0756K 0413000350	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0G642 2020-21	R/W: \$6,500 Con: \$11,552	PA&ED: \$4,187 PS&E: \$2,850 R/W Sup: \$750 Con Sup: \$2,500	Prior Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 8/20/2020 RTL: 8/25/2020 Begin Con: 2/26/2021
Carryover			Subtotal: \$18,052 Total Project Cost:	\$10,287 \$28,339		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,413.0	4,413.0	Square feet
Post Condition	7,820.0	0.0	0.0	7,820.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0023	Poor	Good

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-101 7.4 1493E 0416000042	In Corte Madera, at Tamalpais Drive Overcrossing No. 27-0072 (PM 7.37). Bridge seismic restoration and upgrade facilities to Americans with Disabilities Act (ADA) standards.	4J860 2023-24	R/W: \$692 Con: \$16,810	PA&ED: \$2,115 PS&E: \$3,462 R/W Sup: \$169 Con Sup: \$2,957	20-21 22-23 22-23 23-24	PA&ED: 6/30/2022 R/W Cert: 12/29/2023 RTL: 1/31/2024 Begin Con: 8/30/2024
New			Subtotal: \$17,502 Total Project Cost:	\$8,703 \$26,205		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61,570.0	61,570.0	Square feet
Post Condition	61,570.0	0.0	0.0	61,570.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0072	Good	Good

04-Marin-101 11.3 1493K 0416000096	In San Rafael, at Irwin Creek Bridge No. 27-0097. Rehabilitate corrugated metal arch culvert bridge and adjoining deteriorated culvert structures.	0K510 2021-22	R/W: \$944 Con: \$1,903	PA&ED: \$1,100 PS&E: \$880 R/W Sup: \$215 Con Sup: \$610	Prior 20-21 20-21 21-22	PA&ED: 12/2/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/16/2022
Carryover			Subtotal: \$2,847 Total Project Cost:	\$2,805 \$5,652		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,961.0	0.0	3,961.0	Square feet
Post Condition	3,961.0	0.0	0.0	3,961.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0097	Fair	Good

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-Marín-1 22.8/33.0 1480A 0414000403	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road	1J960 2021-22	R/W: \$817 * Con: \$24,545	PA&ED: \$1,320 PS&E: \$2,500 R/W Sup: \$350 * Con Sup: \$2,300	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 4/15/2022 RTL: 4/29/2022 Begin Con: 10/31/2022
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Carryover
(PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities.

Subtotal: \$25,362 \$6,470
Total Project Cost: \$31,832

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.3	20.5	27.8	Lane mile(s)
Post Condition	27.8	0.0	0.0	27.8	Lane mile(s)

04-Marín-37 R11.2/14.6 1452B 0417000018	In and near Novato, from Route 101 to Sonoma County line. Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2K740 2023-24	R/W: \$1,038 Con: \$18,936	PA&ED: \$2,509 PS&E: \$2,405 R/W Sup: \$350 Con Sup: \$1,600	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 4/12/2024 RTL: 5/17/2024 Begin Con: 4/7/2025
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New

Subtotal: \$19,974 \$6,864
Total Project Cost: \$26,838

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.0	0.0	14.0	Lane mile(s)
Post Condition	14.0	0.0	0.0	14.0	Lane mile(s)

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-131 0.0/4.4 2023A 0418000221	In and near Tiburon, from Route 101 to Main Street (PM 0.0/4.392). Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q230 2023-24	R/W: \$531 Con: \$10,421	PA&ED: \$2,193 PS&E: \$3,317 R/W Sup: \$104 Con Sup: \$2,717	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 1/2/2024 RTL: 2/5/2024 Begin Con: 6/13/2024
New			Subtotal: \$10,952 Total Project Cost:	\$8,331 \$19,283		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.5	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

04-Marín-1 13.1/44.9 2029G 0419000022	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	2Q530 2023-24	R/W: \$989 Con: \$6,551	PA&ED: \$2,250 PS&E: \$1,950 R/W Sup: \$670 Con Sup: \$2,150	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$7,540 Total Project Cost:	\$7,020 \$14,560		

Program 201.151 Drainage System Restoration
Project Output(s) 29 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,205.0	1,205.0	Linear feet
Post Condition	1,205.0	0.0	0.0	1,205.0	Linear feet

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 13.1/45.1 0322B 0417000036	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	3A250 2023-24	R/W: \$740 Con: \$3,578	PA&ED: \$1,750 PS&E: \$1,400 R/W Sup: \$480 Con Sup: \$1,380	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$4,318 Total Project Cost:	\$5,010 \$9,328		

Program 201.151 Drainage System Restoration
Project Output(s) 21 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	860.0	860.0	Linear feet
Post Condition	860.0	0.0	0.0	860.0	Linear feet

04-Marin-1 40.3 1485E 0414000524	Near Marshall, at 0.1 mile south of Clark Road. Replace culvert.	2J510 2023-24	R/W: \$176 Con: \$2,307	PA&ED: \$1,250 PS&E: \$1,360 R/W Sup: \$300 Con Sup: \$1,400	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 3/7/2024 RTL: 4/12/2024 Begin Con: 12/4/2024
New			Subtotal: \$2,483 Total Project Cost:	\$4,310 \$6,793		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Linear feet
Post Condition	66.0	0.0	0.0	66.0	Linear feet

**2020 SHOPP Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Marin County

			R/W: \$13,404	PA&ED: \$22,434		
			Const: \$140,953	PS&E: \$26,986		
				R/W Sup: \$4,199		
				Con Sup: \$28,545		
			<hr/>			
			Subtotal: \$154,357	\$82,164		
			Total (Capital + Support):	\$236,521		

**2020 SHOPP Project List
Mariposa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

10-Mariposa-140 42.0/42.7 0280 1014000148	Near El Portal and Yosemite National Park, at 0.5 miles west of South Fork Merced River. Construct rock shed. This is a Construction Manager/General Contractor (CMGC) project.	0P921 2020-21	* R/W: \$1,500 * Con: \$175,000	PA&ED: PS&E: \$5,500 R/W Sup: \$100 * Con Sup: \$21,000	Prior Prior 20-21	PA&ED: 1/29/2014 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$176,500	\$26,600		
			Total Project Cost:	\$203,100		

** Con, * R/W, * Con Sup phase(s) are NOT authorized*

(PS&E, R/W Sup Only)

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

10-Mariposa-140 42.0/42.7 0280B 1020000099	Near El Portal and Yosemite National Park, 0.5 miles west of South Fork Merced River. Early Work Package No. 1 for Ferguson Slide Construction	0P923 2020-21	R/W: Con: \$27,000	PA&ED: PS&E: R/W Sup: Con Sup: \$8,000	20-21	PA&ED: 1/29/2014 R/W Cert: 6/8/2020 RTL: 7/1/2020 Begin Con: 9/7/2020
<i>Carryover</i>	Manager/General Contractor (CMGC) parent project EA 0P921. Remove rock talus.		Subtotal: \$27,000	\$8,000		
			Total Project Cost:	\$35,000		

Program 201.131 Permanent Restoration
Project Output(s) 0 Location(s)

**2020 SHOPP Project List
Mariposa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Mariposa-140 12.0/22.1 3252	In and near the Mariposa community, from 1.7 miles east of Catheys Valley Park to the north Route 49 Junction.	0Y770 2021-22	R/W: \$1,989 * Con: \$17,363	PA&ED: \$1,025 PS&E: \$1,095 R/W Sup: \$416 * Con Sup: \$1,689	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
1015000008	Rehabilitate pavement and upgrade Americans with Disabilities Act (ADA) ramps.			Subtotal: \$19,352	\$4,225	
<i>Carryover</i>	(G13 Contingency)			Total Project Cost:	\$23,577	

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	5.7	23.6	Lane mile(s)
Post Condition	23.6	0.0	0.0	23.6	Lane mile(s)

10-Mariposa-140 25.3/51.8 3167	Near the Mariposa community and El Portal, from East Whitlock Road to Yosemite National Park entrance.	0Y780 2021-22	R/W: \$162 * Con: \$23,765	PA&ED: \$900 PS&E: \$1,900 R/W Sup: \$30 * Con Sup: \$2,330	Prior Prior Prior 21-22	PA&ED: 10/15/2020 R/W Cert: 10/1/2021 RTL: 4/15/2022 Begin Con: 5/16/2022
1016000025	Pavement rehabilitation.			Subtotal: \$23,927	\$5,160	
<i>Carryover</i>	(G13 Contingency)			Total Project Cost:	\$29,087	

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 54.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.4	11.4	54.8	Lane mile(s)
Post Condition	54.8	0.0	0.0	54.8	Lane mile(s)

**2020 SHOPP Project List
Mariposa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

10-Mariposa-140	Near Briceburg, at 2.1 miles west of	0Y340	R/W: \$40	PA&ED:		PA&ED: 7/29/2016
32.2	Bull Creek Road. Repair slope slipout	2020-21	Con: \$2,800	PS&E: \$955	Prior	R/W Cert: 1/4/2021
3194	and erosion damage at large culvert			R/W Sup: \$155	Prior	RTL: 2/12/2021
1014000182	pipe outlet.			Con Sup: \$925	20-21	Begin Con: 7/1/2021
			Subtotal: \$2,840		\$2,035	
<i>Carryover</i>			Total Project Cost:		\$4,875	

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Mariposa County			
	R/W:	\$3,691	PA&ED: \$1,925
	Const:	\$245,928	PS&E: \$9,450
			R/W Sup: \$701
			Con Sup: \$33,944
Subtotal:		\$249,619	\$46,020
Total (Capital + Support):			\$295,639

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Mendocino-101 1.4/1.7 4705 0118000111	Near Hopland, from 0.7 mile to 1.0 mile north of Geysers Road. Stabilize slope by constructing a soldier pile retaining wall and reinforce embankment.	0H810 2021-22	R/W: \$1 Con: \$4,090	PA&ED: \$883 PS&E: \$959 R/W Sup: \$52 Con Sup: \$1,050	Prior 20-21 Prior 21-22	PA&ED: 8/1/2020 R/W Cert: 10/1/2021 RTL: 10/1/2021 Begin Con: 12/7/2021
<i>Carryover</i>			Subtotal: \$4,091	\$2,944		
			Total Project Cost:	\$7,035		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

01-Mendocino-162 11.5/11.8 4553 0114000035	Near Dos Rios, from 1.4 to 1.7 miles east of Rodeo Creek Bridge. Construct soldier pile walls, shear pile wall, drainage galleries, and correct roadway profile.	0B530 2020-21	R/W: \$355 Con: \$40,350	PA&ED: \$2,060 PS&E: \$2,400 R/W Sup: \$170 Con Sup: \$4,600	Prior Prior Prior 20-21	PA&ED: 2/21/2020 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 2/1/2022
<i>Carryover</i>			Subtotal: \$40,705	\$9,230		
			Total Project Cost:	\$49,935		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-271 19.6/20.0 4702 0118000106	Near Piercy, from 0.1 mile to 0.5 mile north of Route 101. Repair slope by constructing a retaining wall, reconstruct roadway and shoulders.	0H780 2021-22	R/W: \$64 Con: \$4,208	PA&ED: \$1,192 PS&E: \$1,643 R/W Sup: \$58 Con Sup: \$1,266	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/1/2021 RTL: 12/15/2021 Begin Con: 4/4/2022
<i>Carryover</i>			Subtotal: \$4,272	\$4,159		
			Total Project Cost:	\$8,431		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

01-Mendocino-1 6.5/9.5 4630 0116000047	Near Gualala, from 0.4 mile north of Havens Neck Drive to 0.5 mile south of Iverson Road. Widen shoulders and install edgeline rumble strips and guardrail.	0F710 2020-21	R/W: \$455 Con: \$1,334	PA&ED: \$940 PS&E: \$978 R/W Sup: \$472 Con Sup: \$728	Prior Prior Prior 20-21	PA&ED: 3/27/2020 R/W Cert: 6/10/2021 RTL: 6/25/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$1,789	\$3,118		
			Total Project Cost:	\$4,907		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 R65.1/65.5 4656 0117000026	Near Fort Bragg, from north of Mill Creek Drive to north of Ward Avenue. Widen shoulders.	0G600 2021-22	R/W: \$275 Con: \$1,633	PA&ED: \$833 PS&E: \$1,218 R/W Sup: \$224 Con Sup: \$865	Prior 20-21 20-21 21-22	PA&ED: 1/2/2021 R/W Cert: 1/17/2022 RTL: 2/1/2022 Begin Con: 8/30/2022
			Subtotal: \$1,908	\$3,140		
			Total Project Cost:	\$5,048		
Carryover						

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

01-Mendocino-20 19.1/19.6 4691 0117000225	Near Willits, from 0.9 mile west to 0.4 mile west of James Creek Bridge. Improve curve, install center and edge-line rumble strips, upgrade guardrail, and widen shoulders.	0H450 2021-22	R/W: \$160 Con: \$2,635	PA&ED: \$754 PS&E: \$1,079 R/W Sup: \$220 Con Sup: \$821	Prior Prior Prior 21-22	PA&ED: 10/20/2020 R/W Cert: 1/3/2022 RTL: 1/17/2022 Begin Con: 6/1/2022
			Subtotal: \$2,795	\$2,874		
			Total Project Cost:	\$5,669		
Carryover						

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 20.0/20.3 4717 0118000171	Near Willits, from James Creek Bridge to 0.3 mile east of James Creek Bridge. Improve curve and roadway cross slope, widen shoulders, and install rumble strips.	0J120 2021-22	R/W: \$30 Con: \$1,100	PA&ED: \$944 PS&E: \$798 R/W Sup: \$142 Con Sup: \$1,080	Prior 20-21 20-21 21-22	PA&ED: 7/13/2020 R/W Cert: 11/1/2021 RTL: 11/15/2021 Begin Con: 3/4/2022
Carryover			Subtotal: \$1,130	\$2,964		
			Total Project Cost:	\$4,094		

Program 201.010 Safety Improvements
Project Output(s) 30 Collision(s) reduced

MANDATES

01-Mendocino-1 59.8/62.1 4546 0112000110	In Fort Bragg, from Route 20 to Pudding Creek Bridge. Construct Americans with Disabilities Act (ADA) compliant curb ramps and sidewalk, add high visibility signing and striping at crosswalks, construct retaining walls, and upgrade drainage.	0B220 2020-21	R/W: \$447 Con: \$5,056	PA&ED: \$750 PS&E: \$1,246 R/W Sup: \$511 Con Sup: \$1,588	Prior Prior Prior 20-21	PA&ED: 3/18/2020 R/W Cert: 6/1/2021 RTL: 6/15/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$5,503	\$4,095		
			Total Project Cost:	\$9,598		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 34 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	33.0	33.0	Each
Post Condition	34.0	0.0	0.0	34.0	Each

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

01-Mendocino-1 42.4/43.3 4753 0120000111	Near Albion, from 2.2 miles north of Route 128 Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Lead abatement for bridge replacement project EA 40140.	40141 2021-22	R/W: \$5,176 Con: \$9,000	PA&ED: \$500 PS&E: \$2,000 R/W Sup: \$350 Con Sup: \$3,000	20-21 20-21 20-21 21-22	PA&ED: 3/11/2021 R/W Cert: 3/1/2022 RTL: 3/17/2022 Begin Con: 7/20/2022
			Subtotal: \$14,176	\$5,850		
New			Total Project Cost:	\$20,026		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

01-Mendocino-1 43.3/44.2 4490 0100000154	Near Albion, from 3.0 miles north of Route 128 Junction to 0.2 mile north of Albion River Bridge No. 10-0136. Bridge replacement.	40110 2022-23	R/W: \$7,748 Con: \$65,673	PA&ED: \$5,500 PS&E: \$6,250 R/W Sup: \$987 Con Sup: \$7,750	Prior 21-22 21-22 22-23	PA&ED: 8/12/2022 R/W Cert: 5/19/2023 RTL: 6/15/2023 Begin Con: 10/18/2023
			Subtotal: \$73,421	\$20,487		
Carryover			Total Project Cost:	\$93,908		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset (Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	27,340.0	27,340.0	Square feet
Post Condition	56,440.0	0.0	0.0	56,440.0	Square feet
Bridge Health	Existing Condition		Post Condition		
Bridge No. 10-0136	Poor		Good		

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 33.3/34.4 4587 0113000123	Near Ukiah, from North Calpella Overcrossing to 0.5 mile east of County Road 144 at Russian River Bridge and Overhead No. 10-0182 and Redwood Valley Undercrossing No. 10-0183. Replace two bridges with a single bridge on a new alignment.	0E090 2020-21	R/W: \$2,064 Con: \$33,291	PA&ED: \$2,087 PS&E: \$3,129 R/W Sup: \$301 Con Sup: \$7,934	Prior Prior Prior 20-21	PA&ED: 5/15/2020 R/W Cert: 6/1/2021 RTL: 6/15/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$35,355 Total Project Cost:	\$13,451 \$48,806		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19,967.0	19,967.0	Square feet
Post Condition	42,385.0	0.0	0.0	42,385.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 10-0182	Poor	Good
Bridge No. 10-0183	Poor	Good

01-Mendocino-271 17.7/18.0 4710 0118000130	Near Piercy, from 0.7 mile north of Routes 271/101 Separation Bridge No. 10-0217 to 0.4 mile south of Sidehill Viaduct No. 10-0100. Mitigation planting and monitoring for EA 0A840.	0A841 2020-21	R/W: Con: \$205	PA&ED: PS&E: R/W Sup: Con Sup: \$172	20-21	PA&ED: 4/27/2017 R/W Cert: 4/15/2018 RTL: 7/15/2020 Begin Con: 9/15/2020
<i>Carryover</i>			Subtotal: \$205 Total Project Cost:	\$172 \$377		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 31.4 4588 0113000125	Near Fort Bragg, at Elk Creek Bridge No. 10-0120. Replace bridge.	0E110 2021-22	R/W: \$333 Con: \$8,325	PA&ED: \$1,363 PS&E: \$1,445 R/W Sup: \$191 Con Sup: \$1,759	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 4/29/2022 RTL: 5/6/2022 Begin Con: 8/31/2022
			Subtotal: \$8,658	\$4,758		
Carryover			Total Project Cost:	\$13,416		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 532.0 Linear feet rail
1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	324.0	324.0	Linear feet rail
Post Condition	532.0	0.0	0.0	532.0	Linear feet rail
Bridge Health Bridge No. 10-0120	Existing Condition Fair		Post Condition Good		

01-Mendocino-1 51.8 4682 0117000133	Near the Mendocino community, at Jack Peters Creek Bridge No. 10-0150 (PM 51.87). Bridge rail upgrade and widening.	43484 2021-22	R/W: \$385 Con: \$13,250	PA&ED: \$425 PS&E: \$1,935 R/W Sup: \$260 Con Sup: \$4,000	20-21 20-21 20-21 21-22	PA&ED: 4/9/2021 R/W Cert: 4/15/2022 RTL: 5/6/2022 Begin Con: 8/31/2022
			Subtotal: \$13,635	\$6,620		
New			Total Project Cost:	\$20,255		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 526.0 Linear feet rail
1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	526.0	526.0	Linear feet rail
Post Condition	526.0	0.0	0.0	526.0	Linear feet rail
Bridge Health Bridge No. 10-0150	Existing Condition Fair		Post Condition Good		

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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01-Mendocino-1 59.7 4588B 0115000109 Carryover	Near Fort Bragg, at Hare Creek Bridge No. 10-0175. Upgrade bridge rails and widen to make standard. (G13 Contingency)	0E111 2021-22	R/W: \$474	PA&ED: \$2,770	Prior 20-21 20-21 21-22	PA&ED: 7/16/2021 R/W Cert: 4/15/2022 RTL: 6/17/2022 Begin Con: 8/31/2022
			* Con: \$12,452	PS&E: \$2,979		
			Subtotal: \$12,926	\$9,430		
			Total Project Cost:	\$22,356		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 868.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	868.0	868.0	Linear feet rail
Post Condition	868.0	0.0	0.0	868.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 10-0175	Good	Good

01-Mendocino-1 62.1 4507 0100000672 Carryover	In Fort Bragg at Pudding Creek Bridge No. 10-0158 (PM 62.12). Bridge rail upgrade and widening.	43480 2020-21	R/W: \$150	PA&ED: \$3,806	Prior Prior Prior 20-21	PA&ED: 9/15/2020 R/W Cert: 6/1/2021 RTL: 6/24/2021 Begin Con: 10/20/2021
			Con: \$8,300	PS&E: \$2,825		
			Subtotal: \$8,450	\$9,366		
			Total Project Cost:	\$17,816		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 361.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	361.0	361.0	Linear feet rail
Post Condition	361.0	0.0	0.0	361.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 10-0150	Fair	Good
Bridge No. 10-0158	Good	Good

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-101 R106.4/T106.8 4627 0116000015	Near Piercy, at South Fork Eel River Bridge No. 10-0218 (PM R106.57); also in Humboldt County (PM T0.0/T0.1). Seismic bridge retrofit, bridge rail upgrade, restripe for wider shoulders and bicycle access, and upgrade deck drainage.	0F510 2021-22	R/W: \$26 Con: \$3,605	PA&ED: \$739 PS&E: \$1,028 R/W Sup: \$248 Con Sup: \$1,278	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover			Subtotal: \$3,631 Total Project Cost:	\$3,293 \$6,924		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	31,312.0	31,312.0	Square feet
Post Condition	31,312.0	0.0	0.0	31,312.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 10-0218	Good	Good

01-Mendocino-162 8.2 4692 0117000223	Near Longvale, from 8.2 miles to 8.3 miles east of Route 101 at Eel River Bridge No. 10-0236. Bridge seismic retrofit.	0A131 2021-22	R/W: \$618 Con: \$6,383	PA&ED: \$737 PS&E: \$1,295 R/W Sup: \$127 Con Sup: \$4,179	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/30/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover			Subtotal: \$7,001 Total Project Cost:	\$6,338 \$13,339		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	7,266.0	7,266.0	Square feet
Post Condition	7,266.0	0.0	0.0	7,266.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 10-0236	Good	Good

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

01-Mendocino-162 R0.0/25.7 4676 0117000116	Near Dos Rios, from Route 101 to 2.6 miles west of Grist Creek Bridge. Rehabilitate roadway, upgrade guardrail and signs, apply High Friction Surface Treatment (HFST), replace Transportation Management System (TMS) elements, and enhance highway worker safety.	0H150 2023-24	R/W: \$109 Con: \$35,935	PA&ED: \$1,563 PS&E: \$1,477 R/W Sup: \$480 Con Sup: \$5,492	20-21 21-22 20-21 23-24	PA&ED: 8/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
			Subtotal: \$36,044	\$9,012		
New			Total Project Cost:	\$45,056		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 50.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	26.2	24.5	50.7	Lane mile(s)
Post Condition	50.7	0.0	0.0	50.7	Lane mile(s)

01-Mendocino-1 33.7/R51.0 4697 0117000240	Near the Mendocino community, from south of Philo Greenwood Road to north of Little Lake Road. Rehabilitate pavement, upgrade guardrail, and replace rumble strips.	0H600 2023-24	R/W: \$38 Con: \$27,321	PA&ED: \$701 PS&E: \$900 R/W Sup: \$111 Con Sup: \$2,502	20-21 21-22 21-22 23-24	PA&ED: 12/7/2021 R/W Cert: 7/17/2023 RTL: 7/31/2023 Begin Con: 1/8/2024
			Subtotal: \$27,359	\$4,214		
New			Total Project Cost:	\$31,573		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	34.3	0.0	34.3	Lane mile(s)
Post Condition	34.3	0.0	0.0	34.3	Lane mile(s)

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 87.9/105.6 4696 0117000239	Near Leggett, from north of Rockport Street to Route 101 (PM 87.85/105.580). Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H590 2022-23	R/W: \$456 Con: \$21,791	PA&ED: \$531 PS&E: \$726 R/W Sup: \$133 Con Sup: \$1,865	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 1/6/2023 RTL: 1/20/2023 Begin Con: 5/1/2023
New			Subtotal: \$22,247 Total Project Cost:	\$3,255 \$25,502		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 30.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	10.7	30.9	Lane mile(s)
Post Condition	30.9	0.0	0.0	30.9	Lane mile(s)

01-Mendocino-101 R33.7/R43.2 4677 0117000117	Near Willits, from 1.1 miles north of West Road to 0.6 mile south of Haehl Creek Bridge. Rehabilitate pavement, replace concrete median barrier, rehabilitate drainage systems, and upgrade guardrail, signs, lighting, and Transportation Management System (TMS) elements.	0H160 2022-23	R/W: \$39 Con: \$47,888	PA&ED: \$561 PS&E: \$910 R/W Sup: \$33 Con Sup: \$3,457	20-21 21-22 21-22 22-23	PA&ED: 8/1/2021 R/W Cert: 1/2/2023 RTL: 1/16/2023 Begin Con: 6/1/2023
New			Subtotal: \$47,927 Total Project Cost:	\$4,961 \$52,888		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	36.9	0.5	37.5	Lane mile(s)
Post Condition	37.5	0.0	0.0	37.5	Lane mile(s)

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-101 49.0/55.1 4678 0117000119	Near Willits, from 0.6 mile north of Upp Creek Bridge to 2.6 miles north of Ryan Creek Road. Rehabilitate pavement and upgrade guardrail and signs.	0H170 2023-24	R/W: \$16 Con: \$10,203	PA&ED: \$886 PS&E: \$814 R/W Sup: \$27 Con Sup: \$2,217	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 6/19/2023 RTL: 7/4/2023 Begin Con: 12/20/2023
New			Subtotal: \$10,219	\$3,944		
			Total Project Cost:	\$14,163		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.1	0.0	14.1	Lane mile(s)
Post Condition	14.1	0.0	0.0	14.1	Lane mile(s)

01-Mendocino-101 55.0/64.9 4694 0117000235	Near Willits, from 0.5 mile south of Shimmins Ridge Road to north of Old Sherwood Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H550 2023-24	R/W: Con: \$26,973	PA&ED: \$820 PS&E: \$732 R/W Sup: \$126 Con Sup: \$2,871	21-22 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
New			Subtotal: \$26,973	\$4,549		
			Total Project Cost:	\$31,522		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 37.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.4	0.0	37.4	Lane mile(s)
Post Condition	37.4	0.0	0.0	37.4	Lane mile(s)

**2020 SHOPP Project List
Mendocino**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-101 R104.5 4745 0113000106	Near Piercy, at 0.7 mile north of Piercy Separation (Route 271). Replace culvert.	48400 2022-23	R/W: \$17 Con: \$2,576	PA&ED: \$30 PS&E: \$201 R/W Sup: \$26 Con Sup: \$579	20-21 21-22 21-22 22-23	PA&ED: 5/3/2021 R/W Cert: 7/1/2022 RTL: 7/14/2022 Begin Con: 12/21/2022
			Subtotal: \$2,593	\$836		
New			Total Project Cost:	\$3,429		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	550.0	550.0	Linear feet
Post Condition	410.0	0.0	0.0	410.0	Linear feet

MOBILITY

01-Mendocino-101 41.2 4698 0117000248	Near Willits, at the Ridgewood Grade Weigh Station. Install new Weigh-In-Motion (WIM) facility, restore existing weigh station concrete scale pad and rehabilitate asphalt pavement	0H660 2023-24	R/W: \$10 Con: \$2,317	PA&ED: \$449 PS&E: \$720 R/W Sup: \$17 Con Sup: \$697	20-21 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 7/1/2023 RTL: 7/15/2023 Begin Con: 11/3/2023
			Subtotal: \$2,327	\$1,883		
New			Total Project Cost:	\$4,210		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Mendocino County

			R/W: \$19,446	PA&ED: \$31,824		
			Const: \$395,894	PS&E: \$39,687		
				R/W Sup: \$5,784		
				Con Sup: \$67,648		
			Subtotal: \$415,340		\$144,943	
			Total (Capital + Support):		\$560,283	

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Merced-59 13.6 3466 1019000059	Near the city of Merced, at the intersection with Gerald Avenue. Intersection improvements.	1K620 2023-24	R/W: \$1,343 Con: \$4,565	PA&ED: \$1,036 PS&E: \$1,588 R/W Sup: \$495 Con Sup: \$1,113	Prior 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 5/15/2024 RTL: 6/1/2024 Begin Con: 12/15/2024
<i>Carryover</i>			Subtotal: \$5,908	\$4,232		
			Total Project Cost:	\$10,140		

Program 201.010 Safety Improvements
Project Output(s) 22 Collision(s) reduced

10-Merced-152 21.0 3417 1018000101	In Los Banos, at South 11th Street. Improve safety by installing new traffic signal.	1J300 2020-21	R/W: \$300 Con: \$1,527	PA&ED: \$480 PS&E: \$1,045 R/W Sup: \$93 Con Sup: \$596	Prior Prior Prior 20-21	PA&ED: 3/15/2019 R/W Cert: 10/8/2020 RTL: 10/12/2020 Begin Con: 5/3/2021
<i>Carryover</i>			Subtotal: \$1,827	\$2,214		
			Total Project Cost:	\$4,041		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-99 24.5/28.2 3442 1013000245	Near Atwater, from south of Westside Boulevard to south of Hammatt Avenue. Upgrade guardrail to current standards.	0Y610 2022-23	R/W: \$20 Con: \$2,304	PA&ED: \$677 PS&E: \$1,374 R/W Sup: \$20 Con Sup: \$783	20-21 21-22 21-22 22-23	PA&ED: 7/27/2021 R/W Cert: 10/21/2022 RTL: 11/21/2022 Begin Con: 6/13/2023
<i>New</i>			Subtotal: \$2,324	\$2,854		
			Total Project Cost:	\$5,178		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

10-Merced-140 2.3/49.0 3074 1013000243	In and near the cities of Gustine and Merced, from Outside Canal Bridge No. 39-0055 to 1.3 miles west of Mariposa County line, at various locations. Replace bridge approach guardrail on two bridges and removal of obstructions from clear recovery zone at twelve locations.	0Y130 2021-22	R/W: \$1,416 Con: \$4,225	PA&ED: \$1,279 PS&E: \$769 R/W Sup: \$252 Con Sup: \$1,172	Prior 20-21 20-21 21-22	PA&ED: 1/29/2020 R/W Cert: 11/15/2021 RTL: 2/1/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$5,641	\$3,472		
			Total Project Cost:	\$9,113		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-152 26.3/R40.7 3740 1017000043	Near Los Banos, from 0.4 mile east of Midway Road to 0.2 mile west of Route 59. Upgrade guardrail to make standard.	1C370 2020-21	R/W: \$13 Con: \$2,598	PA&ED: \$650 PS&E: \$939 R/W Sup: \$12 Con Sup: \$745	Prior Prior Prior 20-21	PA&ED: 9/19/2019 R/W Cert: 8/26/2020 RTL: 10/1/2020 Begin Con: 6/17/2021
			Subtotal: \$2,611	\$2,346		
Carryover			Total Project Cost:	\$4,957		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

MANDATES

10-Merced-33 R0.4/1.5 3441 1018000276	In and near Dos Palos, from Christian Avenue to north of Santos street; also in Gustine on Route 140 from east of Jensen Road to 2nd Street (PM 4.8/6.2). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G250 2022-23	R/W: \$6 Con: \$4,463	PA&ED: \$1,134 PS&E: \$1,594 R/W Sup: Con Sup: \$1,330	20-21 21-22 22-23	PA&ED: 9/24/2021 R/W Cert: 10/14/2022 RTL: 4/21/2023 Begin Con: 12/15/2023
			Subtotal: \$4,469	\$4,058		
New			Total Project Cost:	\$8,527		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 72 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	72.0	72.0	Each
Post Condition	72.0	0.0	0.0	72.0	Each

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-Merced-152	In Merced County, on Routes 152, 140, and 59 at various locations.	0G830 2022-23	R/W: \$1,700 Con: \$13,500	PA&ED: \$982 PS&E: \$3,000 R/W Sup: \$400 Con Sup: \$3,000	Prior 20-21 20-21 22-23	PA&ED: 12/20/2019 R/W Cert: 8/1/2022 RTL: 10/1/2022 Begin Con: 4/5/2023
3122	Seismic retrofit and bridge rail					
1012000316	upgrade of seven bridges.					
			Subtotal: \$15,200	\$7,382		
	<i>Carryover</i>		Total Project Cost:	\$22,582		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 7 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	92,925.0	92,925.0	Square feet
Post Condition	95,291.0	0.0	0.0	95,291.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 39-0009L	Fair	Fair
Bridge No. 39-0009R	Fair	Fair
Bridge No. 39-0028L	Good	Good
Bridge No. 39-0034L	Good	Good
Bridge No. 39-0034R	Good	Good
Bridge No. 39-0090	Good	Good
Bridge No. 39-0092	Good	Good

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-5 3102 1015000038 Carryover	In Merced, San Joaquin, Mariposa and Stanislaus Counties, on various routes at various locations. Scour mitigation and preventative structural maintenance measures at thirteen bridges.	1C810 2020-21	R/W: \$496 Con: \$3,200	PA&ED: \$819 PS&E: \$950 R/W Sup: \$542 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 8/22/2018 R/W Cert: 12/1/2020 RTL: 12/18/2020 Begin Con: 7/23/2021
			Subtotal: \$3,696	\$3,511		
			Total Project Cost:	\$7,207		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 13 Bridge(s)

Primary Asset (Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	14,811.0	20,430.0	13,099.0	48,340.0	Square feet
Post Condition	48,340.0	0.0	0.0	48,340.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 29-0008R	Good	Good
Bridge No. 29-0014	Fair	Good
Bridge No. 29-0060	Fair	Good
Bridge No. 29-0061	Good	Good
Bridge No. 38-0039	Good	Fair
Bridge No. 38-0062	Poor	Fair
Bridge No. 38-0065	Good	Good
Bridge No. 39-0035L	Fair	Fair
Bridge No. 39-0153L	Poor	Poor
Bridge No. 39-0153R	Poor	Poor
Bridge No. 39-0167L	Fair	Fair
Bridge No. 39-0167R	Fair	Good
Bridge No. 40-0021	Good	Good

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Merced-59 R0.0/12.1 3439 1018000284	Near Merced, from Route 152 to Reilly Road. Rehabilitate pavement, upgrade guardrail and lighting, replace sign panels, construct rumble strips, rehabilitate drainage, replace one bridge, and rehabilitate two bridge decks.	0V690 2023-24	R/W: \$908 Con: \$20,020	PA&ED: \$1,415 PS&E: \$1,962 R/W Sup: \$610 Con Sup: \$2,639	20-21 22-23 22-23 23-24	PA&ED: 5/20/2022 R/W Cert: 5/6/2024 RTL: 6/13/2024 Begin Con: 12/30/2024
New			Subtotal: \$20,928	\$6,626		
			Total Project Cost:	\$27,554		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	22.3	0.0	24.0	Lane mile(s)
Post Condition	24.0	0.0	0.0	24.0	Lane mile(s)

10-Merced-99 20.1/24.3 5431Y 1019000020	In and near Atwater, from 0.4 mile south of Buhach Road to south of Westside Boulevard. Landscape mitigation for roadway rehabilitation project EA 3A720.	3A721 2021-22	R/W: \$5 Con: \$1,000	PA&ED: \$400 PS&E: \$690 R/W Sup: \$10 Con Sup: \$1,100	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 10/1/2021 RTL: 10/15/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$1,005	\$2,200		
			Total Project Cost:	\$3,205		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 0.0 Lane mile(s)

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

10-Merced-140 16.0/16.5 3438 1017000175	Near Hilmar, at the intersection of Route 140 (PM 16.0/16.5) and Route 165 (PM 26.6/27.1). Install a signal with dedicated left-turn lanes or construct roundabout.	1H020 2023-24	R/W: \$255 Con: \$4,945	PA&ED: \$1,378 PS&E: \$1,581 R/W Sup: \$641 Con Sup: \$1,071	20-21 22-23 22-23 23-24	PA&ED: 6/10/2022 R/W Cert: 5/13/2024 RTL: 5/30/2024 Begin Con: 12/30/2024
<i>New</i>			Subtotal: \$5,200	\$4,671		
			Total Project Cost:	\$9,871		

Program 201.310 Operational Improvements
Project Output(s) 53.2 Daily vehicle hour(s) of delay (DVHD)

10-Merced-152 11.3 3214 1017000005	Near Los Banos, at Route 33 Interchange; also on Route 5 (PM 6.3) at Route 165 Interchange. Improve the truck turn radius.	0T680 2021-22	R/W: \$274 Con: \$2,216	PA&ED: \$495 PS&E: \$850 R/W Sup: \$64 Con Sup: \$630	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 11/15/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
<i>Carryover</i>			Subtotal: \$2,490	\$2,039		
			Total Project Cost:	\$4,529		

Program 201.310 Operational Improvements
Project Output(s) 48.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-165 11.7 3447 1017000177	In Merced County, on Routes 165, 5, 33, and 140 at various locations. Widen shoulders to accommodate truck turning movements, rehabilitate pavement and drainage system, install Transportation Management System (TMS) elements, and replace signs.	0T69U 2023-24	R/W: \$940 Con: \$4,520	PA&ED: \$840 PS&E: \$920 R/W Sup: \$290 Con Sup: \$950	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 1/5/2024 RTL: 2/1/2024 Begin Con: 9/2/2024
New			Subtotal: \$5,460 Total Project Cost:	\$3,000 \$8,460		

Program 201.310 Operational Improvements
Project Output(s) 144.6 Daily vehicle hour(s) of delay (DVHD)

ROADSIDE PRESERVATION

10-Merced-5 0.5/0.8 3215 1016000046	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRA). Rehabilitate northbound and southbound SRRA facilities.	1C790 2020-21	R/W: \$5 Con: \$23,913	PA&ED: \$925 PS&E: \$2,970 R/W Sup: \$10 Con Sup: \$3,150	Prior Prior Prior 20-21	PA&ED: 2/6/2019 R/W Cert: 10/31/2020 RTL: 11/20/2020 Begin Con: 5/1/2021
Carryover			Subtotal: \$23,918 Total Project Cost:	\$7,055 \$30,973		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

**2020 SHOPP Project List
Merced
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Merced County

			R/W: \$7,681	PA&ED: \$12,510		
			Const: \$92,996	PS&E: \$20,232		
				R/W Sup: \$3,439		
				Con Sup: \$19,479		
			<hr/>			
			Subtotal: \$100,677	\$55,660		
			Total (Capital + Support):	\$156,337		

**2020 SHOPP Project List
Modoc
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Modoc-139	Near Canby, from 1.3 miles north of	0H570	R/W: \$71	PA&ED: \$890	Prior	PA&ED: 5/15/2021
R3.5/30.3	Howards Gulch Bridge to 0.1 mile	2021-22	Con: \$1,481	PS&E: \$360	20-21	R/W Cert: 5/22/2022
3589	south of Clear Lake Road, at various			R/W Sup: \$250	20-21	RTL: 6/1/2022
0215000052	locations. Improve drainage facilities			Con Sup: \$700	21-22	Begin Con: 9/20/2022
	by repairing or replacing culverts.					
			Subtotal: \$1,552	\$2,200		
Carryover			Total Project Cost:	\$3,752		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	244.2	613.1	857.3	Linear feet
Post Condition	908.5	0.0	0.0	908.5	Linear feet

Modoc County

R/W:	\$71	PA&ED:	\$890
Const:	\$1,481	PS&E:	\$360
		R/W Sup:	\$250
		Con Sup:	\$700
Subtotal:	\$1,552		\$2,200
Total (Capital + Support):			\$3,752

2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

09-Mono-395 6.9/9.6 0662 0914000003	Near Tom's place, from 2.4 miles south of Lower Rock Creek Road to 0.3 mile north of Lower Rock Creek Road. Widen shoulders, flatten slopes, install ground in rumble strips, reconstruct and install guardrail.	36070 2020-21	R/W: \$368 Con: \$15,840	PA&ED: \$922 PS&E: \$2,037 R/W Sup: \$485 Con Sup: \$2,799	Prior Prior Prior 20-21	PA&ED: 8/23/2018 R/W Cert: 6/30/2020 RTL: 8/1/2020 Begin Con: 11/9/2020
<i>Carryover</i>			Subtotal: \$16,208	\$6,243		
			Total Project Cost:	\$22,451		

Program 201.015 Collision Severity Reduction
Project Output(s) 22 Collision(s) reduced

09-Mono-395 58.2/60.2 2624 0916000006	Near Lee Vining, from Route 167 Junction to 0.2 mile north of Conway Ranch Road. Widen shoulders, install shoulder rumble strip, correct compound curve, and improve chain control area.	36640 2021-22	R/W: \$506 Con: \$5,490	PA&ED: \$520 PS&E: \$830 R/W Sup: \$590 Con Sup: \$1,440	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 6/30/2022 RTL: 6/30/2022 Begin Con: 1/5/2023
<i>Carryover</i>			Subtotal: \$5,996	\$3,380		
			Total Project Cost:	\$9,376		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 91.6/93.4 2460 0917000011	Near Bridgeport, from Burcham Flat Road to 0.3 mile south of Route 395/108 Junction. Widen shoulders, install rumble strips, and correct superelevation at three curves.	36800 2022-23	R/W: \$1,855 Con: \$12,567	PA&ED: \$1,395 PS&E: \$1,764 R/W Sup: \$395 Con Sup: \$2,084	Prior 21-22 21-22 22-23	PA&ED: 6/1/2021 R/W Cert: 6/8/2023 RTL: 6/8/2023 Begin Con: 12/14/2023
<i>Carryover</i>			Subtotal: \$14,422	\$5,638		
			Total Project Cost:	\$20,060		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

09-Mono-395 R2.2/R69.9 2616 0916000008	In Mono County, on Route 395 at various locations; also in Mono County, on Route 6 at approximately 7.0 miles north of Bishop (PM 7.0). Improve the chain control turnouts by widening and lengthening the pavement area, install lighting, improve signage, construct a median cross-over, and construct two new chain control turnouts.	36660 2020-21	R/W: \$5 Con: \$3,610	PA&ED: \$260 PS&E: \$300 R/W Sup: \$10 Con Sup: \$740	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/22/2021 Begin Con: 6/23/2021
<i>Carryover</i>			Subtotal: \$3,615	\$1,310		
			Total Project Cost:	\$4,925		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 12 Location(s)

2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

09-Mono-395 50.6/55.7 2645 0918000015	Near Lee Vining, from Route 120 (west) to Cemetery Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage, replace signs and guardrail, and make bicycle improvements.	37430 2023-24	R/W: \$337 Con: \$14,132	PA&ED: \$2,512 PS&E: \$2,304 R/W Sup: \$1,658 Con Sup: \$2,692	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 6/17/2024 RTL: 6/17/2024 Begin Con: 12/24/2024
New			Subtotal: \$14,469	\$9,166		
			Total Project Cost:	\$23,635		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 26 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.0	26.0	Each
Post Condition	26.0	0.0	0.0	26.0	Each

ROADWAY PRESERVATION

09-Mono-395 R9.8/R12.6 2669 0919000002	Near Toms Place, from 0.5 mile north of Rock Creek road to 1.3 miles south of South Landing Road. Rehabilitate pavement, replace signs, rehabilitate drainage systems, and upgrade guardrail and lighting.	37880 2023-24	R/W: \$34 Con: \$10,358	PA&ED: \$652 PS&E: \$705 R/W Sup: \$77 Con Sup: \$1,717	20-21 21-22 21-22 23-24	PA&ED: 1/14/2022 R/W Cert: 5/18/2023 RTL: 10/27/2023 Begin Con: 4/12/2024
New			Subtotal: \$10,392	\$3,151		
			Total Project Cost:	\$13,543		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.2	0.0	11.2	Lane mile(s)
Post Condition	11.2	0.0	0.0	11.2	Lane mile(s)

2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 55.5/58.2 2673 0919000001	Near Mono City, from south of Cemetery Road to Route 167 (east). Rehabilitate pavement, remove and replace dikes and signs, and upgrade guardrail.	37870 2022-23	R/W: Con: \$8,337	PA&ED: \$420 PS&E: \$581 R/W Sup: \$22 Con Sup: \$835	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 2/1/2022 RTL: 8/12/2022 Begin Con: 1/27/2023
New			Subtotal: \$8,337	\$1,858		
			Total Project Cost:	\$10,195		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.4	0.0	9.4	Lane mile(s)
Post Condition	9.4	0.0	0.0	9.4	Lane mile(s)

Mono County

R/W:	\$3,105	PA&ED:	\$6,681
Const:	\$70,334	PS&E:	\$8,521
		R/W Sup:	\$3,237
		Con Sup:	\$12,307
Subtotal:	\$73,439		\$30,746
Total (Capital + Support):			\$104,185

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-Monterey-1 27.5/27.7 2853 0518000105	Near Lucia, from 0.6 mile to 0.8 mile south of Big Creek Bridge. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K010 2021-22	R/W: \$163 Con: \$6,925	PA&ED: \$1,049 PS&E: \$1,607 R/W Sup: \$359 Con Sup: \$2,092	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 2/1/2022 RTL: 5/1/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,088	\$5,107		
			Total Project Cost:	\$12,195		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

05-Monterey-1 45.4/45.6 2855 0518000118	Near Big Sur, at the Pfeiffer Canyon Bridge No. 44-0060. Environmental mitigation (planting, erosion control, utility relocation) for project EA 1J130.	1K080 2021-22	R/W: \$2,800 Con: \$550	PA&ED: \$530 PS&E: \$600 R/W Sup: \$510 Con Sup: \$510	Prior Prior 21-22	PA&ED: 4/2/2019 R/W Cert: 8/9/2021 RTL: 9/8/2021 Begin Con: 3/23/2022
<i>Carryover</i>			Subtotal: \$3,350	\$1,640		
			Total Project Cost:	\$4,990		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 55.7/55.9 2849 0518000114	Near Big Sur, south of Little Sur River Bridge. Construct earth retaining wall.	1K050 2021-22	R/W: \$44 Con: \$5,453	PA&ED: \$1,031 PS&E: \$1,655 R/W Sup: \$100 Con Sup: \$1,336	Prior 20-21 20-21 21-22	PA&ED: 9/25/2020 R/W Cert: 1/5/2022 RTL: 5/6/2022 Begin Con: 11/17/2022
<i>Carryover</i>			Subtotal: \$5,497	\$4,122		
			Total Project Cost:	\$9,619		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

05-Monterey-1 74.8/R102.0 2883 0519000033	In and near the cities of Monterey, Marina, and Salinas, on Routes 1, 68, and 156 at various locations. Construct rumble strips.	1K860 2020-21	R/W: Con: \$1,466	PA&ED: PS&E: \$553 R/W Sup: \$29 Con Sup: \$481	Prior Prior 20-21	PA&ED: 12/16/2019 R/W Cert: 4/20/2020 RTL: 11/19/2020 Begin Con: 6/8/2021
<i>Carryover</i>			Subtotal: \$1,466	\$1,063		
			Total Project Cost:	\$2,529		

Program 201.010 Safety Improvements
Project Output(s) 231 Collision(s) reduced

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 3.4/3.8 2742 0517000113	Near Pacific Grove, from Skyline Forest Drive to west of Route 1; also from Haul Road to west of Skyline Forest Drive (PM 2.7/3.2). Increase safety by improving roadway cross slope at curve, sight distance, widen shoulders, install rumble strip, tapered edge treatment and construct drainage improvements.	1J460 2021-22	R/W: \$199 Con: \$7,081	PA&ED: \$1,207 PS&E: \$2,053 R/W Sup: \$356 Con Sup: \$1,531	Prior 20-21 20-21 21-22	PA&ED: 12/4/2020 R/W Cert: 5/27/2022 RTL: 6/9/2022 Begin Con: 1/24/2023
<i>Carryover</i>			Subtotal: \$7,280	\$5,147		
			Total Project Cost:	\$12,427		

Program 201.010 Safety Improvements
Project Output(s) 182 Collision(s) reduced

05-Monterey-101 R41.5/49.8 2312Y 0516000125	In and near King City, from 0.1 mile south of Broadway Street to 0.1 mile north of Broadway Street and from Jolon Road to 0.2 mile north of Jolon Road. Landscape mitigation.	0T991 2021-22	R/W: \$886 Con:	PA&ED: \$344 PS&E: \$344 R/W Sup: Con Sup: \$524	Prior 21-22	PA&ED: 1/29/2015 R/W Cert: 11/2/2021 RTL: 6/17/2022 Begin Con: 1/26/2023
<i>Carryover</i>			Subtotal: \$886	\$868		
			Total Project Cost:	\$1,754		

Program 201.015 Collision Severity Reduction
Project Output(s) 0 Collision(s) reduced

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 87.4/87.8 2635 0516000018	In and near Salinas, from 0.1 mile north of East Market Street to 0.1 mile south of Sherwood Drive. Lengthen the onramp to improve merging conflicts.	1H050 2021-22	R/W: \$5 Con: \$5,400	PA&ED: \$700 PS&E: \$1,900 R/W Sup: \$190 Con Sup: \$2,000	Prior Prior Prior 21-22	PA&ED: 10/2/2019 R/W Cert: 4/23/2021 RTL: 8/6/2021 Begin Con: 2/23/2022
Carryover			Subtotal: \$5,405 Total Project Cost:	\$4,790 \$10,195		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

MANDATES

05-Monterey-68 0.5/0.8 2647 0516000041	In Pacific Grove, from 17 Mile Drive to Congress Avenue. Construct Americans with Disabilities Act (ADA) compliant pathway along eastbound Route 68, upgrade curb ramps and sidewalk to meet ADA standards. Relocate streetlight pole and signs, remove and replant trees.	1H220 2021-22	R/W: \$54 Con: \$985	PA&ED: \$313 PS&E: \$790 R/W Sup: \$48 Con Sup: \$586	Prior Prior Prior 21-22	PA&ED: 5/31/2019 R/W Cert: 3/17/2021 RTL: 7/19/2021 Begin Con: 3/14/2022
Carryover			Subtotal: \$1,039 Total Project Cost:	\$1,737 \$2,776		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 8 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-218 R0.2/L0.9 2648 0516000042	In Seaside, from El Monte Road to Fremont Boulevard. Construct new sidewalks/upgrade pedestrian pathway and construct/upgrade curb ramps to meet current standards.	1H230 2021-22	R/W: \$417 Con: \$1,238	PA&ED: \$630 PS&E: \$1,269 R/W Sup: \$1,016 Con Sup: \$547	Prior Prior Prior 21-22	PA&ED: 6/12/2019 R/W Cert: 11/1/2021 RTL: 12/29/2021 Begin Con: 7/5/2022
Carryover			Subtotal: \$1,655 Total Project Cost:	\$3,462 \$5,117		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 13 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	13.0	0.0	0.0	13.0	Each

BRIDGE PRESERVATION

05-Monterey-1 63.0 2654 0516000077	Near Carmel-By-The Sea, at Garrapata Creek No. 44-0018. Rehabilitate bridge to extend the service life and mitigate corrosion by applying Electrochemical Chloride Extraction (ECE) process and waterproofing to the structure.	1H460 2020-21	R/W: \$115 Con: \$9,593	PA&ED: \$700 PS&E: \$1,500 R/W Sup: \$90 Con Sup: \$2,160	Prior Prior Prior 20-21	PA&ED: 5/8/2019 R/W Cert: 9/16/2020 RTL: 1/28/2021 Begin Con: 7/29/2021
Carryover			Subtotal: \$9,708 Total Project Cost:	\$4,450 \$14,158		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,868.0	0.0	7,868.0	Square feet
Post Condition	7,868.0	0.0	0.0	7,868.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0018	Fair	Good

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 62.1/63.2 9700 0513000017	Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-0091R. Rehabilitate bridge.	0F970 2021-22	R/W: \$1,578 * Con: \$11,500	PA&ED: \$34 PS&E: \$2,006 R/W Sup: \$58 * Con Sup: \$1,535	Prior Prior Prior 21-22	PA&ED: 9/2/2014 R/W Cert: 7/1/2020 RTL: 11/2/2020 Begin Con: 5/27/2021
<i>Carryover</i>	(G13 Contingency)			Subtotal: \$13,078 Total Project Cost: \$16,711	\$3,633	

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,592.0	0.0	10,592.0	Square feet
Post Condition	10,592.0	0.0	0.0	10,592.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0091R	Fair	Good

05-Monterey-1 43.1 2656 0516000081	Near Big Sur, at the Castro Canon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards.	1H490 2021-22	R/W: \$41 Con: \$1,672	PA&ED: \$608 PS&E: \$1,345 R/W Sup: \$141 Con Sup: \$794	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 9/1/2022
<i>Carryover</i>				Subtotal: \$1,713 Total Project Cost: \$4,601	\$2,888	

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 478.0 Linear feet rail
1 Bridge(s)

Primary Asset (Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	478.0	478.0	Linear feet rail
Post Condition	478.0	0.0	0.0	478.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0035	Good	Good

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 63.0 2696 0516000163	Near Carmel-by-the-Sea, at the Garrapata Creek Bridge No. 44-0018. Replace bridge railing to meet current traffic safety standards.	1H800 2022-23	R/W: \$5 Con: \$3,000	PA&ED: \$1,600 PS&E: \$1,900 R/W Sup: \$130 Con Sup: \$1,300	Prior 20-21 20-21 22-23	PA&ED: 4/2/2021 R/W Cert: 10/21/2022 RTL: 2/14/2023 Begin Con: 9/8/2023
<i>Carryover</i>			Subtotal: \$3,005	\$4,930		
			Total Project Cost:	\$7,935		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 603.0 Linear feet rail
1 Bridge(s)

<u>Primary Asset</u> (Bridge Rail)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	603.0	603.0	Linear feet rail
Post Condition	603.0	0.0	0.0	603.0	Linear feet rail
Bridge Health Bridge No. 44-0018	Existing Condition Fair		Post Condition Fair		

05-Monterey-156 R1.4/R2.0 0900A 0513000028	Near Castroville, from Route 183 to Castroville Boulevard. Upgrade bridge railing and widen overhead.	0A090 2020-21	R/W: \$293 Con: \$6,600	PA&ED: \$70 PS&E: \$1,800 R/W Sup: \$130 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 9/2/2014 R/W Cert: 8/3/2020 RTL: 10/5/2020 Begin Con: 4/7/2021
<i>Carryover</i>			Subtotal: \$6,893	\$3,800		
			Total Project Cost:	\$10,693		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 400.0 Linear feet rail
1 Bridge(s)

<u>Primary Asset</u> (Bridge Rail)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	400.0	400.0	Linear feet rail
Post Condition	400.0	0.0	0.0	400.0	Linear feet rail
Bridge Health Bridge No. 44-0033L	Existing Condition Good		Post Condition Good		

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-Monterey-68 1.1/L4.3 2631 0516000011	In and near Pacific Grove and Monterey, from Forest Avenue to Route 1 (PM 1.12/L4.264). Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1H000 2020-21	R/W: \$70 Con: \$7,996	PA&ED: \$482 PS&E: \$1,638 R/W Sup: \$312 Con Sup: \$1,675	Prior Prior Prior 20-21	PA&ED: 3/11/2019 R/W Cert: 12/8/2020 RTL: 1/8/2021 Begin Con: 8/10/2021
<i>Carryover</i>			Subtotal: \$8,066	\$4,107		
			Total Project Cost:	\$12,173		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 7.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.2	0.0	7.2	Lane mile(s)
Post Condition	7.2	0.0	0.0	7.2	Lane mile(s)

05-Monterey-101 R41.9/49.8 2900 0518000208	Near King City, from Jolon Road to Lagomarsino Avenue. Rehabilitate pavement, drainage systems, and lighting, and install Transportation Management System (TMS) elements.	1K440 2023-24	R/W: \$61 * Con: \$27,691	PA&ED: \$1,151 PS&E: \$2,021 R/W Sup: \$224 * Con Sup: \$4,157	20-21 21-22 21-22 23-24	PA&ED: 6/30/2022 R/W Cert: 4/4/2024 RTL: 6/21/2024 Begin Con: 1/7/2025
<i>New</i>	(G13 Contingency)		Subtotal: \$27,752	\$7,553		
			Total Project Cost:	\$35,305		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.0	27.0	0.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 R91.3/101.3 2679 0516000140	Near Salinas, from 0.3 mile north of Boronda Road to south of San Juan Road; also in San Benito County from Monterey County line to north of San Juan Road (PM 0.1/0.15).	1H690 2021-22	R/W: \$724 * Con: \$46,600	PA&ED: \$4,500 PS&E: \$4,800 R/W Sup: \$1,100 * Con Sup: \$9,400	Prior 21-22 21-22 21-22	PA&ED: 8/18/2021 R/W Cert: 5/9/2022 RTL: 6/9/2022 Begin Con: 1/4/2023
Carryover	Rehabilitate pavement, upgrade median barrier and guardrail, and repair drainage system.			Subtotal: \$47,324	\$19,800	
	(G13 Contingency)			Total Project Cost:	\$67,124	
				* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required		
				Program	201.121 Pavement Rehabilitation (CAPM)	
				Project Output(s)	43.1 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	18.7	24.4	0.0	43.1	Lane mile(s)
Post Condition	43.1	0.0	0.0	43.1	Lane mile(s)

05-Monterey-183 R2.1/R8.3 2899 0518000207	Near Salinas and Castroville, from north of Davis Road to south of Del Monte Avenue. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1K430 2022-23	R/W: \$13 Con: \$6,439	PA&ED: \$634 PS&E: \$1,430 R/W Sup: \$43 Con Sup: \$1,308	20-21 21-22 21-22 22-23	PA&ED: 9/12/2021 R/W Cert: 2/21/2023 RTL: 6/29/2023 Begin Con: 1/12/2024
New				Subtotal: \$6,452	\$3,415	
				Total Project Cost:	\$9,867	
				Program	201.121 Pavement Rehabilitation (CAPM)	
				Project Output(s)	12.7 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	0.0	12.7	Lane mile(s)
Post Condition	12.7	0.0	0.0	12.7	Lane mile(s)

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 0.2/15.9 2787 0518000083	In and near the city of Monterey, from west of Sunset Drive to Toro Park Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1J880 2023-24	R/W: \$900 Con: \$7,600	PA&ED: \$1,900 PS&E: \$2,600 R/W Sup: \$2,300 Con Sup: \$2,500	20-21 21-22 21-22 23-24	PA&ED: 6/1/2022 R/W Cert: 4/2/2024 RTL: 5/1/2024 Begin Con: 11/14/2024
New			Subtotal: \$8,500 Total Project Cost:	\$9,300 \$17,800		

Program 201.151 Drainage System Restoration
Project Output(s) 34 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	799.0	2,085.0	2,884.0	Linear feet
Post Condition	2,884.0	0.0	0.0	2,884.0	Linear feet

MULTIPLE OBJECTIVE

05-Monterey-183 R8.4/9.8 2678 0516000118	In Castroville, from Del Monte Avenue to Washington Street, a multi- objective Asset Management Pilot Project. Rehabilitate Pavement, repair bridge, construct storm drainage system improvements, construct Transportation Management System (TMS) elements, improve pedestrian, bicycle, and Americans with Disabilities Act (ADA) facilities.	1H650 2022-23	R/W: \$2,300 Con: \$20,300	PA&ED: \$2,600 PS&E: \$3,000 R/W Sup: \$6,600 Con Sup: \$3,200	Prior 20-21 20-21 22-23	PA&ED: 7/2/2020 R/W Cert: 6/27/2022 RTL: 5/1/2023 Begin Con: 12/13/2023
Carryover			Subtotal: \$22,600 Total Project Cost:	\$15,400 \$38,000		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Monterey County

			R/W: \$9,782	PA&ED: \$19,209		
			Const: \$178,975	PS&E: \$34,741		
				R/W Sup: \$13,826		
				Con Sup: \$39,436		
			<hr/>			
			Subtotal: \$188,757	\$107,212		
			Total (Capital + Support):	\$295,969		

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Napa-12 2.1/2.6 2021F 0418000137	Near the city of Napa, from 1.2 miles to 0.7 mile west of the Solano County line. Repair storm damaged slopes at two locations with Rock Slope Protection (RSP) and restore ditches.	0Q690 2021-22	R/W: \$134 Con: \$1,245	PA&ED: \$308 PS&E: \$320 R/W Sup: \$150 Con Sup: \$400	Prior 20-21 20-21 21-22	PA&ED: 11/10/2020 R/W Cert: 5/5/2022 RTL: 6/10/2022 Begin Con: 3/9/2023
<i>Carryover</i>			Subtotal: \$1,379	\$1,178		
			Total Project Cost:	\$2,557		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

04-Napa-121 0.5/1.0 1775H 0418000217	Near Napa, at Huichica Creek (PM 0.75). Mitigation planting, monitoring and reporting for EA 4G210.	4G21A 2021-22	R/W: Con: \$1,000	PA&ED: PS&E: R/W Sup: Con Sup: \$900	21-22	PA&ED: 4/9/2018 R/W Cert: 6/29/2022 RTL: 6/29/2022 Begin Con: 12/8/2023
<i>Carryover</i>			Subtotal: \$1,000	\$900		
			Total Project Cost:	\$1,900		

Program 201.010 Safety Improvements
Project Output(s) 0 Collision(s) reduced

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Napa-29 33.1 1464K 0416000037	Near Calistoga, at 0.3 mile south of Bothe-Napa Valley State Park entrance at Ritchie Creek Bridge No. 21-0057. Replace bridge and provide financial contributions to improve fish passage barriers at the site for compliance unit credits towards statewide National Pollutant Discharge Elimination System (NPDES) permit mandate goals.	4J990 2021-22	R/W: \$590 Con: \$5,099	PA&ED: \$1,820 PS&E: \$1,300 R/W Sup: \$167 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/16/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$5,689	\$4,587		
			Total Project Cost:	\$10,276		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

04-Napa-29 0.2/14.6 1496E 0416000040	In and near the cities of American Canyon and Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make facilities compliant with Americans with Disabilities Act (ADA) requirements.	0K000 2020-21	R/W: \$80 Con: \$989	PA&ED: \$275 PS&E: \$276 R/W Sup: \$92 Con Sup: \$203	Prior Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 1/1/2021 RTL: 3/1/2021 Begin Con: 10/2/2021
<i>Carryover</i>			Subtotal: \$1,069	\$846		
			Total Project Cost:	\$1,915		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19.0	19.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Napa-121 6.4/6.5 1493C 0416000041	In the city of Napa, at Tulocay Creek Bridge No. 21-0003 (PM 6.423). Replace existing bridge with a single span precast concrete box girder bridge.	4J820 2023-24	R/W: \$6,282 Con: \$15,580	PA&ED: \$3,302 PS&E: \$3,248 R/W Sup: \$1,050 Con Sup: \$3,510	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
<i>New</i>			Subtotal: \$21,862	\$11,110		
			Total Project Cost:	\$32,972		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,229.0	3,229.0	Square feet
Post Condition	7,675.0	0.0	0.0	7,675.0	Square feet
<u>Bridge Health</u> Bridge No. 21-0003	<u>Existing Condition</u> Poor		<u>Post Condition</u> Good		

04-Napa-128 5.1 1451C 0416000038	Near Rutherford, at Hopper Slough Bridge No. 21-0019. Replace bridge.	4J830 2021-22	R/W: \$1,514 Con: \$7,864	PA&ED: \$2,074 PS&E: \$1,988 R/W Sup: \$206 Con Sup: \$2,014	Prior 20-21 Prior 21-22	PA&ED: 10/2/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 1/10/2023
<i>Carryover</i>			Subtotal: \$9,378	\$6,282		
			Total Project Cost:	\$15,660		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	926.0	926.0	Square feet
Post Condition	2,762.0	0.0	0.0	2,762.0	Square feet
<u>Bridge Health</u> Bridge No. 21-0019	<u>Existing Condition</u> Poor		<u>Post Condition</u> Good		

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-128 20.1/20.4 0830C 0419000004	Near Napa, at Capell Creek Bridge No. 21-0078. Environmental mitigation and plant establishment for rehabilitate bridge project EA 4G840.	4G84A 2021-22	R/W: \$776 Con: \$500	PA&ED: PS&E: R/W Sup: \$10 Con Sup: \$250	21-22 21-22	PA&ED: 6/16/2016 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 3/15/2022
<i>Carryover</i>			Subtotal: \$1,276	\$260		
			Total Project Cost:	\$1,536		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

04-Napa-128 R7.4 0587K 0418000436	Near Rutherford, at Conn Creek Bridge No. 21-0021. Plant establishment mitigation for bridge replacement project EA 1G430.	1G43A 2020-21	R/W: \$30 Con: \$220	PA&ED: PS&E: \$30 R/W Sup: \$20 Con Sup: \$200	Prior Prior 20-21	PA&ED: 10/5/2015 R/W Cert: 4/2/2021 RTL: 5/7/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$250	\$250		
			Total Project Cost:	\$500		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 14.1/19.0 1494E 0416000111	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	0K630 2021-22	R/W: \$295 Con: \$7,111	PA&ED: \$2,600 PS&E: \$1,200 R/W Sup: \$350 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 6/1/2022 Begin Con: 12/29/2022
<i>Carryover</i>			Subtotal: \$7,406 Total Project Cost:	\$5,650 \$13,056		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 682.0 Linear feet rail
4 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	682.0	682.0	Linear feet rail
Post Condition	682.0	0.0	0.0	682.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 21-0014	Good	Good
Bridge No. 21-0047	Fair	Fair
Bridge No. 21-0048	Good	Good
Bridge No. 21-0051	Good	Good

04-Napa-29 28.4/29.3 1462K 0416000375	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge rails.	2K150 2022-23	R/W: \$748 Con: \$4,188	PA&ED: \$1,040 PS&E: \$800 R/W Sup: \$500 Con Sup: \$800	Prior 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 4/1/2023 RTL: 4/3/2023 Begin Con: 10/1/2023
<i>Carryover</i>			Subtotal: \$4,936 Total Project Cost:	\$3,140 \$8,076		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 328.0 Linear feet rail
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	328.0	328.0	Linear feet rail
Post Condition	328.0	0.0	0.0	328.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 21-0016	Good	Good
Bridge No. 21-0017	Good	Good

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 38.9/42.9 1483E 0418000401	Near Calistoga, at Garnett Creek Bridge No. 21-0005 (PM 39.08), Garnet Creek Branch Bridge No. 21-0111 (PM 38.96), and No Name Creek Bridge No. 21-0100 (PM 42.83). Bridge	2J88U 2020-21	R/W: \$2,166 Con: \$5,266	PA&ED: \$1,320 PS&E: \$1,810 R/W Sup: \$566 Con Sup: \$1,950	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 11/1/2020 RTL: 12/15/2020 Begin Con: 6/15/2021
Carryover	preventative maintenance and scour mitigation.		Subtotal: \$7,432	\$5,646		
			Total Project Cost:	\$13,078		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset
(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,055.0	2,717.0	3,772.0	Square feet
Post Condition	3,772.0	0.0	0.0	3,772.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 21-005	Poor	Poor
Bridge No. 21-0100	Poor	Good
Bridge No. 21-0111	Fair	Fair

ROADWAY PRESERVATION

04-Napa-29 R7.3/13.5 2027P 0419000030	In the city of Napa, from north of Napa River Bridge to south of Sierra Avenue. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q610 2023-24	R/W: \$107 Con: \$23,299	PA&ED: \$2,454 PS&E: \$2,343 R/W Sup: \$170 Con Sup: \$2,488	20-21 22-23 22-23 23-24	PA&ED: 1/3/2022 R/W Cert: 4/1/2024 RTL: 4/29/2024 Begin Con: 3/3/2025
New			Subtotal: \$23,406	\$7,455		
			Total Project Cost:	\$30,861		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 25.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.1	5.2	25.3	Lane mile(s)
Post Condition	25.3	0.0	0.0	25.3	Lane mile(s)

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 29.3/36.9 1490D 0415000320	In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement rehabilitation.	4J300 2020-21	R/W: \$20 Con: \$9,647	PA&ED: \$900 PS&E: \$1,100 R/W Sup: \$44 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 7/10/2020 R/W Cert: 2/19/2021 RTL: 5/7/2021 Begin Con: 4/1/2022
			Subtotal: \$9,667	\$3,144		
Carryover			Total Project Cost:	\$12,811		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.8	4.4	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-Napa-121 R4.5/10.7 2025N 0418000310	In and near the city of Napa, from Route 29 to north of Vichy Avenue. Rehabilitate pavement, upgrade signs and guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q620 2023-24	R/W: \$1,220 Con: \$20,942	PA&ED: \$1,140 PS&E: \$2,010 R/W Sup: \$3,170 Con Sup: \$3,970	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 7/3/2023 RTL: 8/4/2023 Begin Con: 2/1/2024
			Subtotal: \$22,162	\$10,290		
New			Total Project Cost:	\$32,452		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	0.7	14.6	Lane mile(s)
Post Condition	14.6	0.0	0.0	14.6	Lane mile(s)

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 1.7/5.1 1453K 0415000343	In American Canyon, at Rio Del Mar; also near American Canyon at 0.3 mile south of North Kelly Road (PM 5.1). Rehabilitate culverts.	4J410 2021-22	R/W: \$294 Con: \$3,336	PA&ED: \$1,086 PS&E: \$786 R/W Sup: \$350 Con Sup: \$706	Prior 20-21 20-21 21-22	PA&ED: 11/4/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 1/11/2022
Carryover			Subtotal: \$3,630	\$2,928		
			Total Project Cost:	\$6,558		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	290.0	0.0	290.0	Linear feet
Post Condition	290.0	0.0	0.0	290.0	Linear feet

MOBILITY

04-Napa-121 7.2/7.4 1483B 0414000097	In the city of Napa, at the intersection with Third Street/East Avenue/Coombsville Road. Construct intersection improvements.	0J890 2023-24	R/W: \$340 Con: \$1,960	PA&ED: \$420 PS&E: \$510 R/W Sup: \$150 Con Sup: \$520	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
New			Subtotal: \$2,300	\$1,600		
			Total Project Cost:	\$3,900		

Program 201.310 Operational Improvements
Project Output(s) 400.0 Daily vehicle hour(s) of delay (DVHD)

2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

04-Napa-29	In and near Yountville, from Oak Knoll	0P730	R/W:	PA&ED:	\$659	20-21	PA&ED:	4/4/2022
15.6/22.8	Avenue to Oakville Cross Road.	2022-23	Con: \$3,605	PS&E:	\$408	21-22	R/W Cert:	8/1/2022
1464H	Advance mitigation credit purchases			R/W Sup:	\$10	21-22	RTL:	9/5/2022
0417000512	for planned SHOPP projects to			Con Sup:			Begin Con:	6/5/2023
	minimize impacts on biological		Subtotal: \$3,605		\$1,077			
New	resources. Financial Contribution Only		Total Project Cost:		\$4,682			
	(FCO) to the Napa County Flood							
	Control District for construction							
	implementation.							

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Napa County	
R/W:	\$14,596 PA&ED: \$19,398
Const:	\$111,851 PS&E: \$18,129
	R/W Sup: \$7,005
	Con Sup: \$21,811
Subtotal:	\$126,447 \$66,343
Total (Capital + Support):	\$192,790

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Nevada-20 29.7/30.9 3994 0315000116	Near Nevada City, from 0.1 mile east of White Cloud Campground to 0.9 mile west of Washington Road. Curve improvement, shoulder widening and improve clear recovery zone.	0H240 2020-21	R/W: \$613 Con: \$8,237	PA&ED: \$1,096 PS&E: \$976 R/W Sup: \$291 Con Sup: \$1,286	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$8,850	\$3,649		
			Total Project Cost:	\$12,499		

Program 201.010 Safety Improvements
Project Output(s) 46 Collision(s) reduced

03-Nevada-20 37.1/39.8 4000 0317000165	Near Emigrant Gap, from 0.3 mile west of Excelsior Point Road to 1.3 mile west of Zeibright Road. Curve improvement and widen shoulders.	2H620 2020-21	R/W: \$1,380 Con: \$27,480	PA&ED: \$3,920 PS&E: \$2,810 R/W Sup: \$410 Con Sup: \$3,480	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$28,860	\$10,620		
			Total Project Cost:	\$39,480		

Program 201.010 Safety Improvements
Project Output(s) 52 Collision(s) reduced

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 R10.0/31.7 4297 0317000008	In and near Truckee, at various locations from 1.0 mile east of Donner Lake Undercrossing to the Sierra County line. Replace guardrail with concrete barrier at twenty-one locations to reduce maintenance repairs.	1H840 2020-21	R/W: \$15 Con: \$8,310	PA&ED: \$120 PS&E: \$180 R/W Sup: \$30 Con Sup: \$680	Prior Prior Prior 20-21	PA&ED: 9/28/2019 R/W Cert: 10/1/2020 RTL: 10/2/2020 Begin Con: 4/15/2021
<i>Carryover</i>			Subtotal: \$8,325	\$1,010		
			Total Project Cost:	\$9,335		

Program 201.015 Collision Severity Reduction
Project Output(s) 11 Collision(s) reduced

MANDATES

03-Nevada-174 9.7/10.1 4450 0313000047	In Grass Valley, from Park Street to Route 20. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	3F680 2020-21	R/W: \$150 Con: \$1,660	PA&ED: \$180 PS&E: \$330 R/W Sup: \$86 Con Sup: \$360	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/2/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$1,810	\$956		
			Total Project Cost:	\$2,766		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 86 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86.0	86.0	Each
Post Condition	86.0	0.0	0.0	86.0	Each

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Nevada-80	Near Whitmore, from west of Crystal	3H560	R/W: \$520	PA&ED: \$3,620	20-21	PA&ED: 12/1/2021
R58.7/R60.2	Lake Road to east of Route 20	2022-23	Con: \$84,500	PS&E: \$4,210	21-22	R/W Cert: 2/15/2023
4305	Separation at Yuba Pass Separation			R/W Sup: \$430	21-22	RTL: 3/1/2023
0318000014	and Overhead No. 17-0023L/R (PM			Con Sup: \$8,500	22-23	Begin Con: 8/1/2023
	R58.7L/R/PM R60.2); also in Placer		Subtotal: \$85,020	\$16,760		
New	County, from PM R58.5L/R to PM		Total Project Cost:	\$101,780		
	R58.6L/R. Replace and widen bridge,					
	construct retaining walls in the					
	median, rehabilitate drainage					
	systems, and install Roadway					
	Weather Information Systems (RWIS).					

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0		48,717.0	48,717.0	Square feet
Post Condition	48,717.0	0.0	0.0	48,717.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 17-0023L	Poor	Good
Bridge No. 17-0023R	Fair	Good

ROADWAY PRESERVATION

03-Nevada-20	In and near Grass Valley and Nevada	4H070	R/W: \$250	PA&ED: \$1,030	20-21	PA&ED: 8/16/2021
R12.2/20.0	City, from Route 20/49 Separation to	2023-24	Con: \$19,100	PS&E: \$1,570	21-22	R/W Cert: 10/3/2023
4002	east of Stonehill Road/Dow Road.			R/W Sup: \$340	21-22	RTL: 10/5/2023
0318000158	Rehabilitate pavement, replace sign			Con Sup: \$1,700	23-24	Begin Con: 3/15/2024
	panels, upgrade Transportation		Subtotal: \$19,350	\$4,640		
New	Management System (TMS) elements,		Total Project Cost:	\$23,990		
	rehabilitate drainage systems, and					
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.9	0.0	22.9	Lane mile(s)
Post Condition	22.9	0.0	0.0	22.9	Lane mile(s)

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 0.0/R2.7 5111 0317000043	Near Kingvale, from Placer County line to east of Donner Pass Road (PM 0.0/R2.7L/R); also in Placer County, from west of Troy Road Undercrossing to Nevada County line (PM 68.5/69.7). Rehabilitate roadway, construct truck climbing lane in eastbound direction, widen Kingvale Undercrossing No. 19-0107R, replace sign panels, upgrade lighting and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	1H990 2022-23	R/W: \$990 Con: \$69,100	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$500 Con Sup: \$9,000	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New			Subtotal: \$70,090 Total Project Cost:	\$15,500 \$85,590		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 15.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.9	9.4	0.2	15.5	Lane mile(s)
Post Condition	15.5	0.0	0.0	15.5	Lane mile(s)

03-Nevada-80 13.0/15.5 4294 0316000064	In Truckee, from west of Donner Pass Road Overcrossing to Bridge Street Undercrossing (PM 13.04/15.5). Rehabilitate roadway, construct auxiliary lane, upgrade Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H180 2022-23	R/W: \$355 Con: \$15,600	PA&ED: \$1,120 PS&E: \$1,600 R/W Sup: \$120 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 3/15/2023 RTL: 5/1/2023 Begin Con: 8/23/2023
New			Subtotal: \$15,955 Total Project Cost:	\$4,840 \$20,795		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	10.1	0.0	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-49 0.0/7.5 4124 0315000112	Near Higgins Corner, from the Placer County line to 0.3 mile north of Lime Kiln Road; also in Placer County, at PM R8.42 and PM R10.23. Rehabilitate drainage systems.	0H210 2020-21	R/W: \$200 Con: \$2,640	PA&ED: \$513 PS&E: \$743 R/W Sup: \$547 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 8/18/2019 R/W Cert: 9/15/2020 RTL: 10/1/2020 Begin Con: 4/15/2021
Carryover			Subtotal: \$2,840	\$2,313		
			Total Project Cost:	\$5,153		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	114.7	950.4	1,979.0	3,044.1	Linear feet
Post Condition	3,044.1	0.0	0.0	3,044.1	Linear feet

MOBILITY

03-Nevada-20 25.1/25.2 3997 0316000006	Near Nevada City and Emigrant Gap, at west of Pine Needle Way (PM 25.15), and at west of Last Chance Mine Road (PM 37.05); also in Placer County, on Route 193 near Newcastle, at various locations from PM 6.7 to 8.5. Operational improvements to upgrade or construct roadway turnouts at five locations.	0H690 2020-21	R/W: \$110 Con: \$1,280	PA&ED: \$170 PS&E: \$280 R/W Sup: \$120 Con Sup: \$460	Prior Prior Prior 20-21	PA&ED: 7/19/2019 R/W Cert: 12/14/2020 RTL: 1/4/2021 Begin Con: 6/1/2021
Carryover			Subtotal: \$1,390	\$1,030		
			Total Project Cost:	\$2,420		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-20 28.0/32.4 3996 0316000004	Near Nevada City and Junction House, from east of Conservation Road (Washington Ridge Road) to east of Washington Road.	0H660 2020-21	R/W: \$90 Con: \$3,640	PA&ED: \$340 PS&E: \$470 R/W Sup: \$60 Con Sup: \$530	Prior Prior Prior 20-21	PA&ED: 5/15/2020 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 8/2/2021
<i>Carryover</i>	Operational improvements to widen for left-turn pockets and roadway turnouts.		Subtotal: \$3,730	\$1,400		
			Total Project Cost:	\$5,130		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

03-Nevada-20 36.8/37.0 3999 0317000005	Near Bear Valley and Emigrant Gap, from 2.0 miles east of Chalk Bluff Road to 0.2 mile west of Excelsior Point Road. Operational improvement to make existing roadway turnout standard width with shoulders.	1H810 2020-21	R/W: \$20 Con: \$1,900	PA&ED: \$340 PS&E: \$530 R/W Sup: \$140 Con Sup: \$410	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$1,920	\$1,420		
			Total Project Cost:	\$3,340		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

03-Nevada-80 28.3/28.7 4293	Near Truckee and Floriston, from 0.2 mile east of Truckee River Bridge to 0.8 mile west of Farad Road.	1H010 2020-21	R/W: \$10 Con: \$5,500	PA&ED: \$570 PS&E: \$1,150 R/W Sup: \$160 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/15/2020 RTL: 10/9/2020 Begin Con: 3/7/2021
0316000046	Construct measures to address cut slope erosion and rockfall.		Subtotal: \$5,510	\$2,900		
<i>Carryover</i>			Total Project Cost:	\$8,410		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

03-Nevada-80 29.5/29.7 4298	Near Truckee and Floriston, from Farad Road to 2.17 mile west of Sierra County line. Mitigate rockfall and stabilize cut slope erosion with draped mesh and a drainage ditch.	2H000 2020-21	R/W: \$90 Con: \$3,400	PA&ED: \$440 PS&E: \$750 R/W Sup: \$280 Con Sup: \$610	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 10/1/2020 RTL: 10/9/2020 Begin Con: 2/3/2021
0317000044			Subtotal: \$3,490	\$2,080		
<i>Carryover</i>			Total Project Cost:	\$5,570		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 31.3/31.8 4299 0317000172	Near Truckee and Floriston, from 1.9 miles east of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway.	2H690 2021-22	R/W: \$30 Con: \$6,200	PA&ED: \$410 PS&E: \$890 R/W Sup: \$120 Con Sup: \$1,080	Prior Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 10/8/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$6,230	\$2,500		
			Total Project Cost:	\$8,730		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Nevada County

R/W:	\$4,823	PA&ED:	\$16,869
Const:	\$258,547	PS&E:	\$19,489
		R/W Sup:	\$3,634
		Con Sup:	\$31,626
Subtotal:	\$263,370		\$71,618
Total (Capital + Support):			\$334,988

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

12-Orange-1 8.5 2285 1218000062	In Laguna Beach, at the intersection with Cress Street. Improve safety by modifying existing signals, adding safety lighting, adding protected left-turn signal heads, and upgrading facilities to Americans with Disabilities Act (ADA) standards.	0R170 2022-23	R/W: \$115 Con: \$788	PA&ED: \$210 PS&E: \$480 R/W Sup: \$210 Con Sup: \$380	Prior 20-21 20-21 22-23	PA&ED: 5/1/2021 R/W Cert: 12/1/2022 RTL: 12/1/2022 Begin Con: 7/1/2023
<i>Carryover</i>			Subtotal: \$903	\$1,280		
			Total Project Cost:	\$2,183		

Program 201.010 Safety Improvements
Project Output(s) 16 Collision(s) reduced

12-Orange-1 20.4/23.7 2403B 1217000114	In Newport Beach and Huntington Beach, at the intersection with Superior Avenue/Balboa Boulevard (PM 20.37) and at the intersection with Beach Boulevard (Route 39) (PM 23.74). Improve safety by modifying the traffic signals, adding safety lighting, refreshing pavement striping, and upgrading pedestrian facilities to Americans with Disabilities Act (ADA) standards.	0Q830 2021-22	R/W: \$7 Con: \$1,274	PA&ED: \$300 PS&E: \$850 R/W Sup: Con Sup: \$550	Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 12/13/2021
<i>Carryover</i>			Subtotal: \$1,281	\$1,700		
			Total Project Cost:	\$2,981		

Program 201.010 Safety Improvements
Project Output(s) 68 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 R29.2 2823 1218000098	In Tustin, at Red Hill Avenue. Improve safety by modifying traffic signal and upgrading safety lighting.	0R470 2021-22	R/W: \$9 Con: \$765	PA&ED: \$346 PS&E: \$605 R/W Sup: Con Sup: \$478	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$774	\$1,429		
			Total Project Cost:	\$2,203		

Program 201.010 Safety Improvements
Project Output(s) 16 Collision(s) reduced

12-Orange-5 30.3/31.4 2834A 1217000112	In Tustin and Santa Ana, from Route 55 to south of Grand Avenue. Cold plane existing asphalt concrete, overlay with Open Graded Friction Course (OGFC), and apply High Friction Surface Treatment (HFST).	0Q820 2021-22	R/W: \$9 Con: \$7,396	PA&ED: \$918 PS&E: \$1,311 R/W Sup: Con Sup: \$1,660	Prior Prior 21-22	PA&ED: 12/20/2019 R/W Cert: 9/1/2021 RTL: 10/5/2021 Begin Con: 2/25/2022
<i>Carryover</i>			Subtotal: \$7,396	\$3,889		
			Total Project Cost:	\$11,285		

Program 201.010 Safety Improvements
Project Output(s) 161 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 36.1 2860U 1218000102	In Anaheim, on the southbound onramp from Katella Avenue. Improve drainage, install High Friction Surface Treatment (HFST), and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0R510 2021-22	R/W: \$20 Con: \$2,551	PA&ED: \$438 PS&E: \$1,086 R/W Sup: \$23 Con Sup: \$701	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 9/15/2022
Carryover			Subtotal: \$2,571	\$2,248		
			Total Project Cost:	\$4,819		

Program 201.010 Safety Improvements
Project Output(s) 35 Collision(s) reduced

12-Orange-22 R1.2 2873B 1217000082	In Garden Grove, on the westbound offramp to Valley View Street. Modify existing traffic signals, add safety lighting, refresh pavement striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q650 2020-21	R/W: \$5 Con: \$672	PA&ED: \$320 PS&E: \$380 R/W Sup: Con Sup: \$458	Prior Prior 20-21	PA&ED: 9/23/2019 R/W Cert: 12/9/2020 RTL: 1/29/2021 Begin Con: 8/16/2021
Carryover			Subtotal: \$677	\$1,158		
			Total Project Cost:	\$1,835		

Program 201.010 Safety Improvements
Project Output(s) 28 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-22 R5.5 2916 1218000076	In Garden Grove, on the westbound onramp from Trask Avenue/Brookhurst Street. Place High Friction Surface Treatment (HFST), add pavement delineation, and install concrete barrier.	0R290 2022-23	R/W: Con: \$840	PA&ED: \$311 PS&E: \$384 R/W Sup: Con Sup: \$412	Prior 20-21 22-23	PA&ED: 4/19/2021 R/W Cert: 7/8/2022 RTL: 7/18/2022 Begin Con: 2/20/2023
Carryover			Subtotal: \$840	\$1,107		
			Total Project Cost:	\$1,947		

Program 201.010 Safety Improvements
Project Output(s) 15 Collision(s) reduced

12-Orange-22 R10.7/R12.7 2970A 1216000129	In the cities of Orange and Santa Ana, from 0.2 mile east of Route 5 to 0.2 mile west of Tustin Avenue. Replace median barrier, add safety lighting and improve drainage.	0Q320 2021-22	R/W: Con: \$6,500	PA&ED: \$814 PS&E: \$1,396 R/W Sup: \$2 Con Sup: \$2,437	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 9/1/2022
Carryover			Subtotal: \$6,500	\$4,649		
			Total Project Cost:	\$11,149		

Program 201.010 Safety Improvements
Project Output(s) 120 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-39 9.7 3182 1217000080	In Stanton, at the intersection of Chapman Avenue. Modify signals, add safety lighting, add crosswalk striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q640 2020-21	R/W: \$63 Con: \$890	PA&ED: \$345 PS&E: \$475 R/W Sup: \$76 Con Sup: \$385	Prior Prior Prior 20-21	PA&ED: 5/23/2019 R/W Cert: 10/1/2020 RTL: 11/1/2020 Begin Con: 6/30/2021
Carryover			Subtotal: \$953	\$1,281		
			Total Project Cost:	\$2,234		

Program 201.010 Safety Improvements
Project Output(s) 31 Collision(s) reduced

12-Orange-55 0.6 3407A 1218000101	In Newport Beach, at Hospital Road. Modify signals, add safety lighting and guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0R500 2021-22	R/W: \$4 Con: \$916	PA&ED: \$300 PS&E: \$635 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 8/15/2020 R/W Cert: 4/1/2022 RTL: 4/15/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$920	\$1,535		
			Total Project Cost:	\$2,455		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-55 13.8/13.9 3542A 1218000049	In the city of Orange, on the northbound onramp from Chapman Avenue and on the southbound offramp to Chapman Avenue.	0R150 2021-22	R/W: Con: \$2,140	PA&ED: \$300 PS&E: \$800 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
<i>Carryover</i>	Improve safety by modifying existing traffic signals for improved visibility, adding safety lighting, refreshing pavement markings, and upgrading curb ramps to Americans with Disabilities Act (ADA) standards.		Subtotal: \$2,140	\$1,700		
			Total Project Cost:	\$3,840		
			Program	201.010 Safety Improvements		
			Project Output(s)	34 Collision(s) reduced		

12-Orange-57 11.0/R22.6 3747B 1220000043	In and near the cities of Orange, Anaheim, Placentia, Fullerton, and Brea, from south of Chapman Avenue to the Los Angeles County line (PM 11.0R/R22.551). Add safety lighting, replace pavement delineation, and add route shields.	0S330 2023-24	R/W: \$4 Con: \$9,968	PA&ED: \$1,120 PS&E: \$1,860 R/W Sup: \$66 Con Sup: \$1,980	Prior 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 6/1/2024
<i>Carryover</i>			Subtotal: \$9,972	\$5,026		
			Total Project Cost:	\$14,998		
			Program	201.010 Safety Improvements		
			Project Output(s)	656 Collision(s) reduced		

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-57 15.6 3792B 1217000104	In Anaheim, on the northbound Route 57 loop connector to westbound Route 91. Apply High Friction Surface Treatment (HFST) and enhanced visibility delineation.	0Q790 2020-21	R/W: Con: \$554	PA&ED: PS&E: \$400 R/W Sup: Con Sup: \$354	Prior 20-21	PA&ED: 10/1/2018 R/W Cert: 7/1/2020 RTL: 8/1/2020 Begin Con: 3/1/2021
Carryover			Subtotal: \$554	\$754		
			Total Project Cost:	\$1,308		

Program 201.010 Safety Improvements
Project Output(s) 9 Collision(s) reduced

12-Orange-90 1.0/3.5 4325 1218000063	In La Habra and Brea, at Idaho Street, Walnut Street, and Puente Street. Modify and install new traffic signals and add safety lighting.	0R180 2021-22	R/W: \$39 Con: \$2,361	PA&ED: \$639 PS&E: \$915 R/W Sup: Con Sup: \$957	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 1/10/2022 RTL: 3/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$2,400	\$2,511		
			Total Project Cost:	\$4,911		

Program 201.010 Safety Improvements
Project Output(s) 63 Collision(s) reduced

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-91 R1.8/R3.4 4532A 1216000124	In Buena Park, in eastbound direction from Knott Avenue to Route 5. Enhance lane assignment and motorist safety by installing additional guide sign structures, upgrading sign panels and guardrail, refreshing and extending striping, and reconstructing concrete median barrier.	0Q310 2020-21	R/W: \$5 Con: \$3,140	PA&ED: \$640 PS&E: \$908 R/W Sup: \$10 Con Sup: \$810	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 7/1/2020 RTL: 7/31/2020 Begin Con: 12/30/2020
Carryover			Subtotal: \$3,145	\$2,368		
			Total Project Cost:	\$5,513		

Program 201.010 Safety Improvements
Project Output(s) 253 Collision(s) reduced

12-Orange-1 R0.1/R0.9 2209A 1218000013	In Dana Point, from Route 5 (PM R0.129) to north of Doheny Park Road. Improve worker safety by installing Maintenance Vehicle Pullouts (MVPs) and relocating roadside facilities away from traffic, and construct stormwater Best Management Practices (BMPs).	0Q990 2022-23	R/W: \$6,100 Con:	PA&ED: \$430 PS&E: \$720 R/W Sup: Con Sup: \$750	20-21 21-22 22-23	PA&ED: 8/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 1/2/2024
New			Subtotal: \$6,100	\$1,900		
			Total Project Cost:	\$8,000		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 24 Location(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 34.5/36.8 2860N 1216000046	In and near Anaheim, from Santa Ana Bridge No. 55-0811 to 0.6 mile south of Harbor Boulevard Overcrossing. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P900 2020-21	R/W: Con: \$2,000	PA&ED: \$270 PS&E: \$400 R/W Sup: Con Sup: \$330	Prior Prior 20-21	PA&ED: 8/6/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 8/1/2021
<i>Carryover</i>			Subtotal: \$2,000	\$1,000		
			Total Project Cost:	\$3,000		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 40 Location(s)

12-Orange-5 36.8/38.5 2861E 1216000047	In Anaheim, from north of Anaheim Boulevard to Santa Ana Street. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P910 2020-21	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	Prior Prior 20-21	PA&ED: 12/1/2019 R/W Cert: 12/1/2020 RTL: 2/1/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$2,000	\$1,000		
			Total Project Cost:	\$3,000		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 40 Location(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
12-Orange-5 38.5/41.6 2861Z 1216000044	In Anaheim, from Santa Ana Street Overcrossing (OC) to 0.3 mile south of Magnolia Avenue OC. Enhance highway worker safety by paving miscellaneous areas, install access gates and relocate irrigation facilities away from the edge of the road.	0P920 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

12-Orange-5 41.9/43.1 2862H 1216000045	In Fullerton and Buena Park, from Magnolia Avenue to Stanton Avenue; also on Route 91, from Stanton Avenue to Brookhurst Street (PM R2.8/1.2). Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P930 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 4/1/2023
<i>Carryover</i>			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 80 Location(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

12-Orange-1 12.2/13.3 2322B 1215000158	In Newport Beach, from 815 feet south of Reef Point Drive to 1,850 feet north of Crystal Heights Drive. Restore bioswales.	0P660 2020-21	R/W: Con: \$1,827	PA&ED: \$271 PS&E: \$628 R/W Sup: Con Sup: \$501	Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 5/1/2020 RTL: 8/1/2020 Begin Con: 6/1/2021
<i>Carryover</i>			Subtotal: \$1,827	\$1,400		
			Total Project Cost:	\$3,227		

Program 201.335 Storm Water Mitigation
Project Output(s) 9.0 Acre(s) treated/pollutant

12-Orange-57 22.0 3846B 1216000117	In and near Brea, from south of Lambert Road to Los Angeles County line (PM R22.551). Construct storm water treatment Best Management Practices (BMPs) in the form of new detention basin to reduce Trash Total Maximum Daily Load (TMDL) to the San Gabriel-Coyote Creek watershed.	0Q270 2021-22	R/W: Con: \$6,797	PA&ED: \$887 PS&E: \$1,200 R/W Sup: Con Sup: \$1,500	Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$6,797	\$3,587		
			Total Project Cost:	\$10,384		

Program 201.335 Storm Water Mitigation
Project Output(s) 29.8 Acre(s) treated/pollutant

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-1 5.5/7.9 2255 1216000003	In Laguna Beach, from 7th Avenue to north of Moss Street. Upgrade existing curb ramps, sidewalks, and driveways to Americans with Disabilities Act (ADA) standards.	0P690 2020-21	R/W: \$3,121 Con: \$1,909	PA&ED: PS&E: \$3,399 R/W Sup: \$2,864 Con Sup: \$3,551	Prior Prior 20-21	PA&ED: 3/20/2019 R/W Cert: 3/1/2021 RTL: 4/19/2021 Begin Con: 1/1/2022
Carryover			Subtotal: \$5,030	\$9,814		
			Total Project Cost:	\$14,844		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 57 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	56.0	56.0	Each
Post Condition	57.0	0.0	0.0	57.0	Each

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

12-Orange-73	In Laguna Hills, Laguna Niguel, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Moulton Parkway to Bristol Street.	0R340	R/W: \$5	PA&ED: \$494	Prior	PA&ED: 4/2/2020
12.9/R26.8 4080		2021-22	Con: \$3,094	PS&E: \$1,294	Prior	R/W Cert: 7/2/2021
1218000079				R/W Sup:		RTL: 8/2/2021
				Con Sup: \$1,007	21-22	Begin Con: 6/1/2022
			Subtotal: \$3,099	\$2,795		
Carryover	Rehabilitate bridge decks, bridge joints and approach slabs to preserve service life on ten bridges.		Total Project Cost:	\$5,894		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 10 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	48,912.0	186,895.0	7,180.0	242,987.0	Square feet
Post Condition	242,986.0	0.0	0.0	242,986.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 55-0517F	Poor	Good
Bridge No. 55-0539R	Fair	Fair
Bridge No. 55-0541R	Fair	Fair
Bridge No. 55-0544G	Good	Good
Bridge No. 55-0637S	Fair	Fair
Bridge No. 55-0745L	Fair	Good
Bridge No. 55-0750R	Good	Good
Bridge No. 55-0754L	Good	Good
Bridge No. 55-0754R	Fair	Good
Bridge No. 55-0757	Fair	Good

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-241 14.5/25.7 3102A 1218000011	In Rancho Santa Margarita, Mission Viejo, Lake Forest, and Irvine, from Oso Parkway (PM 14.545) to 0.7 mile north of Portola Parkway. Rehabilitate Trabuco Creek Bridge No. 55-0700R/L, upgrade Transportation Management System (TMS) elements, upgrade safety devices, and improve highway worker safety.	0Q980 2022-23	R/W: Con: \$13,592	PA&ED: \$1,641 PS&E: \$2,654 R/W Sup: Con Sup: \$2,280	20-21 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/3/2022 RTL: 11/1/2022 Begin Con: 7/5/2023
<i>New</i>			Subtotal: \$13,592	\$6,575		
			Total Project Cost:	\$20,167		
			Program	201.110 Bridge Major Rehabilitation		
			Project Output(s)	2 Bridge(s)		

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	156,696.0	120,375.0	277,071.0	Square feet
Post Condition	277,071.0	0.0	0.0	277,071.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 55-0700L	Poor	Good
Bridge No. 55-0700R	Fair	Fair

12-Orange-55 4.7 3450A 1217000003	In Costa Mesa, at the Route 55/73 Connector Overcrossing Bridge No. 55-538F (PM 4.74). Seismic restoration.	0Q390 2020-21	R/W: Con: \$14,000	PA&ED: \$1,048 PS&E: \$2,279 R/W Sup: \$11 Con Sup: \$3,500	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 3/15/2021 RTL: 5/28/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$14,000	\$6,838		
			Total Project Cost:	\$20,838		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	1 Bridge(s)		

Primary Asset (Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	91,741.0	91,741.0	Square feet
Post Condition	91,741.0	0.0	0.0	91,741.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 55-0538F	Fair	Fair

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-Var 1204 1217000128 Carryover	In Orange County, on Routes 5, 133, and 241 at various locations. Rehabilitate 25 bridges. (G13 Contingency)	0Q930 2021-22	R/W: \$58 * Con: \$15,456	PA&ED: \$1,215 PS&E: \$2,500 R/W Sup: \$155 * Con Sup: \$3,720	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 8/1/2021 RTL: 10/1/2021 Begin Con: 5/2/2022
			Subtotal: \$15,514	\$7,590		
			Total Project Cost:	\$23,104		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 25 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	108,500.0	831,358.0	0.0	939,858.0	Square feet
Post Condition	939,858.0	0.0	0.0	939,858.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 55-0002	Fair	Fair
Bridge No. 55-0151	Fair	Fair
Bridge No. 55-0191	Fair	Good
Bridge No. 55-0221	Good	Good
Bridge No. 55-0224	Fair	Good
Bridge No. 55-0228	Good	Good
Bridge No. 55-0463	Fair	Fair
Bridge No. 55-0509	Fair	Good
Bridge No. 55-0591	Fair	Good
Bridge No. 55-0629	Fair	Good
Bridge No. 55-0631	Fair	Good
Bridge No. 55-0645G	Fair	Good
Bridge No. 55-0655	Fair	Good
Bridge No. 55-0703L	Fair	Good
Bridge No. 55-0703R	Fair	Good
Bridge No. 55-0738S	Fair	Fair
Bridge No. 55-0739K	Fair	Good
Bridge No. 55-0740S	Fair	Good
Bridge No. 55-0771F	Fair	Fair
Bridge No. 55-0772L	Fair	Fair
Bridge No. 55-0772R	Fair	Fair
Bridge No. 55-0773L	Fair	Good
Bridge No. 55-0773R	Fair	Good
Bridge No. 55-0774L	Fair	Good
Bridge No. 55-0774R	Fair	Good

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

12-Orange-Var 3959 1218000117 Carryover	In the cities of Santa Ana, Tustin, Irvine, Newport Beach, Costa Mesa, and Anaheim on various routes. Rehabilitate pavement by repairing broken concrete slabs and replacing asphalt concrete with Rubberized Hot Mix Asphalt (RHMA-G) at 17 connectors, one ramp and one overcrossing. (G13 Contingency)	OR560 2021-22	R/W: * Con: \$26,500	PA&ED: \$3,000 PS&E: \$5,400 R/W Sup: * Con Sup: \$5,500	Prior 20-21 21-22	PA&ED: 8/1/2020 R/W Cert: 1/28/2022 RTL: 3/1/2022 Begin Con: 9/2/2022
			Subtotal: \$26,500	\$13,900		
			Total Project Cost:	\$40,400		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	19.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.4	0.0	19.4	Lane mile(s)
Post Condition	19.4	0.0	0.0	19.4	Lane mile(s)

12-Orange-1 5.5/7.9 2246A 1218000057 Carryover	In Laguna Beach, from 7th Street to Moss Street. Remove and replace pavement and with Rubberized Hot Mix Asphalt (RHMA).	OH151 2020-21	R/W: Con: \$3,206	PA&ED: PS&E: R/W Sup: Con Sup: \$779	20-21	PA&ED: R/W Cert: 3/1/2021 RTL: 3/2/2021 Begin Con: 1/1/2022
			Subtotal: \$3,206	\$779		
			Total Project Cost:	\$3,985		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	9.5 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.5	0.0	9.5	Lane mile(s)
Post Condition	9.5	0.0	0.0	9.5	Lane mile(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-1 17.4/21.5 2374 1218000090	In Newport Beach, from Jamboree Road to Santa Ana River Bridge. Pavement rehabilitation.	0R410 2021-22	R/W: \$132 Con: \$11,200	PA&ED: \$1,980 PS&E: \$2,660 R/W Sup: \$1,520 Con Sup: \$2,438	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 11/30/2021 RTL: 11/30/2021 Begin Con: 5/26/2022
				Subtotal: \$11,332	\$8,598	
<i>Carryover</i>				Total Project Cost:	\$19,930	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0		18.8	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

12-Orange-1 29.9/33.7 2499A 1215000149	In Huntington Beach, from Warner Avenue to Los Angeles County line. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	0P590 2020-21	R/W: \$503 Con: \$11,804	PA&ED: \$1,720 PS&E: \$2,932 R/W Sup: \$1,245 Con Sup: \$2,358	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 5/15/2021 RTL: 5/30/2021 Begin Con: 1/30/2022
				Subtotal: \$12,307	\$8,255	
<i>Carryover</i>				Total Project Cost:	\$20,562	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.9	0.0	14.9	Lane mile(s)
Post Condition	14.9	0.0	0.0	14.9	Lane mile(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 0.0/1.6 2530N 1218000065	In San Clemente, from the San Diego County line to El Camino Real. Pavement rehabilitation and upgrade safety devices.	OR200 2021-22	R/W: * Con: \$23,809	PA&ED: \$2,569 PS&E: \$3,824 R/W Sup: * Con Sup: \$3,849	Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 6/1/2021 RTL: 7/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$23,809	\$10,242		
			Total Project Cost:	\$34,051		

** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.8	0.0	12.8	Lane mile(s)
Post Condition	12.8	0.0	0.0	12.8	Lane mile(s)

12-Orange-55 0.2/R17.8 3402B 1218000078	In Newport Beach, Costa Mesa, Santa Ana, Tustin, Orange, and Anaheim, from Route 1 to Route 91. Rehabilitate pavement, rehabilitate drainage, upgrade lighting, rehabilitate bridge rail, rehabilitate landscaping, upgrade Transportation Management System (TMS) elements, and improve highway worker safety.	OR320 2023-24	R/W: \$61 * Con: \$74,500	PA&ED: \$5,000 PS&E: \$7,500 R/W Sup: * Con Sup: \$8,000	20-21 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 3/1/2024 RTL: 6/7/2024 Begin Con: 12/4/2024
<i>New</i>	(G13 Contingency)		Subtotal: \$74,561	\$20,500		
			Total Project Cost:	\$95,061		

** Construction Capital and * Construction Support phases are NOT authorized*
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 66.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	66.0	0.0	66.0	Lane mile(s)
Post Condition	66.0	0.0	0.0	66.0	Lane mile(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
12-Orange-91 R0.0/4.8 4506F 1220000021	In La Palma, Buena Park, Anaheim, and Fullerton, from the Los Angeles County line to Acacia Street. Rehabilitate pavement, rehabilitate culverts, upgrade lighting, upgrade Transportation Management System (TMS) elements and make highway worker safety improvements. (G13 Contingency)	OR311 2023-24	R/W: \$229 * Con: \$39,360	PA&ED: \$2,150 PS&E: \$3,560 R/W Sup: \$474 * Con Sup: \$4,320	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 3/1/2024 RTL: 3/29/2024 Begin Con: 12/2/2024	
New			Subtotal: \$39,589	\$10,504			
			Total Project Cost:	\$50,093			
			* Construction Capital and * Construction Support phases are NOT authorized				
			SBI Baseline Agreement Required				
			Program	201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s)	58.3 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	58.3	0.0	58.3	Lane mile(s)
Post Condition	58.3	0.0	0.0	58.3	Lane mile(s)

12-Orange-91 4.8/6.4 4506G 1220000022	In Anaheim and Placentia, from Acacia Street to La Palma Avenue. Rehabilitate pavement, rehabilitate culverts, upgrade lighting, upgrade Transportation Management System (TMS) elements and make highway worker safety improvements. (G13 Contingency)	OR312 2023-24	R/W: \$20,044 * Con: \$20,044	PA&ED: \$885 PS&E: \$1,600 R/W Sup: \$20 * Con Sup: \$2,220	20-21 21-22 21-22 23-24	PA&ED: 4/1/2021 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 12/2/2024
New			Subtotal: \$20,044	\$4,725		
			Total Project Cost:	\$24,769		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	13.6 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.6	0.0	13.6	Lane mile(s)
Post Condition	13.6	0.0	0.0	13.6	Lane mile(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-91 6.4/R9.2 4506H 1220000025	In and near Anaheim, from La Palma Avenue to Route 55. Rehabilitate pavement, rehabilitate culverts, upgrade lighting, upgrade Transportation Management System (TMS) elements and make highway worker safety improvements. (G13 Contingency)	0R313 2023-24	R/W: \$37 * Con: \$37,060	PA&ED: \$2,070 PS&E: \$2,660 R/W Sup: \$20 * Con Sup: \$3,590	20-21 21-22 21-22 23-24	PA&ED: 4/1/2021 R/W Cert: 11/1/2023 RTL: 12/1/2023 Begin Con: 6/3/2024
New			Subtotal: \$37,097	\$8,340		
			Total Project Cost:	\$45,437		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	18.9 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	18.6	0.3	18.9	Lane mile(s)
Post Condition	18.9	0.0	0.0	18.9	Lane mile(s)

12-Orange-241 24.5/39.0 5502 1212000053	In and near the cities of Anaheim, Irvine, and Orange, from Portola Parkway to Route 91. Pavement rehabilitation.	0H047 2020-21	R/W: Con: \$18,927	PA&ED: PS&E: \$3,205 R/W Sup: Con Sup: \$3,668	Prior 20-21	PA&ED: 9/14/2018 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 11/30/2021
Carryover			Subtotal: \$18,927	\$6,873		
			Total Project Cost:	\$25,800		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	20.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	6.1	14.3	0.0	20.4	Lane mile(s)
Post Condition	20.4	0.0	0.0	20.4	Lane mile(s)

2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-405 0.2/11.4 5040D 1218000010	In and near Irvine and Costa Mesa, from Route 5 to Harbor Boulevard. Rehabilitate pavement, replace bridge approach and departure slabs, upgrade bridge railings, improve highway worker safety, upgrade safety devices, and upgrade Transportation Management System (TMS) elements. This is a Design-Build project. (G13 Contingency)	0Q970 2022-23	R/W: \$250 * Con: \$157,000	PA&ED: \$9,100 PS&E: \$13,000 R/W Sup: \$1,000 * Con Sup: \$17,000	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 10/2/2023 RTL: 9/1/2022 Begin Con: 10/2/2023
New			Subtotal: \$157,250	\$40,100		
			Total Project Cost:	\$197,350		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
				Program	201.121 Pavement Rehabilitation (CAPM)	
				Project Output(s)	91.0 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	90.9	0.1	91.0	Lane mile(s)
Post Condition	91.0	0.0	0.0	91.0	Lane mile(s)

12-Orange-405 16.9/24.2 5094C 1218000120	In Huntington Beach, Westminster, Garden Grove, and Seal Beach, from south of McFadden Avenue to the Los Angeles County line. Rehabilitate pavement, improve highway worker safety, rehabilitate landscaping, and install a Weigh-in-Motion (WIM) system. (G13 Contingency)	0R570 2023-24	R/W: * Con: \$49,367	PA&ED: \$3,146 PS&E: \$5,016 R/W Sup: \$21 * Con Sup: \$6,450	20-21 21-22 23-24 23-24	PA&ED: 2/1/2022 R/W Cert: 1/1/2024 RTL: 6/3/2024 Begin Con: 3/3/2025
New			Subtotal: \$49,367	\$14,633		
			Total Project Cost:	\$64,000		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
				Program	201.121 Pavement Rehabilitation (CAPM)	
				Project Output(s)	79.8 Lane mile(s)	

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.8	79.8	Lane mile(s)
Post Condition	79.8	0.0	0.0	79.8	Lane mile(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

12-Orange-133	In Irvine, from southbound 5/SB 133	0N890	R/W: \$253	PA&ED: \$1,503	Prior	PA&ED: 4/3/2020
8.5/M9.3	Connector to southbound 133/NB 405	2021-22	Con: \$16,632	PS&E: \$3,224	Prior	R/W Cert: 9/30/2021
4846	Connector. Construct a new auxiliary			R/W Sup: \$652	Prior	RTL: 10/29/2021
1214000130	lane to improve traffic flow.			Con Sup: \$4,544	21-22	Begin Con: 3/31/2022
			Subtotal: \$16,885	\$9,923		
<i>Carryover</i>			Total Project Cost:	\$26,808		

Program 201.310 Operational Improvements
Project Output(s) 271.0 Daily vehicle hour(s) of delay (DVHD)

12-Orange-1	In the cities of Newport Beach,	0P680	R/W: \$745	PA&ED: \$1,891	Prior	PA&ED: 2/1/2019
13.0/33.6	Huntington Beach and Seal Beach,	2020-21	Con: \$12,925	PS&E: \$4,299	Prior	R/W Cert: 5/15/2021
2330	from Crystal Heights Drive to First			R/W Sup: \$1,244	Prior	RTL: 5/30/2021
1216000002	Street. Replace traffic signals,			Con Sup: \$3,537	20-21	Begin Con: 1/30/2022
			Subtotal: \$13,670	\$10,971		
<i>Carryover</i>			Total Project Cost:	\$24,641		

Program 201.315 Transportation Management Systems
Project Output(s) 19 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	19	Field element(s)
Post Condition	100.0%	0.0%	19	Field element(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY			
12-Orange-91 R9.2/R10.8 4506I 1220000026	In Anaheim, from Route 55 to 0.7 mile west of Route 90. Upgrade Transportation Management System (TMS) elements, upgrade lighting, and make highway worker safety improvements. (G13 Contingency)	OR314	R/W: \$4	PA&ED: \$430	20-21	PA&ED: 4/1/2021		
		2023-24	* Con: \$5,530	PS&E: \$550	21-22	R/W Cert: 7/3/2023		
				R/W Sup: \$20	21-22	RTL: 9/1/2023		
				* Con Sup: \$490	23-24	Begin Con: 2/1/2024		
			Subtotal: \$5,534	\$1,490				
			Total Project Cost:	\$7,024				

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.315 Transportation Management Systems
Project Output(s) 14 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	14	Field element(s)
Post Condition	100.0%	0.0%	14	Field element(s)

12-Orange-91 R10.8/R18.9 4506J 1220000027	In Anaheim, from 0.7 mile west of Route 90 to Riverside County line (PM 18.905). Upgrade Transportation Management System (TMS) elements, rehabilitate culverts, upgrade lighting, and make highway worker safety improvements. (G13 Contingency)	OR315	R/W: \$41	PA&ED: \$750	20-21	PA&ED: 10/1/2021
		2023-24	* Con: \$11,710	PS&E: \$1,080	21-22	R/W Cert: 3/1/2024
				R/W Sup: \$20	21-22	RTL: 3/29/2024
				* Con Sup: \$1,160	23-24	Begin Con: 12/2/2024
			Subtotal: \$11,751	\$3,010		
			Total Project Cost:	\$14,761		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.315 Transportation Management Systems
Project Output(s) 53 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	53	Field element(s)
Post Condition	100.0%	0.0%	53	Field element(s)

**2020 SHOPP Project List
Orange
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Orange County

			R/W: \$5,710	PA&ED: \$50,051		
			Const: \$631,104	PS&E: \$89,269		
				R/W Sup: \$9,653		
				Con Sup: \$101,004		
			Subtotal: \$636,814		\$249,977	
			Total (Capital + Support):		\$886,791	

**2020 SHOPP Project List
Placer
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

03-Placer-80	Near Emigrant Gap, from 0.8 mile east to 2.1 miles east of Carpenter Flat Undercrossing, at two locations (PM R56.9L/R58.2L). Restore the structural integrity of storm damaged rockfall retention systems by replacing posts and base plates, and installing new ground anchors.	0J880	R/W:	PA&ED:	\$160	Prior	PA&ED: 11/25/2020
R56.9/R58.2		2021-22	Con: \$2,300	PS&E:	\$300	20-21	R/W Cert: 8/16/2021
5145				R/W Sup:	\$50	20-21	RTL: 8/30/2021
0320000036				Con Sup:	\$340	21-22	Begin Con: 2/16/2022
<i>Carryover</i>			Subtotal:	\$2,300	\$850		
			Total Project Cost:		\$3,150		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

COLLISION REDUCTION

03-Placer-49	Near Auburn, from 0.3 mile south of Lorenson Road/Florence Lane to 0.3 mile north of Lone Star Road. Construct concrete median barrier and two roundabouts.	4H600	R/W: \$2,000	PA&ED: \$1,500	Prior	PA&ED: 1/15/2021
R8.7/R10.6		2021-22	Con: \$18,500	PS&E: \$940	20-21	R/W Cert: 4/15/2022
4787				R/W Sup: \$900	20-21	RTL: 5/1/2022
0319000004				Con Sup: \$2,500	21-22	Begin Con: 9/5/2022
<i>Carryover</i>			Subtotal:	\$20,500	\$5,840	
			Total Project Cost:		\$26,340	

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

**2020 SHOPP Project List
Placer
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Placer-80 1.6/R66.5 5026 031600008	In and near various cities, at various locations from 0.3 mile west of Douglas Boulevard to 0.2 mile east of Hampshire Rocks Undercrossing.	0H720 2020-21	R/W: Con: \$2,600	PA&ED: \$40 PS&E: \$440 R/W Sup: \$120 Con Sup: \$550	Prior Prior Prior 20-21	PA&ED: 2/19/2019 R/W Cert: 7/15/2020 RTL: 8/15/2020 Begin Con: 3/1/2021
Carryover	Upgrade guardrail to current standards.		Subtotal: \$2,600	\$1,150		
			Total Project Cost:	\$3,750		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

ROADWAY PRESERVATION

03-Placer-28 0.1/11.0 4681 0319000184	Near Tahoe City and Kings Beach, from Route 89 to Nevada State line (PM 0.085/11.0). Rehabilitate pavement, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0J010 2022-23	R/W: \$950 Con: \$18,100	PA&ED: \$1,160 PS&E: \$1,420 R/W Sup: \$740 Con Sup: \$1,780	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/21/2022 RTL: 10/6/2022 Begin Con: 2/9/2023
New			Subtotal: \$19,050	\$5,100		
			Total Project Cost:	\$24,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	2.9	23.1	Lane mile(s)
Post Condition	23.1	0.0	0.0	23.1	Lane mile(s)

**2020 SHOPP Project List
Placer
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Placer-80 R26.5/28.8 5131 0318000017	Near Applegate, from east of Crother Road Overcrossing to east of Weimar Overhead; also near Magra from PM 39.5 to PM 41.3; also near Emigrant Gap from PM 53.0 to PM 54.7.	3H590 2022-23	R/W: \$1,000 * Con: \$93,500	PA&ED: \$4,000 PS&E: \$5,000 R/W Sup: \$500 * Con Sup: \$9,500	20-21 21-22 21-22 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 5/1/2023 Begin Con: 10/15/2023
New	Rehabilitate roadway, construct truck climbing lanes in eastbound direction, widen shoulders, replace or widen structures, upgrade median barrier and Transportation Management System (TMS) elements.		Subtotal: \$94,500	\$19,000		
			Total Project Cost:	\$113,500		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	11.9 Lane mile(s)		
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.5	1.4	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

03-Placer-80 42.7/49.3 5133 0318000019	Near Gold Run, from west of Monte Vista Overcrossing to east of Drum Forebay Overcrossing (PM 42.7/49.3R). Rehabilitate roadway, construct truck climbing lane,	3H610 2022-23	R/W: \$1,430 Con: \$62,700	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$230 Con Sup: \$6,500	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New	replace or widen structures, upgrade median concrete barrier, sign panels, and Transportation Management System (TMS) elements, and rehabilitate drainage systems.		Subtotal: \$64,130	\$12,730		
			Total Project Cost:	\$76,860		
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	13.2 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.5	9.6	0.1	13.2	Lane mile(s)
Post Condition	13.2	0.0	0.0	13.2	Lane mile(s)

**2020 SHOPP Project List
Placer
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Placer-80 38.3/41.5 5114 0316000049	Near Magra, from Secret Town Overcrossing to the Gold Run Safety Roadside Rest Area (SRRA). Rehabilitate drainage systems.	1H030 2020-21	R/W: \$220 Con: \$3,069	PA&ED: \$429 PS&E: \$667 R/W Sup: \$195 Con Sup: \$806	Prior Prior Prior 20-21	PA&ED: 8/1/2019 R/W Cert: 11/24/2020 RTL: 12/10/2020 Begin Con: 4/10/2021
<i>Carryover</i>			Subtotal: \$3,289	\$2,097		
			Total Project Cost:	\$5,386		

Program 201.151 Drainage System Restoration
Project Output(s) 32 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	794.5	1,214.5	1,979.4	3,988.4	Linear feet
Post Condition	3,988.4	0.0	0.0	3,988.4	Linear feet

FACILITIES

03-Placer-89 8.9 5290 0319000129	Near Tahoe City, at the Tahoe City Maintenance Station. Demolish existing employee housing and construct new dormitory building.	4H980 2022-23	R/W: \$40 Con: \$3,600	PA&ED: \$690 PS&E: \$710 R/W Sup: \$90 Con Sup: \$560	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 10/31/2022 RTL: 11/15/2022 Begin Con: 2/9/2023
<i>New</i>			Subtotal: \$3,640	\$2,050		
			Total Project Cost:	\$5,690		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,416.0	1,416.0	Square feet
Post Condition	4,000.0	0.0	0.0	4,000.0	Square feet

**2020 SHOPP Project List
Placer
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Placer County

			R/W: \$5,640	PA&ED: \$10,979		
			Const: \$204,369	PS&E: \$12,477		
				R/W Sup: \$2,825		
				Con Sup: \$22,536		
			Subtotal: \$210,009		\$48,817	
			Total (Capital + Support):		\$258,826	

**2020 SHOPP Project List
Plumas
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

02-Plumas-70 0.0/29.9 3723 0218000119	Near Pulga, from the Butte County line to 3.1 miles west of Route 89 at various locations. Repair Rock Slope Protection (RSP) and stabilize roadway embankment.	4H440 2020-21	R/W: \$347 Con: \$17,160	PA&ED: \$1,030 PS&E: \$1,110 R/W Sup: \$70 Con Sup: \$2,686	Prior Prior Prior 20-21	PA&ED: 3/4/2020 R/W Cert: 2/4/2021 RTL: 3/1/2021 Begin Con: 7/29/2021
<i>Carryover</i>			Subtotal: \$17,507	\$4,896		
			Total Project Cost:	\$22,403		

Program 201.131 Permanent Restoration
Project Output(s) 10 Location(s)

COLLISION REDUCTION

02-Plumas-36 R13.6/R14.2 3759 0219000145	Near Chester, from 0.3 mile west to 0.3 mile east of County Road A13. Construct roundabout.	0J640 2022-23	R/W: \$8 Con: \$4,980	PA&ED: \$940 PS&E: \$1,190 R/W Sup: \$190 Con Sup: \$1,350	Prior 21-22 21-22 22-23	PA&ED: 11/15/2021 R/W Cert: 2/15/2023 RTL: 3/14/2023 Begin Con: 8/21/2023
<i>Carryover</i>			Subtotal: \$4,988	\$3,670		
			Total Project Cost:	\$8,658		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

**2020 SHOPP Project List
Plumas
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-70 36.8/R62.5 3639 0216000043	Near Quincy, at various locations from 0.2 mile west of Butterfly Valley Road to 0.1 mile west of Two Rivers Road; also on Route 89 near Greenville, from 0.9 mile to 1.4 miles north of Wolf Creek Road (PM 25.1/25.3). Upgrade rock fall fence to reduce maintenance and highway worker exposure.	1H790 2020-21	R/W: \$40 Con: \$1,760	PA&ED: \$350 PS&E: \$450 R/W Sup: \$20 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 11/4/2019 R/W Cert: 12/21/2020 RTL: 1/21/2021 Begin Con: 6/15/2021
Carryover			Subtotal: \$1,800 Total Project Cost:	\$1,270 \$3,070		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 10 Location(s)

ROADWAY PRESERVATION

02-Plumas-70 58.4/R78.4 3619 0216000024	In and near Cromberg and Portola, from 0.2 mile east of Gill Ranch Road to 0.2 mile west of Big Grizzly Creek Bridge. Rehabilitate roadway, repair or replace culverts, upgrade guardrail, upgrade bridge railing at Humbug Creek Bridge No. 09-0022, and make pedestrian facilities Americans with Disabilities Act (ADA) compliant.	1H580 2021-22	R/W: \$514 * Con: \$88,050	PA&ED: \$3,490 PS&E: \$2,620 R/W Sup: \$1,120 * Con Sup: \$6,810	Prior 20-21 20-21 21-22	PA&ED: 10/30/2020 R/W Cert: 1/31/2022 RTL: 3/28/2022 Begin Con: 9/27/2022
Carryover			Subtotal: \$88,564 Total Project Cost:	\$14,040 \$102,604		

* Construction Capital and * Construction Support phases are NOT authorized
 SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 45.7 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45.7	0.0	45.7	Lane mile(s)
Post Condition	45.7	0.0	0.0	45.7	Lane mile(s)

**2020 SHOPP Project List
Plumas
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-89 30.2/R42.2 3700 0218000010	Near Canyon Dam, from 0.6 mile north of Route 147 to Route 36 (PM 30.2/R42.185). Rehabilitate roadway, upgrade guardrail and signs, and rehabilitate drainage systems.	3H690 2023-24	R/W: \$752 * Con: \$34,600	PA&ED: \$1,510 PS&E: \$1,830 R/W Sup: \$100 * Con Sup: \$1,890	20-21 21-22 21-22 23-24	PA&ED: 2/15/2022 R/W Cert: 3/23/2024 RTL: 4/24/2024 Begin Con: 9/11/2024
New	(G13 Contingency)		Subtotal: \$35,352	\$5,330		
			Total Project Cost:	\$40,682		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 26.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.0	4.0	26.0	Lane mile(s)
Post Condition	26.0	0.0	0.0	26.0	Lane mile(s)

02-Plumas-36 9.2/18.4 3722 0218000073	Near Chester, from Melissa Avenue to Lassen County line; also in Lassen County from Plumas County line to 2.4 miles east of Road A21/Mooney Road (PM 0.0/6.1). Rehabilitate pavement, upgrade signs and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H060 2023-24	R/W: \$483 Con: \$25,370	PA&ED: \$1,960 PS&E: \$2,160 R/W Sup: \$590 Con Sup: \$2,590	20-21 22-23 22-23 23-24	PA&ED: 9/17/2022 R/W Cert: 3/17/2024 RTL: 5/12/2024 Begin Con: 9/7/2024
New			Subtotal: \$25,853	\$7,300		
			Total Project Cost:	\$33,153		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	28.1	3.4	31.5	Lane mile(s)
Post Condition	31.5	0.0	0.0	31.5	Lane mile(s)

**2020 SHOPP Project List
Plumas
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-70 R78.3/90.3 3713 0218000068	Near Portola, from west of Grizzly Road/Rocky Point Road to 0.9 mile west of Summit School Drive. Rehabilitate pavement, add intersection lighting, upgrade signs and guardrail, and rehabilitate drainage systems.	4H010 2022-23	R/W: \$161 Con: \$15,740	PA&ED: \$780 PS&E: \$820 R/W Sup: \$260 Con Sup: \$2,080	20-21 21-22 21-22 22-23	PA&ED: 11/13/2021 R/W Cert: 2/6/2023 RTL: 3/7/2023 Begin Con: 8/3/2023
New			Subtotal: \$15,901 Total Project Cost:	\$3,940 \$19,841		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.5	0.0	23.5	Lane mile(s)
Post Condition	23.5	0.0	0.0	23.5	Lane mile(s)

02-Plumas-89 12.9/20.0 3714 0218000070	Near Greenville, from 1.4 miles north of Indian Falls Road to south of Hot Springs Road; also from Mill Street to 0.4 mile north of Mill Street (PM 20.6/21.0). Rehabilitate pavement, upgrade guardrail, replace Transportation Management System (TMS) elements and signs, rehabilitate drainage systems, and construct a Maintenance Vehicle Pullout (MVP).	4H030 2023-24	R/W: \$343 Con: \$9,350	PA&ED: \$670 PS&E: \$850 R/W Sup: \$460 Con Sup: \$1,120	20-21 22-23 22-23 23-24	PA&ED: 6/26/2022 R/W Cert: 12/26/2023 RTL: 2/20/2024 Begin Con: 9/5/2024
New			Subtotal: \$9,693 Total Project Cost:	\$3,100 \$12,793		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.4	16.4	Lane mile(s)
Post Condition	16.4	0.0	0.0	16.4	Lane mile(s)

**2020 SHOPP Project List
Plumas
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Plumas County

			R/W: \$2,648	PA&ED: \$10,730		
			Const: \$197,010	PS&E: \$11,030		
				R/W Sup: \$2,810		
				Con Sup: \$18,976		
			<hr/>			
			Subtotal: \$199,658	\$43,546		
			Total (Capital + Support):	\$243,204		

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

08-Riverside-74 R48.8/49.2 3010H 0817000182	Near Hemet, from 0.7 mile east to 1.1 miles east of Blackburn Road. Permanent restoration of slope erosion and drainage systems.	1J020 2020-21	R/W: \$614 Con: \$3,212	PA&ED: \$983 PS&E: \$1,374 R/W Sup: \$77 Con Sup: \$1,077	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$3,826	\$3,511		
			Total Project Cost:	\$7,337		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

08-Riverside-74 5.7/11.8 3016R 0819000090	In and near Lake Elsinore, from west of Monte Vista Street to Wista Road to Grand Avenue. Widen roadway to provide a two-foot median buffer and four-foot shoulders, install rumble strips, upgrade guardrail, and re-grade side slopes.	1K690 2023-24	R/W: \$3,287 Con: \$91,974	PA&ED: \$5,921 PS&E: \$5,161 R/W Sup: \$333 Con Sup: \$8,798	Prior 22-23 22-23 23-24	PA&ED: 12/1/2022 R/W Cert: 4/3/2024 RTL: 5/1/2024 Begin Con: 12/12/2024
<i>Carryover</i>			Subtotal: \$95,261	\$20,213		
			Total Project Cost:	\$115,474		

Program 201.010 Safety Improvements
Project Output(s) 95 Collision(s) reduced

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-79 5.4/11.4 3006G 0816000049	Near Temecula, from 3.1 miles north of Route 371 to 1.1 miles south of Pauba Road. Construct eight foot shoulders and rumble strip.	1G670 2021-22	R/W: \$1,705 Con: \$43,272	PA&ED: \$4,900 PS&E: \$4,700 R/W Sup: \$751 Con Sup: \$7,700	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 8/19/2022
<i>Carryover</i>			Subtotal: \$44,977	\$18,051		
			Total Project Cost:	\$63,028		

SBI Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 108 Collision(s) reduced

08-Riverside-215 R36.6/R37.2 3013W 0819000045	In the city of Riverside, from 0.2 mile north of Alessandro Boulevard to 0.2 mile south of Eucalyptus Avenue. Construct auxiliary lanes in the northbound and southbound directions between the onramps and offramps.	1K460 2020-21	R/W: \$24 Con: \$6,015	PA&ED: \$699 PS&E: \$762 R/W Sup: \$22 Con Sup: \$1,251	Prior Prior Prior 20-21	PA&ED: 5/4/2020 R/W Cert: 4/1/2021 RTL: 6/1/2021 Begin Con: 11/18/2021
<i>Carryover</i>			Subtotal: \$6,039	\$2,734		
			Total Project Cost:	\$8,773		

Program 201.010 Safety Improvements
Project Output(s) 221 Collision(s) reduced

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-79 0.0/5.4 3010X 0813000178	Near Aguanga, from the San Diego County line to south of Sage Road and from north of Woodchuck Road to north of Anza Road (PM 11.4/14.8); also in and near Beaumont, from north of Gilman Springs Road to First Street (PM R34.2/40.1). Install guardrail and flashing beacons.	1E140 2022-23	R/W: \$28 Con: \$6,329	PA&ED: \$405 PS&E: \$968 R/W Sup: \$56 Con Sup: \$1,479	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$6,357 Total Project Cost:	\$2,908 \$9,265		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

08-Riverside-15 8.2/13.9 3007Q 0816000099	In Murrieta and Wildomar, from south of Route 215 to north of Clinton Keith Road. Enhance highway worker safety by installing Maintenance Vehicle Pullouts (MVPs), slope paving, paving beyond gore areas, and installing vegetation control.	1G890 2022-23	R/W: \$10 Con: \$3,830	PA&ED: \$356 PS&E: \$434 R/W Sup: \$11 Con Sup: \$589	20-21 21-22 21-22 22-23	PA&ED: 7/2/2021 R/W Cert: 9/2/2022 RTL: 11/4/2022 Begin Con: 5/4/2023
New			Subtotal: \$3,840 Total Project Cost:	\$1,390 \$5,230		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 33 Location(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 50.6/52.3 3008T 0817000142	In Jurupa Valley, from north of Cantu-Galleano Ranch Road to the San Bernardino County line (PM 52.270); on Route 60 from the San Bernardino County line to east of Etiwanda Avenue (PM 0.0/2.1); also in San Bernardino County in Ontario on Route 60, from east of South Haven Avenue to west of Milliken Avenue (PM 9.2/9.5). Enhance highway worker safety by paving beyond gore areas, adding Maintenance Vehicle Pullouts (MVPs), and installing vegetation control.	1H850 2022-23	R/W: \$20 Con: \$6,962	PA&ED: \$620 PS&E: \$620 R/W Sup: \$33 Con Sup: \$1,272	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 4/3/2023
New			Subtotal: \$6,982 Total Project Cost:	\$2,545 \$9,527		
				Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access		
				Project Output(s) 145 Location(s)		

MANDATES

08-Riverside-15 3.4/10.5 3001W 0812000332	In Temecula and Murrieta, from Route 79 to Kalmia Street/California Oaks Road and from south of Baxter Road to south of Bundy Canyon Road (PM 14.9/16.0). Install trash removal devices.	1C570 2022-23	R/W: \$20 Con: \$2,315	PA&ED: \$435 PS&E: \$806 R/W Sup: \$26 Con Sup: \$640	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/4/2022 RTL: 4/3/2023 Begin Con: 12/1/2023
New			Subtotal: \$2,335 Total Project Cost:	\$1,907 \$4,242		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 107.0 Acre(s) treated/pollutant		

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 15.9/20.3 3008E 0813000215	In Wildomar and Lake Elsinore, from south of Bundy Canyon Road to north of Grunder Drive/Franklin Street. Construct Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for Total Maximum Daily Load (TMDL).	1E340 2023-24	R/W: \$10 Con: \$3,564	PA&ED: \$314 PS&E: \$467 R/W Sup: \$15 Con Sup: \$622	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 7/5/2023 RTL: 8/4/2023 Begin Con: 2/1/2024
New			Subtotal: \$3,574 Total Project Cost:	\$1,418 \$4,992		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

08-Riverside-15 9.4/16.3 3012C 0818000090	In and near Murrieta, from Murrieta Hot Springs Road to Bundy Canyon Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J670 2022-23	R/W: \$18 Con: \$1,900	PA&ED: \$763 PS&E: \$1,013 R/W Sup: \$34 Con Sup: \$996	20-21 21-22 21-22 22-23	PA&ED: 10/2/2021 R/W Cert: 1/3/2023 RTL: 2/1/2023 Begin Con: 8/1/2023
New			Subtotal: \$1,918 Total Project Cost:	\$2,806 \$4,724		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 26 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.0	26.0	Each
Post Condition	26.0	0.0	0.0	26.0	Each

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 16.3/52.3 3012F 0818000124	In and near Lake Elsinore, Corona, Norco, Jurupa Valley, and Eastvale, at various locations from Bundy Canyon Road to Philadelphia Street (San Bernardino County line) (PM 16.3/52.270). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J870 2023-24	R/W: \$67 Con: \$1,633	PA&ED: \$1,012 PS&E: \$1,486 R/W Sup: \$319 Con Sup: \$1,041	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/3/2023 RTL: 8/1/2023 Begin Con: 5/1/2024
New			Subtotal: \$1,700 Total Project Cost:	\$3,858 \$5,558		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 14 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	14.0	0.0	0.0	14.0	Each

08-Riverside-60 13.3/19.2 3012E 0818000094	In Moreno Valley, from Day Street to east of Moreno Beach Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J680 2022-23	R/W: \$140 Con: \$2,248	PA&ED: \$421 PS&E: \$948 R/W Sup: \$497 Con Sup: \$817	20-21 21-22 21-22 22-23	PA&ED: 9/3/2021 R/W Cert: 1/2/2023 RTL: 2/2/2023 Begin Con: 11/2/2023
New			Subtotal: \$2,388 Total Project Cost:	\$2,683 \$5,071		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-111 47.3/55.3 3007U 0817000230	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb ramps.	0R302 2021-22	R/W: \$2,125 Con: \$6,647	PA&ED: PS&E: \$1,547 R/W Sup: \$3,339 Con Sup: \$2,590	Prior Prior 21-22	PA&ED: 6/29/2016 R/W Cert: 8/2/2021 RTL: 8/2/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$8,772	\$7,476		
			Total Project Cost:	\$16,248		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 130 Structure(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	130.0	130.0	Each
Post Condition	130.0	0.0	0.0	130.0	Each

BRIDGE PRESERVATION

08-Riverside-74 2.9/3.2 3005Q 0816000001	Near Lake Elsinore, at Morrill Canyon Bridge No. 56-0169; also near Hemet, at Strawberry Creek Bridge No. 56-0180 (PM 53.4/54.7). Replace structures/upgrade rails.	1G470 2021-22	R/W: \$653 Con: \$6,824	PA&ED: \$1,690 PS&E: \$1,295 R/W Sup: \$150 Con Sup: \$2,390	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,477	\$5,525		
			Total Project Cost:	\$13,002		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,971.0	1,971.0	Square feet
Post Condition	3,662.0	0.0	0.0	3,662.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0169	Fair	Good
Bridge No. 56-0180	Good	Good

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
08-Riverside-10 R87.9 3011Q 0818000055	Near Chiriaco Summit, at Three Star Ditch Bridge No. 59-0129R/L; also at Determination Ditch Bridge No. 59 -0124R/L (PM R90.9). Replace existing Rock Slope Protection (RSP) to restore scour protection.	1J470 2023-24	R/W: \$395 Con: \$10,115	PA&ED: \$1,065 PS&E: \$1,912 R/W Sup: \$51 Con Sup: \$2,651	20-21 22-23 22-23 23-24	PA&ED: 8/4/2022 R/W Cert: 9/5/2023 RTL: 10/2/2023 Begin Con: 6/6/2024	
New			Subtotal: \$10,510	\$5,679			
			Total Project Cost:	\$16,189			

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset
(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,540.0	13,540.0	Square feet
Post Condition	13,540.0	0.0	0.0	13,540.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0124L	Good	Good
Bridge No. 56-0124R	Good	Good
Bridge No. 56-0129L	Good	Good
Bridge No. 56-0129R	Good	Good

08-Riverside-10 R91.9/R115.4 3012J 0818000098	Near Desert Center, at Orris Ditch Bridge No. 56-0123L/R and at Aztec Ditch Bridge No. 56-0545L/R. Scour mitigation and bridge rail upgrade.	1J710 2022-23	R/W: \$10 Con: \$4,179	PA&ED: \$912 PS&E: \$1,446 R/W Sup: \$17 Con Sup: \$1,717	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New			Subtotal: \$4,189	\$4,092		
			Total Project Cost:	\$8,281		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset
(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15,974.0	15,974.0	Square feet
Post Condition	15,974.0	0.0	0.0	15,974.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0123L	Good	Good
Bridge No. 56-0123R	Good	Good
Bridge No. 56-0545L	Good	Good
Bridge No. 56-0545R	Good	Good

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R92.9/R101.1 3008N 0816000177	Near Desert Center, from Krume Ditch to Wide Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the integrity of twenty-four bridges.	1H200 2021-22	R/W: \$190 * Con: \$10,440	PA&ED: \$967 PS&E: \$1,232 R/W Sup: \$259 * Con Sup: \$3,648	Prior 20-21 20-21 21-22	PA&ED: 9/23/2020 R/W Cert: 2/16/2022 RTL: 3/16/2022 Begin Con: 11/4/2022
Carryover	(G13 Contingency)		Subtotal: \$10,630	\$6,106		
			Total Project Cost:	\$16,736		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.111 Bridge Scour Mitigation
Project Output(s) 24 Bridge(s)

Primary Asset

(Scour)

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	86,496.0	86,496.0	Square feet
Post Condition	86,496.0	0.0	0.0	86,496.0	Square feet

Bridge Health

Existing Condition Post Condition

	Existing Condition	Post Condition
Bridge No. 56-0097L	Good	Good
Bridge No. 56-0097R	Good	Good
Bridge No. 56-0098L	Good	Good
Bridge No. 56-0098R	Good	Good
Bridge No. 56-0099L	Good	Good
Bridge No. 56-0099R	Fair	Fair
Bridge No. 56-0104L	Good	Good
Bridge No. 56-0104R	Good	Good
Bridge No. 56-0105L	Fair	Fair
Bridge No. 56-0105R	Fair	Fair
Bridge No. 56-0109L	Fair	Fair
Bridge No. 56-0109R	Good	Good
Bridge No. 56-0111L	Good	Good
Bridge No. 56-0111R	Fair	Fair
Bridge No. 56-0112L	Good	Good
Bridge No. 56-0112R	Good	Good
Bridge No. 56-0113L	Fair	Fair
Bridge No. 56-0113R	Good	Good
Bridge No. 56-0118L	Fair	Fair
Bridge No. 56-0118R	Fair	Fair
Bridge No. 56-0120L	Good	Good
Bridge No. 56-0120R	Good	Good
Bridge No. 56-0122L	Good	Good
Bridge No. 56-0122R	Good	Good

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

08-Riverside-74 27.5/34.3 3008C 0816000084	Near Perris and Hemet, from Route 215 (PM 27,540) to Route 79. Rehabilitate pavement.	1C072 2023-24	R/W: \$80 Con: \$15,375	PA&ED: \$1,267 PS&E: \$1,177 R/W Sup: \$276 Con Sup: \$2,466	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 8/1/2023 RTL: 10/2/2023 Begin Con: 7/1/2024
			Subtotal: \$15,455	\$5,186		
New			Total Project Cost:	\$20,641		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.9	10.3	27.2	Lane mile(s)
Post Condition	27.2	0.0	0.0	27.2	Lane mile(s)

08-Riverside-74 34.3/45.1 3008L 0816000130	In and near Hemet, from Winchester Road to Fairview Avenue. Rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet Americans with Disabilities Act (ADA) standards.	1H060 2021-22	R/W: \$1,677 Con: \$31,282	PA&ED: \$3,000 PS&E: \$5,140 R/W Sup: \$4,530 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 2/20/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 12/21/2022
			Subtotal: \$32,959	\$16,770		
Carryover			Total Project Cost:	\$49,729		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	42.6	0.0	42.7	Lane mile(s)
Post Condition	42.7	0.0	0.0	42.7	Lane mile(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-111 47.2/55.3 3008G 0816000043	In Palm Springs, from Golf Club Drive to West Gateway Drive. Rehabilitate pavement.	1G630 2023-24	R/W: \$10 Con: \$17,749	PA&ED: \$901 PS&E: \$1,614 R/W Sup: \$127 Con Sup: \$3,559	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$17,759	\$6,201		
			Total Project Cost:	\$23,960		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.3	33.6	0.0	34.9	Lane mile(s)
Post Condition	34.9	0.0	0.0	34.9	Lane mile(s)

08-Riverside-215 R13.5/R19.5 3011E 0818000012	Near Murrieta, from 1 mile north of Clinton Keith Road to 1 mile north of Newport Road. Rehabilitate pavement, replace shoulder rumble strip, upgrade culverts, upgrade guardrail, stabilize slopes, and enhance highway worker safety.	1J260 2022-23	R/W: \$20 Con: \$27,553	PA&ED: \$1,374 PS&E: \$2,206 R/W Sup: \$43 Con Sup: \$3,544	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$27,573	\$7,167		
			Total Project Cost:	\$34,740		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.2	15.4	0.0	24.6	Lane mile(s)
Post Condition	24.6	0.0	0.0	24.6	Lane mile(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
08-Riverside-215 25.0/R31.0 3011H 081800015	In and near Perris, from south of San Jacinto River Bridge to north of Ramona Expressway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, enhance highway worker safety, and install slope stabilization and erosion control measures.	1J290 2023-24	R/W: \$77 * Con: \$38,000	PA&ED: \$1,678 PS&E: \$2,576 R/W Sup: \$51 * Con Sup: \$4,261	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/1/2024	
New	(G13 Contingency)		Subtotal: \$38,077 Total Project Cost: \$46,643	\$8,566			
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required				
			Program	201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s)	31.7 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.9	16.8	0.0	31.7	Lane mile(s)
Post Condition	31.7	0.0	0.0	31.7	Lane mile(s)

08-Riverside-215 40.5/42.7 3011Y 0818000102	In the city of Riverside, from south of Martin Luther King Boulevard to north of Chicago Avenue. Rehabilitate pavement, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and replace sign structures and signs.	1J610 2023-24	R/W: \$22 * Con: \$19,861	PA&ED: \$1,022 PS&E: \$1,800 R/W Sup: \$90 * Con Sup: \$2,953	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 7/3/2023 RTL: 8/1/2023 Begin Con: 3/4/2024
New	(G13 Contingency)		Subtotal: \$19,883 Total Project Cost: \$25,748	\$5,865		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	20.5 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	14.7	5.6	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-243 0.0/29.7 3011S 0818000043	Near Mountain Center, Idyllwild and Banning, from Route 74 to Route 10. Rehabilitate pavement and drainage systems; upgrade guardrail, lighting, and sign panels; upgrade facilities to Americans with Disabilities Act (ADA) standards; and enhance highway worker safety improvements.	1J450 2023-24	R/W: \$477 Con: \$20,794	PA&ED: \$864 PS&E: \$1,311 R/W Sup: \$60 Con Sup: \$2,708	20-21 21-22 21-22 23-24	PA&ED: 6/3/2022 R/W Cert: 1/3/2024 RTL: 2/6/2024 Begin Con: 11/7/2024
New			Subtotal: \$21,271 Total Project Cost:	\$4,943 \$26,214		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 26.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.6	26.6	Lane mile(s)
Post Condition	26.6	0.0	0.0	26.6	Lane mile(s)

08-Riverside-10 R60.9/R74.0 3008A 0816000086	In and near Coachella, from 0.5 mile east of Coachella Canal to Hazy Gulch Bridge. Cold plane pavement and overlay with Portland Cement Concrete (PCC). Construct eastbound truck climbing lane. A one lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency)	1C081 2021-22	R/W: \$10 * Con: \$157,000	PA&ED: \$7,000 PS&E: \$10,000 R/W Sup: \$90 * Con Sup: \$22,000	Prior 20-21 20-21 21-22	PA&ED: 9/2/2020 R/W Cert: 10/7/2021 RTL: 3/3/2022 Begin Con: 7/5/2022
Carryover			Subtotal: \$157,010 Total Project Cost:	\$39,090 \$196,100		
			* Construction Capital and * Construction Support phases are NOT authorized SB1 Baseline Agreement Required			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 48.8 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	11.3	37.5	0.0	48.8	Lane mile(s)
Post Condition	48.8	0.0	0.0	48.8	Lane mile(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R134.0/R156.5 3009K 0816000090	In and near Blythe, from Teed Ditch Bridge to Arizona State line. Cold plane mainline pavement and overlay with concrete pavement. The shoulders and ramps will be milled and overlaid with asphalt pavement. A two lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency)	1C083 2021-22	R/W: \$10 * Con: \$207,000	PA&ED: \$9,000 PS&E: \$10,000 R/W Sup: \$117 * Con Sup: \$29,000	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 4/3/2023
Carryover			Subtotal: \$207,010	\$48,117		
			Total Project Cost:	\$255,127		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	88.2 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.5	57.7	0.0	88.2	Lane mile(s)
Post Condition	88.2	0.0	0.0	88.2	Lane mile(s)

MOBILITY

08-Riverside-15 3.5/6.8 3013F 0819000031	In Temecula, from north of Temecula Parkway to north of Winchester Road. Construct auxiliary lanes to facilitate merging movements, rehabilitate lighting, rehabilitate drainage, install Transportation Management System (TMS) elements, and upgrade guardrail.	1K400 2023-24	R/W: \$70 Con: \$39,302	PA&ED: \$3,177 PS&E: \$3,600 R/W Sup: \$69 Con Sup: \$7,441	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 8/4/2023 RTL: 10/2/2023 Begin Con: 5/5/2024
New			Subtotal: \$39,372	\$14,287		
			Total Project Cost:	\$53,659		

SBI Baseline Agreement Required

Program 201.310 Operational Improvements
Project Output(s) 3,556.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-Var 3012Q 0818000135 New	In Riverside County, on Routes 10, 15, 60, 62, 91, 111, and 215 at various locations; also in San Bernardino County, on Route 215 in Colton at Iowa Avenue (PM 0.2). Upgrade Changeable Message Signs (CMS), guardrail shielding, and construct Maintenance Vehicle Pullouts (MVPs).	1J910 2022-23	R/W: \$42 Con: \$7,160	PA&ED: \$863 PS&E: \$1,463 R/W Sup: \$65 Con Sup: \$2,527	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Subtotal: \$7,202	\$4,918		
			Total Project Cost:	\$12,120		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	21	Field element(s)
Post Condition	100.0%	0.0%	21	Field element(s)

08-Riverside-60 R1.0/12.0 3011A 0818000002 New	In the cities of Jurupa Valley and Riverside, from Wineville Road to west of Route 91/215 Separation. Install ramp meters and other Transportation Management System (TMS) elements, widen ramps for High-Occupancy Vehicle (HOV) bypass, upgrade facilities to Americans with Disabilities Act (ADA) standards, and install Maintenance Vehicle Pullouts (MVPs).	1J230 2022-23	R/W: \$10 Con: \$10,505	PA&ED: \$1,233 PS&E: \$2,083 R/W Sup: \$64 Con Sup: \$2,774	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Subtotal: \$10,515	\$6,154		
			Total Project Cost:	\$16,669		

Program 201.315 Transportation Management Systems
Project Output(s) 32 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	32	Field element(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-60 16.1/22.5 0043L 0816000145	In and near Moreno Valley, from west of Perris Boulevard to east of Gilman Springs Road. Install Transportation Management System (TMS) elements.	49612 2022-23	R/W: \$10 Con: \$10,499	PA&ED: \$757 PS&E: \$1,345 R/W Sup: \$23 Con Sup: \$1,987	20-21 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 9/2/2022 RTL: 10/4/2022 Begin Con: 6/1/2023
New			Subtotal: \$10,509	\$4,112		
			Total Project Cost:	\$14,621		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	12	Field element(s)
Post Condition	100.0%	0.0%	21	Field element(s)

08-Riverside-10 R59.3/R59.5 3012H 0818000097	In Coachella, from 0.4 mile to 0.6 mile east of Dillon Road. Replace existing Weigh-in-Motion (WIM) system.	1J700 2022-23	R/W: \$10 Con: \$2,454	PA&ED: \$597 PS&E: \$892 R/W Sup: \$18 Con Sup: \$773	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New			Subtotal: \$2,464	\$2,280		
			Total Project Cost:	\$4,744		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

08-Riverside-15 42.4/46.2 3008S 0817000041	In Corona and Norco, from Corona Avenue to the Santa Ana River. Upgrade existing irrigation system to use recycled water.	1H420 2022-23	R/W: \$10 Con: \$3,167	PA&ED: \$316 PS&E: \$368 R/W Sup: \$65 Con Sup: \$394	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 3/1/2023 RTL: 4/6/2023 Begin Con: 11/2/2023
			Subtotal: \$3,177	\$1,143		
New			Total Project Cost:	\$4,320		

Program 201.210 Highway Planting Restoration
Project Output(s) 75.0 Acre(s)

08-Riverside-60 R6.1/8.0 3008R 0817000028	In Jurupa Valley, from east of Pyrite Street to East of Valley Way. Replace and rehabilitate landscaping and irrigation system.	1H380 2022-23	R/W: \$10 Con: \$3,849	PA&ED: \$365 PS&E: \$433 R/W Sup: \$20 Con Sup: \$587	20-21 21-22 21-22 22-23	PA&ED: 2/1/2022 R/W Cert: 12/1/2022 RTL: 2/1/2023 Begin Con: 8/4/2023
			Subtotal: \$3,859	\$1,405		
New			Total Project Cost:	\$5,264		

Program 201.210 Highway Planting Restoration
Project Output(s) 21.2 Acre(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-91 15.6/21.6 3015Y 0820000026	In the city of Riverside, from Adams Street to west of Route 60. Rehabilitate landscaping and irrigation systems.	1L320 2022-23	R/W: \$22 Con: \$3,092	PA&ED: \$400 PS&E: \$450 R/W Sup: \$100 Con Sup: \$503	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 11/1/2022 RTL: 1/1/2023 Begin Con: 8/1/2023
<i>New</i>			Subtotal: \$3,114 Total Project Cost:	\$1,453 \$4,567		

Program 201.210 Highway Planting Restoration
Project Output(s) 19.0 Acre(s)

08-Riverside-10 R71.8/R72.4 0049T 0815000218	Near Indio, at the Cactus City Safety Roadside Rest Areas (SRRA). Reconstruct and upgrade eastbound and westbound SRRA facilities.	0G850 2023-24	R/W: \$20 Con: \$28,434	PA&ED: \$1,194 PS&E: \$4,282 R/W Sup: \$69 Con Sup: \$5,445	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/5/2024
<i>New</i>			Subtotal: \$28,454 Total Project Cost:	\$10,990 \$39,444		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

08-Riverside-74	Near Lake Elsinore, at the Lake Elsinore Maintenance Station at 18745	1J320 2023-24	R/W: \$2,188 Con: \$3,662	PA&ED: \$1,027 PS&E: \$2,204 R/W Sup: \$88 Con Sup: \$2,263	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 7/5/2023 RTL: 8/5/2023 Begin Con: 4/5/2024
3011L 0818000017	Conard Avenue. Construct a new maintenance facility at the existing location.					
New			Subtotal: \$5,850	\$5,582		
			Total Project Cost:	\$11,432		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	3,000.0	0.0	0.0	3,000.0	Square feet

MULTIPLE OBJECTIVE

08-Riverside-10	Near Banning, Indio, and Blythe, at various Safety Roadside Rest Areas (SRRAs); also in San Bernardino County near Yucaipa at various locations.	1J580 2022-23	R/W: \$20 Con: \$6,381	PA&ED: \$793 PS&E: \$1,118 R/W Sup: \$62 Con Sup: \$1,040	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 5/1/2023
3011C 0818000084	Install Zero-Emission Vehicle (ZEV) charging stations in SRRAs and install Dynamic Truck Parking Signs nearby.					
New			Subtotal: \$6,401	\$3,013		
			Total Project Cost:	\$9,414		

Program 201.999 Multiple Objective
Project Output(s) 6 Location(s)

**2020 SHOPP Project List
Riverside
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Riverside County

			R/W: \$14,111	PA&ED: \$58,291		
			Const: \$864,578	PS&E: \$80,233		
				R/W Sup: \$12,017		
				Con Sup: \$139,603		
			<hr/>			
			Subtotal: \$878,689	\$290,144		
			Total (Capital + Support):	\$1,168,833		

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Sacramento-Var 3313 0316000010	In Sacramento, Butte, Placer, Sutter, Nevada and Yolo Counties, on Routes 50, 65, 70, 80, 89, 99, 160 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable.	0H680 2020-21	R/W: Con: \$2,000	PA&ED: \$90 PS&E: \$170 R/W Sup: \$30 Con Sup: \$460	Prior Prior Prior 20-21	PA&ED: 8/19/2019 R/W Cert: 10/1/2020 RTL: 10/1/2020 Begin Con: 4/1/2021
<i>Carryover</i>			Subtotal: \$2,000	\$750		
			Total Project Cost:	\$2,750		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

03-Sacramento-51 5.6/5.9 6414 0318000055	In the city of Sacramento, between Marconi Avenue and Howe Avenue. Construct outer separation barrier.	3H730 2022-23	R/W: \$10 Con: \$3,100	PA&ED: \$410 PS&E: \$740 R/W Sup: \$90 Con Sup: \$530	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 10/10/2022 RTL: 10/24/2022 Begin Con: 2/6/2023
<i>New</i>			Subtotal: \$3,110	\$1,770		
			Total Project Cost:	\$4,880		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-51 1.6/4.4 6413 0317000064	In the city of Sacramento, from 0.1 mile south of B Street Underpass to 0.4 mile north of Arden Way. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H110 2021-22	R/W: \$10 Con: \$4,000	PA&ED: \$280 PS&E: \$530 R/W Sup: \$50 Con Sup: \$1,120	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 4/15/2021 RTL: 10/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$4,010 Total Project Cost:	\$1,980 \$5,990		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 61 Location(s)

03-Sacramento-80 M9.1/R11.4 6716 0317000068	In and near the city of Sacramento, from Del Paso Park Separation to 0.4 mile north of Route 80/244 Separation; also on Route 51 from PM 8.3 to 8.6 and Route 244 from PM 0.0 to 0.9. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H150 2020-21	R/W: \$3,700 Con: \$3,700	PA&ED: \$250 PS&E: \$570 R/W Sup: \$10 Con Sup: \$1,050	Prior Prior 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/21/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
<i>Carryover</i>			Subtotal: \$3,700 Total Project Cost:	\$1,880 \$5,580		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 49 Location(s)

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-80 R11.4/18.0 6715 0317000065	In and near Citrus Heights, from east of the Route 80/244 Separation to the Placer County line. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H120 2020-21	R/W: Con: \$2,500	PA&ED: \$260 PS&E: \$500 R/W Sup: \$10 Con Sup: \$1,000	20-21 20-21 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/22/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
Carryover			Subtotal: \$2,500 Total Project Cost:	\$1,770 \$4,270		
						<p align="right">Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 67 Location(s)</p>

BRIDGE PRESERVATION

03-Sacramento-12 0.0/0.4 5960 0316000059	In and near Rio Vista, at the Sacramento River Bridge No. 23-0024; also in Solano County, from PM 26.3 to PM 26.4. Rehabilitate movable bridge electrical and mechanical systems and upgrade Americans with Disabilities Act (ADA) facilities.	1H130 2021-22	R/W: \$100 * Con: \$16,400	PA&ED: \$760 PS&E: \$2,460 R/W Sup: \$20 * Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 12/11/2020 R/W Cert: 3/10/2022 RTL: 3/25/2022 Begin Con: 7/22/2022
Carryover			Subtotal: \$16,500 Total Project Cost:	\$6,360 \$22,860		
	(G13 Contingency)					<p align="right">* Construction Capital and * Construction Support phases are NOT authorized</p> <p align="right">Program 201.110 Bridge Major Rehabilitation Project Output(s) 1 Bridge(s)</p>

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	0.0	0.0	0.0	0.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0024	Fair	Fair

**2020 SHOPP Project List
Sacramento**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-51 2.0/3.5 6402 0312000054	In the city of Sacramento, at the American River Bridge No.24-0003 from north of B Street Underpass to north of Exposition Boulevard	3F070 2021-22	R/W: \$2,000 * Con: \$123,000	PA&ED: \$4,340 PS&E: \$12,000 R/W Sup: \$600 * Con Sup: \$22,000	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 10/1/2021 RTL: 10/20/2021 Begin Con: 3/1/2022
Carryover	Overcrossing. Widen and replace bridge deck. This is a Construction Manager/General Contractor (CMGC) project. (G13 Contingency)		Subtotal: \$125,000	\$38,940		
			Total Project Cost:	\$163,940		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.110 Bridge Major Rehabilitation		
			Project Output(s)	1 Bridge(s)		

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	166,593.0	0.0	166,593.0	Square feet
Post Condition	166,593.0	0.0	0.0	166,593.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 24-0003	Fair	Good

03-Sacramento-50 L0.0/L0.5 6247 0316000056	In the city of Sacramento, from the Sacramento River Viaduct (Pioneer Bridge) to 4th Street; also on Route 5 from 0.2 mile south of Broadway to S Street (PM 22.15 to 22.91). Clean and paint steel bridges within Route 5/50 Interchange.	1H100 2020-21	R/W: Con: \$21,300	PA&ED: \$350 PS&E: \$940 R/W Sup: \$10 Con Sup: \$3,010	Prior Prior Prior 20-21	PA&ED: 6/20/2019 R/W Cert: 2/1/2021 RTL: 2/1/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$21,300	\$4,310		
			Total Project Cost:	\$25,610		
			Program	201.119 Bridge Preventative Maintenance		
			Project Output(s)	9 Bridge(s)		

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet
Post Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 24-4101	Good	Good
Bridge No. 24-4102	Good	Good
Bridge No. 24-4104	Good	Good
Bridge No. 24-4106	Fair	Fair
Bridge No. 24-4113	Good	Good
Bridge No. 24-4117	Good	Good
Bridge No. 24-4125	Good	Good
Bridge No. 24-4305	Good	Good
Bridge No. 24-4330	Good	Good

**2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-5 22.1/26.7 5868 0317000340	In the city of Sacramento, from 0.5 mile south of Route 50 to Route 80 at South Connector Undercrossing No. 24-0267 (PM 22.42) and at American River Viaduct No. 24-0068L/R (PM 24.82). Improve to standard truck capacity.	3H390 2021-22	* R/W: \$3,110 * Con: \$176,700	PA&ED: \$16,780 * PS&E: \$19,340 * R/W \$2,910 * Con Sup: \$28,390	Prior 21-22 21-22 21-22	PA&ED: 7/1/2020 R/W Cert: 5/9/2022 RTL: 5/23/2022 Begin Con: 10/21/2022
Carryover			Subtotal: \$179,810	\$67,420		
			Total Project Cost:	\$247,230		
			* Con, * R/W, * PS&E, * R/W Sup, * Con Sup phase(s) are NOT authorized			
	ACCELERATED BRIDGE (PA&ED Only)		SBI Baseline Agreement Required			
			Program	201.322 Trans Permit Requirements for Bridges		
			Project Output(s)	3 Bridge(s)		

Primary Asset

(Goods Movement)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	55,875.0	55,875.0	Square feet
Post Condition	55,875.0	0.0	0.0	55,875.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 24-0068L	Good	Good
Bridge No. 24-0068R	Good	Good
Bridge No. 24-0267	Good	Good

ROADWAY PRESERVATION

03-Sacramento-80 M9.6/12.9 6714 0316000065	Near the city of Sacramento, from 0.2 mile east of Longview Drive to 0.4 mile east of Madison Avenue. Pavement rehabilitation.	1H190 2021-22	R/W: \$100 Con: \$14,000	PA&ED: \$50 PS&E: \$1,500 R/W Sup: \$80 Con Sup: \$2,500	Prior Prior Prior 21-22	PA&ED: 1/25/2019 R/W Cert: 10/8/2019 RTL: 6/10/2021 Begin Con: 12/15/2021
Carryover			Subtotal: \$14,100	\$4,130		
			Total Project Cost:	\$18,230		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.0	26.4	0.0	31.4	Lane mile(s)
Post Condition	31.4	0.0	0.0	31.4	Lane mile(s)

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

03-Sacramento-50 R7.7/R9.5 6197 0300001101	In and near Rancho Cordova, from Bradshaw Road to Mather Field Road. Operational improvements that construct auxiliary lanes in both westbound and eastbound directions.	1F150 2020-21	R/W: \$102 Con: \$7,800	PA&ED: \$396 PS&E: \$659 R/W Sup: \$103 Con Sup: \$1,080	Prior 20-21 20-21	PA&ED: 10/1/2019 R/W Cert: 7/6/2020 RTL: 8/1/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$7,902	\$2,238		
			Total Project Cost:	\$10,140		

Program 201.310 Operational Improvements
Project Output(s) 143.0 Daily vehicle hour(s) of delay (DVHD)

03-Sacramento-99 12.7/16.0 6930 0316000193	In Elk Grove, from Elk Grove Boulevard to south of Calvine Road. Construct two auxiliary lanes and upgrade four ramp metering systems.	1H630 2022-23	R/W: \$320 Con: \$18,100	PA&ED: \$810 PS&E: \$1,550 R/W Sup: \$250 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 8/19/2021 R/W Cert: 1/3/2023 RTL: 1/18/2023 Begin Con: 5/19/2023
<i>New</i>			Subtotal: \$18,420	\$4,610		
			Total Project Cost:	\$23,030		

Program 201.310 Operational Improvements
Project Output(s) 298.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-5 6411 031700009	In the city of Sacramento, at various locations and routes at the Route 5/99 Interchange Connector ramps and the eastbound Route 51/160 Interchange Connector ramp. Install connector ramp meters and Closed Circuit Televisions (CCTV).	1H850 2020-21	R/W: \$20 Con: \$3,000	PA&ED: \$320 PS&E: \$660 R/W Sup: \$20 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 3/10/2021 RTL: 3/25/2021 Begin Con: 7/21/2021
<i>Carryover</i>			Subtotal: \$3,020	\$2,020		
			Total Project Cost:	\$5,040		

Program 201.315 Transportation Management Systems
Project Output(s) 4 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	4	Field element(s)

03-Sacramento-50 L0.0/17.5 6250 0317000325	In and near the cities of Sacramento, Rancho Cordova, and Folsom, from Yolo County line to Folsom Boulevard; also in Yolo County in West Sacramento, from Route 80 to Sacramento County line (PM 0.0 to 3.156), and on Route 80 from Enterprise Boulevard to Route 50 (PM 9.2 to R9.552). Install Transportation Management System (TMS) field elements.	3H330 2020-21	R/W: \$200 Con: \$38,400	PA&ED: \$940 PS&E: \$2,700 R/W Sup: \$520 Con Sup: \$3,900	Prior Prior Prior 20-21	PA&ED: 8/13/2019 R/W Cert: 9/16/2020 RTL: 10/15/2020 Begin Con: 4/5/2021
<i>Carryover</i>			Subtotal: \$38,600	\$8,060		
			Total Project Cost:	\$46,660		

Program 201.315 Transportation Management Systems
Project Output(s) 79 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	52	Field element(s)
Post Condition	100.0%	0.0%	79	Field element(s)

**2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-50 15.7/23.1 6248 0317000006	In and near Rancho Cordova and Folsom, from Hazel Avenue to the county line; also in El Dorado County near El Dorado Hills, from the county line to 0.1 mile east of White Rock Road (PM 0.0/R1.9). Install fiber optic cable and wireless communication systems.	1H820 2020-21	R/W: \$5 Con: \$4,650	PA&ED: \$240 PS&E: \$950 R/W Sup: \$110 Con Sup: \$1,050	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 9/15/2020 RTL: 10/12/2020 Begin Con: 2/5/2021
<i>Carryover</i>			Subtotal: \$4,655	\$2,350		
			Total Project Cost:	\$7,005		

Program 201.315 Transportation Management Systems
Project Output(s) 3.5 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0.0	Mile(s) of cable
Post Condition	100.0%	0.0%	3.5	Mile(s) of cable

03-Sacramento-99 10.0/R24.3 6925 0316000005	In and near the cities of Elk Grove and Sacramento, from Grant Line Road to Route 50; also on Route 51, from Route 50 to 0.1 mile south of the Fort Sutter Viaduct (PM 0.0/0.1). <i>Carryover</i> Install fiber optic cable.	0H670 2021-22	R/W: \$100 Con: \$9,000	PA&ED: \$700 PS&E: \$1,000 R/W Sup: \$50 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 6/28/2019 R/W Cert: 7/16/2021 RTL: 8/2/2021 Begin Con: 1/10/2022
			Subtotal: \$9,100	\$3,050		
			Total Project Cost:	\$12,150		

Program 201.315 Transportation Management Systems
Project Output(s) 14.0 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0.0	Mile(s) of cable
Post Condition	100.0%	0.0%	14.0	Mile(s) of cable

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

03-Sacramento-5 22.0/22.9 5865 0317000066	In the city of Sacramento, from south of Broadway to 0.12 mile south of R Street. Highway planting rehabilitation.	2H130 2021-22	R/W: \$10 Con: \$2,500	PA&ED: \$230 PS&E: \$520 R/W Sup: \$80 Con Sup: \$430	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 9/22/2021 RTL: 10/11/2021 Begin Con: 3/30/2022
			Subtotal: \$2,510	\$1,260		
<i>Carryover</i>			Total Project Cost:	\$3,770		

Program 201.210 Highway Planting Restoration
Project Output(s) 16.0 Acre(s)

FACILITIES

03-Sacramento-50 12.5 6255 0319000128	In Rancho Cordova, at the District 3 Regional Transportation Management Center (RTMC) (3165 Gold Valley Drive). Install new Heating Ventilation and Air Conditioning (HVAC) system.	4H970 2022-23	R/W: Con: \$4,300	PA&ED: \$430 PS&E: \$860 R/W Sup: \$20 Con Sup: \$770	20-21 20-21 20-21 22-23	PA&ED: 6/1/2021 R/W Cert: 9/15/2022 RTL: 10/3/2022 Begin Con: 4/3/2023
			Subtotal: \$4,300	\$2,080		
<i>New</i>			Total Project Cost:	\$6,380		

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	34,200.0	0.0	0.0	34,200.0	Square feet
Post Condition	34,200.0	0.0	0.0	34,200.0	Square feet

**2020 SHOPP Project List
Sacramento**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Sacramento County

			R/W: \$6,087	PA&ED: \$27,636		
			Const: \$454,450	PS&E: \$47,649		
				R/W Sup: \$4,963		
				Con Sup: \$74,730		
			Subtotal: \$460,537		\$154,978	
			Total (Capital + Support):		\$615,515	

**2020 SHOPP Project List
San Benito
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

05-San Benito-25 18.8/19.2 2697 0516000164	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez Road to 2.4 miles south of Route 146. Improve curve and flatten slope.	1H810 2021-22	R/W: \$732 Con: \$8,672	PA&ED: \$1,181 PS&E: \$1,756 R/W Sup: \$345 Con Sup: \$1,506	Prior Prior Prior 21-22	PA&ED: 9/4/2020 R/W Cert: 5/4/2022 RTL: 5/25/2022 Begin Con: 12/22/2022
<i>Carryover</i>			Subtotal: \$9,404	\$4,788		
			Total Project Cost:	\$14,192		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

05-San Benito-25 54.0 2746 0517000185	Near Hollister, at the intersection of Route 25 and Route 156. Improve safety by constructing a roundabout.	1J480 2020-21	R/W: \$4 Con: \$7,659	PA&ED: PS&E: \$1,295 R/W Sup: \$215 Con Sup: \$1,455	Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 4/10/2020 RTL: 8/27/2020 Begin Con: 6/10/2021
<i>Carryover</i>			Subtotal: \$7,663	\$2,965		
			Total Project Cost:	\$10,628		

Program 201.010 Safety Improvements
Project Output(s) 76 Collision(s) reduced

**2020 SHOPP Project List
San Benito
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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San Benito County

			R/W:	\$736	PA&ED:	\$1,181
			Const:	\$16,331	PS&E:	\$3,051
					R/W Sup:	\$560
					Con Sup:	\$2,961
			<hr/>			
			Subtotal:	\$17,067		\$7,753
			Total (Capital + Support):			\$24,820

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

08-San Bernardino-18 20.6/20.9 3012A 0818000070	Near Twin Peaks, from Route 189 to east of Route 189; also on Route 189, from 0.2 mile to 0.3 mile east of Route 18 (PM 0.16/0.26). Repair slope due to recurring erosion. Construct soldier pile wall, replace guardrail with concrete barrier, and upgrade drainage system.	1J550 2021-22	R/W: \$326 Con: \$6,807	PA&ED: \$1,011 PS&E: \$1,498 R/W Sup: \$151 Con Sup: \$1,969	Prior 20-21 20-21 21-22	PA&ED: 2/1/2021 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 12/1/2022
Carryover			Subtotal: \$7,133	\$4,629		
			Total Project Cost:	\$11,762		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

08-San Bernardino-15 R21.5/R22.0 3010J 0817000237	Near Hesperia, from 0.1 mile north of the Route 138 Separation to Gish Overhead. Extend deceleration lane leading to southbound offramp.	1J200 2020-21	R/W: \$125 Con: \$4,400	PA&ED: \$775 PS&E: \$1,190 R/W Sup: \$40 Con Sup: \$1,840	Prior 20-21 20-21 20-21	PA&ED: 6/3/2020 R/W Cert: 5/3/2021 RTL: 6/1/2021 Begin Con: 10/11/2021
Carryover			Subtotal: \$4,525	\$3,845		
			Total Project Cost:	\$8,370		

Program 201.010 Safety Improvements
Project Output(s) 44 Collision(s) reduced

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 174.3/175.7 3010L 0818000117	Near Mountain Pass, from 2.8 miles north of Bailey Road to 0.8 mile south of Nipton Road. Construct median barrier.	1J810 2020-21	R/W: \$10 Con: \$1,125	PA&ED: \$364 PS&E: \$527 R/W Sup: \$21 Con Sup: \$536	Prior 20-21 20-21 20-21	PA&ED: 8/3/2020 R/W Cert: 3/1/2021 RTL: 5/5/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$1,135	\$1,448		
			Total Project Cost:	\$2,583		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

08-San Bernardino-138 0.0/2.3 3010F 0817000139	Near Pinon Hills, from Los Angeles County line to 0.6 mile west of Phelan Road; also in Los Angeles County, from 0.1 mile west of the San Bernardino County line to the San Bernardino County line (PM 74.90/74.973). Widen roadway to provide up to 4 foot median, widen shoulders, and construct rumble strips.	1H830 2021-22	R/W: \$220 Con: \$6,387	PA&ED: \$850 PS&E: \$1,200 R/W Sup: \$75 Con Sup: \$1,629	Prior 20-21 20-21 21-22	PA&ED: 8/10/2020 R/W Cert: 7/1/2021 RTL: 8/16/2021 Begin Con: 2/11/2022
<i>Carryover</i>			Subtotal: \$6,607	\$3,754		
			Total Project Cost:	\$10,361		

Program 201.010 Safety Improvements
Project Output(s) 55 Collision(s) reduced

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-138 R14.8/R15.1 3010W 0817000138	Near Hesperia, from 0.1 mile west to 0.2 mile east of Cajon Creek Bridge; also on Route 15, at 0.2 mile north of Route 138 (PM R21.6). Install traffic signals, realign Cajon Boulevard, widen southbound offramp, add left-turn lane, and construct curb ramps.	1H820 2021-22	R/W: \$685 Con: \$2,488	PA&ED: \$570 PS&E: \$1,160 R/W Sup: \$255 Con Sup: \$1,050	Prior Prior Prior 21-22	PA&ED: 8/5/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 1/7/2022
<i>Carryover</i>			Subtotal: \$3,173	\$3,035		
			Total Project Cost:	\$6,208		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

08-San Bernardino-259 1.1/1.2 3016C 0819000102	In the city of San Bernardino, from H Street to Route 210. Construct median barrier.	1K780 2020-21	R/W: \$20 Con: \$491	PA&ED: \$296 PS&E: \$495 R/W Sup: \$17 Con Sup: \$347	Prior 20-21 20-21 20-21	PA&ED: 7/3/2020 R/W Cert: 3/1/2021 RTL: 5/3/2021 Begin Con: 4/4/2022
<i>Carryover</i>			Subtotal: \$511	\$1,155		
			Total Project Cost:	\$1,666		

Program 201.010 Safety Improvements
Project Output(s) 1 Collision(s) reduced

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3010Y 0817000179 New	In San Bernardino and Riverside Counties, at various locations. Upgrade or install curve warning signs.	1H990 2023-24	R/W: \$10 Con: \$6,940	PA&ED: \$942 PS&E: \$2,102 R/W Sup: \$260 Con Sup: \$4,520	20-21 22-23 22-23 23-24	PA&ED: 8/2/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/9/2024
			Subtotal: \$6,950	\$7,824		
			Total Project Cost:	\$14,774		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

08-San Bernardino-15 R96.1/R124.3 3002E 0813000003 Carryover	Near Barstow, from 0.3 mile south of Harvard Road to Rasor Road. Regrade and flatten median cross slope.	1C720 2021-22	R/W: \$10 Con: \$15,058	PA&ED: \$890 PS&E: \$920 R/W Sup: \$50 Con Sup: \$3,160	Prior Prior Prior 21-22	PA&ED: 12/29/2017 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/1/2022
			Subtotal: \$15,068	\$5,020		
			Total Project Cost:	\$20,088		

Program 201.015 Collision Severity Reduction
Project Output(s) 20 Collision(s) reduced

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R25.0/R50.0 3007X 0812000028	Near Barstow, from 1.4 miles east of Fort Cady Road Overcrossing to Crucero Road Undercrossing. Regrade median cross slopes.	0R170 2021-22	R/W: \$2,075 Con: \$28,488	PA&ED: \$3,200 PS&E: \$1,900 R/W Sup: \$300 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 10/8/2020 R/W Cert: 1/5/2022 RTL: 2/10/2022 Begin Con: 9/6/2022
<i>Carryover</i>			Subtotal: \$30,563	\$8,700		
			Total Project Cost:	\$39,263		

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

08-San Bernardino-40 R100.0/R125.0 3002W 0815000200	Near Needles, from Essex Road Overcrossing to 4.5 miles east of Homer Wash Bridge. Regrade median cross slopes.	0R141 2020-21	R/W: \$5,006 Con: \$25,500	PA&ED: \$3,300 PS&E: \$2,500 R/W Sup: \$300 Con Sup: \$3,500	Prior Prior Prior 20-21	PA&ED: 7/9/2020 R/W Cert: 5/3/2021 RTL: 6/3/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$30,506	\$9,600		
			Total Project Cost:	\$40,106		

SB1 Baseline Agreement Required

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 6.7/R22.3 3007J 0816000098	In and near Rancho Cucamonga and Fontana, from Baseline Avenue to 0.9 mile north of Route 138. Enhance highway worker safety by installing vegetation control, rock blanket, stamped concrete in areas beyond the gore, and quick-change sign post sleeves.	1G880 2022-23	R/W: \$20 Con: \$10,493	PA&ED: \$543 PS&E: \$968 R/W Sup: \$44 Con Sup: \$1,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 12/1/2022 RTL: 2/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$10,513	\$3,175		
			Total Project Cost:	\$13,688		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 253 Location(s)

BRIDGE PRESERVATION

08-San Bernardino-40 101.3 3008K 0816000079	Near Needles, at the Halfway Hills Wash Bridge No. 54-0799L/R. Retrofit bridge footings, replace and expand Rock Slope Protection (RSP) limits.	1G830 2021-22	R/W: \$30 * Con: \$9,652	PA&ED: \$1,393 PS&E: \$1,903 R/W Sup: \$55 * Con Sup: \$2,538	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/2/2022
Carryover	(G13 Contingency)		Subtotal: \$9,682	\$5,889		
			Total Project Cost:	\$15,571		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Scour)**

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	22,304.0	22,304.0	Square feet
Post Condition	22,304.0	0.0	0.0	22,304.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 54-0799L	Good	Good
Bridge No. 54-0799R	Good	Good

2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-66 21.3 3007L 0814000215	In the city of San Bernardino, at Lytle Creek Channel Bridge No. 54-0423; also on Route 215 at Little League Drive Overcrossing Bridge No. 54-0533 (PM 14.9). Upgrade bridge rails and widen bridges.	1F400 2023-24	R/W: \$377 Con: \$6,884	PA&ED: \$697 PS&E: \$2,334 R/W Sup: \$223 Con Sup: \$2,914	20-21 21-22 21-22 23-24	PA&ED: 7/5/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 6/1/2024
New			Subtotal: \$7,261	\$6,168		
			Total Project Cost:	\$13,429		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 490.0 Linear feet rail
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	490.0	490.0	Linear feet rail
Post Condition	490.0	0.0	0.0	490.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 54-0423	Good	Good
Bridge No. 54-0533	Fair	Fair

08-San Bernardino-15 2.4 3011R 0818000069	In Ontario, at S15-E10 Connector Overcrossing No. 54-0910F. Seismic retrofit and bridge rail upgrade to make standard.	1J540 2023-24	R/W: \$10 Con: \$15,130	PA&ED: \$840 PS&E: \$1,951 R/W Sup: \$31 Con Sup: \$2,380	20-21 21-22 21-22 23-24	PA&ED: 1/3/2022 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/3/2024
New			Subtotal: \$15,140	\$5,202		
			Total Project Cost:	\$20,342		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Primary Asset
(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86,219.0	86,219.0	Square feet
Post Condition	86,219.0	0.0	0.0	86,219.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 54-0910F	Fair	Fair

**2020 SHOPP Project List
San Bernardino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-10 R22.4 3006C 0815000192	In Colton at Colton Overhead No. 54 -0464R (PM R22.36). Strengthen bridge and perform preventative maintenance.	1G280 2021-22	R/W: \$62 Con: \$1,655	PA&ED: \$320 PS&E: \$780 R/W Sup: \$100 Con Sup: \$672	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 10/15/2021 RTL: 11/16/2021 Begin Con: 7/15/2022
<i>Carryover</i>			Subtotal: \$1,717	\$1,872		
			Total Project Cost:	\$3,589		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	32,690.0	0.0	32,690.0	Square feet
Post Condition	32,690.0	0.0	0.0	32,690.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 54-0464R	Fair	Good

08-San Bernardino-60 R1.4 3009R 0817000240	In Chino, at Ramona Avenue Overcrossing No. 54-0745 (PM R1.37). Improve freight corridor movement by removing vertical clearance constraint.	1J210 2021-22	R/W: \$120 Con: \$8,970	PA&ED: \$5,822 PS&E: \$1,380 R/W Sup: \$50 Con Sup: \$2,420	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 3/1/2021 RTL: 7/1/2021 Begin Con: 2/2/2022
<i>Carryover</i>			Subtotal: \$9,090	\$9,672		
			Total Project Cost:	\$18,762		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

**Primary Asset
(Goods Movement)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	18,094.0	0.0	18,094.0	Square feet
Post Condition	18,094.0	0.0	0.0	18,094.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 54-0745	Fair	Fair

**2020 SHOPP Project List
San Bernardino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

08-San Bernardino-18 90.9/R96.6 3011J 0818000016 New	In Apple Valley and Victorville, from Apple Valley Inn Road/Dale Evans Parkway to Route 15. Rehabilitate pavement, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade signs.	1J300 2023-24	R/W: \$241 Con: \$14,801	PA&ED: \$1,867 PS&E: \$2,357 R/W Sup: \$117 Con Sup: \$3,303	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 1/2/2024 Begin Con: 9/16/2024
	Subtotal:		\$15,042	\$7,644		
	Total Project Cost:			\$22,686		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.7	20.7	Lane mile(s)
Post Condition	20.7	0.0	0.0	20.7	Lane mile(s)

08-San Bernardino-18 100.9/115.9 3007M 0816000020 Carryover	In and near Adelanto, from Route 395 Junction to Los Angeles County line. Cold plane pavement and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	1G520 2020-21	R/W: \$65 Con: \$16,442	PA&ED: \$564 PS&E: \$1,588 R/W Sup: \$77 Con Sup: \$2,366	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 4/1/2021 RTL: 5/3/2021 Begin Con: 2/1/2022
	Subtotal:		\$16,507	\$4,595		
	Total Project Cost:			\$21,102		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.8	0.0	37.8	Lane mile(s)
Post Condition	37.8	0.0	0.0	37.8	Lane mile(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 0.0/R15.0 3012K 0818000099	In and near Barstow, from Route 15 to 3.4 miles west of National Trails Highway; also on Main Street spur (PM S0.0/S0.8). Pavement rehabilitation, upgrade signs and lighting, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and upgrade safety devices. (G13 Contingency)	1J720 2023-24	R/W: \$235 * Con: \$41,230	PA&ED: \$1,132 PS&E: \$1,400 R/W Sup: \$756 * Con Sup: \$3,686	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 1/3/2024 Begin Con: 10/1/2024
New			Subtotal: \$41,465	\$6,974		
			Total Project Cost:	\$48,439		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	60.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.8	0.0	60.8	Lane mile(s)
Post Condition	60.8	0.0	0.0	60.8	Lane mile(s)

08-San Bernardino-66 20.1/23.2 3007P 0816000048	In San Bernardino, from Pepper Avenue to H Street (PM 20.14/23.156). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G660 2023-24	R/W: \$525 Con: \$11,465	PA&ED: \$1,073 PS&E: \$1,538 R/W Sup: \$1,941 Con Sup: \$1,362	20-21 22-23 22-23 23-24	PA&ED: 6/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$11,990	\$5,914		
			Total Project Cost:	\$17,904		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	12.5 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.5	0.0	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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08-San Bernardino-83 7.6/11.1 3011G 081800013	In Ontario, from south of Cedar Street to Route 10. Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J280	R/W: \$646	PA&ED: \$3,342	20-21	PA&ED: 10/3/2022
		2023-24	* Con: \$23,449	PS&E: \$5,553	22-23	R/W Cert: 5/1/2024
				R/W Sup: \$1,772	22-23	RTL: 6/3/2024
				* Con Sup: \$5,797	23-24	Begin Con: 3/3/2025

Subtotal: \$24,095 \$16,464
Total Project Cost: \$40,559

* Construction Capital and * Construction Support phases are NOT authorized
 SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 17.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	0.0	17.9	Lane mile(s)
Post Condition	17.9	0.0	0.0	17.9	Lane mile(s)

08-San Bernardino-215 3.6/6.0 3011U 081800086	In the cities of Colton and San Bernardino, from south of Route 10 to Mill Street. Rehabilitate pavement, upgrade safety devices, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance highway worker safety.	1J630	R/W: \$22	PA&ED: \$645	20-21	PA&ED: 7/1/2021
		2022-23	Con: \$15,718	PS&E: \$1,205	21-22	R/W Cert: 10/3/2022
				R/W Sup: \$129	21-22	RTL: 4/3/2023
				Con Sup: \$2,030	22-23	Begin Con: 11/17/2023

Subtotal: \$15,740 \$4,009
Total Project Cost: \$19,749

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	18.0	0.0	18.0	Lane mile(s)
Post Condition	18.0	0.0	0.0	18.0	Lane mile(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-247 0.0/23.0 3011F 0818000014	In and near Yucca Valley, from Route 62 to north of Gin Road. Rehabilitate pavement and widen shoulders.	1J270 2023-24	R/W: \$787 Con: \$17,951	PA&ED: \$1,494 PS&E: \$2,073 R/W Sup: \$2,090 Con Sup: \$1,881	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 4/2/2024 Begin Con: 1/3/2025
New			Subtotal: \$18,738 Total Project Cost:	\$7,538 \$26,276		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 47.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	47.5	0.0	47.5	Lane mile(s)
Post Condition	47.5	0.0	0.0	47.5	Lane mile(s)

08-San Bernardino-395 R4.0/49.0 3009H 0816000046	In and near Hesperia, Victorville, and Adelanto, from Route 15 to 3.1 miles north of Route 58. Rehabilitate pavement (PM R3.981/11.2 and PM 16.6/35.5), install Changeable Message Signs (CMS), upgrade guardrail and sign panels, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G640 2022-23	R/W: \$363 Con: \$33,877	PA&ED: \$945 PS&E: \$2,095 R/W Sup: \$394 Con Sup: \$3,837	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 3/3/2023 RTL: 4/3/2023 Begin Con: 12/4/2023
New			Subtotal: \$34,240 Total Project Cost:	\$7,271 \$41,511		

SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 60.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.7	0.0	60.7	Lane mile(s)
Post Condition	60.7	0.0	0.0	60.7	Lane mile(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 T8.0/R17.8 0184C 0815000184	In and near Arrowhead, from 48th Street to Route 138. Repair, reline and replace culverts.	0G691 2021-22	R/W: \$385 Con: \$5,679	PA&ED: \$742 PS&E: \$911 R/W Sup: \$101 Con Sup: \$794	Prior 20-21 20-21 21-22	PA&ED: 3/16/2020 R/W Cert: 11/5/2021 RTL: 12/6/2021 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$6,064	\$2,548		
			Total Project Cost:	\$8,612		

Program 201.151 Drainage System Restoration
Project Output(s) 21 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	623.0	2,395.0	3,018.0	Linear feet
Post Condition	3,018.0	0.0	0.0	3,018.0	Linear feet

08-San Bernardino-18 34.0/44.3 3011K 0818000018	Near Big Bear Lake, from Arrowbear Drive to Route 38. Rehabilitate culverts and install Changeable Message Sign (CMS).	1J310 2023-24	R/W: \$452 Con: \$4,988	PA&ED: \$1,156 PS&E: \$1,260 R/W Sup: \$23 Con Sup: \$1,742	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 8/8/2024
<i>New</i>			Subtotal: \$5,440	\$4,181		
			Total Project Cost:	\$9,621		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,120.5	2,120.5	Linear feet
Post Condition	2,120.5	0.0	0.0	2,120.5	Linear feet

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 44.3/68.5 0181J 0812000110	Near Big Bear and Lucerne Valley, at various locations, from Route 38 at Big Bear Lake Dam to Artic Canyon Wash. Reline or replace culverts.	0G690 2021-22	R/W: \$700 Con: \$4,107	PA&ED: \$1,192 PS&E: \$1,493 R/W Sup: \$1,700 Con Sup: \$1,417	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/18/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$4,807	\$5,802		
			Total Project Cost:	\$10,609		

Program 201.151 Drainage System Restoration
Project Output(s) 31 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	326.2	1,352.8	1,679.0	Linear feet
Post Condition	1,679.0	0.0	0.0	1,679.0	Linear feet

MOBILITY

08-San Bernardino-Var 3012M 0818000121	Near Barstow, Needles, Yucca Valley, and Vidal Junction, on Routes 40, 58, 62, and 95 at various locations; also in Riverside County, on Route 62 near Desert Center at Route 177 (PM 82.5/87.5). Install Changeable Message Signs (CMS), guardrail shielding, and Maintenance Vehicle Pullouts (MVPs).	1J840 2022-23	R/W: \$10 Con: \$12,793	PA&ED: \$1,028 PS&E: \$1,493 R/W Sup: \$109 Con Sup: \$1,634	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/5/2023 RTL: 2/6/2023 Begin Con: 10/3/2023
<i>New</i>			Subtotal: \$12,803	\$4,264		
			Total Project Cost:	\$17,067		

Program 201.315 Transportation Management Systems
Project Output(s) 17 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	17	Field element(s)
Post Condition	100.0%	0.0%	17	Field element(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3012N 0818000122	In San Bernardino County, on various routes at various locations. Install Changeable Message Signs (CMS).	1J850 2022-23	R/W: \$30 Con: \$14,374	PA&ED: \$1,345 PS&E: \$1,461 R/W Sup: \$101 Con Sup: \$2,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/2/2023 RTL: 2/1/2023 Begin Con: 10/5/2023
New			Subtotal: \$14,404	\$5,527		
			Total Project Cost:	\$19,931		

Program 201.315 Transportation Management Systems
Project Output(s) 20 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	20	Field element(s)

08-San Bernardino-Var 3012P 0818000123	In San Bernardino County, on routes 10, 15, 40, 58, 60, 210, and 215 at various locations. Upgrade Changeable Message Signs (CMS).	1J860 2022-23	R/W: \$20 Con: \$15,640	PA&ED: \$1,061 PS&E: \$1,727 R/W Sup: \$223 Con Sup: \$3,212	20-21 20-21 20-21 22-23	PA&ED: 5/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 7/3/2023
New			Subtotal: \$15,660	\$6,223		
			Total Project Cost:	\$21,883		

Program 201.315 Transportation Management Systems
Project Output(s) 42 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	42	Field element(s)
Post Condition	100.0%	0.0%	42	Field element(s)

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 R25.5/R29.0 3006U 0817000032	Near Hesperia, from 0.5 mile south of Cajon Summit to 0.4 mile north of Oak Hill Road; also from 0.6 mile north of Cleghorn Road Undercrossing to 0.5 mile south of Route 138 at the southbound Cajon Truck Facility (R20.6/R20.9). Construct new southbound weigh station and truck safety inspection facility at Cajon Pass and close the existing southbound Cajon Truck Scale facility.	1H390 2021-22	R/W: \$20 Con: \$15,224	PA&ED: \$286 PS&E: \$2,400 R/W Sup: \$110 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 5/7/2021 RTL: 8/2/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$15,244 Total Project Cost:	\$6,096 \$21,340		
			Program	201.321 Weigh Stations		
			Project Output(s)	1 Location(s)		

08-San Bernardino-40 R28.9 3007N 0816000035	Near Newberry Springs, at 5.6 miles east of Fort Cady Road Overcrossing. Replace the existing Weigh-in-Motion (WIM) system to meet current standards.	1G550 2020-21	R/W: \$11 Con: \$2,136	PA&ED: \$310 PS&E: \$593 R/W Sup: \$32 Con Sup: \$664	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 6/4/2021
<i>Carryover</i>			Subtotal: \$2,147 Total Project Cost:	\$1,599 \$3,746		
			Program	201.321 Weigh Stations		
			Project Output(s)	1 Location(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

**2020 SHOPP Project List
San Bernardino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

08-San Bernardino-15 160.9/161.5 3011M 0818000019 New	Near Mountain Pass, at the Valley	1J330	R/W: \$20	PA&ED: \$603	20-21	PA&ED: 7/1/2022
	Wells Safety Roadside Rest Area	2023-24	Con: \$13,959	PS&E: \$1,699	22-23	R/W Cert: 8/1/2023
	(SRRA). Rehabilitate and upgrade			R/W Sup: \$13	22-23	RTL: 12/1/2023
	the water and wastewater systems at			Con Sup: \$1,981	23-24	Begin Con: 8/1/2024
	the northbound and southbound		Subtotal: \$13,979	\$4,296		
	SRRA locations.		Total Project Cost:	\$18,275		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

08-San Bernardino-40 R105.1/R105.9 3013K 0819000050 New	Near Needles, at the John Wilkie	1K490	R/W: \$22	PA&ED: \$1,177	20-21	PA&ED: 8/2/2021
	Safety Roadside Rest Area (SRRA).	2022-23	Con: \$31,601	PS&E: \$2,804	21-22	R/W Cert: 12/1/2022
	Reconstruct SRRA and upgrade			R/W Sup: \$55	21-22	RTL: 5/1/2023
	water and wastewater systems.			Con Sup: \$6,037	22-23	Begin Con: 12/6/2023
			Subtotal: \$31,623	\$10,073		
			Total Project Cost:	\$41,696		

SB1 Baseline Agreement Required

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

**2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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San Bernardino County

			R/W: \$13,660	PA&ED: \$41,775		
			Const: \$445,902	PS&E: \$56,458		
				R/W Sup: \$11,715		
				Con Sup: \$82,058		
			<hr/>			
			Subtotal: \$459,562	\$192,006		
			Total (Capital + Support):	\$651,568		

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

11-San Diego-5 R55.6/R70.0 1265 1117000116	Near Oceanside, from Fallbrook Overhead to 1.0 mile south of San Onofre Bridge. Install cable safety barrier.	43001 2020-21	R/W: \$11 Con: \$5,917	PA&ED: \$660 PS&E: \$917 R/W Sup: Con Sup: \$988	Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 5/27/2020 RTL: 6/24/2020 Begin Con: 3/8/2021
<i>Carryover</i>			Subtotal: \$5,928	\$2,565		
			Total Project Cost:	\$8,493		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

11-San Diego-8 1189 1116000075	In San Diego County, on Routes 8, 67, 79, and 94 at various locations. Widen and grade existing hinges at end treatment platforms and to upgrade guardrails and end treatments to current standards.	42460 2020-21	R/W: Con: \$4,552	PA&ED: \$526 PS&E: \$1,046 R/W Sup: Con Sup: \$824	Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 3/27/2020 RTL: 6/12/2020 Begin Con: 12/30/2020
<i>Carryover</i>			Subtotal: \$4,552	\$2,396		
			Total Project Cost:	\$6,948		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-8 13.4/R20.4 1146 1119000177	In El Cajon, at various locations, from Grossmont Boulevard to 0.4 mile east of Los Coches Road. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, install sign post support systems, relocate irrigation controllers and reduce high maintenance landscaping.	4116U 2020-21	R/W: Con: \$5,356	PA&ED: \$444 PS&E: \$1,202 R/W Sup: Con Sup: \$1,122	Prior Prior 20-21	PA&ED: 5/3/2019 R/W Cert: 7/2/2020 RTL: 8/7/2020 Begin Con: 12/22/2020
Carryover			Subtotal: \$5,356	\$2,768		
			Total Project Cost:	\$8,124		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 99 Location(s)

11-San Diego-52 0.4/5.7 1219 1112000155	In the city of San Diego, from 0.1 mile east of Route 5 to 0.2 mile east of Convoy Street; also on Route 805 from 0.2 mile south of Route 52 to Governor Drive (PM 23.5/24.4). Construct Maintenance Vehicle Pullouts (MVPs), pave slopes under bridge structures, pave narrow areas, upgrade irrigation controllers, replace signs, and pave beyond gores.	41180 2020-21	R/W: Con: \$3,296	PA&ED: \$394 PS&E: \$1,118 R/W Sup: Con Sup: \$539	Prior Prior 20-21	PA&ED: 9/6/2019 R/W Cert: 8/7/2020 RTL: 9/25/2020 Begin Con: 2/17/2021
Carryover			Subtotal: \$3,296	\$2,051		
			Total Project Cost:	\$5,347		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 52 Location(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
11-San Diego-56 0.3/9.7 1251 1112000157	In the city of San Diego, from El Camino Real Undercrossing to Route 56/15 Separation. Pave beyond gore areas, relocate irrigation control valve boxes, construct rumble strip.	41190 2021-22	R/W: Con: \$2,007	PA&ED: \$284 PS&E: \$629 R/W Sup: Con Sup: \$429	Prior 20-21 21-22		PA&ED: 5/15/2020 R/W Cert: 3/25/2021 RTL: 7/12/2021 Begin Con: 1/4/2022
Carryover			Subtotal: \$2,007	\$1,342			
			Total Project Cost:	\$3,349			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 106 Location(s)

11-San Diego-94 4.4/7.3 1253 1112000160	In the cities of San Diego and Lemon Grove, at various locations from 0.2 mile west of 47th Street Overcrossing to 0.6 mile west of College Avenue Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave areas beyond gore, upgrade guardrail, install concrete barrier/crash cushions, relocate irrigation/electrical equipment and upgrade curb ramps to current Americans with Disabilities Act (ADA) standards.	41220 2020-21	R/W: Con: \$2,973	PA&ED: \$340 PS&E: \$901 R/W Sup: Con Sup: \$858	Prior Prior 20-21		PA&ED: 9/6/2019 R/W Cert: 9/23/2020 RTL: 9/30/2020 Begin Con: 2/12/2021
Carryover			Subtotal: \$2,973	\$2,099			
			Total Project Cost:	\$5,072			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 38 Location(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-125 9.6/13.2 1141 1112000143 Carryover	In the cities of Lemon Grove and San Diego, from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, replace crash cushions, replace guardrail, install access gates, add smart irrigation controllers, relocate irrigation equipment and remove high maintenance landscaping.	41140 2020-21	R/W: Con: \$5,074	PA&ED: \$431 PS&E: \$864 R/W Sup: Con Sup: \$1,660	Prior Prior 20-21	PA&ED: 6/26/2019 R/W Cert: 7/16/2020 RTL: 9/3/2020 Begin Con: 3/1/2021
			Subtotal: \$5,074	\$2,955		
			Total Project Cost:	\$8,029		
					Roadside Safety Improvements/Freeway	
					Program 201.235 Maintenance Access	
					Project Output(s) 109 Location(s)	
11-San Diego-805 20.7/23.5 1142 1112000144 Carryover	In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct Maintenance Vehicle Pullouts (MVPs), install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate irrigation controls, and upgrade crash cushions.	41150 2020-21	R/W: \$50 Con: \$6,542	PA&ED: \$453 PS&E: \$1,033 R/W Sup: \$26 Con Sup: \$1,038	Prior Prior Prior 20-21	PA&ED: 5/16/2019 R/W Cert: 10/27/2020 RTL: 12/15/2020 Begin Con: 5/28/2021
			Subtotal: \$6,592	\$2,550		
			Total Project Cost:	\$9,142		
					Roadside Safety Improvements/Freeway	
					Program 201.235 Maintenance Access	
					Project Output(s) 97 Location(s)	

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

11-San Diego-5 R31.8/R32.2 1203 1115000173	In the city of San Diego, from Carmel Mountain Road to 0.4 mile north of Carmel Mountain Road; also at 0.1 mile south of Carmel Valley Road (PM R32.8). Stabilize existing slopes and landscaping from further erosion and sediment deposition into the Los Penasquitos Lagoon.	42200 2020-21	R/W: Con: \$1,533	PA&ED: \$283 PS&E: \$632 R/W Sup: Con Sup: \$892	Prior Prior 20-21	PA&ED: 4/17/2020 R/W Cert: 2/24/2021 RTL: 4/16/2021 Begin Con: 11/2/2021
<i>Carryover</i>			Subtotal: \$1,533	\$1,807		
			Total Project Cost:	\$3,340		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.0 Acre(s) treated/pollutant

11-San Diego-8 3.0/8.5 1227 1116000154	In the city of San Diego, from Mission Center Road to College Avenue. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards. Replaced damaged sidewalk and install accessible pedestrian signals.	42710 2021-22	R/W: \$25 Con: \$1,107	PA&ED: \$326 PS&E: \$1,148 R/W Sup: Con Sup: \$545	Prior 20-21 21-22	PA&ED: 7/20/2020 R/W Cert: 10/1/2021 RTL: 11/19/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$1,132	\$2,019		
			Total Project Cost:	\$3,151		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	17.0	17.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-94 2.6/R11.1 1191 1116000077	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroft Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards.	42510 2020-21	R/W: \$110 Con: \$1,834	PA&ED: \$776 PS&E: \$1,378 R/W Sup: \$134 Con Sup: \$703	Prior Prior Prior 20-21	PA&ED: 9/13/2019 R/W Cert: 7/10/2020 RTL: 8/28/2020 Begin Con: 1/8/2021
<i>Carryover</i>			Subtotal: \$1,944 Total Project Cost:	\$2,991 \$4,935		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

11-San Diego-805 3.5/13.1 1248 1117000045	In various cities, from Main Street/Auto Park Drive Undercrossing to Market Street Overcrossing. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards. Replace pedestrian signal heads, push buttons and relocate pull boxes, light poles and controller cabinet.	42900 2021-22	R/W: \$12 Con: \$3,098	PA&ED: \$843 PS&E: \$1,960 R/W Sup: Con Sup: \$1,189	Prior 20-21 21-22	PA&ED: 5/18/2020 R/W Cert: 2/3/2021 RTL: 10/27/2021 Begin Con: 6/27/2022
<i>Carryover</i>			Subtotal: \$3,110 Total Project Cost:	\$3,992 \$7,102		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 49 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45.0	45.0	Each
Post Condition	49.0	0.0	0.0	49.0	Each

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

11-San Diego-8 2.2 1256 1116000045	In the city of San Diego, at the east Route 8 to south Route 163 Connector Overcrossing No. 57 -0355G. Bridge rail replacement.	26410 2020-21	R/W: Con: \$1,867	PA&ED: \$374 PS&E: \$969 R/W Sup: Con Sup: \$848	Prior Prior 20-21	PA&ED: 11/8/2019 R/W Cert: 1/29/2021 RTL: 3/26/2021 Begin Con: 8/27/2021
			Subtotal: \$1,867	\$2,191		
Carryover			Total Project Cost:	\$4,058		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 318.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	318.0	318.0	Linear feet rail
Post Condition	318.0	0.0	0.0	318.0	Linear feet rail

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 57-0355G	Good	Good

11-San Diego-8 12.9/16.5 1339 1118000197	In La Mesa and El Cajon, from 0.1 mile west of Grossmont Boulevard to Mollison Avenue at various locations. Rehabilitate three bridge decks.	43043 2021-22	R/W: \$625 * Con: \$23,404	PA&ED: \$390 PS&E: \$1,974 R/W Sup: \$25 * Con Sup: \$4,031	Prior Prior 20-21 21-22	PA&ED: 5/20/2020 R/W Cert: 10/19/2021 RTL: 11/19/2021 Begin Con: 3/17/2022
			Subtotal: \$24,029	\$6,420		
Carryover (G13 Contingency)			Total Project Cost:	\$30,449		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	109,864.0	0.0	109,864.0	Square feet
Post Condition	109,864.0	0.0	0.0	109,864.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 57-0362	Fair	Good
Bridge No. 57-0365	Fair	Good
Bridge No. 57-0369	Fair	Good

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

11-San Diego-15 R31.3/R37.1 1350 1119000008	In and near Escondido, from 0.2 mile south of Route 78 to 0.5 mile north of Deer Springs Road. Rehabilitate pavement by replacing sections of the existing pavement and the outside shoulder with Continuously Reinforced Concrete Pavement (CRCP), pavement slab replacement, bridge approach slab replacement, bridge joint seal work, and sign panel replacement.	43051 2020-21	R/W: \$55,420 Con: \$55,420	PA&ED: \$2,749 PS&E: \$5,497 R/W Sup: \$200 Con Sup: \$10,994	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 1/8/2021 RTL: 4/26/2021 Begin Con: 3/18/2022
<i>Carryover</i>			Subtotal: \$55,420 Total Project Cost:	\$19,440 \$74,860		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 12.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.1	0.0	12.1	Lane mile(s)
Post Condition	12.1	0.0	0.0	12.1	Lane mile(s)

11-San Diego-52 5.1/8.7 1302 1118000079	In San Diego, from 0.4 mile west of Convoy Street Overcrossing (OC) to Santo Road OC. Roadway rehabilitation to mitigate highway settlement, construct auxiliary lane, Transportation Management System (TMS), lighting, and roadside safety improvements.	43025 2021-22	R/W: \$15 * Con: \$33,738	PA&ED: \$2,066 PS&E: \$3,452 R/W Sup: \$45 * Con Sup: \$5,654	Prior 20-21 20-21 21-22	PA&ED: 9/30/2020 R/W Cert: 11/29/2021 RTL: 4/18/2022 Begin Con: 7/29/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$33,753 Total Project Cost:	\$11,217 \$44,970		

** Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required*

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 7.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.8	0.0	7.8	Lane mile(s)
Post Condition	0.0	7.8	0.0	7.8	Lane mile(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R6.0/24.4 1344 1119000015	Near Lakeside and Ramona, from 0.2 mile north of San Diego River Bridge to Route 78. Rehabilitate asphalt pavement, drainage system restoration, curb ramp upgrades, guardrail upgrades, and enhance crosswalk visibility.	43056 2020-21	R/W: \$26,891 Con:	PA&ED: \$807 PS&E: \$2,690 R/W Sup: \$85 Con Sup: \$5,110	Prior Prior Prior 20-21	PA&ED: 12/13/2019 R/W Cert: 5/5/2020 RTL: 7/10/2020 Begin Con: 10/2/2020
Carryover			Subtotal: \$26,891 Total Project Cost:	\$8,692 \$35,583		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 49.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	48.9	0.0	49.8	Lane mile(s)
Post Condition	49.8	0.0	0.0	49.8	Lane mile(s)

11-San Diego-5 R0.3/R36.0 1301 1118000103	In and near the cities of San Diego, Chula Vista, and National City, from Camino De La Plaza Overcrossing to south of Via De La Valle; also at the Otay Mesa Commercial Vehicle Enforcement Facility (CVEF) at 2335 Enrico Fermi Drive. Rehabilitate pavement, drainage, and signs, upgrade Transportation Management System (TMS) elements, and make improvements at the CVEF.	43033 2022-23	R/W: \$105 Con: \$80,040	PA&ED: \$3,331 PS&E: \$6,915 R/W Sup: \$830 Con Sup: \$9,357	20-21 21-22 21-22 22-23	PA&ED: 6/30/2022 R/W Cert: 1/27/2023 RTL: 2/1/2023 Begin Con: 7/28/2023
New			Subtotal: \$80,145 Total Project Cost:	\$20,433 \$100,578		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 67.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	62.2	1.5	67.9	Lane mile(s)
Post Condition	67.9	0.0	0.0	67.9	Lane mile(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-54 0.0/6.4 1188 1116000068	In and near National City and Chula Vista, from Route 54/5 Separation to the Route 54/125 Junction. Rehabilitate flexible and rigid pavement on the traveled way, shoulders, ramps and connectors, upgrade guardrail and dike.	42480 2021-22	R/W: \$297 Con: \$21,329	PA&ED: \$709 PS&E: \$2,260 R/W Sup: \$24 Con Sup: \$2,513	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 8/31/2021 RTL: 10/22/2021 Begin Con: 5/20/2022
Carryover			Subtotal: \$21,626	\$5,506		
			Total Project Cost:	\$27,132		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.2	0.0	43.2	Lane mile(s)
Post Condition	43.2	0.0	0.0	43.2	Lane mile(s)

11-San Diego-78 0.0/N17.7 1319 1118000128	In and near Oceanside, Vista, San Marcos, and Escondido, from Route 5 to North Broadway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade bridge rail, upgrade Transportation Management System (TMS) elements, replace damaged sign panels, upgrade safety features, and make operational improvements to reduce delay.	43040 2022-23	R/W: \$2,050 Con: \$104,263	PA&ED: \$6,804 PS&E: \$8,824 R/W Sup: \$876 Con Sup: \$14,884	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 5/3/2023 RTL: 5/17/2023 Begin Con: 10/2/2023
New			Subtotal: \$106,313	\$31,388		
			Total Project Cost:	\$137,701		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 80.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	76.9	3.5	80.4	Lane mile(s)
Post Condition	80.4	0.0	0.0	80.4	Lane mile(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-125 12.9/22.3 1257 1116000061	In and near La Mesa, El Cajon, Lemon Grove, and Santee, from the southern Route 94 Separation to Mission Gorge Road; also on Route 94 from the western Route 125 separation to the eastern Route 125 separation (PM R9.8/R10.6). Rehabilitate pavement by grinding and replacing concrete slabs and cold plane and overlay shoulders with Rubberized Hot Mix Asphalt (RHMA-G).	42380 2021-22	R/W: \$252 * Con: \$34,185	PA&ED: \$1,383 PS&E: \$2,541 R/W Sup: \$53 * Con Sup: \$3,863	Prior Prior Prior 21-22	PA&ED: 11/15/2019 R/W Cert: 8/2/2021 RTL: 9/22/2021 Begin Con: 4/19/2022
Carryover			Subtotal: \$34,437	\$7,840		
			Total Project Cost:	\$42,277		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	49.5 Lane mile(s)		
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	49.1	0.4	49.5	Lane mile(s)
Post Condition	49.5	0.0	0.0	49.5	Lane mile(s)

11-San Diego-8 R31.8/R41.7 1255 1116000059	Near Alpine, from Viejas Creek Bridge to Pine Valley Creek Bridge. Grind, remove and replace Jointed Plain Concrete Pavement (JPCP) lanes, remove and replace asphalt concrete outside shoulders and cold plane and overlay inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips.	42370 2021-22	R/W: Con: \$43,768	PA&ED: \$936 PS&E: \$3,276 R/W Sup: Con Sup: \$5,479	Prior Prior 21-22	PA&ED: 5/1/2019 R/W Cert: 1/8/2021 RTL: 7/13/2021 Begin Con: 12/22/2021
Carryover			Subtotal: \$43,768	\$9,691		
			Total Project Cost:	\$53,459		
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	22.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.8	0.0	22.8	Lane mile(s)
Post Condition	22.8	0.0	0.0	22.8	Lane mile(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-125 10.0/13.0 1310 1118000033	In and near Lemon Grove, from 0.1 mile north of Jamacha Boulevard Overcrossing to Route 94. Pavement rehabilitation.	43024 2021-22	R/W: \$120 * Con: \$54,357	PA&ED: \$3,071 PS&E: \$5,557 R/W Sup: \$317 * Con Sup: \$9,027	Prior Prior Prior 21-22	PA&ED: 7/10/2020 R/W Cert: 11/29/2021 RTL: 2/18/2022 Begin Con: 7/18/2022
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Subtotal: \$54,477 \$17,972
Total Project Cost: \$72,449

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.5	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

11-San Diego-805 0.1/14.6 1311 1118000029	In and near the cities of San Diego, Chula Vista, and National City, from south of Route 5 (PM 0.149) to Route 15. Rehabilitate roadway, rehabilitate culverts, construct auxiliary lanes, upgrade safety devices, enhance highway worker safety, upgrade lighting, and make bicycle and pedestrian improvements.	43023 2023-24	R/W: \$1,305 * Con: \$141,386	PA&ED: \$6,652 PS&E: \$16,138 R/W Sup: \$1,660 * Con Sup: \$26,098	20-21 22-23 22-23 23-24	PA&ED: 5/16/2022 R/W Cert: 4/30/2024 RTL: 5/31/2024 Begin Con: 12/6/2024
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Subtotal: \$142,691 \$50,548
Total Project Cost: \$193,239

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 71.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	71.6	0.0	71.6	Lane mile(s)
Post Condition	71.6	0.0	0.0	71.6	Lane mile(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-8 R23.0/R61.3 1194 1115000178	In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing. Rehabilitate culverts and energy dissipaters.	42210 2020-21	R/W: \$50 Con: \$6,573	PA&ED: \$1,077 PS&E: \$1,246 R/W Sup: \$319 Con Sup: \$1,636	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 7/2/2020 RTL: 8/20/2020 Begin Con: 4/14/2021
Carryover			Subtotal: \$6,623	\$4,278		
			Total Project Cost:	\$10,901		

Program 201.151 Drainage System Restoration
Project Output(s) 14 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	694.0	4,800.0	5,494.0	Linear feet
Post Condition	5,494.0	0.0	0.0	5,494.0	Linear feet

11-San Diego-15 0.4/R10.6 1315 1118000001	In the city of San Diego, from Main Street to Route 52. Rehabilitate culverts, upgrade lighting, replace signs, install new Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities (ADA) standards.	43019 2022-23	R/W: \$366 Con: \$23,819	PA&ED: \$1,610 PS&E: \$4,466 R/W Sup: \$197 Con Sup: \$3,998	20-21 21-22 21-22 22-23	PA&ED: 2/25/2022 R/W Cert: 6/12/2023 RTL: 6/26/2023 Begin Con: 12/18/2023
New			Subtotal: \$24,185	\$10,271		
			Total Project Cost:	\$34,456		

Program 201.151 Drainage System Restoration
Project Output(s) 71 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,719.0	8,719.0	Linear feet
Post Condition	8,719.0	0.0	0.0	8,719.0	Linear feet

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R4.1/15.9 1314 1118000095	Near Lakeside and Eucalyptus Hills, from north of Riverford Road to Ellie Lane. Rehabilitate culverts, upgrade lighting, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43031 2023-24	R/W: \$350 Con: \$8,573	PA&ED: \$1,128 PS&E: \$1,461 R/W Sup: \$305 Con Sup: \$1,527	20-21 22-23 22-23 23-24	PA&ED: 6/3/2022 R/W Cert: 9/29/2023 RTL: 11/30/2023 Begin Con: 3/29/2024
New			Subtotal: \$8,923 Total Project Cost:	\$4,421 \$13,344		

Program 201.151 Drainage System Restoration
Project Output(s) 35 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	140.4	754.0	2,735.2	3,629.6	Linear feet
Post Condition	3,629.6	0.0	0.0	3,629.6	Linear feet

11-San Diego-76 R17.5/52.2 1307 1118000084	Near Pala, Pauma Valley, Rincon, and La Jolla Amago, from east of Route 15 to west of Route 79. Rehabilitate culverts, replace signs, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43027 2023-24	R/W: \$500 Con: \$13,909	PA&ED: \$1,533 PS&E: \$1,506 R/W Sup: \$1,587 Con Sup: \$2,224	20-21 22-23 22-23 23-24	PA&ED: 8/22/2022 R/W Cert: 1/5/2024 RTL: 2/23/2024 Begin Con: 7/19/2024
New			Subtotal: \$14,409 Total Project Cost:	\$6,850 \$21,259		

Program 201.151 Drainage System Restoration
Project Output(s) 82 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,302.0	5,302.0	Linear feet
Post Condition	5,302.0	0.0	0.0	5,302.0	Linear feet

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-78 0.0/R16.5 1247 1115000180	In San Diego County, at various locations from 0.1 mile east of Route 78/5 Separation to Route 15/78 Separation. Rehabilitate and replace culverts including invert paving, joint repair grouting, Cured-in-Place Pipeliner (CIPP) and drainage inlet lid repair.	42230 2021-22	R/W: \$204 Con: \$8,519	PA&ED: \$811 PS&E: \$2,388 R/W Sup: \$212 Con Sup: \$2,047	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 12/10/2021 RTL: 12/10/2021 Begin Con: 6/13/2022
Carryover			Subtotal: \$8,723	\$5,458		
			Total Project Cost:	\$14,181		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	257.0	2,122.0	3,399.0	5,778.0	Linear feet
Post Condition	5,778.0	0.0	0.0	5,778.0	Linear feet

11-San Diego-79 20.3/53.0 1313 1118000109	Near Santa Ysabel, Warner Springs, and Holcomb Village, from north of Route 79 to the Riverside County line. Rehabilitate culverts, replace sign panels, and make bicycle and pedestrian improvements.	43036 2023-24	R/W: \$175 Con: \$7,350	PA&ED: \$963 PS&E: \$1,221 R/W Sup: \$669 Con Sup: \$1,399	20-21 21-22 21-22 23-24	PA&ED: 4/19/2022 R/W Cert: 11/1/2023 RTL: 12/15/2023 Begin Con: 8/9/2024
New			Subtotal: \$7,525	\$4,252		
			Total Project Cost:	\$11,777		

Program 201.151 Drainage System Restoration
Project Output(s) 90 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,970.0	5,970.0	Linear feet
Post Condition	5,970.0	0.0	0.0	5,970.0	Linear feet

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-94 1.4/16.0 1303 1118000104	In and near San Diego and Lemon Grove, from Route 5 (PM 1.416) to east of Millar Ranch Road. Rehabilitate culverts, rehabilitate pavement, replace signs, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	43034 2023-24	R/W: \$1,800 * Con: \$59,314	PA&ED: \$2,825 PS&E: \$4,147 R/W Sup: \$1,404 * Con Sup: \$8,611	20-21 22-23 22-23 23-24	PA&ED: 7/15/2022 R/W Cert: 1/12/2024 RTL: 3/15/2024 Begin Con: 7/26/2024
New			Subtotal: \$61,114	\$16,987		
			Total Project Cost:	\$78,101		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.151 Drainage System Restoration		
			Project Output(s)	37 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,878.0	3,878.0	Linear feet
Post Condition	3,878.0	0.0	0.0	3,878.0	Linear feet

11-San Diego-94 15.3/65.3 1306 1118000083	Near Jamul, Campo, and Boulevard, from south of Route 54/Jamacha Road to Route 8; also on Route 188, from the Mexico border to Route 94 (PM 0.0/1.850). Rehabilitate culverts, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, replace roadside signs, install rumble strips, and upgrade lighting. (G13 Contingency)	43026 2023-24	R/W: \$1,420 * Con: \$23,243	PA&ED: \$2,335 PS&E: \$2,118 R/W Sup: \$1,327 * Con Sup: \$2,922	20-21 22-23 22-23 23-24	PA&ED: 7/15/2022 R/W Cert: 1/19/2024 RTL: 3/8/2024 Begin Con: 8/16/2024
New			Subtotal: \$24,663	\$8,702		
			Total Project Cost:	\$33,365		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.151 Drainage System Restoration		
			Project Output(s)	91 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	492.4	2,702.9	2,835.7	6,031.0	Linear feet
Post Condition	6,031.0	0.0	0.0	6,031.0	Linear feet

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 23.7/28.5 1308 1118000114	In the city of San Diego, from north of Route 52 to Route 5. Rehabilitate culverts, upgrade Transportation Management System (TMS) elements, replace signs, enhance highway worker safety, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43038 2023-24	R/W: \$1,000 Con: \$32,889	PA&ED: \$1,479 PS&E: \$4,285 R/W Sup: \$126 Con Sup: \$7,289	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 5/10/2024 RTL: 6/7/2024 Begin Con: 12/6/2024
New			Subtotal: \$33,889 Total Project Cost:	\$13,179 \$47,068		

SBI Baseline Agreement Required

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,058.0	786.0	1,844.0	Linear feet
Post Condition	1,844.0	0.0	0.0	1,844.0	Linear feet

MOBILITY

11-San Diego-5 R42.2/R47.1 1320 1118000134	In Encinitas and Carlsbad, from south of Leucadia Boulevard to north of Palomar Airport Road. Construct auxiliary lanes to facilitate merging movements and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43041 2022-23	R/W: \$69 Con: \$21,508	PA&ED: \$400 PS&E: \$50 R/W Sup: \$1,231 Con Sup: \$1,231	20-21 20-21 22-23	PA&ED: 10-23-2013 R/W Cert: 5/16/2022 RTL: 7/1/2022 Begin Con: 1/12/2023
New			Subtotal: \$21,577 Total Project Cost:	\$1,681 \$23,258		

Program 201.310 Operational Improvements
Project Output(s) 550.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-5 R47.0/R48.0 1279 1117000206	In Carlsbad, from Palomar Airport Road to Cannon Road. Construct auxiliary lane in southbound direction for operational efficiency.	43017 2021-22	R/W: \$23 Con: \$5,501	PA&ED: \$207 PS&E: \$1,052 R/W Sup: Con Sup: \$1,243	Prior Prior 21-22	PA&ED: 1/27/2015 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 11/15/2021
<i>Carryover</i>			Subtotal: \$5,524 Total Project Cost:	\$2,502 \$8,026		

Program 201.310 Operational Improvements
Project Output(s) 77.0 Daily vehicle hour(s) of delay (DVHD)

11-San Diego-5 R0.3/R15.2 1241 1116000177	In San Diego County, at various locations; also on Route 905 (PM 2.5/5.4) and Route 805 (PM 0.2/14.0). Install fiber optic communication lines to improve regional traffic operations and mobility near the United States/Mexico border.	42750 2020-21	R/W: \$375 Con: \$19,827	PA&ED: \$818 PS&E: \$1,721 R/W Sup: \$62 Con Sup: \$4,404	Prior Prior Prior 20-21	PA&ED: 10/15/2018 R/W Cert: 5/17/2020 RTL: 5/30/2020 Begin Con: 12/2/2020
<i>Carryover</i>			Subtotal: \$20,202 Total Project Cost:	\$7,005 \$27,207		

Program 201.315 Transportation Management Systems
Project Output(s) 13.8 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0.0	Mile(s) of cable
Post Condition	100.0%	0.0%	13.8	Mile(s) of cable

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY	FY	FY	
11-San Diego-163 4.4/R10.8 1355 1118000260	In the city of San Diego, from Friars Road to Kearny Villa Road. Upgrade Transportation Management System (TMS) elements, upgrade Weigh-in-Motion (WIM) scale, enhance highway worker safety, and make pedestrian safety improvements.	43048 2022-23	R/W: \$1 Con: \$7,297	PA&ED: \$800 PS&E: \$1,180 R/W Sup: Con Sup: \$1,530	20-21 21-22 22-23	20-21 21-22 22-23	PA&ED: 10/8/2021 R/W Cert: 1/6/2023 RTL: 2/24/2023 Begin Con: 7/21/2023	
New			Subtotal: \$7,298 Total Project Cost:	\$3,510 \$10,808				

Program 201.315 Transportation Management Systems
Project Output(s) 3 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	3	Field element(s)
Post Condition	100.0%	0.0%	3	Field element(s)

11-San Diego-805 14.6/23.7 1309 1118000102	In the city of San Diego, from Route 15 to Route 52. Add and upgrade Transportation Management System (TMS) elements, rehabilitate pavement, rehabilitate drainage, replace signs, and enhance highway worker safety. (G13 Contingency)	43032 2022-23	R/W: \$360 * Con: \$57,936	PA&ED: \$2,863 PS&E: \$5,804 R/W Sup: \$117 * Con Sup: \$10,898	20-21 21-22 21-22 22-23	20-21 21-22 21-22 22-23	PA&ED: 5/21/2021 R/W Cert: 3/9/2023 RTL: 4/6/2023 Begin Con: 10/24/2023
New			Subtotal: \$58,296 Total Project Cost:	\$19,682 \$77,978			

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 141 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	64	Field element(s)
Post Condition	100.0%	0.0%	141	Field element(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

11-San Diego-5 R0.3/R5.0 1245 1119000066	In the city of San Diego, from Camino de la Plaza Overcrossing to Otay River Bridge; also on Route 805, from Route 805/5 Separation to San Ysidro Boulevard Undercrossing. Convert potable irrigation system to recycled water, replace deteriorated water supply lines, and plant landscaping for erosion control.	43067 2020-21	R/W: \$40 Con: \$11,990	PA&ED: \$384 PS&E: \$1,687 R/W Sup: \$3 Con Sup: \$1,895	Prior Prior Prior 20-21	PA&ED: 11/15/2019 R/W Cert: 9/18/2020 RTL: 11/13/2020 Begin Con: 4/9/2021
<i>Carryover</i>			Subtotal: \$12,030	\$3,969		
			Total Project Cost:	\$15,999		

Program 201.210 Highway Planting Restoration
Project Output(s) 136.6 Acre(s)

11-San Diego-805 0.7/3.3 1244 1117000038	In the city of San Diego, from San Ysidro Boulevard Undercrossing to Otay River Bridge; also on Route 905, from 0.3 mile east of Picador Boulevard Undercrossing to Caliente Avenue Overcrossing. Convert potable irrigation systems to recycled water.	42880 2020-21	R/W: \$30 Con: \$8,220	PA&ED: \$327 PS&E: \$1,149 R/W Sup: \$3 Con Sup: \$1,174	Prior Prior Prior 20-21	PA&ED: 10/10/2019 R/W Cert: 9/3/2020 RTL: 10/9/2020 Begin Con: 4/23/2021
<i>Carryover</i>			Subtotal: \$8,250	\$2,653		
			Total Project Cost:	\$10,903		

Program 201.210 Highway Planting Restoration
Project Output(s) 139.0 Acre(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 3.4/5.1 1243 1117000037	In Chula Vista, from 0.3 mile south of Main Street Undercrossing to Palomar Street Overcrossing. Convert potable irrigation systems to recycled water.	42870 2020-21	R/W: \$20 Con: \$4,097	PA&ED: \$284 PS&E: \$721 R/W Sup: \$3 Con Sup: \$888	Prior Prior Prior 20-21	PA&ED: 1/17/2020 R/W Cert: 12/10/2020 RTL: 1/19/2021 Begin Con: 7/28/2021
<i>Carryover</i>			Subtotal: \$4,117	\$1,896		
			Total Project Cost:	\$6,013		

Program 201.210 Highway Planting Restoration
Project Output(s) 40.0 Acre(s)

MULTIPLE OBJECTIVE

11-San Diego-5 R30.0/R34.3 1218 1116000125	In the city of San Diego, from 0.5 mile north of Genesee Avenue to 0.2 mile north of Del Mar Heights Road. Construct rumble strips on both shoulders, rehabilitate bike path, and install fiber optic cable/Closed Circuit Television (CCTV). Asset Management Pilot Project.	42650 2020-21	R/W: Con: \$3,824	PA&ED: \$471 PS&E: \$1,304 R/W Sup: \$40 Con Sup: \$678	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 9/4/2020 RTL: 10/16/2020 Begin Con: 4/9/2021
<i>Carryover</i>			Subtotal: \$3,824	\$2,493		
			Total Project Cost:	\$6,317		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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San Diego County

			R/W: \$11,760	PA&ED: \$54,947		
			Const: \$988,326	PS&E: \$110,777		
				R/W Sup: \$10,699		
				Con Sup: \$164,239		
			<hr/>			
			Subtotal: \$1,000,086	\$340,662		
			Total (Capital + Support):	\$1,340,748		

**2020 SHOPP Project List
San Francisco
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-San Francisco-35 1.3 1459E 0417000157	In the City and County of San Francisco, at Great Highway intersection. Install new signal.	3K420 2021-22	R/W: \$62 Con: \$1,547	PA&ED: \$1,550 PS&E: \$1,291 R/W Sup: \$179 Con Sup: \$1,341	Prior 20-21 20-21 21-22	PA&ED: 6/30/2020 R/W Cert: 8/31/2021 RTL: 9/30/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$1,609	\$4,361		
			Total Project Cost:	\$5,970		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

04-San Francisco-101 0.5/R5.2 1493G 0416000048	In the City and County of San Francisco, from Bayshore Boulevard Overcrossing (OC) to South Van Ness Avenue; also on Route 280, from Monterey Boulevard onramp OC to King Street onramp (PM R2.8 to T7.2). Install vandalism-resistant security fence and gates to reduce maintenance repairs and enhance highway worker safety.	4J970 2020-21	R/W: \$3 Con: \$6,196	PA&ED: \$950 PS&E: \$1,000 R/W Sup: \$95 Con Sup: \$1,520	Prior Prior Prior 20-21	PA&ED: 11/29/2019 R/W Cert: 5/31/2021 RTL: 6/30/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$6,199	\$3,565		
			Total Project Cost:	\$9,764		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 80 Location(s)

**2020 SHOPP Project List
San Francisco
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-San Francisco-101 4.1/R5.1 2021K 0418000036 New	in the City and County of San Francisco, at Central Viaduct No. 34 -0077; also on Route 80 at Bayshore Viaduct No. 34-0088 (PM L3.79/4.99). Rehabilitate bridges by overlaying bridge deck, replacing joint seals, and upgrading bridge rails. (G13 Contingency)	0Q020	R/W: \$52	PA&ED: \$1,941	20-21	PA&ED: 2/1/2022
		2023-24	* Con: \$34,308	PS&E: \$3,466	21-22	R/W Cert: 9/1/2023
				R/W Sup: \$292	21-22	RTL: 10/1/2023
				* Con Sup: \$4,661	23-24	Begin Con: 5/1/2024
				Subtotal: \$34,360	\$10,360	
		Total Project Cost: \$44,720				
		* Construction Capital and * Construction Support phases are NOT authorized				
		SBI Baseline Agreement Required				
		Program	201.110 Bridge Major Rehabilitation			
		Project Output(s)	2 Bridge(s)			

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	450,017.0	756,121.0	1,206,138.0	Square feet
Post Condition	1,206,138.0	0.0	0.0	1,206,138.0	Square feet

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 34-0077	Fair	Fair
Bridge No. 34-0088	Fair	Fair

04-San Francisco-101 2.0/2.9 1450E 0416000380 Carryover	In the City and County of San Francisco, at Alemany Circle Undercrossing (UC) No. 34-0064K, Alemany Circle UC No. 34-0063S and Bayshore Boulevard UC No. 34-0047S; also in San Mateo County in Pacifica, at Paloma Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.	2K190	R/W: \$10	PA&ED: \$657	Prior	PA&ED: 5/1/2020
		2020-21	Con: \$5,461	PS&E: \$1,751	Prior	R/W Cert: 1/1/2021
				R/W Sup: \$164	Prior	RTL: 3/1/2021
				Con Sup: \$1,805	20-21	Begin Con: 10/1/2021
				Subtotal: \$5,471	\$4,377	
		Total Project Cost: \$9,848				
		Program	201.112 Bridge Rail Replacement and Upgrade			
		Project Output(s)	2,249.0 Linear feet rail 4 Bridge(s)			

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,249.0	2,249.0	Linear feet rail
Post Condition	2,249.0	0.0	0.0	2,249.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 34-0047S	Good	Good
Bridge No. 34-0063S	Poor	Poor
Bridge No. 34-0064K	Good	Good
Bridge No. 35-0187	Fair	Fair

**2020 SHOPP Project List
San Francisco**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Francisco-101 3.4 2026H 0419000015	In the City and County of San Francisco, at Twenty Third Street Overcrossing No. 34-0035 (PM 3.37); also at Third Street Undercrossing No. 34-0030S (PM 0.77). Upgrade bridge rails.	2Q460 2023-24	R/W: \$33 Con: \$2,750	PA&ED: \$772 PS&E: \$1,255 R/W Sup: \$125 Con Sup: \$1,353	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 7/1/2023 RTL: 7/1/2023 Begin Con: 3/1/2024
New			Subtotal: \$2,783 Total Project Cost:	\$3,505 \$6,288		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 843.0 Linear feet rail
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	843.0	843.0	Linear feet rail
Post Condition	843.0	0.0	0.0	843.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 34-0030S	Good	Good
Bridge No. 34-0035	Fair	Fair

ROADWAY PRESERVATION

04-San Francisco-101 0.0/T4.9 2025D 0418000341	In the City and County of San Francisco, from San Mateo County line to Market Street. Rehabilitate roadway, upgrade signs, concrete barrier, and Transportation Management System (TMS) elements, rehabilitate drainage, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q820 2023-24	R/W: \$424 * Con: \$45,556	PA&ED: \$2,594 PS&E: \$4,500 R/W Sup: \$223 * Con Sup: \$6,833	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$45,980 Total Project Cost:	\$14,150 \$60,130		

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 14.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.9	3.3	14.2	Lane mile(s)
Post Condition	14.2	0.0	0.0	14.2	Lane mile(s)

**2020 SHOPP Project List
San Francisco
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Francisco-280 R0.0/T7.5 2022B 0418000045	In the City and County of San Francisco, from San Mateo County line to Brannan Street. Rehabilitate pavement, upgrade concrete median barrier, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and replace Whipple Avenue Pedestrian Overcrossing No. 34-0096. (G13 Contingency)	0Q120 2023-24	R/W: \$1,373 * Con: \$82,958	PA&ED: \$4,101 PS&E: \$6,682 R/W Sup: \$322 * Con Sup: \$9,877	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 9/2/2024
New			Subtotal: \$84,331	\$20,982		
			Total Project Cost:	\$105,313		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	35.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	13.6	21.4	0.0	35.0	Lane mile(s)
Post Condition	35.0	0.0	0.0	35.0	Lane mile(s)

FACILITIES

04-San Francisco-101 4.2 1453E 0417000057	In the City and County of San Francisco, at the District 4 Materials Laboratory beneath Route 101 (325 San Bruno Avenue). Construct permanent District 4 Materials Lab at alternative state-owned site to replace obsolete facility closed in March 2015 due to unsafe conditions.	2K950 2021-22	R/W: \$255 Con: \$12,087	PA&ED: \$2,210 PS&E: \$1,820 R/W Sup: \$130 Con Sup: \$3,086	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$12,342	\$7,246		
			Total Project Cost:	\$19,588		
			Program	201.354 Materials Labs		
			Project Output(s)	1 Location(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	13,880.0	0.0	0.0	13,880.0	Square feet

**2020 SHOPP Project List
San Francisco**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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San Francisco County

			R/W: \$2,212	PA&ED: \$14,775		
			Const: \$190,863	PS&E: \$21,765		
				R/W Sup: \$1,530		
				Con Sup: \$30,476		
			Subtotal: \$193,075		\$68,546	
			Total (Capital + Support):		\$261,621	

**2020 SHOPP Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-San Joaquin-120 11.6 3477 1019000084	Near Manteca, at French Camp Road. Construct roundabout.	1K460 2023-24	R/W: \$2,453 Con: \$8,083	PA&ED: \$1,660 PS&E: \$1,598 R/W Sup: \$591 Con Sup: \$1,819	Prior 21-22 21-22 23-24	PA&ED: 11/22/2021 R/W Cert: 5/1/2024 RTL: 5/15/2024 Begin Con: 12/16/2024
			Subtotal: \$10,536	\$5,668		
<i>Carryover</i>			Total Project Cost:	\$16,204		

Program 201.010 Safety Improvements
Project Output(s) 50 Collision(s) reduced

10-San Joaquin-205 L0.0/R13.2 3474 1018000272	In and near Tracy, from Alameda County line to Route 5. Upgrade guardrail to current standards.	1C380 2022-23	R/W: \$19 Con: \$5,945	PA&ED: \$794 PS&E: \$1,348 R/W Sup: \$19 Con Sup: \$868	20-21 21-22 21-22 22-23	PA&ED: 6/2/2021 R/W Cert: 7/1/2022 RTL: 2/15/2023 Begin Con: 9/16/2023
			Subtotal: \$5,964	\$3,029		
<i>New</i>			Total Project Cost:	\$8,993		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-99 0.0/7.0 3298 1017000204 New	In and near Manteca, Ripon and Salida, from south of Hammett Road to north of Yosemite Avenue. Pave areas behind the gore, construct Maintenance Vehicle Pullouts (MVPs), and slope pave beneath abutments to reduce maintenance and enhance highway worker safety.	1H530 2022-23	R/W: \$55 Con: \$2,289	PA&ED: \$444 PS&E: \$826 R/W Sup: \$10 Con Sup: \$715	20-21 21-22 21-22 22-23	PA&ED: 5/7/2021 R/W Cert: 6/8/2022 RTL: 9/21/2022 Begin Con: 4/17/2023
			Subtotal: \$2,344	\$1,995		
			Total Project Cost:	\$4,339		
						Roadside Safety Improvements/Freeway
						Program 201.235 Maintenance Access
						Project Output(s) 41 Location(s)

10-San Joaquin-99 14.4/29.4 3237 1017000015 Carryover	In and near Stockton and Lodi, at various locations from 0.3 mile south of Arch Road Undercrossing to south of Kettleman Lane. Pave areas behind the gore and slopes to reduce maintenance and improve highway worker safety.	1C760 2020-21	R/W: \$23 Con: \$1,922	PA&ED: \$495 PS&E: \$1,130 R/W Sup: \$15 Con Sup: \$790	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 8/21/2020 RTL: 10/15/2020 Begin Con: 4/21/2021
			Subtotal: \$1,945	\$2,430		
			Total Project Cost:	\$4,375		
						Roadside Safety Improvements/Freeway
						Program 201.235 Maintenance Access
						Project Output(s) 26 Location(s)

**2020 SHOPP Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-99 28.2/31.7 3407 1017000203	In and near Lodi, from south of Harney Lane to north of Turner Road. Pave areas behind the gore, install fence, place vegetation control barriers, slope pave beneath abutments, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1H510 2022-23	R/W: \$45 Con: \$5,506	PA&ED: \$758 PS&E: \$822 R/W Sup: \$11 Con Sup: \$1,085	20-21 21-22 21-22 22-23	PA&ED: 8/31/2021 R/W Cert: 10/14/2022 RTL: 11/15/2022 Begin Con: 5/19/2023
<i>New</i>			Subtotal: \$5,551 Total Project Cost:	\$2,676 \$8,227		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 24 Location(s)

MANDATES

10-San Joaquin-12 17.4/18.1 3254 1017000016	In Lodi, from Stockton Street to Route 99. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards.	1G510 2021-22	R/W: \$479 Con: \$2,066	PA&ED: \$286 PS&E: \$770 R/W Sup: \$915 Con Sup: \$637	Prior Prior Prior 21-22	PA&ED: 6/17/2019 R/W Cert: 9/30/2021 RTL: 11/1/2021 Begin Con: 5/12/2022
<i>Carryover</i>			Subtotal: \$2,545 Total Project Cost:	\$2,608 \$5,153		
						Americans with Disabilities Act New Curb Program 201.361 Ramps Project Output(s) 11 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11.0	11.0	Each
Post Condition	11.0	0.0	0.0	11.0	Each

**2020 SHOPP Project List
San Joaquin**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-San Joaquin-5 26.1/26.5 3133 1012000259	In Stockton, at the Stockton Channel Viaduct Bridge No. 29-0176L/R. Bridge rehabilitation to address structural and load carrying capacity deficiencies. This is a Design-Build project. (PA&ED and PS&E Only)	0X460 2020-21	R/W: Con:	PA&ED: \$4,169 PS&E: \$15,000 R/W Sup: Con Sup:	Prior 20-21	PA&ED: 6/30/2021 R/W Cert: RTL: 9/6/2024 Begin Con:
<i>Carryover</i>			Subtotal:	\$19,169		
			Total Project Cost:	\$19,169		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

10-San Joaquin-4 0.0 3276 1017000185	Near Discovery Bay, at Old River Bridge No. 29-0045. Remove and replace the deteriorated fender system.	1H360 2023-24	R/W: Con:	\$872 \$6,121	PA&ED: \$1,591 PS&E: \$1,321 R/W Sup: Con Sup: \$2,099	20-21 22-23 23-24	PA&ED: 4/1/2023 R/W Cert: 3/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
<i>New</i>			Subtotal:	\$6,993	\$5,011		
			Total Project Cost:	\$12,004			

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11,453.0	0.0	11,453.0	Square feet
Post Condition	11,453.0	0.0	0.0	11,453.0	Square feet
Bridge Health	Existing Condition		Post Condition		
Bridge No. 29-0045	Fair	Fair			

2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-12 R4.4 3273 1017000024	Near Terminous, at Little Potato Slough Bridge No. 29-0101. Replace joint seals and bearing pads using temporary pile supports.	1F760 2020-21	R/W: \$300 Con: \$3,700	PA&ED: \$553 PS&E: \$1,005 R/W Sup: \$2 Con Sup: \$1,280	Prior 20-21 20-21 20-21	PA&ED: 7/20/2020 R/W Cert: 2/17/2021 RTL: 5/20/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$4,000	\$2,840		
			Total Project Cost:	\$6,840		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	151,976.0	0.0	0.0	151,976.0	Square feet
Post Condition	151,976.0	0.0	0.0	151,976.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0101	Good	Good

10-San Joaquin-26 1.1 3169 1016000032	Near Stockton, at Route 26/99 Separation No. 29-0142 (PM 1.11). Establish standard vertical clearance.	1F170 2020-21	R/W: \$7 Con: \$11,536	PA&ED: \$598 PS&E: \$1,827 R/W Sup: \$13 Con Sup: \$3,221	Prior Prior Prior 20-21	PA&ED: 6/17/2019 R/W Cert: 12/15/2020 RTL: 1/15/2021 Begin Con: 7/1/2021
<i>Carryover</i>			Subtotal: \$11,543	\$5,659		
			Total Project Cost:	\$17,202		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Goods Movement)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,850.0	0.0	10,850.0	Square feet
Post Condition	10,850.0	0.0	0.0	10,850.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0142	Good	Good

**2020 SHOPP Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-San Joaquin-5 32.5/49.8 3427 1018000273 New	In and near Stockton, from Hammer Lane to the Sacramento County line (PM 49.819). Rehabilitate roadway, upgrade lighting, guardrail and bridge railing, install Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1E300 2022-23	R/W: \$49	PA&ED: \$2,108	20-21	PA&ED: 10/14/2021 R/W Cert: 5/15/2023 RTL: 6/16/2023 Begin Con: 2/1/2024
			Con: \$81,169	PS&E: \$4,153	21-22	
				R/W Sup: \$162	21-22	
				Con Sup: \$10,953	22-23	
			Subtotal: \$81,218	\$17,376		
			Total Project Cost:	\$98,594		

SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 82.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	81.3	1.0	82.3	Lane mile(s)
Post Condition	82.3	0.0	0.0	82.3	Lane mile(s)

10-San Joaquin-4 19.5/38.1 3277 1017000178 New	Near Stockton, from Route 99 to Stanislaus County line (PM 38.059); also in Stanislaus County from San Joaquin County line to 0.5 mile east of Dunton Road (PM 0.0/7.2). Rehabilitate pavement, upgrade guardrail, construct rumble strips, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, install Transportation Management System (TMS) elements, and upgrade bridge railing.	1C050 2023-24	R/W: \$379	PA&ED: \$2,660	20-21	PA&ED: 2/1/2023 R/W Cert: 6/1/2024 RTL: 6/15/2024 Begin Con: 12/15/2024
			* Con: \$36,437	PS&E: \$2,701	22-23	
				R/W Sup: \$657	22-23	
				* Con Sup: \$5,250	23-24	
			Subtotal: \$36,816	\$11,268		
			Total Project Cost:	\$48,084		

** Construction Capital and * Construction Support phases are NOT authorized*

SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 50.8 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.8	44.1	1.9	50.8	Lane mile(s)
Post Condition	50.8	0.0	0.0	50.8	Lane mile(s)

2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-88 5.1/16.4 7546 1000020021 New	Near Lockeford, east of Comstock Road to east of Disch Road. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, reconstruct rumble strips, lengthen merge lanes, replace signs, and upgrade Transportation Management System (TMS) elements. (G13 Contingency)	27920 2023-24	R/W: \$1,336 * Con: \$25,393	PA&ED: \$2,168 PS&E: \$2,267 R/W Sup: \$800 * Con Sup: \$3,977	20-21 21-22 21-22 23-24	PA&ED: 3/11/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 7/16/2024
			Subtotal: \$26,729	\$9,212		
			Total Project Cost:	\$35,941		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	26.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	19.8	2.7	26.7	Lane mile(s)
Post Condition	26.7	0.0	0.0	26.7	Lane mile(s)

10-San Joaquin-88 13.7/14.0 3141 1013000260 Carryover	Near Lockeford, from 0.1 mile north of East Jack Tone Road to 0.1 mile south of north Tully Road intersection; also near Kirkwood, in Alpine County (PM 0.2/2.5). Replace culverts.	05740 2020-21	R/W: \$1,306 Con: \$4,090	PA&ED: \$795 PS&E: \$900 R/W Sup: \$290 Con Sup: \$875	Prior Prior Prior 20-21	PA&ED: 12/14/2018 R/W Cert: 12/24/2020 RTL: 1/9/2021 Begin Con: 7/21/2021
			Subtotal: \$5,396	\$2,860		
			Total Project Cost:	\$8,256		
			Program	201.151 Drainage System Restoration		
			Project Output(s)	32 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	282.0	147.0	1,604.0	2,033.0	Linear feet
Post Condition	2,342.0	0.0	0.0	2,342.0	Linear feet

**2020 SHOPP Project List
San Joaquin**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-99 19.7/33.6 3229 1017000022	In and near Stockton and Lodi, at various locations from Eastside Underpass to Acampo Road; also on Route 4 at the Route 4/5 Separation (PM R16.10) and on Route 120 in Lathrop at Mossdale Underpass (PM R0.5). Upgrade drainage pump plants.	1E610 2021-22	R/W: \$260 Con: \$5,169	PA&ED: \$439 PS&E: \$1,530 R/W Sup: \$59 Con Sup: \$1,289	Prior Prior Prior 21-22	PA&ED: 11/22/2019 R/W Cert: 2/14/2022 RTL: 3/4/2022 Begin Con: 7/5/2022
Carryover			Subtotal: \$5,429	\$3,317		
			Total Project Cost:	\$8,746		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Supplementary

Asset	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	5.0	5.0	Pump plant(s) (ea)
Post Condition	5.0	0.0	0.0	5.0	Pump plant(s) (ea)

MOBILITY

10-San Joaquin-99 4.6/5.3 3126A 1018000159	In Manteca, from south of Austin Road to south of Route 99/120 Separation. Operational improvements by lengthening and reconstructing overcrossing and railroad overhead, eliminate one interchange, and upgrade safety barriers. Financial Contribution Only (FCO) to San Joaquin Council of Governments (SJCOG) for construction implementation.	1E74U 2021-22	R/W: \$28,736 Con: \$28,736	PA&ED: \$263 PS&E: \$20 R/W Sup: Con Sup:	20-21 20-21	PA&ED: 6/1/2021 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 2/23/2022
New			Subtotal: \$28,736	\$283		
			Total Project Cost:	\$29,019		

Program 201.310 Operational Improvements
Project Output(s) 2,385.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-4 R16.0/R19.4 3274 1016000077 Carryover	In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, Closed Circuit Television (CCTV), and synchronize intersection signals with ramp metering.	1F180 2022-23	R/W: \$1,332 Con: \$39,097	PA&ED: \$2,177 PS&E: \$6,057 R/W Sup: \$695 Con Sup: \$9,438	Prior 20-21 20-21 22-23	PA&ED: 3/2/2020 R/W Cert: 11/17/2022 RTL: 1/5/2023 Begin Con: 8/17/2023
			Subtotal: \$40,429	\$18,367		
			Total Project Cost:	\$58,796		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 14 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	14	Field element(s)

10-San Joaquin-5 R12.1/33.0 3422 1018000007 New	In San Joaquin and Sacramento Counties, on Routes 5, 4, 12, 26, 33, 88, 120, and 205 at various locations. Upgrade Transportation Management System (TMS) elements.	1F960 2023-24	R/W: \$25 Con: \$9,090	PA&ED: \$962 PS&E: \$1,436 R/W Sup: \$158 Con Sup: \$1,559	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 2/20/2024 RTL: 4/3/2024 Begin Con: 11/15/2024
			Subtotal: \$9,115	\$4,115		
			Total Project Cost:	\$13,230		

Program 201.315 Transportation Management Systems
Project Output(s) 43 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	36	Field element(s)
Post Condition	100.0%	0.0%	43	Field element(s)

2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-5 R21.4/27.9 3250 1016000053	In and near Stockton, on Route 5 at various locations; also on Route 4 (PM 14.6/26.0) and Route 99 (PM 15.8/18.5) at various locations. Install Transportation Management System (TMS) elements.	1F400 2021-22	R/W: \$335 * Con: \$10,373	PA&ED: \$820 PS&E: \$2,550 R/W Sup: \$380 * Con Sup: \$1,805	Prior Prior Prior 21-22	PA&ED: 9/13/2018 R/W Cert: 11/23/2021 RTL: 12/22/2021 Begin Con: 7/14/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$10,708	\$5,555		
			Total Project Cost:	\$16,263		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.315 Transportation Management Systems
Project Output(s) 22 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	12	Field element(s)
Post Condition	100.0%	0.0%	22	Field element(s)

10-San Joaquin-120 3226 1017000074	In San Joaquin, Amador, Calaveras, Merced, Mariposa, Stanislaus, and Tuolumne Counties, on Routes 4, 5, 26, 33, 49, 59, 99, 104, 108, 120, 132, 140, 152 and 205 at various locations.	1G990 2020-21	R/W: \$33 Con: \$3,100	PA&ED: \$632 PS&E: \$1,191 R/W Sup: \$107 Con Sup: \$1,243	Prior Prior Prior 20-21	PA&ED: 5/22/2019 R/W Cert: 11/5/2020 RTL: 1/5/2021 Begin Con: 7/6/2021
<i>Carryover</i>	Repair or replace damaged and nonfunctioning Traffic Management System (TMS) elements.		Subtotal: \$3,133	\$3,173		
			Total Project Cost:	\$6,306		

Program 201.315 Transportation Management Systems
Project Output(s) 20 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	20	Field element(s)
Post Condition	100.0%	0.0%	20	Field element(s)

**2020 SHOPP Project List
San Joaquin**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-120 R0.6/R6.1 3230 1017000021	In and near Manteca and Lathrop, from Route 5 to Route 99; also on Route 5 at PM R13.34 and on Route 99 at PM 4.56. Install fiber optic cable as part of the Transportation Management System (TMS).	1C960 2020-21	R/W: \$97 Con: \$4,500	PA&ED: \$373 PS&E: \$1,221 R/W Sup: \$5 Con Sup: \$1,375	Prior Prior Prior 20-21	PA&ED: 9/21/2018 R/W Cert: 12/3/2020 RTL: 1/29/2021 Begin Con: 9/13/2021
<i>Carryover</i>			Subtotal: \$4,597 Total Project Cost:	\$2,974 \$7,571		

Program 201.315 Transportation Management Systems
Project Output(s) 0 Field element(s)

10-San Joaquin-205 R4.5/R9.0 3146 1014000146	In Tracy, from Byron Road Undercrossing to Paradise Road Overcrossing. Install ramp meters and other Transportation Management System (TMS) elements.	1C330 2021-22	R/W: \$3,260 Con: \$26,632	PA&ED: \$1,057 PS&E: \$3,500 R/W Sup: \$979 Con Sup: \$5,600	Prior Prior Prior 21-22	PA&ED: 9/11/2018 R/W Cert: 4/15/2021 RTL: 7/8/2021 Begin Con: 3/2/2022
<i>Carryover</i>			Subtotal: \$29,892 Total Project Cost:	\$11,136 \$41,028		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	0.0%	0	Field element(s)
Post Condition	100.0%	0.0%	28	Field element(s)

**2020 SHOPP Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

10-San Joaquin-99	In and near Lodi, from north of	1H650	R/W:	PA&ED:	\$442	20-21	PA&ED: 4/15/2021
28.7/31.7	Harney Lane to north of Turner Road.	2022-23	Con: \$3,424	PS&E:	\$815	20-21	R/W Cert: 6/15/2022
3428	Rehabilitate landscaping and			R/W Sup:	\$12	20-21	RTL: 7/15/2022
1018000282	irrigation system.			Con Sup:	\$1,085	22-23	Begin Con: 1/3/2023
			Subtotal: \$3,424		\$2,354		
			Total Project Cost:		\$5,778		

New

Program 201.210 Highway Planting Restoration
Project Output(s) 14.0 Acre(s)

San Joaquin County

R/W:	\$12,665	PA&ED:	\$26,244
Const:	\$324,378	PS&E:	\$53,988
		R/W Sup:	\$5,880
		Con Sup:	\$56,963
Subtotal:	\$337,043		\$143,075
Total (Capital + Support):			\$480,118

2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-San Luis Obispo-41 3.1 2927 0519000001	Near Morro Bay, 3.1 miles north of Route 1. Construct soldier pile wall.	1K720 2021-22	R/W: \$249 Con: \$3,584	PA&ED: \$1,241 PS&E: \$1,544 R/W Sup: \$178 Con Sup: \$1,684	Prior 20-21 20-21 21-22	PA&ED: 5/7/2021 R/W Cert: 6/10/2022 RTL: 6/24/2022 Begin Con: 2/7/2023
<i>Carryover</i>			Subtotal: \$3,833	\$4,647		
			Total Project Cost:	\$8,480		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

05-San Luis Obispo-1 2882 0519000032	In San Luis Obispo and Monterey Counties, on Routes 1, 41, and 227 at various locations. Install both centerline and edge line rumble strips.	1K850 2020-21	R/W: Con: \$2,560	PA&ED: PS&E: \$557 R/W Sup: \$26 Con Sup: \$658	Prior Prior 20-21	PA&ED: 2/3/2020 R/W Cert: 11/20/2020 RTL: 3/2/2021 Begin Con: 7/16/2021
<i>Carryover</i>			Subtotal: \$2,560	\$1,241		
			Total Project Cost:	\$3,801		

Program 201.010 Safety Improvements
Project Output(s) 118 Collision(s) reduced

**2020 SHOPP Project List
San Luis Obispo**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-101 27.9 2740 0517000101	In the city of San Luis Obispo, at Marsh Street. Correct roadway cross slopes and construct drainage improvements	1J440 2020-21	R/W: \$4 Con: \$775	PA&ED: \$333 PS&E: \$715 R/W Sup: \$25 Con Sup: \$309	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 4/30/2020 RTL: 7/8/2020 Begin Con: 11/18/2020
<i>Carryover</i>			Subtotal: \$779	\$1,382		
			Total Project Cost:	\$2,161		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

05-San Luis Obispo-101 38.5/39.4 2765 0518000035	Near Santa Margarita, from north of Route 58 to 2.9 miles south of Santa Barbara Road. Cross slope corrections, Open Graded Asphalt Concrete (OGAC) overlay and replace guardrail.	1J710 2020-21	R/W: \$3 Con: \$3,504	PA&ED: \$968 PS&E: \$27 R/W Sup: \$866 Con Sup: \$866	Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 4/1/2020 RTL: 7/8/2020 Begin Con: 10/5/2020
<i>Carryover</i>			Subtotal: \$3,507	\$1,861		
			Total Project Cost:	\$5,368		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-101 61.9 2766 0518000052	Near Wellsona, at the intersection of Route 101 and Wellsona Road. Improve safety by constructing an undercrossing.	1J780 2021-22	R/W: \$1,271 Con: \$14,019	PA&ED: \$1,373 PS&E: \$3,386 R/W Sup: \$546 Con Sup: \$3,286	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/16/2022 Begin Con: 10/17/2022
<i>Carryover</i>			Subtotal: \$15,290	\$8,591		
			Total Project Cost:	\$23,881		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

BRIDGE PRESERVATION

05-San Luis Obispo-1 0.0/0.3 2650 0516000074	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). The bridge is scour critical and needs to be replaced. The existing bridge will be used for traffic handling during construction and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge will provide standard lane and shoulder widths and include a protected walkway.	1H440 2022-23	R/W: \$530 Con: \$33,880	PA&ED: \$2,294 PS&E: \$4,290 R/W Sup: \$455 Con Sup: \$9,660	Prior 20-21 20-21 22-23	PA&ED: 3/2/2020 R/W Cert: 9/1/2022 RTL: 9/30/2022 Begin Con: 4/5/2023
<i>Carryover</i>			Subtotal: \$34,410	\$16,699		
			Total Project Cost:	\$51,109		

SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset (Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	39,826.0	39,826.0	Square feet
Post Condition	39,826.0	0.0	0.0	39,826.0	Square feet
Bridge Health	Existing Condition		Post Condition		
Bridge No. 49-0042	Fair		Good		

**2020 SHOPP Project List
San Luis Obispo**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-1 32.6 0072C 0519000054	In Morro Bay, at Toro Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L721.	0L724 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 6/26/2018 R/W Cert: 5/14/2020 RTL: 8/6/2023 Begin Con: 12/12/2023
<i>New</i>			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

05-San Luis Obispo-1 34.5 0072D 0519000055	In Morro Bay, at Old Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L722.	0L725 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 5/15/2018 R/W Cert: 2/25/2020 RTL: 8/6/2023 Begin Con: 11/1/2023
<i>New</i>			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

**2020 SHOPP Project List
San Luis Obispo**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-58 3.1 0072E 0519000056	Near Santa Margarita, at Trout Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L723.	0L726 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 10/31/2017 R/W Cert: 12/13/2019 RTL: 7/1/2023 Begin Con: 10/26/2023
<i>New</i>			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

ROADWAY PRESERVATION

05-San Luis Obispo-1 10.0/16.8 2630 0516000009	In and near Pismo Beach, from Gracia Way to North Pismo (Route 101/Route 1) Separation. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G980 2021-22	R/W: \$303 Con: \$8,618	PA&ED: \$1,156 PS&E: \$1,751 R/W Sup: \$1,670 Con Sup: \$1,568	Prior Prior Prior 21-22	PA&ED: 12/3/2018 R/W Cert: 4/6/2022 RTL: 4/6/2022 Begin Con: 8/23/2022
<i>Carryover</i>			Subtotal: \$8,921		\$6,145	
			Total Project Cost:		\$15,066	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 13.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	13.0	0.0	13.8	Lane mile(s)
Post Condition	13.8	0.0	0.0	13.8	Lane mile(s)

**2020 SHOPP Project List
San Luis Obispo**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-46 29.8/32.2 2903 0518000210	In Paso Robles, from Route 101 to east of Airport Road. Rehabilitate pavement, replace sign panels, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1K460 2022-23	R/W: \$28 Con: \$7,550	PA&ED: \$477 PS&E: \$1,424 R/W Sup: \$75 Con Sup: \$1,693	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/30/2022 RTL: 10/21/2022 Begin Con: 5/1/2023
New			Subtotal: \$7,578	\$3,669		
			Total Project Cost:	\$11,247		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.2	0.0	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

05-San Luis Obispo-58 1.8/6.9 2845 0518000095	Near Santa Margarita, from I Street to Route 229. Rehabilitate pavement and drainage, replace sign panels, and install Transportation Management System (TMS) elements.	1J970 2023-24	R/W: \$2,549 Con: \$6,500	PA&ED: \$1,622 PS&E: \$2,253 R/W Sup: \$968 Con Sup: \$2,103	20-21 21-22 21-22 23-24	PA&ED: 4/26/2022 R/W Cert: 1/12/2024 RTL: 5/22/2024 Begin Con: 12/20/2024
New			Subtotal: \$9,049	\$6,946		
			Total Project Cost:	\$15,995		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3.5	8.2	11.7	Lane mile(s)
Post Condition	11.7	0.0	0.0	11.7	Lane mile(s)

2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-101 7.8/16.5 2778 0518000081	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Barros Road to south of Hinds Avenue Overcrossing. Rehabilitate pavement, drainage systems, enhance highway worker safety, designate bikeways with pavement delineation, and install Transportation Management System (TMS) elements. (G13 Contingency)	1J860 2023-24	R/W: \$230 * Con: \$27,382	PA&ED: \$1,610 PS&E: \$3,209 R/W Sup: \$655 * Con Sup: \$5,426	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 6/3/2024 Begin Con: 12/9/2024
New			Subtotal: \$27,612	\$10,900		
			Total Project Cost:	\$38,512		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	34.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	32.5	0.0	34.7	Lane mile(s)
Post Condition	34.7	0.0	0.0	34.7	Lane mile(s)

MOBILITY

05-San Luis Obispo-101 31.5/59.1 4022 0516000007	In San Luis Obispo County, from 0.3 mile north of Reservoir Canyon Road to 0.3 mile north of North Paso Robles Overhead; also on Route 46 from Theater Drive to Union Road (PM R21.7/31.9) at various locations. Install vehicle detection systems, Changeable Message Signs (CMS), cameras, and loop detectors.	0N220 2020-21	R/W: \$5 Con: \$3,621	PA&ED: \$380 PS&E: \$1,095 R/W Sup: \$78 Con Sup: \$702	Prior Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 8/3/2020 RTL: 12/1/2020 Begin Con: 8/2/2021
Carryover			Subtotal: \$3,626	\$2,255		
			Total Project Cost:	\$5,881		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	62 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	21	Field element(s)
Post Condition	100.0%	0.0%	62	Field element(s)

2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

05-San Luis Obispo-1 R66.9/R67.2 4928Y 0517000046 Carryover	Near San Simeon, from the Arroyo de la Cruz Bridge to 0.3 mile north of the Arroyo de la Cruz Bridge. Planting, wetland and California Red-legged Frog mitigation.	49285 2021-22	R/W: \$68 Con: \$8,478	PA&ED: PS&E: \$1,057 R/W Sup: \$56 Con Sup: \$2,817	20-21 Prior 21-22	PA&ED: 8/11/2020 R/W Cert: 6/25/2021 RTL: 7/27/2021 Begin Con: 4/1/2022
			Subtotal: \$8,546	\$3,930		
			Total Project Cost:	\$12,476		

Program 201.150 Roadway Protective Betterments
Project Output(s) 0 Location(s)

FACILITIES

05-San Luis Obispo- 2920 0518000234 New	In the city of San Luis Obispo, at 4485 Vachell Lane. Construct new Maintenance station and material and testing laboratory for construction office. (G13 Contingency)	1K680 2023-24	R/W: \$155 * Con: \$52,714	PA&ED: \$4,401 PS&E: \$10,796 R/W Sup: \$233 * Con Sup: \$6,696	20-21 22-23 22-23 23-24	PA&ED: 9/7/2022 R/W Cert: 2/1/2024 RTL: 5/13/2024 Begin Con: 11/7/2024
			Subtotal: \$52,869	\$22,126		
			Total Project Cost:	\$74,995		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.352 Maintenance Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70,882.0	70,882.0	Square feet
Post Condition	103,005.0	0.0	0.0	103,005.0	Square feet

2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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San Luis Obispo County

			R/W: \$5,395	PA&ED: \$14,887		
			Const: \$173,185	PS&E: \$33,045		
				R/W Sup: \$4,992		
				Con Sup: \$37,552		
			Subtotal: \$178,580	\$90,476		
			Total (Capital + Support):	\$269,056		

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-San Mateo-1 1.1 1450H 0416000105	Near Half Moon Bay, at 1.1 miles north of Santa Cruz County line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	0K570 2021-22	R/W: \$2 Con: \$990	PA&ED: \$300 PS&E: \$400 R/W Sup: \$70 Con Sup: \$500	Prior Prior Prior 21-22	PA&ED: 10/30/2020 R/W Cert: 4/1/2021 RTL: 7/1/2021 Begin Con: 1/30/2022
<i>Carryover</i>			Subtotal: \$992	\$1,270		
			Total Project Cost:	\$2,262		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-San Mateo-1 36.2 2028H 0418000134	Near Montara, at south of 9th Street. Repair damaged storm drain and restore eroded embankment.	0Q670 2022-23	R/W: \$35 Con: \$1,400	PA&ED: \$418 PS&E: \$388 R/W Sup: \$27 Con Sup: \$373	Prior 21-22 21-22 22-23	PA&ED: 7/2/2021 R/W Cert: 9/1/2022 RTL: 10/7/2022 Begin Con: 4/10/2023
<i>Carryover</i>			Subtotal: \$1,435	\$1,206		
			Total Project Cost:	\$2,641		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
San Mateo**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 19.8 1450J 0416000124	In South San Francisco, at 0.1 mile north of Francisco Drive. Permanent embankment restoration by installing retaining wall and drainage improvements.	0K670 2020-21	R/W: \$27 Con: \$2,979	PA&ED: \$500 PS&E: \$710 R/W Sup: \$60 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 9/30/2019 R/W Cert: 12/16/2020 RTL: 12/31/2020 Begin Con: 8/3/2021
<i>Carryover</i>			Subtotal: \$3,006	\$2,070		
			Total Project Cost:	\$5,076		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-San Mateo-84 5.2 1455B 0416000472	Near La Honda, at 1.2 miles north of Madera Lane (north). Repair slope washout and place Rock Slope Protection (RSP) on existing embankment to prevent further erosion.	2K610 2021-22	R/W: \$147 Con: \$895	PA&ED: \$936 PS&E: \$390 R/W Sup: \$10 Con Sup: \$250	Prior 20-21 20-21 21-22	PA&ED: 10/5/2020 R/W Cert: 3/7/2022 RTL: 5/2/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$1,042	\$1,586		
			Total Project Cost:	\$2,628		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-84 6.0 1455C 0416000480	Near La Honda, west of Peek-A-Boo Lane. Construct soldier pile wall, reconstruct damaged pavement, and upgrade guardrail.	2K640 2022-23	R/W: \$371 Con: \$3,202	PA&ED: \$1,056 PS&E: \$635 R/W Sup: \$40 Con Sup: \$484	Prior 20-21 20-21 22-23	PA&ED: 10/5/2020 R/W Cert: 10/3/2022 RTL: 11/14/2022 Begin Con: 6/5/2023
<i>Carryover</i>			Subtotal: \$3,573	\$2,215		
			Total Project Cost:	\$5,788		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-San Mateo-84 7.8 2032A 0418000107	Near La Honda, at 0.5 mile west of Pescadero Creek Road. Repair slope washout by constructing a retaining wall.	0Q480 2022-23	R/W: \$146 Con: \$4,061	PA&ED: \$924 PS&E: \$809 R/W Sup: \$33 Con Sup: \$522	Prior 21-22 22-23 22-23	PA&ED: 10/4/2021 R/W Cert: 4/4/2022 RTL: 8/4/2022 Begin Con: 3/6/2023
<i>Carryover</i>			Subtotal: \$4,207	\$2,288		
			Total Project Cost:	\$6,495		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-San Mateo-1 36.5/38.3 2021A 0418000123	Near Montara, from 0.1 mile south of 2nd Street to 0.3 mile south of Tom Lantos Tunnel. Install new standard safety barrier.	0Q610 2023-24	R/W: \$158 Con: \$6,949	PA&ED: \$2,148 PS&E: \$2,672 R/W Sup: \$59 Con Sup: \$1,637	Prior 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 6/1/2023 RTL: 7/6/2023 Begin Con: 12/1/2023
<i>Carryover</i>				Subtotal: \$7,107	\$6,516	
				Total Project Cost:	\$13,623	

Program 201.010 Safety Improvements
Project Output(s) 13 Collision(s) reduced

04-San Mateo-35 26.2/27.9 2031E 0418000038	In Pacifica and South San Francisco, at the intersections of Route 35 and Sharp Park Road, and Route 35 and Hickey Road. Upgrade and reposition traffic signals, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0Q040 2022-23	R/W: \$423 Con: \$2,694	PA&ED: \$582 PS&E: \$780 R/W Sup: \$312 Con Sup: \$1,060	Prior 21-22 20-21 22-23	PA&ED: 9/1/2021 R/W Cert: 3/1/2023 RTL: 3/1/2023 Begin Con: 10/1/2023
<i>Carryover</i>				Subtotal: \$3,117	\$2,734	
				Total Project Cost:	\$5,851	

Program 201.010 Safety Improvements
Project Output(s) 21 Collision(s) reduced

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-Var 1491J 0416000033 Carryover	In and near various cities, on Routes 1, 35, 82, 84, 92, 101, 109, 114, 280, and 380 at various locations. Enhance pedestrian safety by upgrading signals with Accessible Pedestrian Signals (APS) audible indicators, pushbuttons, and countdown timers, and upgrading crosswalk markings.	0K070 2021-22	R/W: \$57 Con: \$5,832	PA&ED: \$1,250 PS&E: \$1,250 R/W Sup: \$175 Con Sup: \$1,250	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 6/1/2022
			Subtotal: \$5,889	\$3,925		
			Total Project Cost:	\$9,814		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

04-San Mateo-92 2022N 0418000215 New	In San Mateo County, on Routes 92, 101, 280, and 380 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems, upgrading crosswalk markings and ramp metering systems, and upgrading facilities to Americans with Disabilities Act (ADA) standards.	1Q200 2023-24	R/W: \$126 Con: \$13,681	PA&ED: \$1,919 PS&E: \$2,054 R/W Sup: \$62 Con Sup: \$2,492	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
			Subtotal: \$13,807	\$6,527		
			Total Project Cost:	\$20,334		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-San Mateo-1 44.0/48.0 2021C 0418000096 New	In Pacifica and Daly City, from San Jose Avenue Pedestrian Overcrossing to Route 280 at various locations; also on Route 280, from Route 1 to John Daly Boulevard Overcrossing (PM R25.3/M27.1R). Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q440	R/W: \$65	PA&ED: \$1,101	20-21	PA&ED: 7/1/2021
		2022-23	Con: \$3,363	PS&E: \$1,493	21-22	R/W Cert: 12/1/2022
				R/W Sup: \$48	21-22	RTL: 1/1/2023
				Con Sup: \$1,505	22-23	Begin Con: 7/1/2023
				Subtotal: \$3,428	\$4,147	
		Total Project Cost:	\$7,575			
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 49.3 Acre(s) treated/pollutant		

04-San Mateo-82 12.9/15.9 0730D 0400020619 Carryover	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	1G900	R/W: \$844	PA&ED: \$3,320	Prior	PA&ED: 6/1/2021
		2023-24	Con: \$9,120	PS&E: \$1,200	20-21	R/W Cert: 9/1/2023
				R/W Sup: \$700	20-21	RTL: 10/1/2023
				Con Sup: \$1,000	23-24	Begin Con: 4/1/2024
				Subtotal: \$9,964	\$6,220	
		Total Project Cost:	\$16,184			
				Program 201.378 Infrastructure		
				Project Output(s) 82 Curb ramp(s)		

Supplementary

Asset	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	82.0	82.0	Each
Post Condition	82.0	0.0	0.0	82.0	Each

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-San Mateo-1 14.0 1494G 0416000029	Near Pescadero, at Pescadero Creek Bridge No. 35-0028. Upgrade bridge rails and repair approach slabs.	4J870 2021-22	R/W: \$260 Con: \$4,434	PA&ED: \$1,200 PS&E: \$1,000 R/W Sup: \$8 Con Sup: \$1,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 12/15/2022
<i>Carryover</i>			Subtotal: \$4,694	\$3,408		
			Total Project Cost:	\$8,102		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	840.0	420.0	0.0	1,260.0	Square feet
Post Condition	1,260.0	0.0	0.0	1,260.0	Square feet
<u>Bridge Health</u>	<u>Existing Condition</u>		<u>Post Condition</u>		
Bridge No. 35-0028	Good		Good		

04-San Mateo-101 7.1 1483C 0415000004	In Redwood City, at Cordilleras Creek Bridge No. 35-0019. Replace bridge to restore structural integrity.	2J730 2021-22	R/W: \$4,285 * Con: \$26,570	PA&ED: \$4,500 PS&E: \$4,500 R/W Sup: \$1,125 * Con Sup: \$7,500	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 9/1/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$30,855	\$17,625		
			Total Project Cost:	\$48,480		

* Construction Capital and * Construction Support phases are NOT
authorized
SBI Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,942.0	5,942.0	Square feet
Post Condition	7,072.0	0.0	0.0	7,072.0	Square feet
<u>Bridge Health</u>	<u>Existing Condition</u>		<u>Post Condition</u>		
Bridge No. 35-0019	Poor		Good		

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 9.4 2024C 0418000291 New	In the city of San Mateo, at Hillsdale Boulevard Overcrossing No. 35-0198 (PM 9.345). Upgrade bridge rails and signals and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q530 2023-24	R/W: \$76 Con: \$1,821	PA&ED: \$657 PS&E: \$1,303 R/W Sup: \$69 Con Sup: \$746	20-21 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 7/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
			Subtotal: \$1,897	\$2,775		
			Total Project Cost:	\$4,672		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 252.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Linear feet rail
Post Condition	252.0	0.0	0.0	252.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 35-0198	Good	Good

04-San Mateo-101 0.1/23.4 1485K 0415000010 Carryover	In East Palo Alto, Redwood City, Belmont, Burlingame, Millbrae, South San Francisco, and Brisbane, from University Avenue Overcrossing to Sierra Point offramp separation. Upgrade bridge rails at eight structures.	2J740 2021-22	R/W: \$64 Con: \$7,748	PA&ED: \$1,326 PS&E: \$1,586 R/W Sup: \$130 Con Sup: \$1,456	Prior Prior Prior 21-22	PA&ED: 8/1/2020 R/W Cert: 12/1/2021 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$7,812	\$4,498		
			Total Project Cost:	\$12,310		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,706.0 Linear feet rail
8 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,706.0	3,706.0	Linear feet rail
Post Condition	3,706.0	0.0	0.0	3,706.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 35-0017	Fair	Fair
Bridge No. 35-0018	Good	Good
Bridge No. 35-0081G	Good	Good
Bridge No. 35-0087	Good	Good
Bridge No. 35-0113	Fair	Fair
Bridge No. 35-0126	Fair	Fair
Bridge No. 35-0131S	Good	Good
Bridge No. 35-0155	Fair	Fair

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-280 R0.0/R21.0 1498G 0416000028	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road Undercrossing No. 35 -0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (South) No. 35 -0007 (PM R1.56), Sand Hill Road OC (North) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35-0217 (PM R20.97). Structure seismic retrofit.	4J850 2021-22	R/W: \$262 Con: \$14,361	PA&ED: \$600 PS&E: \$2,217 R/W Sup: \$100 Con Sup: \$2,584	Prior 20-21 20-21 21-22	PA&ED: 3/18/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$14,623 Total Project Cost:	\$5,501 \$20,124		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 5 Bridge(s)

Primary Asset

(Seismic)

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	141,857.0	141,857.0	Square feet
Post Condition	141,857.0	0.0	0.0	141,857.0	Square feet

Bridge Health

Existing Condition Post Condition

	Existing Condition	Post Condition
Bridge No. 35-0007	Fair	Fair
Bridge No. 35-0008	Poor	Poor
Bridge No. 35-0009L	Fair	Fair
Bridge No. 35-0009R	Fair	Fair
Bridge No. 35-0217	Fair	Fair

04-San Mateo-1 28.9 1483M 0415000014	In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour critical bridges to preserve the structural integrity of the bridges by reinforcing with Rock Slope Protection (RSP).	2J790 2021-22	R/W: \$343 Con: \$1,936	PA&ED: \$1,250 PS&E: \$1,040 R/W Sup: \$260 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 3/31/2022 RTL: 4/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$2,279 Total Project Cost:	\$3,850 \$6,129		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	16,608.0	0.0	16,608.0	Square feet
Post Condition	16,652.0	0.0	0.0	16,652.0	Square feet

Bridge Health

Existing Condition Post Condition

	Existing Condition	Post Condition
Bridge No. 35-0139L	Good	Good
Bridge No. 35-0139R	Good	Good
Bridge No. 35-0166	Good	Good

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-San Mateo-82 12.3/15.8 1496J 0416000142	In the cities of San Mateo and Burlingame, from East Santa Inez Avenue to Murchison Drive. Rehabilitate roadway, improve drainage, and upgrade existing curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	0K810 2023-24	R/W: \$2,215 Con: \$86,061	PA&ED: \$8,181 PS&E: \$8,181 R/W Sup: \$4,091 Con Sup: \$12,270	Prior 21-22 21-22 23-24	PA&ED: 6/1/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
<i>Carryover</i>			Subtotal: \$88,276	\$32,723		
			Total Project Cost:	\$120,999		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	15.2	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-San Mateo-84 21.5/25.7 1497A 0416000138	In and near Woodside and Redwood City, from Route 280 to Route 101. Rehabilitate pavement, make curb ramps and sidewalks Americans with Disabilities Act (ADA) compliant, and upgrade guardrails to make standard.	0K780 2021-22	R/W: \$566 Con: \$18,225	PA&ED: \$2,340 PS&E: \$2,860 R/W Sup: \$39 Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 6/1/2021 RTL: 8/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$18,791	\$8,359		
			Total Project Cost:	\$27,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.5	0.0	16.5	Lane mile(s)
Post Condition	16.5	0.0	0.0	16.5	Lane mile(s)

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 0.0/21.8 2024D 0418000301	In various cities, from Santa Clara County line to north of South Airport Boulevard. Rehabilitate pavement, upgrade signs, guardrail, and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q580 2022-23	R/W: \$102 * Con: \$181,053	PA&ED: \$6,030 PS&E: \$16,105 R/W Sup: \$69 * Con Sup: \$12,815	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 3/1/2023 Begin Con: 7/1/2023
New			Subtotal: \$181,155	\$35,019		
			Total Project Cost:	\$216,174		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	151.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.7	120.4	0.3	151.4	Lane mile(s)
Post Condition	151.4	0.0	0.0	151.4	Lane mile(s)

04-San Mateo-1 27.5/34.8 2022C 0418000053	In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and make bicycle improvements. (G13 Contingency)	0Q130 2023-24	R/W: \$282 * Con: \$33,836	PA&ED: \$2,640 PS&E: \$4,055 R/W Sup: \$147 * Con Sup: \$5,011	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 4/1/2024 RTL: 4/30/2024 Begin Con: 10/1/2024
New			Subtotal: \$34,118	\$11,853		
			Total Project Cost:	\$45,971		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	16.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.7	16.7	Lane mile(s)
Post Condition	16.7	0.0	0.0	16.7	Lane mile(s)

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-280 6.7/10.5 0732J 0412000161	Near Redwood City, San Carlos and Belmont, from Edgewood Road to Route 92 and near Hillsborough at PM R12.7; also in Santa Clara County in and near Mountain View and Palo Alto, at various spot locations (PM 11.6, 12.8, 12.9, 18.8). Replace failing culverts and restore damaged slopes, pavement, and bridge approaches at six locations.	2A970 2021-22	R/W: \$13 * Con: \$16,404	PA&ED: \$1,800 PS&E: \$2,000 R/W Sup: \$260 * Con Sup: \$3,000	Prior Prior Prior 21-22	PA&ED: 2/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
Carryover	(G13 Contingency)		Subtotal: \$16,417	\$7,060		
			Total Project Cost:	\$23,477		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.151 Drainage System Restoration		
			Project Output(s)	28 Culvert(s) (ea)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1,290.0	3,762.0	2,247.0	7,299.0	Linear feet
Post Condition	7,299.0	0.0	0.0	7,299.0	Linear feet

MOBILITY

04-San Mateo-1 26.4/R47.3 1452A 0417000040	In and near the cities of Half Moon Bay, Pacifica and Daly City, from south of Miramontes Point Road to Clarinada Avenue Undercrossing, at various locations. Install Bluetooth Detection Systems and Variable Message Signs (VMS), enable two existing Changeable Message Signs (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVPs) to improve the system performance.	2K880 2021-22	R/W: \$36 Con: \$2,408	PA&ED: \$430 PS&E: \$444 R/W Sup: \$30 Con Sup: \$444	Prior Prior 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 8/1/2021 RTL: 9/1/2021 Begin Con: 1/15/2022
Carryover			Subtotal: \$2,444	\$1,348		
			Total Project Cost:	\$3,792		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	13 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0%	0.0%	2	Field element(s)
Post Condition	100.0%	0.0%	13	Field element(s)

**2020 SHOPP Project List
San Mateo
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 2020G 0418000041 New	In Alameda, Contra Costa, Santa Clara, Sam Mateo, and Solano Counties, on various routes at various locations. Modify and enhance ramp metering systems to improve Transportation Management System (TMS) performance and install guardrail at ramps to enhance highway worker safety.	0Q070 2022-23	R/W: \$31 Con: \$10,400	PA&ED: \$1,179 PS&E: \$1,230 R/W Sup: \$40 Con Sup: \$2,806	20-21 21-22 21-22 22-23	PA&ED: 12/30/2021 R/W Cert: 5/15/2023 RTL: 5/30/2023 Begin Con: 12/6/2023
			Subtotal: \$10,431	\$5,255		
			Total Project Cost:	\$15,686		

Program 201.315 Transportation Management Systems
Project Output(s) 44 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	91.0%	9.0%	44	Field element(s)
Post Condition	100.0%	0.0%	44	Field element(s)

San Mateo County

R/W:	\$10,936	PA&ED:	\$46,587
Const:	\$460,423	PS&E:	\$59,302
		R/W Sup:	\$7,964
		Con Sup:	\$66,125
Subtotal:		\$471,359	\$179,978
Total (Capital + Support):			\$651,337

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

05-Santa Barbara-135 10.6/17.6 2703 0517000039	In Santa Maria, at various locations from Union Valley Parkway to Preisker Lane. Improve safety by modifying signals at intersections and constructing curb ramps.	1H960 2021-22	R/W: \$540 Con: \$11,111	PA&ED: PS&E: \$2,234 R/W Sup: \$2,646 Con Sup: \$2,604	Prior Prior 21-22	PA&ED: 6/25/2018 R/W Cert: 4/13/2021 RTL: 8/31/2021 Begin Con: 4/14/2022
<i>Carryover</i>			Subtotal: \$11,651	\$7,484		
			Total Project Cost:	\$19,135		

Program 201.010 Safety Improvements
Project Output(s) 660 Collision(s) reduced

05-Santa Barbara-135 17.3/17.6 2745 0517000184	In Santa Maria, from Roemer Way to Preisker Lane; also at Bunny Avenue (PM 16.5). Improve safety by constructing signal systems, sidewalk, and highway lighting.	1J470 2020-21	R/W: \$122 Con: \$1,696	PA&ED: PS&E: \$860 R/W Sup: \$534 Con Sup: \$570	Prior Prior 20-21	PA&ED: 6/8/2018 R/W Cert: 12/16/2020 RTL: 12/17/2020 Begin Con: 8/3/2021
<i>Carryover</i>			Subtotal: \$1,818	\$1,964		
			Total Project Cost:	\$3,782		

Program 201.010 Safety Improvements
Project Output(s) 5 Collision(s) reduced

**2020 SHOPP Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-154 24.0/29.2 3011 0519000130 Carryover	Near the city of Santa Barbara, from east of East Camino Cielo to east of San Antonio Creek Road at various locations. Place High Friction Surface Treatment (HFST) and construct centerline rumble strip.	1M370 2021-22	R/W: Con: \$4,243	PA&ED: PS&E: \$680 R/W Sup: \$42 Con Sup: \$496	Prior Prior 21-22	PA&ED: 3/10/2020 R/W Cert: 9/23/2021 RTL: 12/20/2021 Begin Con: 7/11/2022
			Subtotal: \$4,243	\$1,218		
			Total Project Cost:	\$5,461		

Program 201.010 Safety Improvements
Project Output(s) 151 Collision(s) reduced

05-Santa Barbara-166 8.1 2870 0518000122 Carryover	In Santa Maria, at Miller Street. Modify traffic signal.	1K100 2020-21	R/W: \$20 Con: \$594	PA&ED: PS&E: \$595 R/W Sup: \$208 Con Sup: \$341	Prior Prior 20-21	PA&ED: 10/12/2018 R/W Cert: 7/3/2020 RTL: 11/20/2020 Begin Con: 7/8/2021
			Subtotal: \$614	\$1,144		
			Total Project Cost:	\$1,758		

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-Var 2628 0516000006 Carryover	In Santa Barbara and San Luis Obispo Counties, on Routes 101, 135, and 246 at various locations. Install Accessible Pedestrian Signals (APS) push buttons, Countdown Pedestrian Signals (CPS) heads, pedestrian barricades, and crosswalk signage to improve pedestrian and bicycle safety.	1G960 2020-21	R/W: \$16 Con: \$1,928	PA&ED: \$879 PS&E: \$940 R/W Sup: \$71 Con Sup: \$746	Prior Prior Prior 20-21	PA&ED: 6/24/2019 R/W Cert: 4/9/2021 RTL: 4/20/2021 Begin Con: 12/6/2021
			Subtotal: \$1,944	\$2,636		
			Total Project Cost:	\$4,580		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

05-Santa Barbara-1 R35.0/49.2 2667 0516000097 Carryover	Near Santa Maria, from 0.2 mile north of Route 135 Junction to Route 166 Junction. Widen shoulders, install rumble strips, upgrade guardrails and relocate objects from within the clear recovery zone.	1H610 2023-24	R/W: \$4,053 Con: \$15,401	PA&ED: \$1,736 PS&E: \$1,942 R/W Sup: \$1,237 Con Sup: \$4,379	Prior 20-21 20-21 23-24	PA&ED: 4/13/2021 R/W Cert: 7/14/2023 RTL: 7/14/2023 Begin Con: 2/22/2024
			Subtotal: \$19,454	\$9,294		
			Total Project Cost:	\$28,748		

Program 201.015 Collision Severity Reduction
Project Output(s) 26 Collision(s) reduced

**2020 SHOPP Project List
Santa Barbara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 9.2/11.9 2426D 0519000053 New	In and near the city of Santa Barbara, from 0.2 mile north of Sheffield Drive Undercrossing to 0.4 mile south of Sycamore Creek Bridge. Upgrade median barrier, enhance highway worker safety, rehabilitate drainage systems and pavement, and install Transportation Management System (TMS) elements. (Local contribution for PA&ED, PS&E and R/W Sup as part of STIP project EA 0N70B.).	1C824 2022-23	R/W: Con: \$25,000	PA&ED: PS&E: R/W Sup: Con Sup: \$5,000	22-23	PA&ED: 11/4/2021 R/W Cert: 4/1/2022 RTL: 11/18/2022 Begin Con: 6/7/2023
			Subtotal: \$25,000	\$5,000		
			Total Project Cost:	\$30,000		
			Program	201.015 Collision Severity Reduction		
			Project Output(s)	33 Collision(s) reduced		

05-Santa Barbara-101 68.7/91.0 2699 0517000001 Carryover	In Santa Barbara and San Luis Obispo (PM 0.0/8.4) Counties, from Alisos Canyon Road to Los Berros Road at various locations. Roadside safety improvements.	1H850 2020-21	R/W: \$25 Con: \$4,703	PA&ED: \$714 PS&E: \$1,123 R/W Sup: \$35 Con Sup: \$1,003	Prior Prior Prior 20-21	PA&ED: 11/12/2019 R/W Cert: 11/2/2020 RTL: 3/9/2021 Begin Con: 10/18/2021
			Subtotal: \$4,728	\$2,875		
			Total Project Cost:	\$7,603		
			Program	201.235 Maintenance Access		
			Project Output(s)	132 Location(s)		

**2020 SHOPP Project List
Santa Barbara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

05-Santa Barbara-1 49.2/50.4 2466 0513000026	In Guadalupe, from Route 166 (West Main Street) to 0.1 mile south of Santa Maria River Bridge; also on Route 166, from Route 1 to Obispo Street (PM 0.0/0.2). Upgrade curb ramps and other facilities to Americans with Disabilities Act (ADA) standards.	1E030	R/W: \$1,189	PA&ED: \$1,229	20-21	PA&ED: 8/13/2021
		2023-24	Con: \$2,438	PS&E: \$2,030	21-22	R/W Cert: 3/6/2024
				R/W Sup: \$2,963	21-22	RTL: 5/6/2024
				Con Sup: \$1,221	23-24	Begin Con: 9/27/2024
			Subtotal: \$3,627	\$7,443		
			Total Project Cost:	\$11,070		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

05-Santa Barbara-101 11.0 2468 0513000027	In the city of Santa Barbara, at Butterfly Lane Pedestrian Undercrossing. Construct pedestrian ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	1E040	R/W: \$970	PA&ED: \$70	Prior	PA&ED: 11/1/2016
		2020-21	Con: \$3,704	PS&E: \$1,875	Prior	R/W Cert: 9/1/2020
				R/W Sup: \$303	Prior	RTL: 10/1/2020
				Con Sup: \$1,136	20-21	Begin Con: 5/12/2021
			Subtotal: \$4,674	\$3,384		
			Total Project Cost:	\$8,058		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 2 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

**2020 SHOPP Project List
Santa Barbara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

05-Santa Barbara-101 21.4/21.9 2649 0516000073	In Goleta, from Route 127 to 0.3 mile north of San Jose Creek Bridge No. 51 -0163L/R. Replace bridges.	1H430 2021-22	R/W:	\$144	PA&ED:	\$1,400	Prior	PA&ED:	4/15/2020
			* Con:	\$9,240	PS&E:	\$2,730	Prior	R/W Cert:	6/28/2021
					R/W Sup:	\$70	Prior	RTL:	9/28/2021
			* Con Sup:	\$3,480	21-22		Begin Con:	6/10/2022	

Subtotal: \$9,384 \$7,680
Total Project Cost: \$17,064

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11,055.0	11,055.0	Square feet
Post Condition	11,055.0	0.0	0.0	11,055.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0163L	Poor	Good
Bridge No. 51-0163R	Poor	Good

05-Santa Barbara-101 R36.0/R37.0 2448 0513000018	Near Goleta, from 0.6 mile south and 0.4 mile north of Refugio Road Undercrossing No. 51-0215L/R and Canada del Refugio No. 51-0030S.	1C950 2022-23	R/W:	\$622	PA&ED:	\$2,200	Prior	PA&ED:	12/1/2020
			Con:	\$34,640	PS&E:	\$6,260	20-21	R/W Cert:	12/15/2022
					R/W Sup:	\$320	20-21	RTL:	3/15/2023
			Con Sup:	\$4,900	22-23		Begin Con:	11/1/2023	

Subtotal: \$35,262 \$13,680
Total Project Cost: \$48,942

(Long Lead Project)

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,573.0	35,608.0	38,181.0	Square feet
Post Condition	35,608.0	2,573.0	0.0	38,181.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0030S	Fair	Fair
Bridge No. 51-0215L	Poor	Good
Bridge No. 51-0215R	Poor	Good

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-154 R2.6 2391 0512000139	Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Replace bridge.	1C410 2021-22	R/W: \$200 Con: \$3,460	PA&ED: \$1,125 PS&E: \$2,050 R/W Sup: \$50 Con Sup: \$1,450	Prior Prior Prior 21-22	PA&ED: 1/15/2020 R/W Cert: 9/15/2021 RTL: 1/15/2022 Begin Con: 9/1/2022
			Subtotal: \$3,660	\$4,675		
Carryover			Total Project Cost:	\$8,335		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,573.0	0.0	2,573.0	Square feet
Post Condition	2,573.0	0.0	0.0	2,573.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0076Y	Fair	Good

05-Santa Barbara-154 22.9/23.2 2392 0512000141	Near Lake Cachuma, at Cold Spring Canyon Bridge No. 51-0037. Install inspection access system below bridge and paint structure.	1C420 2020-21	R/W: \$50 Con: \$17,000	PA&ED: \$1,100 PS&E: \$1,500 R/W Sup: \$75 Con Sup: \$3,880	Prior Prior Prior 20-21	PA&ED: 11/9/2018 R/W Cert: 2/15/2020 RTL: 8/1/2020 Begin Con: 2/1/2021
			Subtotal: \$17,050	\$6,555		
Carryover			Total Project Cost:	\$23,605		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	41,549.0	0.0	41,549.0	Square feet
Post Condition	41,549.0	0.0	0.0	41,549.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0037	Fair	Good

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-154 R31.8/R32.1 2651 0516000075	In and near the city of Santa Barbara, from La Colina Road Undercrossing (UC) No. 51-0256 (PM R31.82) to Primavera Road UC No. 51-0257 (PM R32.07). Upgrade bridge railing and reconstruct abutment for bridge rehabilitation.	1H450 2021-22	R/W: \$3 Con: \$8,839	PA&ED: \$928 PS&E: \$2,135 R/W Sup: \$52 Con Sup: \$1,956	Prior Prior Prior 21-22	PA&ED: 4/29/2019 R/W Cert: 4/16/2021 RTL: 7/1/2021 Begin Con: 2/28/2022
Carryover			Subtotal: \$8,842	\$5,071		
			Total Project Cost:	\$13,913		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	10,807.0	10,807.0	Square feet
Post Condition	10,807.0	0.0	0.0	10,807.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0256	Poor	Good
Bridge No. 51-0257	Poor	Good

05-Santa Barbara-217 0.9/1.4 2386 0512000134	Near Goleta, from 0.1 mile south to 0.4 mile north of San Jose Creek Bridge No. 51-0217. Replace bridge. (G13 Contingency)	1C360 2021-22	R/W: \$599 * Con: \$27,435	PA&ED: \$3,887 PS&E: \$3,459 R/W Sup: \$156 * Con Sup: \$6,782	Prior Prior Prior 21-22	PA&ED: 10/30/2019 R/W Cert: 8/18/2021 RTL: 10/19/2021 Begin Con: 4/8/2022
Carryover			Subtotal: \$28,034	\$14,284		
			Total Project Cost:	\$42,318		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18,105.0	18,105.0	Square feet
Post Condition	22,434.0	0.0	0.0	22,434.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0217	Poor	Good

**2020 SHOPP Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-1 15.6 1501Y 0518000097	Near Lompoc, at the Salsipuedes Creek Bridge No. 51-0095. Biological monitoring mitigation for project EA 0A050.	0A051 2020-21	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 20-21	PA&ED: 11/2/2015 R/W Cert: 12/13/2017 RTL: 5/3/2021 Begin Con: 8/1/2021
<i>Carryover</i>				Subtotal:	\$100	
				Total Project Cost:	\$100	

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

05-Santa Barbara-1 M33.1 2563 0514000063	Near Lompoc, at San Antonio Creek Bridge No. 51-0237L/R. Bridge scour mitigation.	1F810 2021-22	R/W: \$83 Con: \$1,241	PA&ED: \$688 PS&E: \$1,692 R/W Sup: \$99 Con Sup: \$1,029	Prior Prior Prior 21-22	PA&ED: 6/24/2019 R/W Cert: 2/19/2021 RTL: 7/12/2021 Begin Con: 1/7/2022
<i>Carryover</i>				Subtotal: \$1,324	\$3,508	
				Total Project Cost:	\$4,832	

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

Primary Asset

(Scour)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	20,926.0	20,926.0	Square feet
Post Condition	20,926.0	0.0	0.0	20,926.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 51-0237L	Good	Good
Bridge No. 51-0237R	Good	Good

**2020 SHOPP Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 55.9/R56.2 2561A 0520000139	Near Buellton, from 0.1 mile south of Nojoqui Creek Bridge No. 51-0018L/R to 0.3 mile south of Santa Rosa Road Overcrossing. Environmental mitigation for bridge rail replacement and widening project EA 1F790.	1F791 2022-23	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$50 22-23	PA&ED: 8/17/2018 R/W Cert: 7/12/2022 RTL: 8/5/2022 Begin Con: 11/14/2022
<i>Carryover</i>			Subtotal:		\$50	
			Total Project Cost:		\$50	

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 0.0 Linear feet rail
0 Bridge(s)

ROADWAY PRESERVATION

05-Santa Barbara-101 2.6/R4.8 2426Y 0520000052	In Carpinteria, from Casitas Pass Overcrossing to 0.5 mile south of South Padaro Lane. Environmental mitigation (highway planting) for EA 1C821.	1C8A1 2020-21	R/W: Con: \$2,800	PA&ED: PS&E: \$250 R/W Sup: Con Sup: \$500	Prior 20-21	PA&ED: 6/4/2018 R/W Cert: 9/1/2020 RTL: 10/6/2020 Begin Con: 4/9/2021
<i>Carryover</i>			Subtotal: \$2,800		\$750	
			Total Project Cost:		\$3,550	

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 0.0 Lane mile(s)

**2020 SHOPP Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 2.6/R4.8 2426X 0520000053	In Carpinteria, from Casitas Pass Overcrossing to 0.5 mile south of South Padaro Lane. Environmental mitigation (biological monitoring) for EA 1C821.	1C8A2 2021-22	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$40 21-22	PA&ED: 6/4/2018 R/W Cert: 2/24/2020 RTL: 10/1/2020 Begin Con: 12/10/2020
<i>Carryover</i>			Subtotal:		\$40	
			Total Project Cost:		\$40	

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 0.0 Lane mile(s)

05-Santa Barbara-101 4.4/R7.7 2426A 0517000083	In and near Summerland, from 0.9 mile south of South Padaro Lane Undercrossing to 0.6 mile north of Padaro Lane Overcrossing. Rehabilitate roadway.	1C822 2020-21	R/W: \$410 Con: \$60,650	PA&ED: PS&E: \$4,370 R/W Sup: \$290 Con Sup: \$12,490	Prior Prior 20-21	PA&ED: 6/4/2018 R/W Cert: 10/30/2020 RTL: 12/1/2020 Begin Con: 7/15/2021
<i>Carryover</i>			Subtotal: \$61,060		\$17,150	
			Total Project Cost:		\$78,210	

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.9	10.6	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 46.2/R52.3 2700 0517000002	Near Gaviota, from 0.1 mile south of Gaviota Beach State Park to Old Coast Highway. Rehabilitate pavement.	1H860 2021-22	R/W: \$77 * Con: \$59,218	PA&ED: \$2,160 PS&E: \$2,648 R/W Sup: \$74 * Con Sup: \$5,026	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 7/29/2021 RTL: 9/23/2021 Begin Con: 5/3/2022

Subtotal: \$59,295 \$9,908
Total Project Cost: \$69,203

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.8	18.8	0.0	27.6	Lane mile(s)
Post Condition	27.6	0.0	0.0	27.6	Lane mile(s)

05-Santa Barbara-101 R52.3/R56.1 2902 0518000209	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Rehabilitate pavement and drainage systems.	1K450 2023-24	R/W: \$48 Con: \$17,312	PA&ED: \$1,312 PS&E: \$1,963 R/W Sup: \$189 Con Sup: \$2,088	20-21 22-23 22-23 23-24	PA&ED: 6/20/2022 R/W Cert: 2/23/2024 RTL: 3/22/2024 Begin Con: 9/19/2024
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Subtotal: \$17,360 \$5,552
Total Project Cost: \$22,912

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	13.2	0.0	14.4	Lane mile(s)
Post Condition	14.4	0.0	0.0	14.4	Lane mile(s)

**2020 SHOPP Project List
Santa Barbara**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-135 11.7/17.8 2629 051600008	In and near Santa Maria, from Lakeview Road to Route 101. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G970 2020-21	R/W: \$378 Con: \$14,372	PA&ED: PS&E: \$1,869 R/W Sup: \$1,832 Con Sup: \$2,396	Prior Prior 20-21	PA&ED: 6/16/2017 R/W Cert: 10/1/2020 RTL: 11/19/2020 Begin Con: 5/24/2021
<i>Carryover</i>			Subtotal: \$14,750	\$6,097		
			Total Project Cost:	\$20,847		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.7	0.8	24.5	Lane mile(s)
Post Condition	24.5	0.0	0.0	24.5	Lane mile(s)

05-Santa Barbara-246 2632 051600012	In Lompoc, at combined segment of Route 246 and Route 1, on Route 246, from 0.3 mile west of V Street to H Street (PM 8.3/9.55); also on Route 1, from H Street to 12th Street (PM 19.3/20.6). Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Hot Mix Asphalt (HMA) pavement.	1H010 2021-22	R/W: \$563 Con: \$7,802	PA&ED: PS&E: \$3,630 R/W Sup: \$2,460 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 4/24/2017 R/W Cert: 10/25/2021 RTL: 12/15/2021 Begin Con: 7/27/2022
<i>Carryover</i>			Subtotal: \$8,365	\$7,840		
			Total Project Cost:	\$16,205		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.9	1.0	9.9	Lane mile(s)
Post Condition	9.9	0.0	0.0	9.9	Lane mile(s)

**2020 SHOPP Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 65.0/84.1 2918 0518000215	Near Los Alamos and Orcutt, from 1.8 miles north of Route 154 to 0.2 mile south of South Santa Maria Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1K510 2023-24	R/W: \$435 Con: \$4,566	PA&ED: \$1,478 PS&E: \$1,586 R/W Sup: \$214 Con Sup: \$1,629	20-21 22-23 22-23 23-24	PA&ED: 9/14/2022 R/W Cert: 5/6/2024 RTL: 5/6/2024 Begin Con: 11/21/2024
New			Subtotal: \$5,001 Total Project Cost:	\$4,907 \$9,908		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	543.0	543.0	Linear feet
Post Condition	543.0	0.0	0.0	543.0	Linear feet

05-Santa Barbara-154 R0.0/32.8 2919 0518000216	In Santa Barbara County, at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.	1K520 2023-24	R/W: \$139 Con: \$10,398	PA&ED: \$1,926 PS&E: \$2,044 R/W Sup: \$558 Con Sup: \$2,342	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/11/2024 RTL: 5/1/2024 Begin Con: 12/18/2024
New			Subtotal: \$10,537 Total Project Cost:	\$6,870 \$17,407		

Program 201.151 Drainage System Restoration
Project Output(s) 12 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,401.0	2,401.0	Linear feet
Post Condition	2,401.0	0.0	0.0	2,401.0	Linear feet

**2020 SHOPP Project List
Santa Barbara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

05-Santa Barbara-154 R5.8/R6.1 2674 0516000060	In Santa Ynez, from 0.2 mile east to 0.1 mile west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations and safety.	1H310 2021-22	R/W: \$888 Con: \$6,827	PA&ED: \$793 PS&E: \$1,440 R/W Sup: \$418 Con Sup: \$1,614	Prior 20-21 20-21 21-22	PA&ED: 2/7/2020 R/W Cert: 11/16/2021 RTL: 12/2/2021 Begin Con: 7/18/2022
<i>Carryover</i>			Subtotal: \$7,715	\$4,265		
			Total Project Cost:	\$11,980		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

Santa Barbara County

R/W: \$11,574	PA&ED: \$23,625
Const: \$356,618	PS&E: \$51,905
	R/W Sup: \$14,896
	Con Sup: \$70,998
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Subtotal: \$368,192	\$161,424
Total (Capital + Support):	\$529,616

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Santa Clara-9 6.0 1464D 0416000400	In Saratoga, north of Pierce Road (PM 5.97). Install Rock Slope Protection (RSP) and replace culvert.	2K280 2021-22	R/W:	\$10	PA&ED:	\$130	Prior	PA&ED:	3/4/2020
			Con:	\$1,264	PS&E:	\$318	Prior	R/W Cert:	7/28/2021
					R/W Sup:	\$36	Prior	RTL:	8/4/2021
					Con Sup:	\$315	21-22	Begin Con:	5/2/2022
			Subtotal:	\$1,274		\$799			
<i>Carryover</i>			Total Project Cost:			\$2,073			

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Santa Clara-101 R0.8 1453B 0415000245	Near Gilroy, at Sargent Bridge and Overhead No. 39-0006L. Permanent restoration of roadway settlement and southern abutment wingwall movement.	4J030 2020-21	R/W:	\$87	PA&ED:	\$650	Prior	PA&ED:	12/2/2019
			Con:	\$2,103	PS&E:	\$780	Prior	R/W Cert:	1/8/2021
					R/W Sup:	\$52	Prior	RTL:	2/1/2021
					Con Sup:	\$900	20-21	Begin Con:	6/15/2021
			Subtotal:	\$2,190		\$2,382			
<i>Carryover</i>			Total Project Cost:			\$4,572			

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-Santa Clara-35 14.1/17.1 1462H 0419000296	Near Saratoga, from Route 9 Junction to San Mateo County line; also in San Mateo County near Woodside from the Santa Clara County line to Route 84 (PM 2.121/10.518). Install centerline rumble strips, curve signs, pavement markings with audible traffic stripe systems, optical speed bars, and high visibility striping.	0P48U 2021-22	R/W: \$20 Con: \$4,356	PA&ED: \$290 PS&E: \$825 R/W Sup: \$41 Con Sup: \$851	Prior Prior 20-21 21-22	PA&ED: 4/1/2020 R/W Cert: 7/14/2021 RTL: 8/2/2021 Begin Con: 2/9/2022
<i>Carryover</i>			Subtotal: \$4,376	\$2,007		
			Total Project Cost:	\$6,383		

Program 201.010 Safety Improvements
Project Output(s) 24 Collision(s) reduced

04-Santa Clara-Var 1492E 0416000049	On various routes, in various cities at various locations. Replace pedestrian push-buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers and refresh crosswalk markings to enhance pedestrian safety.	0K080 2021-22	R/W: \$23 Con: \$9,111	PA&ED: \$939 PS&E: \$1,141 R/W Sup: \$36 Con Sup: \$1,304	Prior 20-21 21-22 21-22	PA&ED: 7/15/2020 R/W Cert: 3/2/2022 RTL: 3/15/2022 Begin Con: 9/13/2022
<i>Carryover</i>			Subtotal: \$9,134	\$3,420		
			Total Project Cost:	\$12,554		

Program 201.015 Collision Severity Reduction
Project Output(s) 12 Collision(s) reduced

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-9 1486A 0415000043 Carryover	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Relocate or shield existing electrical controller cabinets and install twenty-eight new Maintenance Vehicle Pullouts (MVPs).	2J950 2021-22	R/W: \$50 Con: \$6,924	PA&ED: \$1,300 PS&E: \$1,400 R/W Sup: \$45 Con Sup: \$1,600	Prior 20-21 20-21 21-22	PA&ED: 11/9/2020 R/W Cert: 2/25/2022 RTL: 3/14/2022 Begin Con: 9/12/2022
			Subtotal: \$6,974	\$4,345		
			Total Project Cost:	\$11,319		

Program 201.015 Collision Severity Reduction
Project Output(s) 10 Collision(s) reduced

04-Santa Clara-101 0.1/49.6 1495A 0416000053 New	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Upgrade guardrail transition railing.	0K110 2023-24	R/W: \$10 Con: \$10,343	PA&ED: \$1,127 PS&E: \$1,574 R/W Sup: \$70 Con Sup: \$1,702	20-21 21-22 21-22 23-24	PA&ED: 2/2/2022 R/W Cert: 11/2/2023 RTL: 12/1/2023 Begin Con: 8/2/2024
			Subtotal: \$10,353	\$4,473		
			Total Project Cost:	\$14,826		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-152 11.2/R35.2 1452E 0417000025	Near Gilroy, from Llagas Creek Bridge to the Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway worker safety.	2K800 2021-22	R/W: \$10 Con: \$6,590	PA&ED: \$800 PS&E: \$1,000 R/W Sup: \$45 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 8/31/2020 R/W Cert: 10/29/2021 RTL: 11/19/2021 Begin Con: 5/25/2022
Carryover			Subtotal: \$6,600	\$2,545		
			Total Project Cost:	\$9,145		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 88 Location(s)

04-Santa Clara-280 R0.0/L5.4 1492D 0416000024	In and near San Jose, from Route 101 to Route 17/880 Separation. Pave extended gore areas and narrow strips to improve highway worker safety.	4J960 2021-22	R/W: \$170 Con: \$3,835	PA&ED: \$780 PS&E: \$770 R/W Sup: \$62 Con Sup: \$503	Prior Prior 21-22 21-22	PA&ED: 6/1/2020 R/W Cert: 11/30/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
Carryover			Subtotal: \$4,005	\$2,115		
			Total Project Cost:	\$6,120		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 39 Location(s)

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Santa Clara-82 18.2/26.4 1495G 0416000020	In Sunnyvale, Mountain View, Los Altos, and Palo Alto, from Knickerbocker Drive to San Mateo County line. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards. Replace pedestrian push buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers, and refresh crosswalk markings to enhance pedestrian safety.	0K010 2021-22	R/W: \$1,614 Con: \$7,793	PA&ED: \$1,300 PS&E: \$1,700 R/W Sup: \$706 Con Sup: \$1,713	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
<i>Carryover</i>			Subtotal: \$9,407	\$5,419		
			Total Project Cost:	\$14,826		
					Americans with Disabilities Act New Curb	
			Program	201.361	Ramps	
			Project Output(s)	2	Curb ramp(s)	

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

BRIDGE PRESERVATION

04-Santa Clara-9 4.9 0386F 0412000409	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	3G630 2021-22	R/W: \$9,111 Con: \$15,432	PA&ED: \$2,800 PS&E: \$4,200 R/W Sup: \$1,200 Con Sup: \$3,100	Prior Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 10/1/2021 RTL: 3/4/2022 Begin Con: 10/15/2022
<i>Carryover</i>			Subtotal: \$24,543	\$11,300		
			Total Project Cost:	\$35,843		
			Program	201.110	Bridge Major Rehabilitation	
			Project Output(s)	1	Bridge(s)	

Primary Asset

<u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,223.0	4,223.0	Square feet
Post Condition	4,453.0	0.0	0.0	4,453.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0074	Fair	Good

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-17 6.2/6.6 2021L 0418000031	In Los Gatos, at Santa Cruz Avenue Undercrossing No. 37-0124L (PM 6.16) and Main Street Overcrossing No. 37 -0117 (PM 6.55). Upgrade bridge rails.	0P970 2023-24	R/W: \$26 Con: \$4,879	PA&ED: \$675 PS&E: \$1,453 R/W Sup: \$17 Con Sup: \$1,471	20-21 21-22 21-22 23-24	PA&ED: 5/30/2022 R/W Cert: 11/30/2023 RTL: 12/29/2023 Begin Con: 6/30/2024
New			Subtotal: \$4,905 Total Project Cost:	\$3,616 \$8,521		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,423.0 Linear feet rail
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,423.0	1,423.0	Linear feet rail
Post Condition	1,423.0	0.0	0.0	1,423.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0117	Good	Good
Bridge No. 37-0124L	Good	Good

04-Santa Clara-82 R11.4/26.4 2021B 0418000032	In the cities of Santa Clara and Palo Alto, at De La Cruz Boulevard Overcrossing (OC) No. 37-0214 (PM R11.38), Mayfield Pedestrian Undercrossing (UC) No. 37-0091 (PM 24.15), University Avenue OC No. 37 -0092 (PM 25.88), and San Francisquito Creek Bridge No. 37-0018 (PM 26.36). Upgrade bridge rails at three locations and abandon the Mayfield Pedestrian UC.	0P980 2022-23	R/W: \$43 Con: \$1,922	PA&ED: \$638 PS&E: \$1,533 R/W Sup: \$30 Con Sup: \$1,031	20-21 21-22 21-22 22-23	PA&ED: 2/3/2022 R/W Cert: 3/31/2023 RTL: 5/1/2023 Begin Con: 11/1/2023
New			Subtotal: \$1,965 Total Project Cost:	\$3,232 \$5,197		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 646.0 Linear feet rail
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	646.0	646.0	Linear feet rail
Post Condition	646.0	0.0	0.0	646.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0018	Fair	Fair
Bridge No. 37-0091	Good	Good
Bridge No. 37-0092	Good	Good
Bridge No. 37-0214	Fair	Fair

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-880 1.7/1.8 2023K 0418000290	In San Jose, at Park Avenue Overcrossing No. 37-0127 (PM 1.73). Upgrade bridge rails and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q520 2022-23	R/W: \$263 Con: \$1,539	PA&ED: \$418 PS&E: \$916 R/W Sup: \$57 Con Sup: \$529	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$1,802	\$1,920		
			Total Project Cost:	\$3,722		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 398.0 Linear feet rail
1 Bridge(s)

<u>Primary Asset</u> (Bridge Rail)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	398.0	398.0	Linear feet rail
Post Condition	398.0	0.0	0.0	398.0	Linear feet rail

<u>Bridge Health</u> Bridge No. 37-0127	<u>Existing Condition</u>	<u>Post Condition</u>
	Good	Good

ROADWAY PRESERVATION

04-Santa Clara-82 19.2/26.4 1498F 0416000023	In Mountain View, Los Altos, and Palo Alto, from 0.05 mile north of Route 237 to Sand Hill Road. Pavement rehabilitation.	4J890 2021-22	R/W: \$360 * Con: \$22,885	PA&ED: \$888 PS&E: \$1,974 R/W Sup: \$99 * Con Sup: \$1,974	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
Carryover	(G13 Contingency)		Subtotal: \$23,245	\$4,935		
			Total Project Cost:	\$28,180		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.0 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.3	32.7	43.0	Lane mile(s)
Post Condition	43.0	0.0	0.0	43.0	Lane mile(s)

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-280 R0.0/R2.7 2023G 0418000279	In San Jose, from Route 680 to Route 87. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	1Q460 2022-23	R/W: \$41 Con: \$19,322	PA&ED: \$1,199 PS&E: \$2,307 R/W Sup: \$20 Con Sup: \$2,152	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 4/13/2023 RTL: 5/1/2023 Begin Con: 11/20/2023
New			Subtotal: \$19,363 Total Project Cost:	\$5,678 \$25,041		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	18.0	0.0	18.3	Lane mile(s)
Post Condition	18.3	0.0	0.0	18.3	Lane mile(s)

04-Santa Clara-87 0.0/6.1 1492C 0416000010	In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation. (G13 Contingency)	4J910 2021-22	R/W: \$304 * Con: \$55,263	PA&ED: \$2,767 PS&E: \$4,425 R/W Sup: \$50 * Con Sup: \$6,581	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 4/30/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$55,567 Total Project Cost:	\$13,823 \$69,390		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 29.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	14.1	15.3	29.5	Lane mile(s)
Post Condition	29.5	0.0	0.0	29.5	Lane mile(s)

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-101 R18.7 2026C 0419000026	Near Morgan Hill, at Burnett Avenue and at Cochrane Road (PM R17.89); also in San Jose, on Route 680 at Alum Rock Avenue (PM M1.74). Upgrade pump plants and increase storm water storage at the Alum Rock pump plant.	2Q570 2022-23	R/W: \$10 Con: \$9,575	PA&ED: \$713 PS&E: \$2,021 R/W Sup: \$473 Con Sup: \$2,830	20-21 21-22 21-22 22-23	PA&ED: 10/4/2021 R/W Cert: 2/15/2023 RTL: 3/1/2023 Begin Con: 10/21/2023
New			Subtotal: \$9,585 Total Project Cost:	\$6,037 \$15,622		

Program 201.151 Drainage System Restoration
Project Output(s) 3 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3.0	3.0	Pump plant(s) (ea)
Post Condition	3.0	0.0	0.0	3.0	Pump plant(s) (ea)

04-Santa Clara-152 R16.8/R23.3 2020F 0418000039	Near Gilroy, from 1.9 miles east of Bloomfield Avenue to west of Casa De Frita Parkway at various locations. Rehabilitate drainage systems, upgrade guardrail, and pave roadside areas to prevent vegetation growth and enhance highway worker safety.	0Q050 2023-24	R/W: \$31 Con: \$4,213	PA&ED: \$977 PS&E: \$890 R/W Sup: \$9 Con Sup: \$1,020	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 11/1/2023 Begin Con: 7/1/2024
New			Subtotal: \$4,244 Total Project Cost:	\$2,896 \$7,140		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>	
Existing Condition	100.0	137.6	131.2	368.8	Linear feet
Post Condition	368.8	0.0	0.0	368.8	Linear feet

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

04-Santa Clara-237 7.0/8.0 1492A 0416000060	In San Jose, in the eastbound direction from North First Street to Zanker Road. Construct auxiliary lane.	0K240 2021-22	R/W: \$255 Con: \$8,030	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$130 Con Sup: \$1,560	Prior Prior Prior 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$8,285	\$6,890		
			Total Project Cost:	\$15,175		

Program 201.310 Operational Improvements
Project Output(s) 521.0 Daily vehicle hour(s) of delay (DVHD)

04-Santa Clara-237 7.0/8.0 1492B 0416000061	In San Jose, in the westbound direction from Zanker Road to North First Street. Construct auxiliary lane.	0K250 2021-22	R/W: \$57,823 Con: \$13,819	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$481 Con Sup: \$1,750	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$71,642	\$7,431		
			Total Project Cost:	\$79,073		

SBI Baseline Agreement Required

Program 201.310 Operational Improvements
Project Output(s) 332.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Santa Clara
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

04-Santa Clara-101	In San Jose, from 0.3 mile south of	4J930	R/W: \$15	PA&ED: \$375	Prior	PA&ED: 10/10/2019
30.7/38.1	Yerba Buena Road to 10th Street	2021-22	Con: \$2,009	PS&E: \$500	Prior	R/W Cert: 5/27/2021
2020J	Overcrossing. Highway planting and			R/W Sup: \$63	Prior	RTL: 7/27/2021
0416000017	modernizing roadside irrigation			Con Sup: \$625	21-22	Begin Con: 2/18/2022
	facilities.					
			Subtotal: \$2,024	\$1,563		
			Total Project Cost:	\$3,587		
Carryover						

Program 201.210 Highway Planting Restoration
Project Output(s) 13.0 Acre(s)

Santa Clara County	
R/W:	\$70,276 PA&ED: \$25,006
Const:	\$211,207 PS&E: \$33,887
	R/W Sup: \$3,722
	Con Sup: \$34,211
Subtotal:	\$281,483 \$96,826
Total (Capital + Support):	\$378,309

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

05-Santa Cruz-9 1.0 2874 0518000125	In and near the city of Santa Cruz, at north of Vernon Street; also at south of Glengary Road (PM 4.0). Construct sidehill viaducts, restore roadway and facilities, provide erosion control.	1K120 2021-22	R/W: \$46 Con: \$9,917	PA&ED: \$1,214 PS&E: \$3,851 R/W Sup: \$55 Con Sup: \$3,148	Prior 20-21 20-21 21-22	PA&ED: 3/24/2021 R/W Cert: 11/8/2021 RTL: 4/4/2022 Begin Con: 10/5/2022
<i>Carryover</i>			Subtotal: \$9,963	\$8,268		
			Total Project Cost:	\$18,231		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

05-Santa Cruz-9 10.8 2847 0518000115	Near Brookdale, south of Western Avenue. Construct side hill viaduct extension with cutoff retaining wall, restore roadway and facilities, and install permanent erosion control.	1K060 2021-22	R/W: \$60 Con: \$3,280	PA&ED: \$756 PS&E: \$1,621 R/W Sup: \$95 Con Sup: \$1,098	Prior Prior Prior 21-22	PA&ED: 3/10/2020 R/W Cert: 7/1/2021 RTL: 7/1/2021 Begin Con: 10/27/2021
<i>Carryover</i>			Subtotal: \$3,340	\$3,570		
			Total Project Cost:	\$6,910		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Cruz-9 20.0 2876 0518000126	Near Boulder Creek, 1.1 miles south of Route 236. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K130 2020-21	R/W: \$11 Con: \$3,621	PA&ED: \$620 PS&E: \$1,916 R/W Sup: \$212 Con Sup: \$1,250	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 11/10/2020 RTL: 11/13/2020 Begin Con: 4/13/2021
<i>Carryover</i>			Subtotal: \$3,632	\$3,998		
			Total Project Cost:	\$7,630		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

05-Santa Cruz-17 8.2 2852 0518000117	Near Scotts Valley, south of Sugarleaf Road. Stabilize eroded side cut slope by grading and dewatering.	1K070 2021-22	R/W: \$50 Con: \$4,271	PA&ED: \$721 PS&E: \$1,288 R/W Sup: \$75 Con Sup: \$1,033	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 7/14/2021 RTL: 12/31/2021 Begin Con: 8/12/2022
<i>Carryover</i>			Subtotal: \$4,321	\$3,117		
			Total Project Cost:	\$7,438		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

05-Santa Cruz-9	Near Ben Lomond, from Holiday Lane	1G950	R/W: \$271	PA&ED: \$1,445	Prior	PA&ED: 8/3/2020
8.5/25.5	to 4.7 miles north of the northern	2021-22	Con: \$5,361	PS&E: \$2,377	20-21	R/W Cert: 3/1/2022
2627	junction of Routes 236/9. Replace			R/W Sup: \$1,078	20-21	RTL: 3/29/2022
0516000005	failed culverts systems and construct			Con Sup: \$2,025	21-22	Begin Con: 9/7/2022
	energy dissipaters.					
			Subtotal: \$5,632	\$6,925		
<i>Carryover</i>			Total Project Cost:	\$12,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.0 Acre(s) treated/pollutant

05-Santa Cruz-152	Near Watsonville, from 0.1 mile east of	1F620	R/W: \$355	PA&ED: \$1,621	Prior	PA&ED: 5/27/2020
1.9/R2.0	Beverly Drive to Holohan	2021-22	* Con: \$1,528	PS&E: \$2,041	20-21	R/W Cert: 2/23/2022
2530	Road/College Road. Construct			R/W Sup: \$319	20-21	RTL: 4/1/2022
0514000039	accessible pathway, concrete			* Con Sup: \$1,588	21-22	Begin Con: 10/4/2022
	barrier, retaining wall, curb, gutter					
<i>Carryover</i>	and sidewalk to meet Americans with		Subtotal: \$1,883	\$5,569		
	Disabilities Act (ADA) standards.		Total Project Cost:	\$7,452		

** Construction Capital and * Construction Support phases are NOT authorized*

(G13 Contingency)

Program 201.361 Americans with Disabilities Act New Curb
Project Output(s) 5 Ramps
5 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5.0	5.0	Each
Post Condition	5.0	0.0	0.0	5.0	Each

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

05-Santa Cruz-9 13.6/15.5 2655 0516000078	Near Boulder Creek, at San Lorenzo River Bridge No. 36-0052 (PM 13.61) and Kings Creek Bridge No. 36-0054 (PM 15.49). Replace bridges to maintain standards of safety and reliability.	1H470 2021-22	R/W: \$660 Con: \$11,928	PA&ED: \$2,692 PS&E: \$2,884 R/W Sup: \$888 Con Sup: \$4,158	Prior Prior Prior 21-22	PA&ED: 8/24/2020 R/W Cert: 1/24/2022 RTL: 1/24/2022 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$12,588	\$10,622		
			Total Project Cost:	\$23,210		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2,454.0	1,615.0		4,069.0	Square feet
Post Condition	4,069.0	0.0	0.0	4,069.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 36-0052	Fair	Good
Bridge No. 36-0054	Poor	Good

05-Santa Cruz-1 13.3 2736 0516000079	In Capitola, at Soquel Creek Bridge No. 36-0013. Place Rock Slope Protection (RSP) to protect bridge foundation.	1H480 2021-22	R/W: \$546 Con: \$2,228	PA&ED: \$1,591 PS&E: \$1,370 R/W Sup: \$196 Con Sup: \$1,772	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 4/29/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
<i>Carryover</i>			Subtotal: \$2,774	\$4,929		
			Total Project Cost:	\$7,703		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	32,787.0	0.0	32,787.0	Square feet
Post Condition	32,787.0	0.0	0.0	32,787.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 36-0013	Fair	Good

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-Santa Cruz-129 L0.0/0.6 2775 0518000078	In and near Watsonville, from Route 1 to east of Blackburn Street. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1J830	R/W: \$641	PA&ED: \$1,143	20-21	PA&ED: 2/1/2022
		2023-24	Con: \$7,296	PS&E: \$2,292	21-22	R/W Cert: 4/2/2024
			R/W Sup: \$1,778	21-22		RTL: 5/1/2024
			Con Sup: \$1,659	23-24		Begin Con: 1/8/2025
			Subtotal: \$7,937		\$6,872	
			Total Project Cost:		\$14,809	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.8	0.0	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

05-Santa Cruz-1 R0.0/R7.9 2926 0518000239	In and near Watsonville, from Monterey County line to north of Larkin Valley Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems and lighting, install Transportation Management System (TMS) elements, pave areas behind the gore and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1K640	R/W: \$20	PA&ED: \$1,570	20-21	PA&ED: 10/24/2022
		2023-24	Con: \$10,652	PS&E: \$2,456	22-23	R/W Cert: 3/1/2024
			R/W Sup: \$43	22-23		RTL: 4/1/2024
			Con Sup: \$1,813	23-24		Begin Con: 10/1/2024
			Subtotal: \$10,672		\$5,882	
			Total Project Cost:		\$16,554	

Program 201.151 Drainage System Restoration
Project Output(s) 27 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	45.1	776.6	2,167.8	2,989.5	Linear feet
Post Condition	2,989.5	0.0	0.0	2,989.5	Linear feet

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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05-Santa Cruz-1 8.2/26.0 2843 0518000093 New	In and near the cities of Capitola and Santa Cruz, from north of Larkin Valley Road Undercrossing to Laguna Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements.	1J960 2023-24	R/W: \$174	PA&ED: \$2,206	20-21	PA&ED: 7/1/2022
			Con: \$14,389	PS&E: \$3,264	22-23	R/W Cert: 4/1/2024
				R/W Sup: \$779	22-23	RTL: 5/1/2024
				Con Sup: \$3,209	23-24	Begin Con: 11/1/2024
			Subtotal: \$14,563	\$9,458		
			Total Project Cost:	\$24,021		

Program 201.151 Drainage System Restoration
Project Output(s) 42 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,794.0	2,038.0	3,832.0	Linear feet
Post Condition	3,832.0	0.0	0.0	3,832.0	Linear feet

05-Santa Cruz-1 31.9/35.7 1967 0512000069 Carryover	Near Davenport, from 1.4 miles north of Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Corrugated Metal Pipe (CMP) culverts with Reinforced Concrete Pipe (RCP) culverts.	0J200 2021-22	R/W: \$262	PA&ED: \$964	Prior	PA&ED: 10/28/2019
			Con: \$8,205	PS&E: \$1,940	Prior	R/W Cert: 4/12/2021
				R/W Sup: \$344	Prior	RTL: 8/12/2021
				Con Sup: \$1,365	21-22	Begin Con: 9/17/2021
			Subtotal: \$8,467	\$4,613		
			Total Project Cost:	\$13,080		

Program 201.151 Drainage System Restoration
Project Output(s) 4 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	680.0	680.0	Linear feet
Post Condition	680.0	0.0	0.0	680.0	Linear feet

**2020 SHOPP Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

05-Santa Cruz-17 9.1/9.9 2593 0514000131	Near Scotts Valley, from 0.4 mile south of Laurel Road to 0.5 mile north of Laurel Road. Construct wildlife Undercrossing. Local contributions to fund construction capital.	1G260 2020-21	R/W: \$138 Con:	PA&ED: \$738 PS&E: \$2,013 R/W Sup: \$226 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 5/29/2018 R/W Cert: 8/17/2020 RTL: 2/8/2021 Begin Con: 9/22/2021
<i>Carryover</i>			Subtotal: \$138	\$4,977		
			Total Project Cost:	\$5,115		

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Santa Cruz County	
R/W:	\$3,234 PA&ED: \$17,281
Const:	\$82,676 PS&E: \$29,313
	R/W Sup: \$6,088
	Con Sup: \$26,118
Subtotal:	\$85,910 \$78,800
Total (Capital + Support):	\$164,710

**2020 SHOPP Project List
Shasta
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Shasta-299 44.3/44.9 3742 0219000027	Near Redding, from 1.9 miles west to 1.3 miles west of Du Bois Road. Curve improvement.	4H930 2021-22	R/W: \$230 Con: \$6,835	PA&ED: \$1,310 PS&E: \$1,290 R/W Sup: \$280 Con Sup: \$1,990	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 12/15/2021 RTL: 2/9/2022 Begin Con: 6/7/2022
			Subtotal: \$7,065	\$4,870		
<i>Carryover</i>			Total Project Cost:	\$11,935		

Program 201.010 Safety Improvements
Project Output(s) 38 Collision(s) reduced

MANDATES

02-Shasta-273 14.9/15.7 3626 0216000033	In Redding, from 0.1 mile north of South Redding Underpass to 0.1 mile north of California Street. Construct Americans with Disabilities Act (ADA) compliant ramps and sidewalks.	1H720 2021-22	R/W: \$402 Con: \$2,400	PA&ED: PS&E: \$1,200 R/W Sup: \$750 Con Sup: \$1,050	Prior Prior 21-22	PA&ED: 9/30/2016 R/W Cert: 7/9/2021 RTL: 8/13/2021 Begin Con: 2/4/2022
			Subtotal: \$2,802	\$3,000		
<i>Carryover</i>			Total Project Cost:	\$5,802		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

**2020 SHOPP Project List
Shasta
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Shasta-5	Near Shasta Lake City, from north of	3H680	R/W: \$54	PA&ED: \$890	20-21	PA&ED: 10/6/2021
R28.8/R44.1	Pit River Bridge to 1.8 miles north of	2022-23	Con: \$25,540	PS&E: \$1,090	21-22	R/W Cert: 12/16/2022
3699	Riverview Drive Undercrossing.			R/W Sup: \$80	21-22	RTL: 3/3/2023
0218000006	Rehabilitate pavement, upgrade			Con Sup: \$3,650	22-23	Begin Con: 7/5/2023
	guardrail and Transportation		Subtotal: \$25,594	\$5,710		
New	Management System (TMS) elements, and replace signs.		Total Project Cost:	\$31,304		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 59.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	58.4	0.6	59.0	Lane mile(s)
Post Condition	59.0	0.0	0.0	59.0	Lane mile(s)

02-Shasta-89	Near Burney, from north of Route 299	4H780	R/W: \$233	PA&ED: \$490	20-21	PA&ED: 5/2/2022
22.0/30.6	to 1.4 miles north of Lake Britton	2023-24	Con: \$8,350	PS&E: \$660	22-23	R/W Cert: 7/3/2023
3737	Bridge. Rehabilitate pavement,			R/W Sup: \$90	22-23	RTL: 7/28/2023
0219000004	construct Maintenance Vehicle			Con Sup: \$630	23-24	Begin Con: 12/26/2023
	Pullouts (MVPs), replace guardrail		Subtotal: \$8,583	\$1,870		
New	and signs, and rehabilitate drainage systems.		Total Project Cost:	\$10,453		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	20.7	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Shasta-299 24.1/30.3 2711 0218000080	In and near Redding, from Route 299 to east of Hootenanny Lane; also on Route 273 from 0.1 mile south to 0.1 mile north of Lake Boulevard (PM 18.5/18.7). Rehabilitate pavement, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, upgrade Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H050 2022-23	R/W: \$289 Con: \$19,780	PA&ED: \$850 PS&E: \$900 R/W Sup: \$330 Con Sup: \$1,770	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 1/26/2023 Begin Con: 5/30/2023
<i>New</i>			Subtotal: \$20,069	\$3,850		
			Total Project Cost:	\$23,919		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.4	0.0	20.4	Lane mile(s)
Post Condition	20.4	0.0	0.0	20.4	Lane mile(s)

02-Shasta-299 67.8/77.8 3618 0216000036	Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pavement, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant.	1H570 2021-22	R/W: \$436 Con: \$11,165	PA&ED: \$1,430 PS&E: \$1,300 R/W Sup: \$1,020 Con Sup: \$2,430	Prior 20-21 Prior 21-22	PA&ED: 9/8/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$11,601	\$6,180		
			Total Project Cost:	\$17,781		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.4	17.9	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Shasta County

			R/W: \$1,644	PA&ED: \$4,970		
			Const: \$74,070	PS&E: \$6,440		
				R/W Sup: \$2,550		
				Con Sup: \$11,520		
			Subtotal: \$75,714		\$25,480	
			Total (Capital + Support):		\$101,194	

2020 SHOPP Project List
Sierra
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

03-Sierra-89 0.6/5.1 8010 0320000034	Near Truckee, from 0.5 mile north of Sagehen Creek Road to 0.2 mile south of Henness Pass Road. Repair damaged wildlife fence, place Rock Slope Protection (RSP) to stabilize embankment, and pave inside wildlife crossing to create a water channel.	0J860 2021-22	R/W: \$10 Con: \$800	PA&ED: \$190 PS&E: \$300 R/W Sup: \$50 Con Sup: \$250	Prior 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 8/26/2021 RTL: 9/3/2021 Begin Con: 3/4/2022
<i>Carryover</i>			Subtotal: \$810	\$790		
			Total Project Cost:	\$1,600		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

ROADWAY PROTECTIVE BETTERMENTS

03-Sierra-80 1.3/1.6 7926 0317000045	Near Truckee and Floriston, from 1.3 miles east of the Nevada County line to the Nevada State line. Stabilize cut slope erosion and prevent rockfall by flattening the slope or installing a drapery system, concrete barrier, and drainage gutter.	2H010 2021-22	R/W: \$80 Con: \$5,100	PA&ED: \$370 PS&E: \$860 R/W Sup: \$210 Con Sup: \$900	Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 10/8/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$5,180	\$2,340		
			Total Project Cost:	\$7,520		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

2020 SHOPP Project List
Sierra
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Sierra County

			R/W:	\$90	PA&ED:	\$560
			Const:	\$5,900	PS&E:	\$1,160
					R/W Sup:	\$260
					Con Sup:	\$1,150
					<hr/>	
			Subtotal:	\$5,990		\$3,130
			Total (Capital + Support):			\$9,120

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Siskiyou-5 0.0/R69.2 3507 0213000002	In and near various cities, at various locations from Shasta County line to Oregon State line (PM R69.293). Enhance traffic safety by improving the roadside clear recovery zone.	4F520 2021-22	R/W: \$95 Con: \$3,540	PA&ED: \$1,000 PS&E: \$1,000 R/W Sup: \$200 Con Sup: \$1,250	Prior 20-21 20-21 21-22	PA&ED: 2/18/2020 R/W Cert: 2/19/2021 RTL: 7/7/2021 Begin Con: 8/31/2021
<i>Carryover</i>			Subtotal: \$3,635	\$3,450		
			Total Project Cost:	\$7,085		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

02-Siskiyou-5 R25.4/R25.9 3657 0216000114	Near Weed, from 0.2 mile south to 0.3 mile north of Weed Airport Safety Roadside Rest Area (SRRA). Upgrade wastewater and water systems.	2H130 2020-21	R/W: \$11 Con: \$1,663	PA&ED: \$260 PS&E: \$770 R/W Sup: \$30 Con Sup: \$680	Prior Prior Prior 20-21	PA&ED: 10/16/2019 R/W Cert: 8/12/2020 RTL: 9/16/2020 Begin Con: 4/14/2021
<i>Carryover</i>			Subtotal: \$1,674	\$1,740		
			Total Project Cost:	\$3,414		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 2 Location(s)

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-96 60.8/93.8 3732 0219000001	Near Seiad Valley, from east of Ladd Road to 0.7 mile east of Empire Creek Bridge at various locations. Improve highway worker safety by paving Maintenance Vehicle Pullouts (MVPs), stabilize slopes to prevent sediment runoff, and install new traction sand trap at the Seiad Valley Maintenance Station.	4H660 2022-23	R/W: \$132 Con: \$4,470	PA&ED: \$1,110 PS&E: \$910 R/W Sup: \$670 Con Sup: \$1,000	20-21 21-22 21-22 22-23	PA&ED: 3/9/2022 R/W Cert: 4/3/2023 RTL: 5/4/2023 Begin Con: 11/9/2023
New			Subtotal: \$4,602 Total Project Cost:	\$3,690 \$8,292		
						Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 104 Location(s)

BRIDGE PRESERVATION

02-Siskiyou-3 38.0/38.6 3546 0214000013	North of Fort Jones, from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No. 02-0042. Bridge replacement.	4G440 2020-21	R/W: \$237 Con: \$6,990	PA&ED: \$1,340 PS&E: \$700 R/W Sup: \$80 Con Sup: \$1,540	Prior Prior Prior 20-21	PA&ED: 8/29/2019 R/W Cert: 7/31/2020 RTL: 8/28/2020 Begin Con: 2/26/2021
Carryover			Subtotal: \$7,227 Total Project Cost:	\$3,660 \$10,887		
						Program 201.110 Bridge Major Rehabilitation Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	3,100.0	0.0	3,100.0	Square feet
Post Condition	4,400.0	0.0	0.0	4,400.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 02-0042	Fair	Good

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-5 2.5/3.0 3614 021600019	In Dunsmuir, from Central Dunsmuir Undercrossing to 0.1 mile north of Siskiyou Avenue at Sacramento River Bridge and Overhead No. 02-0002. Replace southbound bridge deck.	1H480 2021-22	R/W: \$269 * Con: \$14,350	PA&ED: \$1,440 PS&E: \$2,660 R/W Sup: \$450 * Con Sup: \$3,480	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 12/21/2021 RTL: 1/21/2022 Begin Con: 7/25/2022
Carryover	This is a Construction Manager/General Contractor (CMGC) project. (G13 Contingency)		Subtotal: \$14,619 Total Project Cost:	\$8,030 \$22,649		
			Program 201.110 Bridge Major Rehabilitation			
			Project Output(s) 1 Bridge(s)			

* Construction Capital and * Construction Support phases are NOT authorized

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45,241.0	0.0	45,241.0	Square feet
Post Condition	45,241.0	0.0	0.0	45,241.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0002	Fair	Good

02-Siskiyou-5 R8.3 3631 021600042	Near Mt. Shasta, at Azalea Road Overcrossing No. 02-0126. Rehabilitate bridge.	1H400 2020-21	R/W: \$50 Con: \$1,851	PA&ED: \$320 PS&E: \$750 R/W Sup: \$40 Con Sup: \$710	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 9/25/2020 RTL: 10/26/2020 Begin Con: 4/10/2021
Carryover			Subtotal: \$1,901 Total Project Cost:	\$1,820 \$3,721		
			Program 201.110 Bridge Major Rehabilitation			
			Project Output(s) 1 Bridge(s)			

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8,945.0	0.0	8,945.0	Square feet
Post Condition	8,945.0	0.0	0.0	8,945.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0126	Fair	Good

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-96 43.4/57.0 3620 0216000025	Near Happy Camp, from 0.9 mile west to 0.4 mile west of Gordons Ferry Road at Cade Creek (PM 43.4 to 43.8); also near Seiad Valley at Portuguese Creek (PM 57.0). Replace deteriorated large-diameter culverts with natural-bottom structures, reduce fish passage barriers, and adjust new approaches.	1H590 2023-24	R/W: \$79 Con: \$12,200	PA&ED: \$1,720 PS&E: \$2,740 R/W Sup: \$160 Con Sup: \$2,840	Prior 21-22 21-22 23-24	PA&ED: 9/7/2021 R/W Cert: 12/29/2023 RTL: 1/29/2024 Begin Con: 7/2/2024
<i>Carryover</i>			Subtotal: \$12,279 Total Project Cost:	\$7,460 \$19,739		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	8,844.0	0.0	0.0	8,844.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-xxxx		Good
Bridge No. 02-xxxx		Good

02-Siskiyou-96 76.8/78.0 3629 0216000040	Near Horse Creek, at Horse Creek Bridge No. 02-0117, from 0.4 mile west of Klamath River Bridge to 2.0 miles west of Kohl Creek. Replace bridge on new alignment to correct scour critical conditions, improve safety, and reduce operational deficiencies.	1H360 2023-24	R/W: \$993 Con: \$32,300	PA&ED: \$2,640 PS&E: \$2,810 R/W Sup: \$830 Con Sup: \$4,300	Prior 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 3/1/2023 RTL: 10/2/2023 Begin Con: 4/26/2024
<i>Carryover</i>			Subtotal: \$33,293 Total Project Cost:	\$10,580 \$43,873		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

Primary Asset (Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,572.0	12,572.0	Square feet
Post Condition	22,880.0	0.0	0.0	22,880.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0117	Fair	Good

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Siskiyou-3 R46.8/R48.0 3643 0217000009	In Yreka, from 0.4 mile north of Laura Lane to Juniper Drive; also on Route 263, from Route 3 to 1.0 mile south of Long Gulch Road (PM 49.07/49.41). Reconstruct pavement structural section, replace sidewalk, driveways, curb ramps and pedestrian signals to meet current Americans with Disabilities Act (ADA) standards, designate bikeways with new signage and pavement delineation. This is a Construction Manager/General Contractor (CMGC) project.	1H520 2021-22	R/W: \$1,482 * Con: \$52,950	PA&ED: \$1,830 PS&E: \$2,200 R/W Sup: \$5,880 * Con Sup: \$9,650	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 3/7/2022 RTL: 3/21/2022 Begin Con: 7/21/2022
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Carryover

Subtotal: \$54,432 \$19,560
Total Project Cost: \$73,992

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.1 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.0	3.1	11.1	Lane mile(s)
Post Condition	11.1	0.0	0.0	11.1	Lane mile(s)

02-Siskiyou-5 R25.2/R38.6 3697 0218000004	Near Weed, from North Edgewood Overhead to north of Grenada Overcrossing. Rehabilitate pavement, replace signs, add lighting, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	3H650 2022-23	R/W: \$235 Con: \$20,350	PA&ED: \$2,270 PS&E: \$1,890 R/W Sup: \$40 Con Sup: \$3,250	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 11/3/2022 RTL: 12/1/2022 Begin Con: 4/27/2023
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New

Subtotal: \$20,585 \$7,450
Total Project Cost: \$28,035

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 53.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	53.0	0.0	53.0	Lane mile(s)
Post Condition	53.0	0.0	0.0	53.0	Lane mile(s)

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-97 45.0/54.1 3712 0218000067	In and near Dorris, from south of Sams Neck Road to Oregon State line (PM 45.0/54.089). Rehabilitate pavement and upgrade facilities to meet Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	4H000 2022-23	R/W: \$188 Con: \$10,700	PA&ED: \$920 PS&E: \$900 R/W Sup: \$500 Con Sup: \$1,120	20-21 21-22 21-22 22-23	PA&ED: 11/3/2021 R/W Cert: 2/2/2023 RTL: 3/22/2023 Begin Con: 9/12/2023
New			Subtotal: \$10,888	\$3,440		
			Total Project Cost:	\$14,328		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	19.4	0.0	20.0	Lane mile(s)
Post Condition	20.0	0.0	0.0	20.0	Lane mile(s)

02-Siskiyou-5 2.7/R15.9 3685 0217000097	In and near Dunsmuir and Mt. Shasta, from Sacramento River Bridge Overhead to Black Butte Overhead. Roadway rehabilitation. This is a Construction Manager/General Contractor (CMGC) project.	3H320 2021-22	R/W: \$135 * Con: \$116,040	PA&ED: \$1,620 PS&E: \$5,090 R/W Sup: \$80 * Con Sup: \$12,860	Prior 20-21 20-21 21-22	PA&ED: 10/2/2020 R/W Cert: 10/4/2021 RTL: 3/10/2022 Begin Con: 9/27/2022
Carryover	(G13 Contingency)		Subtotal: \$116,175	\$19,650		
			Total Project Cost:	\$135,825		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 25.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.4	22.9	0.0	25.3	Lane mile(s)
Post Condition	25.3	0.0	0.0	25.3	Lane mile(s)

2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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FACILITIES

02-Siskiyou-3 L47.4 3644 0217000013	In Yreka, at the Yreka Maintenance Station. Construct new mechanic shop.	1H710 2023-24	R/W: \$8 Con: \$4,490	PA&ED: \$760 PS&E: \$1,290 R/W Sup: \$50 Con Sup: \$1,910	20-21 21-22 21-22 23-24	PA&ED: 12/27/2021 R/W Cert: 12/27/2022 RTL: 7/7/2023 Begin Con: 12/12/2023
			Subtotal: \$4,498	\$4,010		
New			Total Project Cost:	\$8,508		

Program 201.351 Equipment Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,300.0	6,300.0	Square feet
Post Condition	6,300.0	0.0	0.0	6,300.0	Square feet

Siskiyou County

R/W: \$3,914	PA&ED: \$17,230
Const: \$281,894	PS&E: \$23,710
	R/W Sup: \$9,010
	Con Sup: \$44,590
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Subtotal: \$285,808	\$94,540
Total (Capital + Support):	\$380,348

**2020 SHOPP Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Solano-505 R5.7 2021G 0418000139	Near Vacaville, at southbound offramp to Allendale Road. Restore slope washout between offramp and adjacent frontage road by placing rock slope protection.	0Q710 2022-23	R/W: \$50 Con: \$841	PA&ED: \$317 PS&E: \$402 R/W Sup: \$25 Con Sup: \$385	Prior 21-22 21-22 22-23	PA&ED: 7/9/2021 R/W Cert: 8/5/2022 RTL: 9/9/2022 Begin Con: 3/20/2023
Carryover			Subtotal: \$891	\$1,129		
			Total Project Cost:	\$2,020		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

04-Solano-Var 1493H 0416000050	In Solano County, on Routes 12, 29, 37, 80, 113, 505, and 780 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signal (APS) systems and countdown timers and upgrading crosswalk markings.	0K100 2023-24	R/W: \$20 Con: \$3,263	PA&ED: \$390 PS&E: \$555 R/W Sup: \$22 Con Sup: \$950	20-21 22-23 22-23 23-24	PA&ED: 9/30/2022 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 1/20/2025
New			Subtotal: \$3,283	\$1,917		
			Total Project Cost:	\$5,200		

Program 201.015 Collision Severity Reduction
Project Output(s) 5 Collision(s) reduced

2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-Var 1464J 0417000518 New	In Solano County, on Routes 29, 37, 80, and 780 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems and upgrading crosswalk markings.	0P760 2023-24	R/W: \$98 Con: \$5,963	PA&ED: \$604 PS&E: \$840 R/W Sup: \$65 Con Sup: \$1,006	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 1/8/2024 RTL: 2/5/2024 Begin Con: 9/2/2024
			Subtotal: \$6,061	\$2,515		
			Total Project Cost:	\$8,576		

Program 201.015 Collision Severity Reduction
Project Output(s) 8 Collision(s) reduced

04-Solano-80 17.2/19.2 1452K 0417000028 Carryover	In Fairfield, from West Texas Street to Airbase Parkway at various locations; also in Vallejo on Route 29 at Route 29/37 Separation (PM 4.9). Upgrade fencing and gates.	2K810 2021-22	R/W: \$10 Con: \$3,142	PA&ED: \$550 PS&E: \$550 R/W Sup: \$100 Con Sup: \$550	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/14/2022 RTL: 4/15/2022 Begin Con: 10/14/2022
			Subtotal: \$3,152	\$1,750		
			Total Project Cost:	\$4,902		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 28 Location(s)

**2020 SHOPP Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Solano-Var 2030D 0419000035 New	In Solano County, on various routes at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Vallejo Flood and Wastewater District.	2Q660 2022-23	R/W: Con: \$5,000	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: R/W Cert: RTL: Begin Con:
			Subtotal: \$5,000			
			Total Project Cost:	\$5,000		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	113.1 Acre(s) treated/pollutant		

04-Solano-80 R11.3/38.0 2026G 0418000049 New	In and near Fairfield, Vacaville, and Dixon, from Red Top Road to Route 113 at various locations; also on Route 680 near Benicia and Fairfield, from Contra Costa County line to Route 80 (PM R0.0R/13.0) at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture.	0Q190 2022-23	R/W: \$69 Con: \$4,980	PA&ED: \$1,009 PS&E: \$1,534 R/W Sup: \$21 Con Sup: \$2,387	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 10/24/2023
			Subtotal: \$5,049	\$4,951		
			Total Project Cost:	\$10,000		
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	23.0 Acre(s) treated/pollutant		

**2020 SHOPP Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

04-Solano-128 0.7 2024F 0418000297	Near Winters, at Putah Creek Bridge No. 23-0099 (PM 0.72). Rehabilitate bridges by upgrading bridge rails and overlying bridge deck.	1Q570 2023-24	R/W: \$60 Con: \$4,587	PA&ED: \$801 PS&E: \$1,936 R/W Sup: \$140 Con Sup: \$1,506	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 1/25/2024 RTL: 2/1/2024 Begin Con: 9/9/2024
			Subtotal: \$4,647	\$4,383		
New			Total Project Cost:	\$9,030		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 489.0 Linear feet rail
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	489.0	489.0	Linear feet rail
Post Condition	489.0	0.0	0.0	489.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0099	Good	Good

04-Solano-80 34.5 0480N 0414000017	In and near Dixon and Vacaville, at McCune Creek Bridge No. 23 -0084L/R; also on Route 505 at Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0J600 2020-21	R/W: \$715 Con: \$4,317	PA&ED: \$990 PS&E: \$880 R/W Sup: \$66 Con Sup: \$1,773	Prior Prior Prior 20-21	PA&ED: 3/22/2019 R/W Cert: 9/21/2020 RTL: 9/25/2020 Begin Con: 4/14/2021
			Subtotal: \$5,032	\$3,709		
Carryover			Total Project Cost:	\$8,741		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	12,528.0	1,216.0	11,646.0	25,390.0	Square feet
Post Condition	25,390.0	0.0	0.0	25,390.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0077L	Poor	Good
Bridge No. 23-0084L	Fair	Good
Bridge No. 23-0084R	Fair	Good

2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-84 2.5 0480D 0413000081	Near Rio Vista, at the Cache Slough Ferry Crossing. Upgrade the existing fender systems, concrete ramps, and swing gate systems, modify the ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS).	4H060 2021-22	R/W: \$350 * Con: \$12,630	PA&ED: \$2,080 PS&E: \$2,080 R/W Sup: \$260 * Con Sup: \$2,080	Prior 20-21 20-21 21-22	PA&ED: 4/1/2021 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/19/2022
Carryover	(G13 Contingency)		Subtotal: \$12,980	\$6,500		
			Total Project Cost:	\$19,480		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,305.0	3,305.0	Square feet
Post Condition	3,305.0	0.0	0.0	3,305.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0034	Fair	Good

ROADWAY PRESERVATION

04-Solano-12 20.6/26.4 0480P 0414000020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation.	0J630 2021-22	R/W: \$2,983 * Con: \$73,200	PA&ED: \$5,780 PS&E: \$5,780 R/W Sup: \$2,890 * Con Sup: \$11,560	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 1/1/2022 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover	(G13 Contingency)		Subtotal: \$76,183	\$26,010		
			Total Project Cost:	\$102,193		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 9.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.7	0.0	9.7	Lane mile(s)
Post Condition	9.7	0.0	0.0	9.7	Lane mile(s)

**2020 SHOPP Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-29 0.0/6.0 2027C 0419000021	In Vallejo, from Route 80 to Napa County line (PM 0.0/5.955). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q520 2022-23	R/W: \$200 Con: \$24,059	PA&ED: \$1,571 PS&E: \$2,608 R/W Sup: \$231 Con Sup: \$3,416	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 6/12/2023 RTL: 6/19/2023 Begin Con: 1/29/2024
New			Subtotal: \$24,259	\$7,826		
			Total Project Cost:	\$32,085		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.4	0.0	24.4	Lane mile(s)
Post Condition	24.4	0.0	0.0	24.4	Lane mile(s)

04-Solano-80 15.0/30.7 1494F 0416000112	In and near Fairfield and Vacaville, from 1.5 miles east of Suisun Valley Road/Pittman Road to 0.8 mile east of Leisure Town Road/Vaca Valley Parkway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	0K640 2023-24	R/W: \$25 Con: \$25,043	PA&ED: \$1,276 PS&E: \$1,456 R/W Sup: \$29 Con Sup: \$4,064	20-21 21-22 21-22 23-24	PA&ED: 4/4/2022 R/W Cert: 9/4/2023 RTL: 10/2/2023 Begin Con: 4/1/2024
New			Subtotal: \$25,068	\$6,825		
			Total Project Cost:	\$31,893		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	28.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

**2020 SHOPP Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-12 7.9/14.1 2027D 0419000024	Near Suisun City, from 0.5 mile west of Walters Road to 0.5 mile west of Lambie Road/Shiloh Road. Rehabilitate roadway and upgrade guardrail.	2Q550 2023-24	R/W: \$10 Con: \$23,478	PA&ED: \$2,136 PS&E: \$3,198 R/W Sup: \$68 Con Sup: \$3,493	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$23,488	\$8,895		
			Total Project Cost:	\$32,383		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 12.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	12.6	0.0	12.9	Lane mile(s)
Post Condition	12.9	0.0	0.0	12.9	Lane mile(s)

Solano County

R/W:	\$4,590	PA&ED:	\$17,504
Const:	\$190,503	PS&E:	\$21,819
		R/W Sup:	\$3,917
		Con Sup:	\$33,170
Subtotal:	\$195,093		\$76,410
Total (Capital + Support):			\$271,503

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

04-Sonoma-1 15.1/15.7 0748E 0400000129	Near Carmet, from 0.1 mile to 0.7 mile north of Calle Del Sol. Realign roadway near Gleason Beach.	0A020 2020-21	R/W: \$15,398 Con: \$35,824	PA&ED: PS&E: \$1,800 R/W Sup: \$500 Con Sup: \$5,000	Prior Prior 20-21	PA&ED: 6/30/2016 R/W Cert: 12/4/2020 RTL: 12/15/2020 Begin Con: 7/1/2021
			Subtotal: \$51,222	\$7,300		
<i>Carryover</i>			Total Project Cost:	\$58,522		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Sonoma-1 26.7/27.0 0482T 0413000433	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slipouts.	0J300 2020-21	R/W: \$243 Con: \$22,239	PA&ED: \$2,106 PS&E: \$2,496 R/W Sup: \$208 Con Sup: \$3,600	Prior Prior Prior 20-21	PA&ED: 6/30/2020 R/W Cert: 9/15/2020 RTL: 6/30/2021 Begin Con: 12/15/2021
			Subtotal: \$22,482	\$8,410		
<i>Carryover</i>			Total Project Cost:	\$30,892		

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 9.0 0481G 0419000576	Near Petaluma, north of Pepper Road. Environmental mitigation for project EA 0J100.	0J101 2020-21	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$140 20-21	PA&ED: R/W Cert: RTL: 9/15/2020 Begin Con: 3/9/2021
<i>Carryover</i>				Subtotal:	\$140	
				Total Project Cost:	\$140	

Program 201.131 Permanent Restoration
Project Output(s) 0 Location(s)

04-Sonoma-101 R55.8 1462P 0416000409	Near Cloverdale, at 0.4 mile south of the Mendocino County line. Restore slope, rebuild damaged gutter and install erosion control measures.	2K350 2021-22	R/W: \$225 Con: \$2,620	PA&ED: \$840 PS&E: \$413 R/W Sup: \$128 Con Sup: \$459	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 7/1/2021 RTL: 9/1/2021 Begin Con: 3/9/2022
<i>Carryover</i>				Subtotal: \$2,845	\$1,840	
				Total Project Cost:	\$4,685	

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-116 9.6 1464F 0416000410	Near Monte Rio, at 0.2 mile west of Cnopius Road. Repair unstable slope by constructing a retaining wall.	2K360 2022-23	R/W: \$384 Con: \$5,980	PA&ED: \$1,775 PS&E: \$1,883 R/W Sup: \$204 Con Sup: \$1,441	Prior 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/30/2023
<i>Carryover</i>			Subtotal: \$6,364	\$5,303		
			Total Project Cost:	\$11,667		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

04-Sonoma-121 9.7/10.3 2021D 0417000267	Near Schellville, from 0.2 mile to 0.8 mile north of Ramal Road. Restore structural integrity of the existing roadway by injecting polyurethane to densify the soil below and minimizing future settlement, grind and replace asphalt concrete, and rehabilitate drainage systems.	4K140 2022-23	R/W: \$11 Con: \$4,040	PA&ED: \$528 PS&E: \$941 R/W Sup: \$31 Con Sup: \$668	Prior 20-21 20-21 22-23	PA&ED: 5/3/2021 R/W Cert: 9/5/2022 RTL: 10/3/2022 Begin Con: 5/22/2023
<i>Carryover</i>			Subtotal: \$4,051	\$2,168		
			Total Project Cost:	\$6,219		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

04-Sonoma-12 19.8 2026M 0419000048 <i>Carryover</i>	In Santa Rosa, at intersection with Boas Drive. Install traffic signal.	2Q780	R/W: \$365	PA&ED: \$1,097	Prior	PA&ED: 2/4/2022
		2023-24	Con: \$2,099	PS&E: \$1,303	21-22	R/W Cert: 10/6/2023
				R/W Sup: \$191	21-22	RTL: 11/10/2023
				Con Sup: \$1,089	23-24	Begin Con: 5/3/2024
		Subtotal: \$2,464		\$3,680		
		Total Project Cost:		\$6,144		

Program 201.010 Safety Improvements
Project Output(s) 9 Collision(s) reduced

04-Sonoma-12 1492G 0416000045 <i>Carryover</i>	In Sonoma County, on Routes 12 and 116 at various locations; also in Marin County, on Routes 1 and 131 at various locations; and in Napa County on Routes 29 and 121 at various locations. Install hybrid beacons, stop and yield lines, crosswalks and bulb-outs, and upgrade curb ramps to enhance pedestrian safety.	0K130	R/W: \$36	PA&ED: \$800	Prior	PA&ED: 5/1/2020
		2021-22	Con: \$2,157	PS&E: \$880	Prior	R/W Cert: 9/1/2021
				R/W Sup: \$70	Prior	RTL: 1/3/2022
				Con Sup: \$740	21-22	Begin Con: 6/1/2022
		Subtotal: \$2,193		\$2,490		
		Total Project Cost:		\$4,683		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Sonoma-116	Near Guerneville, from Brookside	4J460	R/W: \$68	PA&ED: \$300	Prior	PA&ED: 6/30/2020
11.8/R12.2	Lane to River Road. Upgrade curb	2021-22	Con: \$3,425	PS&E: \$930	Prior	R/W Cert: 1/20/2022
1491B	ramps and sidewalk, and install			R/W Sup: \$225	Prior	RTL: 5/2/2022
0415000351	Accessible Pedestrian Signals (APS)			Con Sup: \$930	21-22	Begin Con: 11/14/2022
	pushbuttons to make facilities		Subtotal: \$3,493			
<i>Carryover</i>	compliant with the Americans with Disabilities Act (ADA) standards.		Total Project Cost:		\$5,878	

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18.0	18.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

BRIDGE PRESERVATION

04-Sonoma-101	In and near Santa Rosa, at Todd	2K240	R/W: \$116	PA&ED: \$650	Prior	PA&ED: 10/1/2019
16.5/19.0	Road Overcrossing (OC) No. 20-0172	2021-22	Con: \$4,343	PS&E: \$780	Prior	R/W Cert: 8/2/2021
1451A	(PM 16.54) and Baker Avenue OC No.			R/W Sup: \$130	Prior	RTL: 9/1/2021
0416000394	20-0173 (PM 19.00); also in Marin			Con Sup: \$988	21-22	Begin Con: 3/1/2022
	County near Navato, at Miller Creek		Subtotal: \$4,459			
<i>Carryover</i>	Road OC No. 27-0082 (PM 15.57). Upgrade bridge rails.		Total Project Cost:		\$7,007	

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,395.0 Linear feet rail
3 Bridge(s)

Primary Asset

<u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,395.0	1,395.0	Linear feet rail
Post Condition	1,395.0	0.0	0.0	1,395.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0172	Poor	Poor
Bridge No. 20-0173	Fair	Fair
Bridge No. 27-0082	Fair	Fair

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 22.8/32.8 2029C 0418000319	In and near Santa Rosa, at Mendocino Avenue Overcrossing No. 20-0179 (PM 22.81), Fulton Road Overcrossing No. 20-0200 (PM 25.90), Shiloh Road Overcrossing No. 20-0202 (PM 27.62), and Limerick Lane Overcrossing No. 20-0066 (PM 32.79). Upgrade bridge rails.	1Q700 2023-24	R/W: \$252 Con: \$8,056	PA&ED: \$1,528 PS&E: \$1,518 R/W Sup: \$5 Con Sup: \$1,484	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$8,308 Total Project Cost:	\$4,535 \$12,843		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,065.0 Linear feet rail
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,065.0	1,065.0	Linear feet rail
Post Condition	1,065.0	0.0	0.0	1,065.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0066	Fair	Fair
Bridge No. 20-0179	Good	Good
Bridge No. 20-0200	Good	Good
Bridge No. 20-0202	Poor	Poor

04-Sonoma-116 19.9/33.4 2028P 0419000011	Near Sebastopol, at Jones Creek Bridge No. 20-0094 (PM 19.90), Blucher Creek Bridge No. 20-0103 (PM 29.83) and Gossage Creek Bridge No. 20-0104 (PM 33.37). Upgrade bridge rails.	2Q420 2023-24	R/W: \$160 Con: \$4,310	PA&ED: \$1,280 PS&E: \$1,780 R/W Sup: \$170 Con Sup: \$1,740	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$4,470 Total Project Cost:	\$4,970 \$9,440		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 430.0 Linear feet rail
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	430.0	430.0	Linear feet rail
Post Condition	430.0	0.0	0.0	430.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0094	Good	Good
Bridge No. 20-0103	Good	Good
Bridge No. 20-0104	Good	Good

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 6.5/8.4 2028Q 0419000013	Near Schellville, at Yellow Creek Bridge No. 20-0021 (PM 6.52) and Arroyo Seco Bridge No. 20-0023 (PM 8.43). Upgrade bridge rails.	2Q440 2023-24	R/W: \$190 Con: \$7,780	PA&ED: \$1,750 PS&E: \$2,410 R/W Sup: \$80 Con Sup: \$2,370	20-21 22-23 22-23 23-24	PA&ED: 8/8/2022 R/W Cert: 2/15/2024 RTL: 3/1/2024 Begin Con: 1/17/2025
<i>New</i>			Subtotal: \$7,970	\$6,610		
			Total Project Cost:	\$14,580		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 274.0 Linear feet rail
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	274.0	274.0	Linear feet rail
Post Condition	274.0	0.0	0.0	274.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0021	Good	Good
Bridge No. 20-0023	Fair	Fair

04-Sonoma-101 0.0 1487D 0415000078	Near Petaluma, at San Antonio Creek Bridges No. 20-0019L/R. Abutment scour mitigation and channel sediment cleaning to address flooding.	3J080 2021-22	R/W: \$160 Con: \$997	PA&ED: \$982 PS&E: \$416 R/W Sup: \$24 Con Sup: \$468	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/1/2021 RTL: 12/1/2021 Begin Con: 6/1/2022
<i>Carryover</i>			Subtotal: \$1,157	\$1,890		
			Total Project Cost:	\$3,047		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,376.0	4,376.0	Square feet
Post Condition	4,376.0	0.0	0.0	4,376.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0019L		
Bridge No. 20-0019R	Good	Good

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

04-Sonoma-12 11.0/T17.4 1493M 0416000098	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant. (G13 Contingency)	0K520 2021-22	R/W: \$280 * Con: \$27,681	PA&ED: \$2,084 PS&E: \$2,900 R/W Sup: \$66 * Con Sup: \$3,350	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
			Subtotal: \$27,961	\$8,400		
			Total Project Cost:	\$36,361		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.5	0.5	22.0	Lane mile(s)
Post Condition	22.0	0.0	0.0	22.0	Lane mile(s)

04-Sonoma-1 1.0/28.7 1453C 0416000306	Near Bodega Bay, Carmet, and Jenner, from 0.7 mile south of Middle Road to 2.3 miles north of Meyers Grade Road at various locations. Rehabilitate drainage systems.	1K720 2023-24	R/W: \$655 Con: \$3,569	PA&ED: \$794 PS&E: \$718 R/W Sup: \$58 Con Sup: \$687	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
			Subtotal: \$4,224	\$2,257		
			Total Project Cost:	\$6,481		

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,125.0	1,125.0	Linear feet
Post Condition	1,125.0	0.0	0.0	1,125.0	Linear feet

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 19.3/21.8 2022P 0418000242	Near Jenner, from south of Willow Creek Road to Burke Avenue. Rehabilitate drainage systems at two locations.	1Q340 2023-24	R/W: \$831 Con: \$4,881	PA&ED: \$1,663 PS&E: \$2,118 R/W Sup: \$81 Con Sup: \$1,684	20-21 21-22 21-22 23-24	PA&ED: 4/28/2022 R/W Cert: 1/29/2024 RTL: 2/28/2024 Begin Con: 8/28/2024
<i>New</i>			Subtotal: \$5,712	\$5,546		
			Total Project Cost:	\$11,258		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	110.0	110.0	Linear feet
Post Condition	110.0	0.0	0.0	110.0	Linear feet

04-Sonoma-1 30.8/40.6 1453J 0416000307	Near Jenner, from south of Fort Ross Road to north of Moon Rock Campground at various locations. Rehabilitate drainage culverts.	1K730 2021-22	R/W: \$321 Con: \$4,256	PA&ED: \$744 PS&E: \$1,369 R/W Sup: \$429 Con Sup: \$1,385	Prior 20-21 20-21 21-22	PA&ED: 12/29/2019 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 1/1/2023
<i>Carryover</i>			Subtotal: \$4,577	\$3,927		
			Total Project Cost:	\$8,504		

Program 201.151 Drainage System Restoration
Project Output(s) 22 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	447.0	582.9	1,029.9	Linear feet
Post Condition	1,029.9	0.0	0.0	1,029.9	Linear feet

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 41.5/54.6 1462M 0416000309	Near Gualala, from north of Moon Rock Campground to 0.1 mile north of Vantage Road. Rehabilitate drainage culverts.	1K750 2021-22	R/W: \$382 Con: \$4,761	PA&ED: \$1,050 PS&E: \$1,571 R/W Sup: \$286 Con Sup: \$1,040	Prior 20-21 20-21 21-22	PA&ED: 10/15/2020 R/W Cert: 6/15/2022 RTL: 6/15/2022 Begin Con: 1/16/2023
Carryover			Subtotal: \$5,143	\$3,947		
			Total Project Cost:	\$9,090		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	858.2	858.5	1,716.7	Linear feet
Post Condition	1,716.7	0.0	0.0	1,716.7	Linear feet

04-Sonoma-1 45.4 1462N 0416000310	Near Sea Ranch, at 2.7 miles south of Skaggs Springs Road. Rehabilitate damaged culvert.	1K760 2023-24	R/W: \$165 Con: \$995	PA&ED: \$767 PS&E: \$596 R/W Sup: \$315 Con Sup: \$309	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 6/1/2024 RTL: 6/1/2024 Begin Con: 1/2/2025
New			Subtotal: \$1,160	\$1,987		
			Total Project Cost:	\$3,147		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.0	79.0	Linear feet
Post Condition	79.0	0.0	0.0	79.0	Linear feet

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

04-Sonoma-37 3.8/4.0 2023H 0418000281	Near Novato, at the intersection with Route 121. Improve traffic operations by modifying intersection.	1Q480 2023-24	R/W:	\$542	PA&ED:	\$1,458	20-21	PA&ED:	10/1/2022
			Con:	\$5,991	PS&E:	\$1,570	22-23	R/W Cert:	2/1/2024
					R/W Sup:	\$83	22-23	RTL:	3/1/2024
					Con Sup:	\$1,597	23-24	Begin Con:	9/1/2024
			Subtotal:	\$6,533		\$4,708			
			Total Project Cost:			\$11,241			

New

Program 201.310 Operational Improvements
Project Output(s) 577.0 Daily vehicle hour(s) of delay (DVHD)

04-Sonoma-37 3.9/4.1 2025P 0418000432	Near Novato, from Route 121 to 0.2 mile east of Route 121. Improve traffic operations by extending the lane merge in eastbound direction.	2Q200 2023-24	R/W:	\$821	PA&ED:	\$1,469	20-21	PA&ED:	10/1/2022
			Con:	\$11,666	PS&E:	\$2,361	22-23	R/W Cert:	2/1/2024
					R/W Sup:	\$15	22-23	RTL:	3/1/2024
					Con Sup:	\$1,800	23-24	Begin Con:	9/1/2024
			Subtotal:	\$12,487		\$5,645			
			Total Project Cost:			\$18,132			

New

Program 201.310 Operational Improvements
Project Output(s) 866.0 Daily vehicle hour(s) of delay (DVHD)

**2020 SHOPP Project List
Sonoma
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 6.5/7.0 2031J 0412000557	Near Schellville, at the intersection of Routes 121 and 116. Construct roundabout.	3G900 2022-23	R/W: \$4,331 Con: \$12,488	PA&ED: PS&E: R/W Sup: Con Sup: \$2,050	22-23	PA&ED: 4/13/2018 R/W Cert: 8/1/2022 RTL: 10/3/2022 Begin Con: 3/15/2023
			Subtotal: \$16,819	\$2,050		
			Total Project Cost:	\$18,869		
New						

Program 201.310 Operational Improvements
Project Output(s) 300.0 Daily vehicle hour(s) of delay (DVHD)

Sonoma County	
R/W: \$25,936	PA&ED: \$23,665
Const: \$180,158	PS&E: \$30,753
	R/W Sup: \$3,299
	Con Sup: \$35,019
Subtotal: \$206,094	\$92,736
Total (Capital + Support):	\$298,830

**2020 SHOPP Project List
Stanislaus
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

10-Stanislaus-99	In Modesto, near Zeff Road	1H600	R/W:	PA&ED:	\$416	20-21	PA&ED: 7/15/2021
R14.9	Undercrossing. Construct stormwater	2023-24	Con: \$1,061	PS&E:	\$938	21-22	R/W Cert: 7/1/2023
3475	Best Management Practices (BMPs).			R/W Sup:	\$38	21-22	RTL: 8/1/2023
1017000187				Con Sup:	\$691	23-24	Begin Con: 2/17/2024
			Subtotal:	\$1,061		\$2,083	
			Total Project Cost:			\$3,144	

New

Program 201.335 Storm Water Mitigation
Project Output(s) 18.0 Acre(s) treated/pollutant

10-Stanislaus-132	In Waterford, from Reinway Avenue	1G420	R/W: \$84	PA&ED: \$683	Prior	PA&ED: 6/21/2019
27.2/28.0	to F Street. Upgrade pedestrian	2021-22	Con: \$2,854	PS&E: \$1,337	Prior	R/W Cert: 8/2/2021
3241	facilities to make compliant with the			R/W Sup: \$723	Prior	RTL: 9/1/2021
1017000013	Americans with Disabilities Act (ADA)			Con Sup: \$718	21-22	Begin Con: 3/18/2022
	standards.		Subtotal:	\$2,938		\$3,461
			Total Project Cost:			\$6,399

Carryover

Program 201.361 Americans with Disabilities Act New Curb
Project Output(s) 36 Ramps
36 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	36.0	36.0	Each
Post Condition	36.0	0.0	0.0	36.0	Each

**2020 SHOPP Project List
Stanislaus
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-Stanislaus-5	Near Patterson, from Fink Road	1H280	R/W: \$22	PA&ED: \$894	20-21	PA&ED: 8/26/2021
10.3/25.5	Undercrossing No. 38-0114L to Khaksa	2022-23	Con: \$9,814	PS&E: \$1,947	21-22	R/W Cert: 3/28/2023
3420	Road Undercrossing No. 38-0127L/R at			R/W Sup: \$15	21-22	RTL: 4/28/2023
1017000190	various locations. Rehabilitate bridge			Con Sup: \$1,919	22-23	Begin Con: 11/30/2023
	decks with concrete overlay, replace		Subtotal: \$9,836	\$4,775		
New	joint seals and/or approach slabs.		Total Project Cost:	\$14,611		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 20 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	10,377.0	65,281.0	75,658.0	Square feet
Post Condition	75,658.0	0.0	0.0	75,658.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 38-0114L	Poor	Good
Bridge No. 38-0115L	Fair	Good
Bridge No. 38-0115R	Good	Good
Bridge No. 38-0116L	Poor	Good
Bridge No. 38-0116R	Good	Good
Bridge No. 38-0118L	Good	Good
Bridge No. 38-0118R	Good	Good
Bridge No. 38-0119L	Good	Good
Bridge No. 38-0119R	Good	Good
Bridge No. 38-0120L	Good	Good
Bridge No. 38-0120R	Good	Good
Bridge No. 38-0122L	Good	Good
Bridge No. 38-0122R	Good	Good
Bridge No. 38-0123L	Good	Good
Bridge No. 38-0123R	Good	Good
Bridge No. 38-0125R	Fair	Good
Bridge No. 38-0126L	Poor	Good
Bridge No. 38-0126S	Good	Good
Bridge No. 38-0127L	Good	Good
Bridge No. 38-0127R	Good	Good

**2020 SHOPP Project List
Stanislaus
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Stanislaus-99 R10.0/R16.8 3251 1016000017	In and near Ceres and Modesto, at various locations from Mitchell Road to Kansas Avenue; also in Merced County, on Route 59 near the city of Merced, at Childs Avenue (PM 14.0). Upgrade drainage pump plants.	1E620 2020-21	R/W: \$13 Con: \$6,440	PA&ED: \$278 PS&E: \$1,142 R/W Sup: \$93 Con Sup: \$1,991	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 8/10/2020 RTL: 9/9/2020 Begin Con: 3/26/2021
Carryover			Subtotal: \$6,453	\$3,504		
			Total Project Cost:	\$9,957		

Program 201.151 Drainage System Restoration
Project Output(s) 6 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6.0	6.0	Pump plant(s) (ea)
Post Condition	6.0	0.0	0.0	6.0	Pump plant(s) (ea)

MOBILITY

10-Stanislaus-99 R4.5/R23.3 3443 1018000283	In Stanislaus and San Joaquin Counties, on various routes at various locations. Install Transportation Management System (TMS) elements, and enhance highway worker safety.	1F970 2023-24	R/W: \$660 Con: \$9,650	PA&ED: \$1,100 PS&E: \$1,420 R/W Sup: \$250 Con Sup: \$1,720	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 2/26/2024
New			Subtotal: \$10,310	\$4,490		
			Total Project Cost:	\$14,800		

Program 201.315 Transportation Management Systems
Project Output(s) 100 Field element(s)

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	65	Field element(s)
Post Condition	100.0%	0.0%	100	Field element(s)

**2020 SHOPP Project List
Stanislaus
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADSIDE PRESERVATION

10-Stanislaus-5 27.0/27.4 3144 1014000097	Near Westley, at the Westley Safety Roadside Rest Area (SRRA). Replace SRRA buildings.	1C270 2022-23	R/W: \$17 Con: \$17,166	PA&ED: PS&E: \$529 R/W Sup: \$15 Con Sup: \$9,203	20-21 20-21 22-23	PA&ED: 4/14/2017 R/W Cert: 4/6/2022 RTL: 7/1/2022 Begin Con: 12/7/2022
New			Subtotal: \$17,183	\$9,747		
			Total Project Cost:	\$26,930		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

Stanislaus County

R/W:	\$796	PA&ED:	\$3,371
Const:	\$46,985	PS&E:	\$7,313
		R/W Sup:	\$1,134
		Con Sup:	\$16,242
Subtotal:		\$47,781	\$28,060
Total (Capital + Support):			\$75,841

**2020 SHOPP Project List
Tehama
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

02-Tehama-99 4.2/4.8 3744 0219000044	Near Los Molinos, from 0.3 mile south to 0.3 mile north of South Avenue. Construct roundabout.	0J010 2023-24	R/W: \$2,147 Con: \$7,350	PA&ED: \$1,050 PS&E: \$1,430 R/W Sup: \$180 Con Sup: \$2,250	Prior 21-22 21-22 23-24	PA&ED: 6/1/2022 R/W Cert: 11/1/2023 RTL: 11/27/2023 Begin Con: 3/19/2024
<i>Carryover</i>			Subtotal: \$9,497	\$4,910		
			Total Project Cost:	\$14,407		

Program 201.010 Safety Improvements
Project Output(s) 20 Collision(s) reduced

02-Tehama-5 36.3/41.6 3632 0216000044	Near Red Bluff, from Nine Mile Hill Overcrossing to 0.1 mile north of Bowman Road Overcrossing. Improve median clear recovery zone and widen inside shoulder to make standard for enhanced errant vehicle safety.	1H470 2020-21	R/W: \$470 Con: \$4,530	PA&ED: \$930 PS&E: \$800 R/W Sup: \$40 Con Sup: \$1,030	Prior Prior Prior 20-21	PA&ED: 2/4/2020 R/W Cert: 2/15/2021 RTL: 3/8/2021 Begin Con: 9/7/2021
<i>Carryover</i>			Subtotal: \$5,000	\$2,800		
			Total Project Cost:	\$7,800		

Program 201.015 Collision Severity Reduction
Project Output(s) 7 Collision(s) reduced

**2020 SHOPP Project List
Tehama
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

02-Tehama-99 9.0/9.3 3642 0216000148	Near Los Molinos, from 0.2 mile south to 0.2 mile north of Champlin Slough Bridge No. 08-0006. Replace bridge to correct scour critical conditions.	1H510 2021-22	R/W: \$90 Con: \$4,370	PA&ED: \$850 PS&E: \$1,170 R/W Sup: \$90 Con Sup: \$990	Prior 20-21 20-21 21-22	PA&ED: 5/5/2020 R/W Cert: 10/22/2021 RTL: 11/24/2021 Begin Con: 4/19/2022
			Subtotal: \$4,460	\$3,100		
<i>Carryover</i>			Total Project Cost:	\$7,560		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,713.0	2,713.0	Square feet
Post Condition	2,713.0	0.0	0.0	2,713.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0006	Good	Good

02-Tehama-36 41.9/42.6 3733 0219000010	In Red Bluff, at East Sand Slough Bridge No. 08-0090 (PM 41.95), Samson Slough Bridge No. 08-0089 (PM 42.24), and Paynes Creek Slough Bridge No. 08-0088 (PM 42.5). Seismic retrofit of three bridges.	4H710 2023-24	R/W: \$309 Con: \$3,230	PA&ED: \$990 PS&E: \$1,270 R/W Sup: \$330 Con Sup: \$980	20-21 22-23 22-23 23-24	PA&ED: 10/5/2022 R/W Cert: 3/15/2024 RTL: 3/29/2024 Begin Con: 10/8/2024
			Subtotal: \$3,539	\$3,570		
<i>New</i>			Total Project Cost:	\$7,109		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 3 Bridge(s)

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	144,495.0	144,495.0	Square feet
Post Condition	144,495.0	0.0	0.0	144,495.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0088	Fair	Fair
Bridge No. 08-0089	Fair	Fair
Bridge No. 08-0090	Fair	Fair

**2020 SHOPP Project List
Tehama
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

02-Tehama-36 20.0/39.7 3719 0218000069	Near Red Bluff, from 0.8 mile east of Salt Creek Bridge to Baker Road. Rehabilitate pavement, upgrade guardrail and signs, add lighting, and rehabilitate drainage systems.	4H020 2022-23	R/W: \$164	PA&ED: \$1,140	20-21	PA&ED: 3/2/2022
			Con: \$21,630	PS&E: \$1,410	21-22	R/W Cert: 3/15/2023
				R/W Sup: \$220	21-22	RTL: 3/20/2023
				Con Sup: \$1,470	22-23	Begin Con: 9/12/2023
			Subtotal: \$21,794	\$4,240		
			Total Project Cost:	\$26,034		

New

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.7	0.0	37.7	Lane mile(s)
Post Condition	37.7	0.0	0.0	37.7	Lane mile(s)

02-Tehama-99 0.0/12.5 3707 0218000039	Near Los Molinos, from Butte County line to south of Los Molinos Creek Bridge. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and widen shoulders.	3H770 2023-24	R/W: \$744	PA&ED: \$2,090	20-21	PA&ED: 10/14/2022
			* Con: \$33,010	PS&E: \$2,060	22-23	R/W Cert: 1/8/2024
				R/W Sup: \$810	22-23	RTL: 2/8/2024
				* Con Sup: \$3,060	23-24	Begin Con: 6/11/2024
			Subtotal: \$33,754	\$8,020		
			Total Project Cost:	\$41,774		

New

* Construction Capital and * Construction Support phases are NOT authorized
SBI Baseline Agreement Required

(G13 Contingency)

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.1	0.0	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

**2020 SHOPP Project List
Tehama
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

02-Tehama-5 39.0/41.9 3611 0216000010	Near Red Bluff, from 0.3 mile north of Snively Road Overcrossing to 0.4 mile north of Bowman Road Overcrossing. Upgrade southbound Cottonwood Commercial Vehicle Enforcement Facility (CVEF).	1H680 2021-22	R/W: \$35 Con: \$13,200	PA&ED: \$450 PS&E: \$2,170 R/W Sup: \$50 Con Sup: \$2,320	Prior 20-21 21-22	PA&ED: 5/5/2020 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 5/17/2022
Carryover			Subtotal: \$13,235	\$4,990		
			Total Project Cost:	\$18,225		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Tehama County	
R/W:	\$3,959 PA&ED: \$7,500
Const:	\$87,320 PS&E: \$10,310
	R/W Sup: \$1,720
	Con Sup: \$12,100
Subtotal:	\$91,279 \$31,630
Total (Capital + Support):	\$122,909

2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

02-Trinity-299 13.4/13.7 3720 0218000071	Near Burnt Ranch, from east of China Slide Road to Mill Creek Road. Stabilize the slope by constructing a retaining wall, reconstructing roadway, and modifying drainage systems.	4H040 2021-22	R/W: \$360 Con: \$11,500	PA&ED: \$920 PS&E: \$1,280 R/W Sup: \$130 Con Sup: \$2,790	Prior 20-21 20-21 21-22	PA&ED: 4/1/2021 R/W Cert: 4/1/2022 RTL: 5/27/2022 Begin Con: 9/20/2022
<i>Carryover</i>			Subtotal: \$11,860	\$5,120		
			Total Project Cost:	\$16,980		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

MANDATES

02-Trinity-299 64.7/71.7 3637 0216000049	Near Douglas City, at various locations from 1.2 miles east of Lewiston Road to 0.5 mile west of Shasta County line. Perform storm water mitigation improvements at sixteen locations to meet statewide National Pollutant Discharge Elimination System (NPDES) permit mandate goals.	1H700 2021-22	R/W: \$345 Con: \$3,200	PA&ED: \$860 PS&E: \$1,200 R/W Sup: \$380 Con Sup: \$1,100	Prior 20-21 20-21 21-22	PA&ED: 9/8/2020 R/W Cert: 2/25/2022 RTL: 3/28/2022 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$3,545	\$3,540		
			Total Project Cost:	\$7,085		

Program 201.335 Storm Water Mitigation
Project Output(s) 108.0 Acre(s) treated/pollutant

2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

02-Trinity-3	In Trinity County, at Dobbins Gulch	1H500	R/W: \$206	PA&ED: \$900	Prior	PA&ED: 7/2/2020
3633	Bridge No. 05-0042 (PM 0.6), Stuart	2021-22	Con: \$6,300	PS&E: \$1,030	20-21	R/W Cert: 1/21/2022
0216000045	Fork Bridge No. 05-0055 (PM 43.9) and Mule Creek Bridge No. 05-0056 (PM 48.5); also on Route 299, at Grass			R/W Sup: \$230	20-21	RTL: 2/22/2022
	Valley Creek Bridge No. 05-0013 (PM 65.5). Repair unsound concrete, replace bearings and joint seals, repair bridge decks, and install barrier and approach slabs.			Con Sup: \$2,060	21-22	Begin Con: 8/9/2022
<i>Carryover</i>			Subtotal: \$6,506	\$4,220		
			Total Project Cost:	\$10,726		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2,401.0	22,669.0	0.0	25,070.0	Square feet
Post Condition	25,070.0	0.0	0.0	25,070.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 05-0013	Fair	Good
Bridge No. 05-0042	Good	Good
Bridge No. 05-0055	Fair	Good
Bridge No. 05-0056	Good	Good

ROADWAY PRESERVATION

02-Trinity-299	Near Del Loma, from 1.0 mile east of	3H700	R/W: \$78	PA&ED: \$1,180	20-21	PA&ED: 5/3/2022
15.0/25.7	Trinity River Bridge to west of Prairie	2023-24	Con: \$18,790	PS&E: \$1,360	22-23	R/W Cert: 7/3/2023
3701	Creek Road. Rehabilitate pavement,			R/W Sup: \$70	22-23	RTL: 8/28/2023
0218000011	upgrade guardrail and Transportation Management System (TMS) elements,			Con Sup: \$1,860	23-24	Begin Con: 1/2/2024
	widen lanes to make standard, and rehabilitate drainage systems.		Subtotal: \$18,868	\$4,470		
<i>New</i>			Total Project Cost:	\$23,338		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.3	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Trinity-299 1.6/45.2 3668 0217000012	Near Salyer, at various locations from 0.1 mile west of White House Gulch Road to 0.4 mile west of Slattery Pond Road. Rehabilitate culverts.	2H810 2021-22	R/W: \$311 Con: \$5,390	PA&ED: \$930 PS&E: \$980 R/W Sup: \$330 Con Sup: \$990	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/19/2021 RTL: 8/19/2021 Begin Con: 12/14/2021
<i>Carryover</i>			Subtotal: \$5,701	\$3,230		
			Total Project Cost:	\$8,931		

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,292.5	1,292.5	Linear feet
Post Condition	1,292.5	0.0	0.0	1,292.5	Linear feet

Trinity County

R/W:	\$1,300	PA&ED:	\$4,790
Const:	\$45,180	PS&E:	\$5,850
		R/W Sup:	\$1,140
		Con Sup:	\$8,800
Subtotal:	\$46,480		\$20,580
Total (Capital + Support):			\$67,060

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

06-Tulare-Var 6898 0618000013	In and near Porterville, on Routes 65 and 190 at various locations. Install centerline and shoulder rumble strips.	0X040 2020-21	R/W: \$17 Con: \$1,800	PA&ED: \$750 PS&E: \$730 R/W Sup: \$20 Con Sup: \$630	Prior Prior Prior 20-21	PA&ED: 1/9/2020 R/W Cert: 10/2/2020 RTL: 11/2/2020 Begin Con: 7/21/2021
<i>Carryover</i>			Subtotal: \$1,817	\$2,130		
			Total Project Cost:	\$3,947		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

06-Tulare-63 6897 0615000191	On Route 63 and 137, near Visalia and Exter at various locations. Construct rumble strips.	0U040 2020-21	R/W: \$5 Con: \$1,713	PA&ED: \$390 PS&E: \$550 R/W Sup: \$5 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/14/2020 Begin Con: 5/26/2021
<i>Carryover</i>			Subtotal: \$1,718	\$1,445		
			Total Project Cost:	\$3,163		

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-190 11.3/11.5 7033 0619000232	Near Porterville, from 0.1 mile west to 0.1 mile east of Rockford Road. Construct roundabout.	1A310 2023-24	R/W: \$750 Con: \$4,200	PA&ED: \$1,400 PS&E: \$1,550 R/W Sup: \$850 Con Sup: \$1,350	Prior 21-22 21-22 23-24	PA&ED: 1/5/2022 R/W Cert: 10/7/2023 RTL: 10/15/2023 Begin Con: 3/30/2024
			Subtotal: \$4,950	\$5,150		
<i>Carryover</i>			Total Project Cost:	\$10,100		

Program 201.010 Safety Improvements
Project Output(s) 23 Collision(s) reduced

06-Tulare-Var 6986 0618000228	In various counties, on various routes at various locations. Replace or install new curve warning signs on highways, onramps, and offramp locations.	0Y490 2020-21	R/W: \$22 Con: \$2,000	PA&ED: \$980 PS&E: \$720 R/W Sup: \$20 Con Sup: \$940	Prior 20-21 20-21 20-21	PA&ED: 7/1/2020 R/W Cert: 4/1/2021 RTL: 4/15/2021 Begin Con: 9/15/2021
			Subtotal: \$2,022	\$2,660		
<i>Carryover</i>			Total Project Cost:	\$4,682		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 22.3 6885 061600035	Near Tipton, at the Philip S. Raine Safety Roadside Rest Area (SRRA). Upgrade water, sewer and irrigation facilities.	0U770 2020-21	R/W: \$50 Con: \$6,500	PA&ED: \$550 PS&E: \$1,750 R/W Sup: \$12 Con Sup: \$2,250	Prior Prior Prior 20-21	PA&ED: 8/22/2019 R/W Cert: 4/5/2021 RTL: 4/15/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$6,550	\$4,562		
			Total Project Cost:	\$11,112		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 2 Location(s)

06-Tulare-99 51.6/52.2 6882 0616000220	Near Kingsburg, from 0.2 mile south to 0.4 mile north of Avenue 384 Overcrossing at the C. H. Warlow Safety Roadside Rest Area (SRRA). Upgrade water and wastewater systems to comply with Federal and State statutes and regulatory requirements.	0V760 2020-21	R/W: \$170 Con: \$7,000	PA&ED: \$869 PS&E: \$1,666 R/W Sup: \$36 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 4/2/2021 RTL: 4/9/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$7,170	\$4,571		
			Total Project Cost:	\$11,741		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 1 Location(s)

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

06-Tulare-245 1.2/1.6 6787 0615000293	Near Woodlake, at Yokohl Creek Bridge No. 46-0011 (PM 1.19/1.59); also at Kaweah River Bridge No. 46 -0073 (PM 4.19/4.30). Replace bridges to upgrade to current standards, facilitate bike lane shoulders, and upgrade guardrailings.	0U280 2020-21	R/W: \$280 Con: \$18,000	PA&ED: \$1,325 PS&E: \$2,260 R/W Sup: \$645 Con Sup: \$3,400	Prior Prior Prior 20-21	PA&ED: 8/14/2019 R/W Cert: 3/15/2021 RTL: 4/1/2021 Begin Con: 10/19/2021
<i>Carryover</i>			Subtotal: \$18,280	\$7,630		
			Total Project Cost:	\$25,910		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14,865.0	0.0	14,865.0	Square feet
Post Condition	21,003.0	0.0	0.0	21,003.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 46-0011	Fair	Good
Bridge No. 46-0073	Fair	Good

06-Tulare-99 6788 0615000295	In and near Pixley, at Avenue 48 Overcrossing (OC) No. 46-0165 (PM 6.2), Davis Avenue OC No. 46-0172 (PM 12.6), and Avenue 100 OC No. 46 -0173 (PM 12.8). Upgrade bridge railing to current standards and install approach railings.	0U270 2020-21	R/W: \$108 Con: \$4,200	PA&ED: \$740 PS&E: \$1,122 R/W Sup: \$30 Con Sup: \$1,048	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 1/15/2021 RTL: 2/1/2021 Begin Con: 10/15/2021
<i>Carryover</i>			Subtotal: \$4,308	\$2,940		
			Total Project Cost:	\$7,248		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,493.0 Linear feet rail
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,493.0	1,493.0	Linear feet rail
Post Condition	1,493.0	0.0	0.0	1,493.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 46-0165	Good	Good
Bridge No. 46-0172	Good	Good
Bridge No. 46-0173	Good	Good

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

06-Tulare-216 0.0/R2.9 6696 0618000012	In and near Visalia, from Route 198 to east of Sol Road. Rehabilitate roadway by replacing distressed asphalt, provide non-motorized transportation facilities and bring Americans with Disabilities Act (ADA) facilities to current standards.	0W900 2022-23	R/W: \$1,500 Con: \$16,900	PA&ED: \$2,500 PS&E: \$1,900 R/W Sup: \$200 Con Sup: \$2,800	Prior 21-22 21-22 22-23	PA&ED: 6/2/2021 R/W Cert: 1/3/2023 RTL: 1/10/2023 Begin Con: 10/9/2023
<i>Carryover</i>			Subtotal: \$18,400	\$7,400		
			Total Project Cost:	\$25,800		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 5.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	4.5	0.9	5.4	Lane mile(s)
Post Condition	5.4	0.0	0.0	5.4	Lane mile(s)

06-Tulare-63 5.8/L8.0 7008 0619000009	In Visalia, from south of Caldwell Avenue to Route 198 (PM 5.8/L7.97). Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, replace signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0X700 2022-23	R/W: \$210 Con: \$10,000	PA&ED: \$1,220 PS&E: \$2,350 R/W Sup: \$1,000 Con Sup: \$2,500	20-21 20-21 20-21 22-23	PA&ED: 1/29/2021 R/W Cert: 1/5/2023 RTL: 1/10/2023 Begin Con: 7/5/2023
<i>New</i>			Subtotal: \$10,210	\$7,070		
			Total Project Cost:	\$17,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.9	15.4	1.2	18.5	Lane mile(s)
Post Condition	18.5	0.0	0.0	18.5	Lane mile(s)

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 0.0/13.5 6963 0617000307	Near Earlimart, from County line Road Overcrossing to 0.7 mile north of Court Avenue Overcrossing. Rehabilitate roadway, construct median concrete barrier, replace signs, rehabilitate drainage systems, upgrade Transportation Management System (TMS) elements, and replace signs.	0W790 2022-23	R/W: \$225 Con: \$56,800	PA&ED: \$3,360 PS&E: \$4,450 R/W Sup: \$400 Con Sup: \$9,100	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 1/9/2023 RTL: 1/16/2023 Begin Con: 7/3/2023
New			Subtotal: \$57,025 Total Project Cost:	\$17,310 \$74,335		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 51.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.0	21.7	0.0	51.7	Lane mile(s)
Post Condition	51.7	0.0	0.0	51.7	Lane mile(s)

06-Tulare-99 27.6/30.6 6944 0618000011	In the city of Tulare, from Paige Avenue to Prosperity Avenue Overcrossing. Rehabilitate roadway, upgrade lighting and Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, and enhance highway worker safety.	0W910 2023-24	R/W: \$500 * Con: \$28,500	PA&ED: \$1,800 PS&E: \$2,500 R/W Sup: \$90 * Con Sup: \$4,000	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 11/1/2023 RTL: 12/2/2023 Begin Con: 6/3/2024
New			Subtotal: \$29,000 Total Project Cost:	\$8,390 \$37,390		

** Construction Capital and * Construction Support phases are NOT authorized*

(G13 Contingency)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 12.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.0	0.0	12.0	Lane mile(s)
Post Condition	12.0	0.0	0.0	12.0	Lane mile(s)

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 20.2/R53.9 6967 0618000044	In and near the city of Tulare, from 0.7 mile north of Avenue 152 Overcrossing to Fresno County line (PM 20.2/R53.939) at various locations. Rehabilitate drainage systems.	0X250 2023-24	R/W: \$150 Con: \$9,900	PA&ED: \$2,350 PS&E: \$2,350 R/W Sup: \$610 Con Sup: \$2,610	20-21 22-23 22-23 23-24	PA&ED: 9/15/2022 R/W Cert: 4/1/2024 RTL: 4/15/2024 Begin Con: 11/1/2024
New			Subtotal: \$10,050 Total Project Cost:	\$7,920 \$17,970		

Program 201.151 Drainage System Restoration
Project Output(s) 102 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	514.1	3,605.6	5,701.5	9,821.2	Linear feet
Post Condition	9,821.2	0.0	0.0	9,821.2	Linear feet

06-Tulare-198 0.0/44.0 7015 0618000045	In Tulare County, from Kings County line to east of Sequoia National Park Boundary at various locations. Rehabilitate drainage systems.	0X260 2022-23	R/W: \$337 Con: \$11,548	PA&ED: \$3,515 PS&E: \$3,298 R/W Sup: \$1,759 Con Sup: \$3,027	20-21 21-22 21-22 22-23	PA&ED: 12/15/2021 R/W Cert: 5/15/2023 RTL: 5/30/2023 Begin Con: 2/1/2024
New			Subtotal: \$11,885 Total Project Cost:	\$11,599 \$23,484		

Program 201.151 Drainage System Restoration
Project Output(s) 148 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	5,248.9	7,071.8	12,320.7	Linear feet
Post Condition	12,320.7	0.0	0.0	12,320.7	Linear feet

**2020 SHOPP Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Tulare County

			R/W: \$4,324	PA&ED: \$21,749		
			Const: \$179,061	PS&E: \$27,196		
				R/W Sup: \$5,677		
				Con Sup: \$36,155		
			Subtotal: \$183,385	\$90,777		
			Total (Capital + Support):	\$274,162		

**2020 SHOPP Project List
Tuolumne
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

10-Tuolumne-108 L1.3/53.3 3234	At various locations, from Sonora to Dardanelle; also on Route 49 in Sonora (PM 17.4 to 17.6) and in Stanislaus County on Route 108 in and near Riverbank (PM 28.5 to 33.4).	1C400 2021-22	R/W: \$194 Con: \$5,070	PA&ED: \$634 PS&E: \$1,370 R/W Sup: \$11 Con Sup: \$896	Prior 20-21 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 10/15/2021 RTL: 11/30/2021 Begin Con: 7/1/2022
1017000025			Subtotal: \$5,264	\$2,911		
Carryover	Upgrade guardrail to make standard.		Total Project Cost:	\$8,175		

Program 201.015 Collision Severity Reduction
Project Output(s) 7 Collision(s) reduced

ROADWAY PRESERVATION

10-Tuolumne-108 R18.9/38.8 0157	Near Long Barn, from 0.1 mile east of the east junction of Long Barn Road to 2.3 miles east of Cow Creek Road.	46210 2020-21	R/W: \$8 Con: \$16,406	PA&ED: \$687 PS&E: \$1,152 R/W Sup: \$8 Con Sup: \$2,092	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 12/1/2020 RTL: 1/2/2021 Begin Con: 7/15/2021
1013000266	Pavement rehabilitation.		Subtotal: \$16,414	\$3,939		
Carryover			Total Project Cost:	\$20,353		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 41.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	32.4	9.4	0.0	41.8	Lane mile(s)
Post Condition	41.8	0.0	0.0	41.8	Lane mile(s)

**2020 SHOPP Project List
Tuolumne
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Tuolumne-120 R3.4/R39.8 3411 1017000179	Near Groveland, from 4.7 miles west of La Grange Road to west of Ferretti Road; also in Calaveras County, on Route 26 and in Tuolumne County, on Route 108 at various locations. Rehabilitate drainage systems.	1F250 2023-24	R/W: \$247 Con: \$2,776	PA&ED: \$1,182 PS&E: \$1,181 R/W Sup: \$251 Con Sup: \$1,307	20-21 22-23 22-23 23-24	PA&ED: 8/19/2022 R/W Cert: 3/7/2024 RTL: 4/8/2024 Begin Con: 10/10/2024
New			Subtotal: \$3,023 Total Project Cost:	\$3,921 \$6,944		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,967.7	1,967.7	Linear feet
Post Condition	1,967.7	0.0	0.0	1,967.7	Linear feet

Tuolumne County

R/W:	\$449	PA&ED:	\$2,503
Const:	\$24,252	PS&E:	\$3,703
		R/W Sup:	\$270
		Con Sup:	\$4,295
Subtotal:	\$24,701		\$10,771
Total (Capital + Support):			\$35,472

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

07-Ventura-1 4.0/4.2 4930 0715000286	In Ventura County, south of Point Mugu State Park (PM 4.0) and Sycamore Canyon Road (PM 4.2). Construct secant walls at two locations as a permanent slope restoration solution to stabilize the slope and prevent continued erosion.	31820 2020-21	R/W: \$1,241 Con: \$54,615	PA&ED: \$1,200 PS&E: \$1,900 R/W Sup: \$100 Con Sup: \$4,350	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 12/1/2021
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Subtotal: \$55,856 \$7,550
Total Project Cost: \$63,406

Program 201.131 Permanent Restoration
Project Output(s) 2 Location(s)

Two previous Director Orders: EA 4X370 and EA 4X760 were executed to remove slide material and repair embankment, roadway and drainage systems. This is a Design-Build project.

Carryover

07-Ventura-118 12.0/13.2 5294 0717000333	Near Moorpark, from Sand Canyon Road to Balcom Canyon Road. Permanent restoration of slope damage by constructing retaining wall, paving shoulder, and placing Rock Slope Protection (RSP).	34290 2020-21	R/W: \$353 Con: \$5,402	PA&ED: \$850 PS&E: \$3,000 R/W Sup: \$175 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 1/4/2021 RTL: 2/10/2021 Begin Con: 8/2/2021
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Subtotal: \$5,755 \$6,025
Total Project Cost: \$11,780

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

Carryover

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 12.0/13.3 5705 0720000023	Near Somis, from Sand Canyon Road to east of Balcom Canyon Road. Slope repair due to storm damage.	36970 2021-22	R/W: \$654 Con: \$29,302	PA&ED: \$2,033 PS&E: \$2,886 R/W Sup: \$964 Con Sup: \$6,216	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 1/30/2023
<i>Carryover</i>			Subtotal: \$29,956 Total Project Cost:	\$12,099 \$42,055		

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

COLLISION REDUCTION

07-Ventura-33 18.9/19.1 5145 0716000257	Near Ojai, north of North Fork Matilija Creek Bridge No. 52-450. Widen the roadway by 4 feet, upgrade rock block barrier, and place High Friction Surface Treatment (HFST).	33230 2021-22	R/W: \$64 Con: \$3,080	PA&ED: \$660 PS&E: \$1,460 R/W Sup: \$40 Con Sup: \$1,550	Prior 20-21 20-21 21-22	PA&ED: 3/30/2021 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 7/8/2022
<i>Carryover</i>			Subtotal: \$3,144 Total Project Cost:	\$3,710 \$6,854		

Program 201.015 Collision Severity Reduction
Project Output(s) 4 Collision(s) reduced

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 0.0/R38.9 5231 0717000108	In and near various cities, at various locations, from 0.2 mile south of Lakeview Canyon Road to Hobson Road Undercrossing. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33900 2021-22	R/W: \$80 Con: \$6,470	PA&ED: \$950 PS&E: \$2,800 R/W Sup: \$35 Con Sup: \$2,000	Prior Prior 21-22 21-22	PA&ED: 12/2/2019 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 5/5/2022
<i>Carryover</i>			Subtotal: \$6,550 Total Project Cost:	\$5,785 \$12,335		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

07-Ventura-101 0.9/R39.2 5082 0716000225	In and near various cities, at various locations, from 0.2 mile north of Westlake Boulevard to 0.3 mile north of Hobson Road. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33110 2020-21	R/W: \$81 Con: \$10,171	PA&ED: \$392 PS&E: \$1,733 R/W Sup: \$20 Con Sup: \$2,413	Prior Prior Prior 20-21	PA&ED: 3/30/2019 R/W Cert: 4/5/2021 RTL: 5/5/2021 Begin Con: 10/27/2021
<i>Carryover</i>			Subtotal: \$10,252 Total Project Cost:	\$4,558 \$14,810		

Program 201.015 Collision Severity Reduction
Project Output(s) 14 Collision(s) reduced

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 1.6/11.1 5030 0716000086	In and near Thousand Oaks, from Hampshire Road to 0.3 mile north of Camarillo Springs Road; also on Route 23 from Route 101 to East Hillcrest Drive (PM R3.3/R3.7). Construct access trails and Maintenance Vehicle Pullouts (MVPs), relocate irrigation facilities, install access gates, railings and breakaway post sleeves, pave gore, narrow and slope areas.	32560 2020-21	R/W: \$20 Con: \$5,330	PA&ED: \$514 PS&E: \$1,523 R/W Sup: \$46 Con Sup: \$2,117	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 2/10/2021 RTL: 3/30/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$5,350 Total Project Cost:	\$4,200 \$9,550		
					Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access	
					Project Output(s) 101 Location(s)	

MANDATES

07-Ventura-1 0.0/28.5 5012 0716000067	In Ventura County, at various locations; also on Route 101 (PM 22.0/43.6), Route 34 (PM 4.3/17.7) and Route 150 (PM 2.5/34.4). Construct and install stormwater treatment Best Management Practices (BMPs) Including biofiltration swales, gross solid removal devices and Austin Vault Sand Filters.	32270 2021-22	R/W: \$126 Con: \$10,340	PA&ED: \$2,500 PS&E: \$2,650 R/W Sup: \$40 Con Sup: \$3,750	Prior 20-21 20-21 21-22	PA&ED: 7/2/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 7/5/2022
<i>Carryover</i>			Subtotal: \$10,466 Total Project Cost:	\$8,940 \$19,406		
					Program 201.335 Storm Water Mitigation	
					Project Output(s) 90.6 Acre(s) treated/pollutant	

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-23 0.0/24.2 5391 0718000141	In and near Thousand Oaks, Moorpark, and Fillmore, from the Los Angeles County line to Route 126. Construct stormwater Best Management Practices (BMPs).	34840 2023-24	R/W: \$3,149 Con: \$2,477	PA&ED: \$2,264 PS&E: \$2,596 R/W Sup: \$1,738 Con Sup: \$1,724	20-21 21-22 21-22 23-24	PA&ED: 3/30/2022 R/W Cert: 2/29/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$5,626 Total Project Cost:	\$8,322 \$13,948		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.1 Acre(s) treated/pollutant

07-Ventura-33 T5.7/27.0 5508 0719000009	In and near Ojai, from Casitas Vista Road to 1.2 mile north of Rose Valley Road. Construct stormwater Best Management Practices (BMPs).	35520 2023-24	R/W: \$203 Con: \$3,154	PA&ED: \$1,672 PS&E: \$1,884 R/W Sup: \$199 Con Sup: \$2,246	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 9/30/2023 RTL: 10/30/2023 Begin Con: 7/30/2024
New			Subtotal: \$3,357 Total Project Cost:	\$6,001 \$9,358		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.8 Acre(s) treated/pollutant

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-33 27.0/42.9 5523 0719000031	Near Wheeler Springs, from 1.2 miles north of Rose Valley Road to north of Pine Mountain Ridge Road; also in and near Oxnard, from Oxnard Boulevard to Route 118 (PM 0.346/R4.110). Construct stormwater Best Management Practices (BMPs).	35680 2023-24	R/W: \$2,457 Con: \$1,700	PA&ED: \$1,705 PS&E: \$1,728 R/W Sup: \$587 Con Sup: \$1,338	20-21 21-22 21-22 23-24	PA&ED: 8/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 3/30/2025
<i>New</i>			Subtotal: \$4,157 Total Project Cost:	\$5,358 \$9,515		

Program 201.335 Storm Water Mitigation
Project Output(s) 8.2 Acre(s) treated/pollutant

07-Ventura-118 1.2/1.8 5204 0716000375	Near the city of Ventura, from County Drive to Santa Clara River. Construct stormwater treatment Best Management Practices (BMPs) infiltration basin.	33600 2021-22	R/W: \$10 Con: \$6,011	PA&ED: \$950 PS&E: \$1,961 R/W Sup: \$44 Con Sup: \$1,680	Prior Prior Prior 21-22	PA&ED: 9/15/2021 R/W Cert: 3/18/2022 RTL: 3/30/2022 Begin Con: 11/15/2022
<i>Carryover</i>			Subtotal: \$6,021 Total Project Cost:	\$4,635 \$10,656		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-126 R13.2/R34.5 5519 0719000023	In and near Santa Paula and Fillmore, from South Hallock Drive to the Los Angeles County line. Construct stormwater Best Management Practices (BMPs)	35650 2023-24	R/W: \$354 Con: \$5,364	PA&ED: \$2,406 PS&E: \$3,490 R/W Sup: \$357 Con Sup: \$2,221	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 8/30/2023 RTL: 9/30/2023 Begin Con: 4/30/2024
<i>New</i>			Subtotal: \$5,718	\$8,474		
			Total Project Cost:	\$14,192		

Program 201.335 Storm Water Mitigation
Project Output(s) 59.7 Acre(s) treated/pollutant

07-Ventura-118 0.5/T18.8 5233 0717000119	In and near Ventura and Moorpark, from North Route 126 Junction (PM 0.516) to 0.3 mile west of Princeton Avenue. Reconstruct curb ramps, install Accessible Pedestrian Signals (APS) and upgrade thermoplastic pavement marking crosswalks.	33920 2021-22	R/W: \$55 Con: \$1,200	PA&ED: \$1,000 PS&E: \$500 R/W Sup: \$24 Con Sup: \$400	Prior 20-21 20-21 21-22	PA&ED: 9/11/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$1,255	\$1,924		
			Total Project Cost:	\$3,179		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 33 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	33.0	33.0	Each
Post Condition	33.0	0.0	0.0	33.0	Each

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 16.6/34.4 4746 0714000179	In and near cities of Ojai and Santa Paula, from Route 33 to Route 126. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30670 2021-22	R/W: \$556 Con: \$4,549	PA&ED: \$908 PS&E: \$1,000 R/W Sup: \$100 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 4/17/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/2/2022
Carryover			Subtotal: \$5,105 Total Project Cost:	\$3,008 \$8,113		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 134 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	134.0	134.0	Each
Post Condition	134.0	0.0	0.0	134.0	Each

BRIDGE PRESERVATION

07-Ventura-1 21.5 4972 0716000025	Near the city of Ventura, at Ventura Overhead No. 52-0040. Replace corroded steel spans of bridge and upgrade bridge railing to current standards.	31960 2021-22	R/W: \$983 Con: \$3,565	PA&ED: \$1,200 PS&E: \$2,500 R/W Sup: \$540 Con Sup: \$1,650	Prior Prior Prior 21-22	PA&ED: 6/26/2019 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 8/15/2022
Carryover			Subtotal: \$4,548 Total Project Cost:	\$5,890 \$10,438		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	27,373.0	0.0	27,373.0	Square feet
Post Condition	27,373.0	0.0	0.0	27,373.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 52-0040	Fair	Good

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-1 28.2 4601 0713000099	Near Sea Cliff, at Willow Creek Bridge No. 52-003; also in Ojai, on Route 33 at North Fork Matilija Bridges No. 52 -0044 (PM 15.8) and No. 52-0173 (PM16.1). Upgrade bridge railings to meet current standards.	29650 2020-21	R/W: \$818 Con: \$2,657	PA&ED: \$958 PS&E: \$2,300 R/W Sup: \$465 Con Sup: \$2,000	Prior 20-21 20-21 20-21	PA&ED: 9/23/2019 R/W Cert: 4/30/2021 RTL: 6/1/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$3,475 Total Project Cost:	\$5,723 \$9,198		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 724.0 Linear feet rail
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	724.0	724.0	Linear feet rail
Post Condition	724.0	0.0	0.0	724.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 52-0003	Good	Good
Bridge No. 52-0044	Good	Good
Bridge No. 52-0173	Fair	Good

07-Ventura-33 16.1 5008 0716000060	Near Ojai, at North Fork Matilija Creek No. 52-0173. Paint steel portion of bridge and replace missing rivets of bottom flanges for preventative maintenance to preserve and extend the life of bridge.	32300 2021-22	R/W: \$30 Con: \$660	PA&ED: \$320 PS&E: \$850 R/W Sup: \$50 Con Sup: \$620	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 7/21/2021 RTL: 8/15/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$690 Total Project Cost:	\$1,840 \$2,530		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 1 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,636.0	1,636.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 52-0173	Fair	Good

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

07-Ventura-1 21.3/28.4 5018 0716000072	In the city of Ventura, from North 101 Junction - Solimar Undercrossing to Mobil Pier Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks.	32390 2021-22	R/W: \$14 Con: \$10,200	PA&ED: \$625 PS&E: \$1,850 R/W Sup: \$60 Con Sup: \$3,350	Prior 20-21 20-21 21-22	PA&ED: 7/15/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 8/5/2022
<i>Carryover</i>			Subtotal: \$10,214	\$5,885		
			Total Project Cost:	\$16,099		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.2	0.0	14.2	Lane mile(s)
Post Condition	14.2	0.0	0.0	14.2	Lane mile(s)

07-Ventura-34 6.3/17.7 5515 0719000019	In and near Camarillo, from Rice Avenue to Route 118 (PM 17.663). Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35590 2023-24	R/W: \$484 * Con: \$26,040	PA&ED: \$1,598 PS&E: \$3,464 R/W Sup: \$2,125 * Con Sup: \$4,281	20-21 21-22 22-23 23-24	PA&ED: 11/30/2021 R/W Cert: 4/15/2024 RTL: 5/15/2024 Begin Con: 2/19/2025
<i>New</i>			Subtotal: \$26,524	\$11,468		
			Total Project Cost:	\$37,992		

** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.5	0.0	22.5	Lane mile(s)
Post Condition	22.5	0.0	0.0	22.5	Lane mile(s)

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 15.6/R17.9 5432 0718000204	In Moorpark, from Montair Drive to Spring Road. Rehabilitate pavement, upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35170 2023-24	R/W: \$1,412 Con: \$16,744	PA&ED: \$1,260 PS&E: \$3,220 R/W Sup: \$1,764 Con Sup: \$2,620	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 3/22/2024 RTL: 3/29/2024 Begin Con: 11/15/2024
New			Subtotal: \$18,156	\$8,864		
			Total Project Cost:	\$27,020		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	5.0	3.2	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

07-Ventura-150 R13.3/19.0 5014 0716000069	In and near Ojai and Mira Monte, from Burham Road to Gorham Road. Cold plane and overlay pavement, upgrade guardrail and signs.	32370 2020-21	R/W: \$221 Con: \$5,588	PA&ED: \$600 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$1,700	Prior Prior Prior 20-21	PA&ED: 9/18/2019 R/W Cert: 6/1/2021 RTL: 6/15/2021 Begin Con: 2/15/2022
Carryover			Subtotal: \$5,809	\$4,050		
			Total Project Cost:	\$9,859		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.4	0.0	11.4	Lane mile(s)
Post Condition	11.4	0.0	0.0	11.4	Lane mile(s)

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 31.3/34.4 5353 0718000061	In and near Santa Paula, from north of Bridge Road to Route 126 (PM 34.398). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate Transportation Management System (TMS) elements, and upgrade guardrail.	34450 2023-24	R/W: \$2,146 Con: \$6,358	PA&ED: \$687 PS&E: \$2,795 R/W Sup: \$2,522 Con Sup: \$1,809	20-21 21-22 21-22 23-24	PA&ED: 9/21/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 11/11/2024
New			Subtotal: \$8,504 Total Project Cost:	\$7,813 \$16,317		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.1	0.2	6.3	Lane mile(s)
Post Condition	6.3	0.0	0.0	6.3	Lane mile(s)

07-Ventura-232 0.4/R4.1 5373 0718000079	In and near Oxnard, from Route 101 to Route 118. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34680 2023-24	R/W: \$693 Con: \$9,982	PA&ED: \$768 PS&E: \$2,840 R/W Sup: \$472 Con Sup: \$2,859	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$10,675 Total Project Cost:	\$6,939 \$17,614		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.2	1.5	14.7	Lane mile(s)
Post Condition	14.7	0.0	0.0	14.7	Lane mile(s)

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

07-Ventura-23 R3.6/T11.6 5365 0718000072	In Ventura and Los Angeles Counties, on various routes at various locations. Upgrade and install new Transportation Management System (TMS) elements, install Maintenance Vehicle Pullouts (MVPs), and upgrade communication system at the Los Angeles Regional Transportation Management Center (LARTMC). (G13 Contingency)	34620 2022-23	R/W: \$22 * Con: \$22,324	PA&ED: \$1,112 PS&E: \$3,517 R/W Sup: \$47 * Con Sup: \$5,345	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 2/28/2023 RTL: 3/30/2023 Begin Con: 12/30/2023
New			Subtotal: \$22,346	\$10,021		
			Total Project Cost:	\$32,367		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.315 Transportation Management Systems		
			Project Output(s)	44 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%	100.0%	36	Field element(s)
Post Condition	100.0%	0.0%	44	Field element(s)

07-Ventura-101 9.0/9.2 5081 0716000220	In Thousand Oaks and Camarillo, from Wendy Drive to Pleasant Valley Road, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace concrete slabs and repair and replace asphalt concrete.	33100 2020-21	R/W: \$8 Con: \$2,006	PA&ED: PS&E: \$1,550 R/W Sup: \$20 Con Sup: \$850	Prior Prior 20-21	PA&ED: 6/29/2016 R/W Cert: 7/10/2020 RTL: 8/10/2020 Begin Con: 6/8/2021
Carryover			Subtotal: \$2,014	\$2,420		
			Total Project Cost:	\$4,434		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

**2020 SHOPP Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 13.3/15.6 5255 0717000194	In and near Moorpark, at the eastbound and westbound Commercial Vehicle Enforcement Facilities. Construct new modular office facility and install overhead truck scale on/off message signs.	34160 2021-22	R/W: \$181 Con: \$2,591	PA&ED: \$300 PS&E: \$800 R/W Sup: \$16 Con Sup: \$1,302	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 7/30/2021 RTL: 10/15/2021 Begin Con: 4/29/2022
Carryover			Subtotal: \$2,772	\$2,418		
			Total Project Cost:	\$5,190		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

Ventura County

R/W:	\$16,415	PA&ED:	\$29,432
Const:	\$257,880	PS&E:	\$58,297
		R/W Sup:	\$12,800
		Con Sup:	\$63,391
Subtotal:	\$274,295		\$163,920
Total (Capital + Support):			\$438,215

2020 SHOPP Project List
Yolo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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COLLISION REDUCTION

03-Yolo-16 27.5/28.3 8663 0318000208	In Esparto, from Orleans Street to County Road 21A. Improve pedestrian safety by improving crosswalks, curb bulb-outs, and lighting.	4F171 2020-21	R/W: \$479 Con: \$3,468	PA&ED: \$380 PS&E: \$1,060 R/W Sup: \$990 Con Sup: \$790	Prior Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 9/14/2020 RTL: 10/1/2020 Begin Con: 2/4/2021
<i>Carryover</i>			Subtotal: \$3,947	\$3,220		
			Total Project Cost:	\$7,167		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

03-Yolo-50 0.0/3.0 3318 0317000011	In West Sacramento, from 0.4 mile west of Route 50/80 Separation to 0.2 mile west of Sacramento County line; also on Route 80 from 0.2 mile west of Enterprise Boulevard to 0.1 mile east of Lake Washington Overhead (PM 9.0/R10.7). Upgrade guardrail to make standard.	1H870 2020-21	R/W: \$21 Con: \$2,077	PA&ED: \$271 PS&E: \$461 R/W Sup: \$129 Con Sup: \$570	Prior Prior Prior 20-21	PA&ED: 8/15/2019 R/W Cert: 7/15/2020 RTL: 7/15/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$2,098	\$1,431		
			Total Project Cost:	\$3,529		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

2020 SHOPP Project List
Yolo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-Yolo-80 4.3/R11.4 8784 0314000233	In and near West Sacramento, from east of Mace Boulevard to Sacramento River Bridge; also on Route 50, from Route 80 to Jefferson Boulevard Overcrossing (PM 0.0/2.5).	4F650 2023-24	R/W: \$866 * Con: \$239,000	PA&ED: \$10,337 PS&E: \$14,820 R/W Sup: \$4,010 * Con Sup: \$25,530	Prior 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
<i>Carryover</i>	Rehabilitate pavement by placing Continuous Reinforced Concrete and asphalt pavement, rehabilitate bridge decks, median widening at three locations, and upgrade bridge railings.		Subtotal: \$239,866	\$54,697		
			Total Project Cost:	\$294,563		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.120 Roadway Rehabilitation (3R)		
			Project Output(s)	48.0 Lane mile(s)		
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	43.8	3.1	48.0	Lane mile(s)
Post Condition	48.0	0.0	0.0	48.0	Lane mile(s)

Yolo County

R/W:	\$1,366	PA&ED:	\$10,988
Const:	\$244,545	PS&E:	\$16,341
		R/W Sup:	\$5,129
		Con Sup:	\$26,890

Subtotal:	\$245,911	\$59,348
Total (Capital + Support):	\$305,259	

2020 SHOPP Project List
Yuba
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Yuba-20 0.1 8140 0313000033	In Marysville, at the Feather River Bridge No. 18-009. Scour mitigation and retrofit piers.	3F560 2020-21	R/W: \$1,887 Con: \$26,441	PA&ED: \$1,240 PS&E: \$2,700 R/W Sup: \$200 Con Sup: \$4,100	Prior 20-21 20-21 20-21	PA&ED: 1/25/2019 R/W Cert: 8/15/2020 RTL: 9/1/2020 Begin Con: 12/20/2020
			Subtotal: \$28,328	\$8,240		
<i>Carryover</i>			Total Project Cost:	\$36,568		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 1 Bridge(s)

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	182,470.0	182,470.0	Square feet
Post Condition	182,470.0	0.0	0.0	182,470.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 18-0009	Good	Good

03-Yuba-1 R11.2/13.5 9822 0316000082	Near Marysville, at Feather River Boulevard Overcrossing No. 16-0033 (PM 13.01) and South Marysville Undercrossing No. 16-0035 (PM 13.23). Upgrade bridge rails and construct median concrete barrier between project limits.	1H270 2022-23	R/W: \$10 Con: \$9,700	PA&ED: \$900 PS&E: \$1,540 R/W Sup: \$30 Con Sup: \$1,290	20-21 20-21 20-21 22-23	PA&ED: 1/4/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 2/1/2023
			Subtotal: \$9,710	\$3,760		
<i>New</i>			Total Project Cost:	\$13,470		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 808.0 Linear feet rail
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	808.0	808.0	Linear feet rail
Post Condition	808.0	0.0	0.0	808.0	Linear feet rail

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 16-0033	Good	Good
Bridge No. 16-0035	Good	Good

**2020 SHOPP Project List
Yuba
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

03-Yuba-70 14.8/15.7 9820 0315000082	In and near Marysville, from south of 14th Street to north of Cemetery Road. Roadway rehabilitation.	0H160 2021-22	R/W: \$5,000 * Con: \$85,000	PA&ED: \$3,000 PS&E: \$3,500 R/W Sup: \$2,500 * Con Sup: \$12,000	Prior Prior Prior 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 7/25/2022
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(G13 Contingency)

Subtotal: \$90,000 \$21,000
Total Project Cost: \$111,000

Carryover

* Construction Capital and * Construction Support phases are NOT authorized

SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)

Project Output(s) 2.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.4	0.0	2.4	Lane mile(s)
Post Condition	2.4	0.0	0.0	2.4	Lane mile(s)

03-Yuba-65 R0.5/1.8 9732 0315000151	In and near Wheatland, from north of State Street to north of Evergreen Drive. Rehabilitate pavement, add bike lanes, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0H370 2022-23	R/W: \$270 Con: \$4,400	PA&ED: \$400 PS&E: \$830 R/W Sup: \$510 Con Sup: \$580	20-21 20-21 20-21 22-23	PA&ED: 4/29/2021 R/W Cert: 2/20/2023 RTL: 3/1/2023 Begin Con: 8/1/2023
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New

Subtotal: \$4,670 \$2,320
Total Project Cost: \$6,990

Program 201.121 Pavement Rehabilitation (CAPM)

Project Output(s) 2.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	0.7	0.7	2.5	Lane mile(s)
Post Condition	2.5	0.0	0.0	2.5	Lane mile(s)

2020 SHOPP Project List
Yuba
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Yuba County

			R/W: \$7,167	PA&ED: \$5,540		
			Const: \$125,541	PS&E: \$8,570		
				R/W Sup: \$3,240		
				Con Sup: \$17,970		
			<hr/>			
			Subtotal: \$132,708	\$35,320		
			Total (Capital + Support):	\$168,028		

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[EXHIBIT I: 2020 SHOPP Long Lead Projects](#)

Long Lead Project List

SHOPP Long Lead projects, which require more than four years to develop due to complex environmental and preliminary engineering work.

**2020 SHOPP Long Lead Project List
Alpine
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

10-Alpine-4	Near Loope, from 1.6 miles west of	1F720	R/W: \$395	* PA&ED: \$1,328	20-21	PA&ED: 9/20/2022
26.8/31.2	Wolf Creek Road to west of Route 89;	2024-25	Con: \$3,320	PS&E: \$840	22-23	R/W Cert: 1/21/2025
3406	also on Route 88 and Route 89 at			R/W Sup: \$642	22-23	RTL: 2/20/2025
1017000180	various locations. Rehabilitate			Con Sup: \$1,226	24-25	Begin Con: 9/25/2025
	drainage systems.					
			Subtotal: \$3,715	\$4,036		
			Total Project Cost:	\$7,751		
			* PA&ED phase is authorized			

New Long
Lead

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 36 Culvert(s) (ea)

Note: Presence of historic properties and endangered species require extensive environmental consultations and clearances. A total of 19 parcels are anticipated to be acquired, and may delay schedule.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	714.7	1,719.3	2,434.0	Linear feet
Post Condition	2,434.0	0.0	0.0	2,434.0	Linear feet

Alpine County

R/W:	\$395	PA&ED:	\$1,328
Const:	\$3,320	PS&E:	\$840
		R/W Sup:	\$642
		Con Sup:	\$1,226

Subtotal: \$3,715 \$4,036
Total (Capital + Support): \$7,751

2020 SHOPP Long Lead Project List Calaveras

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MOBILITY

10-Calaveras-49	In Angels Camp, on Main Street from north of Stockton Road to north of Francis Street; also on Route 49 from 0.2 miles west and east of Main Street (PM R20.9/R21.3). Construct roundabouts, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance pedestrian and bicyclist safety.	1H010 2024-25	R/W: \$3,201 Const: \$8,852	* PA&ED: \$1,727 PS&E: \$2,158 R/W Sup: \$1,248 Con Sup: \$1,479	20-21 22-23 22-23 24-25	PA&ED: 7/29/2022 R/W Cert: 5/2/2025 RTL: 5/30/2025 Begin Con: 12/30/2025
			Subtotal: \$12,053		\$6,612	
			Total Project Cost:		\$18,665	

** PA&ED phase is authorized*

(Long Lead Project)

Program 201.310 Operational Improvements
Project Output(s) 204 Daily vehicle hour(s) of delay

Note: Presence of historic properties and cultural resources require extensive environmental consultations and clearances. A total of 41 parcels are potentially impacted.

Calaveras County					
			R/W: \$3,201	PA&ED: \$1,727	
			Const: \$8,852	PS&E: \$2,158	
				R/W Sup: \$1,248	
				Con Sup: \$1,479	
			Subtotal: \$12,053		\$6,612
			Total (Capital + Support):		\$18,665

**2020 SHOPP Long Lead Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MAJOR DAMAGE RESTORATION

01-Del Norte-101 12.0/15.5 1112 0115000099	Near Crescent City, at Last Chance Grade, from Wilson Creek Bridge to 3.8 miles north of Wilson Creek Bridge. Permanent roadway restoration and realignment.	0F280 2030-31	* R/W: \$75 Con:	* PA&ED: \$10,000 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 2/16/2026 R/W Cert: 7/1/2030 RTL: 9/2/2030 Begin Con: 6/16/2031
Carryover Long Lead	(Long Lead Project)			Subtotal: \$75 Total Project Cost: \$10,075 * R/W, * PA&ED phase is authorized		

Approximate project estimates: PA&ED \$50,000,000, R/W \$89,600,000, Con \$1,610,000,000.

Program 201.131 Permanent Restoration
Project Output(s) 1 Location(s)

Note: Complex and lengthy environmental consultation and permitting due to significant modification to existing infrastructure and remote location along the coastline. Due to complex structural design, longer design time is anticipated.

ROADWAY PRESERVATION

01-Del Norte-101 R3.9/23.6 1129 0118000190	Near Klamath and Crescent City, from south of Klamath River Bridge to south of Humboldt Road/Enderts Beach Road. Rehabilitate pavement and upgrade signs, guardrail, and Transportation Management System (TMS) elements.	0J210 2024-25	R/W: \$52 Con: \$37,221	* PA&ED: \$1,231 PS&E: \$1,121 R/W Sup: \$35 Con Sup: \$2,900	20-21 21-22 21-22 24-25	PA&ED: 10/7/2022 R/W Cert: 7/1/2024 RTL: 7/15/2024 Begin Con: 4/5/2025
New Long Lead	(Long Lead Project)			Subtotal: \$37,273 Total Project Cost: \$42,560 * PA&ED phase is authorized		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 45.2 Lane mile(s)

Note: Lengthy environmental studies and permitting anticipated. The project is located in the coastal zone, crosses the Yurok Reservation, and there are known endangered species within project limits.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45.2	0.0	45.2	Lane mile(s)
Post Condition	45.2	0.0	0.0	45.2	Lane mile(s)

**2020 SHOPP Long Lead Project List
Del Norte
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Del Norte County

			R/W: \$127	PA&ED: \$11,231		
			Const: \$37,221	PS&E: \$1,121		
				R/W Sup: \$35		
				Con Sup: \$2,900		
			Subtotal: \$37,348	\$15,287		
			Total (Capital + Support):	\$52,635		

**2020 SHOPP Long Lead Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

06-Fresno-33 14.7/16.7 6927 0618000050	In and near Coalinga, from south of Merced Avenue to north of Cambridge Avenue. Rehabilitate pavement, replace signs, upgrade guardrail and facilities to Americans with Disabilities Act (ADA) standards, and install Transportation Management System (TMS) elements.	0X290	R/W: \$1,200	* PA&ED: \$1,700	20-21	PA&ED: 12/15/2022
		2024-25	Con: \$8,300	PS&E: \$1,500	22-23	R/W Cert: 10/16/2024
				R/W Sup: \$2,000	22-23	RTL: 11/15/2024
				Con Sup: \$1,800	24-25	Begin Con: 5/22/2025
			Subtotal: \$9,500	\$7,000		
			Total Project Cost:	\$16,500		

New Long
Lead

* PA&ED phase is authorized

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 6.3 Lane mile(s)

Note: Complexity and duration of environmental permitting due to potential impacts to cultural prehistoric and historic archaeological resources. As well, at least 26 parcels will be affected by the construction of ADA ramps, and will delay schedule.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.3	0.0	6.3	Lane mile(s)
Post Condition	6.3	0.0	0.0	6.3	Lane mile(s)

06-Fresno-168 R8.3/45.8 6992 0618000041	In and near Clovis, from Fowler Avenue to east of Warbler Lane near Shaver Lake (PM R8.28/45.8) at various locations. Rehabilitate drainage systems.	0X220	R/W: \$270	* PA&ED: \$4,500	20-21	PA&ED: 3/13/2023
		2024-25	Con: \$17,800	PS&E: \$1,900	22-23	R/W Cert: 11/17/2024
				R/W Sup: \$1,000	22-23	RTL: 12/2/2024
				Con Sup: \$2,700	24-25	Begin Con: 6/9/2025
			Subtotal: \$18,070	\$10,100		
			Total Project Cost:	\$28,170		

New Long
Lead

* PA&ED phase is authorized

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 151 Culvert(s) (ea)

Note: Complexity and duration of environmental permitting due to potential impacts to cultural resources. Project involves 40 affected parcels.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,800.0	13,800.0	Linear feet
Post Condition	13,800.0	0.0	0.0	13,800.0	Linear feet

**2020 SHOPP Long Lead Project List
Fresno
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Fresno County

			R/W: \$1,470	PA&ED: \$6,200		
			Const: \$26,100	PS&E: \$3,400		
				R/W Sup: \$3,000		
				Con Sup: \$4,500		
			Subtotal: \$27,570		\$17,100	
			Total (Capital + Support):		\$44,670	

**2020 SHOPP Long Lead Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

01-Humboldt-101 M53.9 2301B 0116000148	In Rio Dell, at Eel River Bridge No. 04 -0016R. Seismic retrofit. (Long Lead Project)	0A111 2024-25	R/W: \$44 Con: \$26,813	* PA&ED: \$5,433 PS&E: \$5,113 R/W Sup: \$216 Con Sup: \$4,632	Prior 22-23 22-23 24-25	PA&ED: 12/16/2022 R/W Cert: 5/16/2025 RTL: 6/6/2025 Begin Con: 12/17/2025
			Subtotal: \$26,857	\$15,394		
Carryover Long Lead			Total Project Cost:	\$42,251		

* PA&ED phase is authorized

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Note: Complex and lengthy environmental consultation and permitting due to work across the main channel and presence of endangered species.

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	64,314.0	64,314.0	Square feet
Post Condition	64,314.0	0.0	0.0	64,314.0	Square feet

01-Humboldt-101 79.5/80.2 2417 0115000088	In Eureka, at the Eureka Slough Bridge No. 04-0022L. Seismic retrofit. (Long Lead Project)	0F200 2026-27	R/W: \$3,837 Con: \$3,695	* PA&ED: \$709 PS&E: \$1,574 R/W Sup: \$75 Con Sup: \$1,206	Prior 24-25 24-25 26-27	PA&ED: 9/16/2024 R/W Cert: 10/6/2026 RTL: 6/1/2027 Begin Con: 10/20/2027
			Subtotal: \$7,532	\$3,564		
Carryover Long Lead			Total Project Cost:	\$11,096		

* PA&ED phase is authorized

Program 201.113 Bridge Seismic Restoration
Project Output(s) 1 Bridge(s)

Note: Complex and lengthy environmental permitting due to impacts to permanent wetlands.

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	31,893.0	31,893.0	Square feet
Post Condition	31,893.0	0.0	0.0	31,893.0	Square feet

**2020 SHOPP Long Lead Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

01-Humboldt-101 56.6/R137.1 2498 0117000246	In and near Fortuna, Eureka, Arcata, and Trinidad, from 1.0 mile south of Route 36/Fowler Lane to Del Norte County line at various locations. Replace and rehabilitate culverts, construct and repair Transportation Management System (TMS) elements, and replace lighting.	0H650 2024-25	R/W: \$1,175 Con: \$16,193	* PA&ED: \$1,560 PS&E: \$1,368 R/W Sup: \$426 Con Sup: \$2,524	20-21 22-23 22-23 24-25	PA&ED: 5/19/2023 R/W Cert: 8/15/2024 RTL: 9/1/2024 Begin Con: 2/5/2025
			Subtotal: \$17,368	\$5,878		
New Long Lead			Total Project Cost: \$23,246			
			* PA&ED phase is authorized			

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 74 Culvert(s) (ea)

Note: Complexity of environmental clearance at environmentally sensitive locations and lengthy railroad coordination is anticipated.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	104.0	328.0	7,535.0	7,967.0	Linear feet
Post Condition	8,067.0	0.0	0.0	8,067.0	Linear feet

01-Humboldt-254 0.0/43.0 2484 0117000140	Near Weott and Miranda, from north of Route 101 to 1.9 miles north of Holmes Flat Road at various locations. Rehabilitate culverts, reduce sediment loads to South Fork Eel River, and remove fish passage barriers.	0H240 2025-26	R/W: \$700 Con: \$23,757	* PA&ED: \$4,477 PS&E: \$2,692 R/W Sup: \$1,069 Con Sup: \$4,025	20-21 23-24 23-24 25-26	PA&ED: 6/3/2024 R/W Cert: 2/16/2026 RTL: 3/2/2026 Begin Con: 7/22/2026
			Subtotal: \$24,457	\$12,263		
New Long Lead			Total Project Cost: \$36,720			
			* PA&ED phase is authorized			

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 44 Culvert(s) (ea)

Note: Complex and lengthy environmental permitting due to significant mitigation work.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	117.0	196.0	2,468.0	2,781.0	Linear feet
Post Condition	3,176.0	0.0	0.0	3,176.0	Linear feet

**2020 SHOPP Long Lead Project List
Humboldt**
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Humboldt County

			R/W: \$5,756	PA&ED: \$12,179		
			Const: \$70,458	PS&E: \$10,747		
				R/W Sup: \$1,786		
				Con Sup: \$12,387		
			Subtotal: \$76,214	\$37,099		
			Total (Capital + Support):	\$113,313		

**2020 SHOPP Long Lead Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

09-Kern-14	Near Mojave, from 0.5 mile north of	37520	R/W: \$915	* PA&ED: \$1,694	21-22	PA&ED: 6/1/2023
R12.6/16.7	Silver Queen Road to 0.6 mile north of	2026-27	Con: \$36,034	PS&E: \$1,681	23-24	R/W Cert: 11/10/2026
2654	Business Route 58 (north).			R/W Sup: \$4,085	23-24	RTL: 11/15/2026
0918000036	Rehabilitate roadway, install			Con Sup: \$3,149	26-27	Begin Con: 5/6/2027
	Transportation Management System		Subtotal: \$36,949	\$10,609		
New Long Lead	(TMS) elements, upgrade facilities to Americans with Disabilities Act (ADA) standards, replace bridge railing, and enhance highway worker safety.		Total Project Cost:	\$47,558		

* PA&ED phase is authorized

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 21.0 Lane mile(s)

Note: Requires lengthy railroad coordination and utility relocations.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.8	3.2	21.0	Lane mile(s)
Post Condition	21.0	0.0	0.0	21.0	Lane mile(s)

06-Kern-99	In and near Bakersfield, from White	OX370	R/W: \$20	* PA&ED: \$5,000	20-21	PA&ED: 10/3/2022
21.2/24.6	Lane to California Avenue.	2025-26	Con: \$42,000	PS&E: \$7,000	22-23	R/W Cert: 7/1/2025
6958	Rehabilitate roadway, upgrade			R/W Sup: \$270	22-23	RTL: 7/15/2025
0618000059	lighting, replace signs, rehabilitate			Con Sup: \$14,000	25-26	Begin Con: 4/1/2026
	drainage systems, and upgrade		Subtotal: \$42,020	\$26,270		
New Long Lead	Transportation Management System (TMS) elements. (Additional \$30,000,000 from local contribution)		Total Project Cost:	\$68,290		

* PA&ED phase is authorized

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 20.6 Lane mile(s)

Note: Complexity and duration of environmental permitting due to endangered species and financial coordination with local agencies.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	16.6	2.3	20.6	Lane mile(s)
Post Condition	18.3	2.3	0.0	20.6	Lane mile(s)

**2020 SHOPP Long Lead Project List
Kern
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
06-Kern-5 4.4/10.2 6980 0618000063	Near Grapevine, from south of Fort Tejon Road to Grapevine Road Undercrossing. Rehabilitate roadway, replace signs, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems and lighting.	0W920 2024-25	R/W: \$100 Con: \$80,969	* PA&ED: \$2,908 PS&E: \$3,252 R/W Sup: \$101 Con Sup: \$8,328	20-21 23-24 23-24 24-25	PA&ED: 7/3/2023 R/W Cert: 7/3/2024 RTL: 8/15/2024 Begin Con: 3/3/2025	
<i>New Long Lead</i>			Subtotal: \$81,069	\$14,589			
			Total Project Cost:	\$95,658			
			<i>* PA&ED phase is authorized</i>				

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 23.2 Lane mile(s)

Note: Complexity and duration of environmental permitting due to endangered species, potential nesting bird, and coordination with permitting agencies.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	23.0	0.1	23.2	Lane mile(s)
Post Condition	23.2	0.0	0.0	23.2	Lane mile(s)

09-Kern-58 77.2/R88.6 2668 0919000006	Near Tehachapi, from east of Bealville Road to 3.4 miles east of Broome Road. Rehabilitate roadway, install Transportation Management System (TMS) elements, upgrade lighting, median barrier, guardrail, bridge railing, rehabilitate drainage systems, and enhance highway worker safety.	37920 2024-25	R/W: \$2,112 Con: \$145,856	* PA&ED: \$2,997 PS&E: \$3,117 R/W Sup: \$1,079 Con Sup: \$10,354	20-21 21-22 21-22 24-25	PA&ED: 6/2/2022 R/W Cert: 10/4/2024 RTL: 10/7/2024 Begin Con: 3/24/2025
<i>New Long Lead</i>			Subtotal: \$147,968	\$17,547		
			Total Project Cost:	\$165,515		
			<i>* PA&ED phase is authorized</i>			

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 44.8 Lane mile(s)

Note: Requires lengthy railroad coordination and potential right of way issues.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.6	36.5	3.7	44.8	Lane mile(s)
Post Condition	44.8	0.0	0.0	44.8	Lane mile(s)

2020 SHOPP Long Lead Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Kern County

			R/W: \$3,147	PA&ED: \$12,599		
			Const: \$304,859	PS&E: \$15,050		
				R/W Sup: \$5,535		
				Con Sup: \$35,831		
			Subtotal: \$308,006	\$69,015		
			Total (Capital + Support):	\$377,021		

2020 SHOPP Long Lead Project List
Kings
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

06-Kings-41	Near Kettleman City, from Kern	0Y170	R/W: \$30	* PA&ED: \$1,400	20-21	PA&ED: 11/1/2022
0.0/15.5	County line to 0.5 mile south of Route	2024-25	Con: \$18,500	PS&E: \$1,700	22-23	R/W Cert: 7/1/2024
6988	5. Rehabilitate pavement, construct			R/W Sup: \$60	22-23	RTL: 7/15/2024
0619000004	rumble strips, and rehabilitate sign			Con Sup: \$2,800	24-25	Begin Con: 1/15/2025
	structures and drainage systems.					
			Subtotal: \$18,530	\$5,960		
			Total Project Cost:	\$24,490		
			* PA&ED phase is authorized			
New Long Lead	(Long Lead Project)					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.2 Lane mile(s)

Note: Complexity and duration of environmental permitting due to presence of biological and cultural resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.4	26.8	0.0	31.2	Lane mile(s)
Post Condition	31.2	0.0	0.0	31.2	Lane mile(s)

Kings County

R/W:	\$30	PA&ED:	\$1,400
Const:	\$18,500	PS&E:	\$1,700
		R/W Sup:	\$60
		Con Sup:	\$2,800
Subtotal:	\$18,530		\$5,960
Total (Capital + Support):			\$24,490

**2020 SHOPP Long Lead Project List
Los Angeles
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PROTECTIVE BETTERMENTS

07-Los Angeles-39 40.0/44.4 5381 0718000117	Near Falling Springs, from 1.8 miles north of Crystal Lake Road to Route 2. Rehabilitate and reopen a 4.4 mile segment of Route 39.	34770 2026-27	R/W: \$100 Con: \$35,000	* PA&ED: \$7,900 PS&E: \$7,000 R/W Sup: \$100 Con Sup: \$7,000	20-21 24-25 24-25 26-27	PA&ED: 7/17/2024 R/W Cert: 8/14/2026 RTL: 10/14/2026 Begin Con: 5/14/2027
<i>New Long Lead</i>	(Long Lead Project)		Subtotal: \$35,100	\$22,000		
			Total Project Cost:	\$57,100		

** PA&ED phase is authorized*

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Note: Complex environmental issues due to the protected species, Nelson's Bighorn Sheep. This leads to risks to cost and schedule, as well as constructability concerns.

Los Angeles County

R/W:	\$100	PA&ED:	\$7,900
Const:	\$35,000	PS&E:	\$7,000
		R/W Sup:	\$100
		Con Sup:	\$7,000
Subtotal:	\$35,100		\$22,000
Total (Capital + Support):			\$57,100

**2020 SHOPP Long Lead Project List
Marin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MULTIPLE OBJECTIVE

04-Marin-37	In and near Novato, from Route 101 to Sonoma County line; also in Sonoma County on Route 37, from Marin County line to Route 121 (PM 0.0/3.9). Reconstruct the roadway to address sea level rise and recurrent flooding.	4Q320	R/W: \$19,700	* PA&ED: \$10,000	Prior	PA&ED: 1/15/2023
R11.2/14.6		2030-31	Con: \$820,500	PS&E: \$15,000	26-27	R/W Cert: 5/15/2030
5200				R/W Sup: \$2,000	30-31	RTL: 7/15/2030
0419000376				Con Sup: \$16,900	30-31	Begin Con: 5/1/2031
<i>Carryover Long Lead</i>			Subtotal: \$840,200	\$43,900		
			Total Project Cost:	\$884,100		

** PA&ED phase is authorized*

(Long Lead Project)

Program 201.999 Multiple Objective
Project Output(s) 7.3 Centerline mile(s)

Note: Studies for long-term improvements to address the sea level rise and recurrent flooding, complex environmental studies including lengthy coordination with multiple agencies, and substantial coordination with railroad, utility companies and adjacent owners.

Marin County

R/W:	\$19,700	PA&ED:	\$10,000
Const:	\$820,500	PS&E:	\$15,000
		R/W Sup:	\$2,000
		Con Sup:	\$16,900

Subtotal: \$840,200 \$43,900
Total (Capital + Support): \$884,100

**2020 SHOPP Long Lead Project List
Mariposa
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-Mariposa-140	Near Midpines, at Slate Gulch Bridge	0X760	R/W: \$220	* PA&ED: \$4,520	20-21	PA&ED: 1/2/2024
37.0/43.3	No. 40-0006, Sweetwater Creek	2025-26	Con: \$22,810	PS&E: \$4,300	23-24	R/W Cert: 2/2/2026
3299	Bridge No. 40-0007, and South Fork			R/W Sup: \$400	23-24	RTL: 3/2/2026
1013000010	Merced River Bridge No. 40-0008.			Con Sup: \$8,810	25-26	Begin Con: 9/1/2026
	Replace bridges.					
			Subtotal: \$23,030		\$18,030	
			Total Project Cost:		\$41,060	
			* PA&ED phase is authorized			

New Long
Lead

(Long Lead Project)

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

Note: The duration of environmental requirement for a Wild and Scenic River report will take over 40 months to complete.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	13,540.0	9,224.0	7,588.0	30,352.0	Square feet
Post Condition	30,352.0	0.0	0.0	30,352.0	Square feet

Mariposa County

R/W:	\$220	PA&ED:	\$4,520
Const:	\$22,810	PS&E:	\$4,300
		R/W Sup:	\$400
		Con Sup:	\$8,810

Subtotal: \$23,030 \$18,030
Total (Capital + Support): \$41,060

**2020 SHOPP Long Lead Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

01-Mendocino-101 9.9/11.2 4675 0117000115	Near Hopland, from La Franchi Road to north of First Street. Upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate pavement, and upgrade signs, guardrail, and Transportation Management System (TMS) elements.	0H140 2024-25	R/W: \$393 Con: \$10,828	* PA&ED: \$1,522 PS&E: \$1,001 R/W Sup: \$864 Con Sup: \$998	20-21 21-22 21-22 24-25	PA&ED: 5/1/2022 R/W Cert: 7/1/2024 RTL: 7/15/2024 Begin Con: 1/27/2025
			Subtotal: \$11,221	\$4,385		
			Total Project Cost:	\$15,606		
			* PA&ED phase is authorized			

New Long
Lead

(Long Lead Project)

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 71 Curb ramp(s)

Note: Large number of environmental evaluations and parcel acquisitions are required.

Supplementary

Asset	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	67.0	67.0	Each
Post Condition	71.0	0.0	0.0	71.0	Each

BRIDGE PRESERVATION

01-Mendocino-1 42.4/43.3 4491 0100000155	Near Albion, from 2.2 miles north of Route 128 Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement.	40140 2029-30	R/W: \$6,324 Con: \$36,775	* PA&ED: \$5,800 PS&E: \$5,593 R/W Sup: \$810 Con Sup: \$6,290	Prior 23-24 23-24 29-30	PA&ED: 4/1/2023 R/W Cert: 10/1/2029 RTL: 10/15/2029 Begin Con: 2/6/2030
			Subtotal: \$43,099	\$18,493		
			Total Project Cost:	\$61,592		
			* PA&ED phase is authorized			

Carryover
Long Lead

(Long Lead Project)

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Significant opposition to this project until the lead contamination issue is resolved. Extensive lead abatement is required for the disturbed area prior to resource agencies approving the environmental permits for this project.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	21,915.0	21,915.0	Square feet
Post Condition	34,769.0	0.0	0.0	34,769.0	Square feet

**2020 SHOPP Long Lead Project List
Mendocino
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

01-Mendocino-101 21.0/28.6 4695	In and near Ukiah, from north of Robinson Creek Bridge to Pomo Road Undercrossing. Rehabilitate roadway,	0H570 2024-25	R/W: \$100 Con: \$44,236	* PA&ED: \$473 PS&E: \$867 R/W Sup: \$48 Con Sup: \$2,846	20-21 21-22 21-22 24-25	PA&ED: 9/1/2021 R/W Cert: 7/1/2024 RTL: 7/15/2024 Begin Con: 1/27/2025
0117000237	upgrade guardrail, lighting, and Transportation Management System (TMS) elements, and apply High Friction Surface Treatment (HFST).		Subtotal: \$44,336	\$4,234		
New Long Lead			Total Project Cost:	\$48,570		

* PA&ED phase is authorized

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)

Project Output(s) 24.9 Lane mile(s)

Note: Lengthy environmental processes to
resolve complex cultural issues.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.8	2.1	24.9	Lane mile(s)
Post Condition	24.9	0.0	0.0	24.9	Lane mile(s)

Mendocino County

R/W:	\$6,817	PA&ED:	\$7,795
Const:	\$91,839	PS&E:	\$7,461
		R/W Sup:	\$1,722
		Con Sup:	\$10,134
Subtotal:	\$98,656		\$27,112
Total (Capital + Support):			\$125,768

2020 SHOPP Long Lead Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

09-Mono-395	Near Bridgeport, from south of Route	37460	R/W: \$75	* PA&ED: \$1,416	21-22	PA&ED: 06/01/2023
76.0/80.6	182 to Buckeye Road. Rehabilitate	2025-26	Con: \$10,488	PS&E: \$695	22-23	R/W Cert: 09/01/2025
2648	pavement, upgrade facilities to			R/W Sup: \$383	22-23	RTL: 10/1/2025
0918000018	Americans with Disabilities Act (ADA)			Con Sup: \$2,531	25-26	Begin Con: 4/24/2026
	standards, replace guardrail, and					
	rehabilitate drainage systems.					
	(Long Lead Project)					
			Subtotal: \$10,563	\$5,025		
			Total Project Cost:	\$15,588		
			* PA&ED phase is authorized			

Program 201.120 Roadway Rehabilitation (3R)

Project Output(s) 9.1 Lane mile(s)

Note: Lengthy right of way efforts to acquire property rights from other governmental agencies and allow for utility relocations.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.4	8.7	0.0	9.1	Lane mile(s)
Post Condition	9.1	0.0	0.0	9.1	Lane mile(s)

Mono County

R/W:	\$75	PA&ED:	\$1,416
Const:	\$10,488	PS&E:	\$695
		R/W Sup:	\$383
		Con Sup:	\$2,531

Subtotal: \$10,563 \$5,025

Total (Capital + Support): \$15,588

**2020 SHOPP Long Lead Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

05-Monterey-1 20.9/21.3 2524 0514000004	Near Lucia, from 0.1 mile south to 0.2 mile north of Limekiln Creek Bridge No. 44-0058. Replace bridge. (Long Lead Project)	1F510 2024-25	R/W: \$704 Con: \$64,644	* PA&ED: \$3,500 PS&E: \$9,598 R/W Sup: \$416 Con Sup: \$13,865	Prior 23-24 23-24 24-25	PA&ED: 6/14/2023 R/W Cert: 3/5/2025 RTL: 4/3/2025 Begin Con: 8/8/2025
Carryover Long Lead			Subtotal: \$65,348	\$27,379		
			Total Project Cost:	\$92,727		

* PA&ED phase is authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Potential R/W concerns relating to a State Park and complexity and duration of environmental studies.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	19,536.0	0.0	19,536.0	Square feet
Post Condition	60,592.0	0.0	0.0	60,592.0	Square feet

ROADWAY PRESERVATION

05-Monterey-101 R9.2/R22.0 2916 0518000213	Near Bradley, from south of Jolon Road Overcrossing to San Ardo Undercrossing. Rehabilitate pavement, drainage systems, upgrade guardrail, and install Transportation Management System (TMS) elements. (Long Lead Project)	1K490 2026-27	R/W: \$171 Con: \$46,931	* PA&ED: \$2,439 PS&E: \$2,664 R/W Sup: \$585 Con Sup: \$6,421	20-21 23-24 23-24 26-27	PA&ED: 1/24/2024 R/W Cert: 7/15/2026 RTL: 3/22/2027 Begin Con: 10/1/2027
New Long Lead			Subtotal: \$47,102	\$12,109		
			Total Project Cost:	\$59,211		

* PA&ED phase is authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 44.1 Lane mile(s)

Note: Complexity and duration of environmental investigation due to impacts to sensitive species, wetlands, and riparian habitat.

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	3.7	30.8	9.6	44.1	Lane mile(s)
Post Condition	44.1	0.0	0.0	44.1	Lane mile(s)

**2020 SHOPP Long Lead Project List
Monterey
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
05-Monterey-101 R28.2/100.3 2797 0518000084	In and near King City, Greenfield, Soledad, Gonzales, and Salinas, from Paris Valley Road Overcrossing to Dunbarton Road. Rehabilitate drainage systems, replace overhead signs and structures, and update Transportation Management System (TMS) elements.	1J890 2024-25	R/W: \$168 Con: \$8,410	* PA&ED: \$2,391 PS&E: \$2,999 R/W Sup: \$985 Con Sup: \$3,697	20-21 22-23 22-23 24-25	PA&ED: 12/5/2022 R/W Cert: 11/27/2024 RTL: 12/16/2024 Begin Con: 7/17/2025	
<i>New Long Lead</i>	(Long Lead Project)		Subtotal: \$8,578	\$10,072			
			Total Project Cost:	\$18,650			
			<i>* PA&ED phase is authorized</i>				

Program 201.151 Drainage System Restoration
Project Output(s) 30 Culvert(s) (ea)

Note: Presence of wetland resources, historic properties, and scenic resources require extensive environmental consultations and clearances.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,929.0	2,929.0	Linear feet
Post Condition	2,929.0	0.0	0.0	2,929.0	Linear feet

Monterey County

R/W:	\$1,043	PA&ED:	\$8,330
Const:	\$119,985	PS&E:	\$15,261
		R/W Sup:	\$1,986
		Con Sup:	\$23,983
Subtotal:	\$121,028		\$49,560
Total (Capital + Support):			\$170,588

**2020 SHOPP Long Lead Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Nevada-80 27.6/28.5 4306 0318000016	Near Floriston, at Truckee River Bridge No. 17-0063R/L. Replace two bridges with a single bridge.	3H580 2026-27	R/W: \$870 Con: \$58,400	* PA&ED: \$3,500 PS&E: \$4,230 R/W Sup: \$455 Con Sup: \$7,080	20-21 23-24 23-24 26-27	PA&ED: 1/2/2024 R/W Cert: 9/15/2026 RTL: 10/2/2026 Begin Con: 2/26/2027
	(Long Lead Project)		Subtotal: \$59,270	\$15,265		
New Long Lead			Total Project Cost:	\$74,535		

* PA&ED phase is authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Note: A historic flume passes below the Truckee River Bridge. More advanced geotechnical and bridge studies may affect bridge layout with proximity to the flume thus requiring a higher level of environmental study and State Historic Preservation Office (SHPO) involvement.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	16,436.0	15,640.0	0.0	32,076.0	Square feet
Post Condition	45,548.0	0.0	0.0	45,548.0	Square feet

Nevada County

R/W:	\$870	PA&ED:	\$3,500
Const:	\$58,400	PS&E:	\$4,230
		R/W Sup:	\$455
		Con Sup:	\$7,080
Subtotal:	\$59,270		\$15,265
Total (Capital + Support):			\$74,535

2020 SHOPP Long Lead Project List Sacramento

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

03-Sacramento-5 23.6/24.3 5863 0316000190 Carryover Long Lead	In the city of Sacramento, at the West End Viaduct No. 24-0069L/R. Improve to standard truck capacity. (Long Lead Project)	1H610 2026-27	R/W: \$674 Con: \$36,060	* PA&ED: \$5,700 PS&E: \$4,900 R/W Sup: \$400 Con Sup: \$3,700	Prior 23-24 23-24 26-27	PA&ED: 4/16/2023 R/W Cert: 4/25/2026 RTL: 7/15/2026 Begin Con: 11/7/2026
			Subtotal: \$36,734	\$14,700		
			Total Project Cost: \$51,434			

* PA&ED phase is authorized

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 2 Bridge(s)

Note: Schedule risk due to railroad coordination, land acquisitions, hazardous material, public input, and environmental permitting.

Primary Asset (Goods Movement)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	584,286.0	0.0	0.0	584,286.0	Square feet
Post Condition	584,286.0	0.0	0.0	584,286.0	Square feet

Sacramento County

R/W:	\$674	PA&ED:	\$5,700
Const:	\$36,060	PS&E:	\$4,900
		R/W Sup:	\$400
		Con Sup:	\$3,700
Subtotal:	\$36,734		\$14,700
Total (Capital + Support):			\$51,434

2020 SHOPP Long Lead Project List San Bernardino

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

08-San Bernardino-40	Near Needles, from Park Moabi Road	0R380	R/W: \$169	* PA&ED: \$2,650	Prior	PA&ED: 3/3/2023
153.9/154.7	to Topock Road at the Colorado	2024-25	Con: \$28,800	PS&E: \$3,759	22-23	R/W Cert: 4/2/2025
3001S	River Bridge No. 54-0415. Bridge			R/W Sup: \$431	22-23	RTL: 5/1/2025
0812000067	rehabilitation and/or replacement.			Con Sup: \$8,332	24-25	Begin Con: 1/26/2026
	Caltrans will be the lead agency and		Subtotal: \$28,969			
	will share half of all costs with Arizona		\$15,172			
Carryover	Department of Transportation (ADOT)		Total Project Cost: \$44,141			
Long Lead	as indicated via a signed Letter of Intent.		* PA&ED phase is authorized			

(Long Lead Project)

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Complexity of environmental and geotechnical investigations. Extensive coordination required with Arizona resource agencies.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	87,992.0	0.0	87,992.0	Square feet
Post Condition	107,410.0	0.0	0.0	107,410.0	Square feet

San Bernardino County

	R/W:	\$169	PA&ED:	\$2,650
	Const:	\$28,800	PS&E:	\$3,759
			R/W Sup:	\$431
			Con Sup:	\$8,332
	Subtotal: \$28,969		\$15,172	
	Total (Capital + Support):		\$44,141	

**2020 SHOPP Long Lead Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

11-San Diego-76 29.3/29.6 1195 1115000179	Near Pauma Valley, from 0.2 mile west to 0.1 mile east of Pauma Creek Bridge No. 57-0077; also 6.0 miles west of Santa Ysabel, at 1.8 miles west of San Luis Rey River Bridge at the Wigham Creek Culvert (PM 45.3). Remediate fish passage and improve water quality by replacing existing creek crossings with natural bottom bridges.	42220 2026-27	R/W: \$303 Con: \$14,300	* PA&ED: \$2,244 PS&E: \$3,680 R/W Sup: \$262 Con Sup: \$4,073	Prior 26-27 26-27 26-27	PA&ED: 8/11/2023 R/W Cert: 2/26/2027 RTL: 4/16/2027 Begin Con: 9/10/2027
Carryover Long Lead			Subtotal: \$14,603	\$10,259		
			Total Project Cost:	\$24,862		

* PA&ED phase is authorized

Program 201.335 Storm Water Mitigation
Project Output(s) 140 Acre(s) treated/pollutant

Note: Extensive coordination with external agencies, hydrological and environmental studies, and property access issues.

(Long Lead Project)

BRIDGE PRESERVATION

11-San Diego-75 R20.5/R22.0 1065 1112000071	In the city of San Diego and Coronado, from San Diego-Coronado Bay Bridge to the Route 75/5 Connector Overcrossing. Bridge rehabilitation.	40940 2026-27	R/W: Con:	* PA&ED: \$2,593 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 2/15/2022 R/W Cert: 5/22/2023 RTL: 4/8/2027 Begin Con: 11/9/2027
Carryover Long Lead	(Long Lead Project)		Subtotal:	\$2,593		
			Total Project Cost:	\$2,593		

* PA&ED phase is authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Extensive studies using most current seismological and geotechnical models are needed to evaluate the existing bridge piles.

Primary Asset (Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	489,499.0	0.0	489,499.0	Square feet
Post Condition	489,499.0	0.0	0.0	489,499.0	Square feet

**2020 SHOPP Long Lead Project List
San Diego
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
11-San Diego-163 1.6/2.8 1276 1117000171	In the city of San Diego, at various locations from Quince Street Overcrossing Bridge No. 57-0216K to Washington Street Overcrossing Bridge No. 57-0220. Replace bridge rail within Cabrillo Freeway Historic District.	43013 2024-25	R/W: \$256 Con: \$9,473	* PA&ED: \$4,740 PS&E: \$2,409 R/W Sup: \$212 Con Sup: \$3,633	Prior 22-23 22-23 24-25	PA&ED: 8/29/2022 R/W Cert: 2/18/2025 RTL: 4/8/2025 Begin Con: 8/11/2025	
Carryover Long Lead			Subtotal: \$9,729	\$10,994			
			Total Project Cost:	\$20,723			
			* PA&ED phase is authorized				

(Long Lead Project)

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1959.0 Linear feet rail
4 Bridge(s)

Note: Extensive environmental studies are needed because all bridge locations are on a designated scenic highway and within a Historic District.

Primary Asset (Bridge Rail)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,959.0	1,959.0	Linear feet rail
Post Condition	1,959.0	0.0	0.0	1,959.0	Linear feet rail

San Diego County			
R/W:	\$559	PA&ED:	\$9,577
Const:	\$23,773	PS&E:	\$6,089
		R/W Sup:	\$474
		Con Sup:	\$7,706
Subtotal:	\$24,332		\$23,846
Total (Capital + Support):			\$48,178

**2020 SHOPP Long Lead Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

10-San Joaquin-4 14.2 3401 1017000183	In Stockton, at San Joaquin River Bridge No. 29-0050. Rehabilitate movable bridge electrical and mechanical systems.	1H200 2025-26	R/W: \$30 Con: \$7,427	* PA&ED: \$3,359 PS&E: \$1,030 R/W Sup: \$4 Con Sup: \$1,051	20-21 23-24 23-24 25-26	PA&ED: 8/18/2023 R/W Cert: 11/5/2025 RTL: 12/5/2025 Begin Con: 5/22/2026
<i>New Long Lead</i>	(Long Lead Project)			Subtotal: \$7,457	\$5,444	
				Total Project Cost:	\$12,901	

* PA&ED phase is authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Presence of endangered species, historical site and cultural resources require extensive environmental consultations and clearances.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,696.0	7,696.0	Square feet
Post Condition	7,696.0	0.0	0.0	7,696.0	Square feet

10-San Joaquin-5 26.1/26.5 3133A 1020000076	In Stockton, at the Stockton Channel Viaduct Bridge No. 29-0176L. Bridge rehabilitation to address structural and load carrying capacity deficiencies. This is a Design-Build project.	0X461 2024-25	R/W: \$24,300 Con: \$216,600	PA&ED: PS&E: R/W Sup: \$1,100 Con Sup: \$8,000	24-25 24-25	PA&ED: 6/30/2021 R/W Cert: 8/2/2024 RTL: 9/6/2024 Begin Con: 2/26/2025
<i>Carryover Long Lead</i>	(Long Lead Project)			Subtotal: \$240,900	\$9,100	
				Total Project Cost:	\$250,000	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Due to the complexity of the project, a long duration of design time is anticipated.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	259,937.0	259,937.0	Square feet
Post Condition	259,937.0	0.0	0.0	259,937.0	Square feet

**2020 SHOPP Long Lead Project List
San Joaquin
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
10-San Joaquin-5 26.1/26.5 3133B 1020000077	In Stockton, at the Stockton Channel Viaduct Bridge No. 29-0176R. Bridge rehabilitation to address structural and load carrying capacity deficiencies. This is a Design-Build project. (Long Lead Project)	0X462 2026-27	R/W: Con: \$315,900	PA&ED: PS&E: R/W Sup: \$1,100 Con Sup: \$8,000	26-27 26-27	PA&ED: 6/30/2021 R/W Cert: 8/4/2026 RTL: 9/4/2026 Begin Con: 2/24/2027	
Carryover Long Lead			Subtotal: \$315,900	\$9,100			
			Total Project Cost:	\$325,000			

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Due to the complexity of the project, a long duration of design time is anticipated.

Primary Asset (Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	272,208.0	0.0	272,208.0	Square feet
Post Condition	272,208.0	0.0	0.0	272,208.0	Square feet

San Joaquin County

R/W:	\$24,330	PA&ED:	\$3,359
Const:	\$539,927	PS&E:	\$1,030
		R/W Sup:	\$2,204
		Con Sup:	\$17,051
Subtotal:	\$564,257		\$23,644
Total (Capital + Support):			\$587,901

2020 SHOPP Long Lead Project List Santa Barbara

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

05-Santa Barbara-101 12.4/22.6 2798 0518000085 New Long Lead	In and near the cities of Santa Barbara and Goleta, from south of Milpas Street Undercrossing to North Fairview Avenue. Rehabilitate pavement, replace bridge rail and seismic restoration, install Transportation Management System (TMS) elements, rehabilitate drainage systems, and enhance highway worker safety.	1J900 2025-26	R/W: \$266 Con: \$47,815	* PA&ED: \$3,325 PS&E: \$3,636 R/W Sup: \$346 Con Sup: \$7,293	20-21 22-23 25-26	PA&ED: 3/24/2023 R/W Cert: 3/21/2025 RTL: 10/22/2025 Begin Con: 5/12/2026
			Subtotal: \$48,081	\$14,600		
			Total Project Cost: \$62,681			

* PA&ED phase is authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 56.6 Lane mile(s)

Note: Due to complexity and duration of environmental studies, including a Coastal Development Permit. Presence of jurisdictional wetlands and cultural, scenic, and biological resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	56.6	0.0	56.6	Lane mile(s)
Post Condition	56.6	0.0	0.0	56.6	Lane mile(s)

05-Santa Barbara-101 R0.0/R52.2 2799 0518000086 New Long Lead	In and near the cities of Carpinteria and Santa Barbara, from Ricon Point Road to south of Old Coast Highway at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.	1J910 2026-27	R/W: \$761 Con: \$22,070	* PA&ED: \$3,015 PS&E: \$2,335 R/W Sup: \$883 Con Sup: \$5,724	20-21 23-24 26-27	PA&ED: 12/5/2023 R/W Cert: 10/3/2025 RTL: 8/6/2026 Begin Con: 2/16/2027
			Subtotal: \$22,831	\$11,957		
			Total Project Cost: \$34,788			

* PA&ED phase is authorized

Program 201.151 Drainage System Restoration
Project Output(s) 37 Culvert(s) (ea)

Note: Due to complexity and duration of environmental studies, including a Coastal Development Permit. Presence of cultural and biological resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	61.0	4,412.0	4,473.0	Linear feet
Post Condition	4,473.0	0.0	0.0	4,473.0	Linear feet

**2020 SHOPP Long Lead Project List
Santa Barbara**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Santa Barbara County

			R/W:	\$1,027	PA&ED:	\$6,340
			Const:	\$69,885	PS&E:	\$5,971
					R/W Sup:	\$1,229
					Con Sup:	\$13,017
					<hr/>	
			Subtotal:	\$70,912		\$26,557
			Total (Capital + Support):			\$97,469

**2020 SHOPP Long Lead Project List
Santa Cruz
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

05-Santa Cruz-17 0.0/12.5 2921 0518000233	In and near the cities of Santa Cruz and Scotts Valley, from Route 1 to Santa Clara County line at various locations. Construct and install stormwater quality Best Management Practices (BMPs) and rehabilitate drainage systems.	1K670 2026-27	R/W: \$397 Con: \$4,632	* PA&ED: \$1,381 PS&E: \$1,387 R/W Sup: \$276 Con Sup: \$1,429	20-21 23-24 23-24 26-27	PA&ED: 10/18/2023 R/W Cert: 7/15/2026 RTL: 8/12/2026 Begin Con: 4/13/2027
<i>New Long Lead</i>			Subtotal: \$5,029	\$4,473		
			Total Project Cost:	\$9,502		

** PA&ED phase is authorized*

(Long Lead Project)

Program 201.335 Storm Water Mitigation
Project Output(s) 8.4 Acre(s) treated/pollutant

Note: Complexity and duration of environmental permitting due to biological, cultural, and visual resources.

Santa Cruz County

R/W:	\$397	PA&ED:	\$1,381
Const:	\$4,632	PS&E:	\$1,387
		R/W Sup:	\$276
		Con Sup:	\$1,429
Subtotal:	\$5,029		\$4,473
Total (Capital + Support):			\$9,502

**2020 SHOPP Long Lead Project List
Solano
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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MANDATES

04-Solano-80 1.8/5.7 2031H 0419000033 New Long Lead	In and near Vallejo, from west of Route 780 to Route 37 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2Q640	R/W: \$256	* PA&ED: \$1,080	20-21	PA&ED: 4/1/2023
		2024-25	Con: \$6,035	PS&E: \$2,038	22-23	R/W Cert: 2/1/2025
				R/W Sup: \$193	22-23	RTL: 3/1/2025
				Con Sup: \$1,631	24-25	Begin Con: 9/1/2025
			Subtotal: \$6,291	\$4,942		
			Total Project Cost:	\$11,233		

* PA&ED phase is authorized

Program 201.335 Storm Water Mitigation
Project Output(s) 50.3 Acre(s) treated/pollutant

Note: The environmental assessment is anticipated to take 30 months to complete and a potential R/W acquisition may require a minimum of 18 months to obtain.

(Long Lead Project)

Solano County					
	R/W:	\$256	PA&ED:	\$1,080	
	Const:	\$6,035	PS&E:	\$2,038	
			R/W Sup:	\$193	
			Con Sup:	\$1,631	
			Subtotal:	\$6,291	\$4,942
			Total (Capital + Support):	\$11,233	

**2020 SHOPP Long Lead Project List
Tulare
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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ROADWAY PRESERVATION

06-Tulare-245	Near Visalia, from Route 198 to Fresno	0X070	R/W: \$186	* PA&ED: \$2,405	20-21	PA&ED: 10/3/2022
0.0/33.0	County line at various locations.	2024-25	Con: \$10,970	PS&E: \$1,651	22-23	R/W Cert: 7/8/2024
6959	Rehabilitate drainage systems.			R/W Sup: \$1,095	22-23	RTL: 7/15/2024
0618000016				Con Sup: \$2,671	24-25	Begin Con: 3/3/2025
	(Long Lead Project)		Subtotal: \$11,156		\$7,822	
New Long Lead			Total Project Cost:		\$18,978	

* PA&ED phase is authorized

Program 201.151 Drainage System Restoration
Project Output(s) 157 Culvert(s) (ea)

Note: Presence of protected wetlands, archeological and biological resources, and endangered species requires extensive environmental consultations and clearances.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,621.0	6,621.0	Linear feet
Post Condition	6,621.0	0.0	0.0	6,621.0	Linear feet

Tulare County

R/W:	\$186	PA&ED:	\$2,405
Const:	\$10,970	PS&E:	\$1,651
		R/W Sup:	\$1,095
		Con Sup:	\$2,671
Subtotal:		\$11,156	\$7,822
Total (Capital + Support):			\$18,978

**2020 SHOPP Long Lead Project List
Ventura
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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BRIDGE PRESERVATION

07-Ventura-1 4.4/4.8 5614 0719000268	Near Malibu, from Sycamore Canyon Road to 0.4 mile north of Sycamore Canyon Road. Replace bridge and construct secant wall to stabilize erosion.	36010 2024-25	R/W: \$565 Con: \$41,998	* PA&ED: \$1,958 PS&E: \$4,094 R/W Sup: \$661 Con Sup: \$7,068	20-21 22-23 22-23 24-25	PA&ED: 10/19/2022 R/W Cert: 03/19/2025 RTL: 04/19/2025 Begin Con: 11/25/2025
			Subtotal: \$42,563	\$13,781		
New Long Lead (Long Lead Project)			Total Project Cost:	\$56,344		
			* PA&ED phase is authorized			

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Note: Lengthy environmental studies and multiple approvals necessary due to environmentally sensitive area.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,844.0	4,844.0	Square feet
Post Condition	6,438.0	0.0	0.0	6,438.0	Square feet

Ventura County

R/W:	\$565	PA&ED:	\$1,958
Const:	\$41,998	PS&E:	\$4,094
		R/W Sup:	\$661
		Con Sup:	\$7,068
Subtotal:		\$42,563	\$13,781
Total (Capital + Support):		\$56,344	

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[EXHIBIT J: Pre 2020 SHOPP Projects](#)

Pre 2020 SHOPP Projects

Projects allocated in prior SHOPP documents currently in construction.

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
1	0100000158	01	40950	2270	1/1/2021	Drainage
2	0100000266	01	46480	2251A	12/30/2021	Mobility
3	0100020013	01	0A040	3080	10/18/2021	Safety
4	0100020444	01	0B090	1072	12/30/2023	Bridge
5	0100020447	01	4500U	1073	5/1/2020	Mobility
6	0112000133	01	0B500	4550	10/1/2021	Major Damage
7	0112000156	01	0B620	2346	6/30/2022	Mandates
8	0112000284	01	0C440	2365	12/10/2020	Collision Reduction
9	0112000285	01	0C450	4574	12/1/2024	Collision Reduction
10	0112000287	01	0C470	1094	12/1/2020	Collision Reduction
11	0112000300	01	0C550	4578	10/15/2021	Safety
12	0113000009	01	0C570	2382	4/1/2022	Pavement
13	0113000023	01	0C660	1095	10/28/2022	Mandates
14	0113000031	01	0C710	2368	6/30/2020	Safety
15	0113000060	01	0C810	3096	10/1/2020	Safety
16	0113000091	01	0E000	2376	12/1/2021	Bridge
17	0113000094	01	0C970	2375	6/30/2021	Safety
18	0113000099	01	0E030	2378	12/1/2022	Mandates
19	0113000100	01	0E040	2380	12/1/2021	Pavement
20	0113000109	01	0A120	2302	12/1/2023	Bridge
21	0113000122	01	0E080	3098	1/1/2022	Bridge
22	0114000002	01	0E240	4589	10/1/2020	Bridge
23	0114000043	01	29811	3099	12/1/2022	Safety
24	0114000117	01	0E650	2397	12/1/2021	Safety
25	0114000123	01	0E680	2393	12/1/2021	Safety
26	0115000003	01	0E720	3102	10/1/2021	Safety
27	0115000004	01	0E730	3203	9/22/2021	Safety
28	0115000009	01	0E770	2400	10/4/2021	Bridge
29	0115000037	01	0E850	7018	10/1/2021	Safety
30	0115000038	01	0E860	4613	10/15/2022	Safety
31	0115000048	01	0E940	4616	10/15/2021	Roadway Preservation
32	0115000092	01	0F220	2418	6/30/2021	Mobility
33	0115000108	01	0F310	1113	1/2/2023	Bridge
34	0115000115	01	0F360	2422	12/1/2020	Pavement
35	0116000008	01	0F440	4626	10/15/2020	Pavement
36	0116000010	01	0F460	2427	6/30/2023	Safety
37	0116000011	01	0F470	2426	6/30/2023	Safety
38	0116000013	01	0F490	3107	12/1/2022	Bridge
39	0116000018	01	0F530	2430	12/1/2021	Bridge
40	0116000024	01	46630	4442	12/1/2021	Pavement
41	0116000031	01	36270	0154T	10/16/2020	Pavement
42	0116000044	01	0F680	2434	12/1/2022	Safety
43	0116000045	01	0F690	2435	2/1/2021	Safety
44	0116000109	01	0F960	2447	12/1/2021	Bridge
45	0116000118	01	0G050	7022	9/1/2021	Safety
46	0116000120	01	0G060	4639	10/13/2023	Safety
47	0116000125	01	0G100	1120	7/27/2023	Major Damage
48	0116000128	01	0G130	1121	10/1/2021	Safety
49	0116000164	01	4373U	2452	7/4/2021	Safety

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
50	0116000170	01	0G330	4647	12/1/2022	Safety
51	0116000188	01	0G430	4650	9/30/2022	Safety
52	0116000189	01	0G450	4651	8/14/2021	Major Damage
53	0117000009	01	0G480	4652	1/1/2021	Safety
54	0117000013	01	0G510	7024	1/1/2021	Safety
55	0117000043	01	0G650	4657	12/1/2020	Major Damage
56	0117000051	01	0G700	3112	12/2/2021	Multiple Objective
57	0117000052	01	0G710	2462	12/2/2020	Multiple Objective
58	0117000078	01	0B421	2472	1/21/2025	Major Damage
59	0117000105	01	0H120	4673	5/1/2021	Major Damage
60	0118000074	01	0H690	1128	10/1/2020	Major Damage
61	0118000075	01	0H700	1127	9/9/2020	Major Damage
62	0118000154	01	0A041	3128	12/1/2024	Safety
63	0118000177	01	0J160	8503	7/1/2020	Major Damage
64	0118000178	01	0J170	8504	8/6/2021	Major Damage
65	0119000013	01	0J370	7025	8/2/2020	Major Damage
66	0119000016	01	48801	1055	12/1/2022	Drainage
67	0119000055	01	0J570	1132	7/15/2020	Major Damage
68	0119000056	01	0J580	8508	3/6/2020	Major Damage
69	0119000063	01	0E68U	2527	12/1/2021	Pavement
70	0119000069	01	0J630	8510	1/23/2020	Major Damage
71	0119000070	01	0E001	2376M	12/1/2021	Bridge
72	0119000071	01	0C971	2375M	12/1/2021	Safety
73	0119000073	01	0J640	2528	5/28/2021	Major Damage
74	0119000074	01	0J650	4728	2/28/2021	Major Damage
75	0119000076	01	0J670	4729	3/1/2021	Major Damage
76	0119000077	01	0J680	2530	5/1/2021	Major Damage
77	0119000079	01	0J700	4730	3/1/2021	Major Damage
78	0119000080	01	0J710	4731	3/1/2021	Major Damage
79	0119000082	01	0J730	8511	1/3/2020	Major Damage
80	0119000097	01	0J750	4733	3/12/2020	Major Damage
81	0119000100	01	0J760	4734	1/9/2020	Major Damage
82	0119000104	01	0J800	2531	6/1/2021	Major Damage
83	0119000111	01	0J850	4737	6/1/2021	Major Damage
84	0120000004	01	0K080	2537	12/2/2020	Major Damage
85	0200000080	02	1C750	3208	1/31/2021	Bridge
86	0200000586	02	2E480	3424	11/15/2021	Bridge
87	0200020286	02	4E450	3467	12/1/2022	Pavement
88	0200020287	02	4E460	3468	1/10/2022	Pavement
89	0212000012	02	4E650	3473	5/29/2020	Bridge
90	0212000071	02	4F200	3483	11/30/2020	Bridge
91	0212000072	02	4F210	3484	7/15/2021	Bridge
92	0212000073	02	4F220	3485	12/29/2022	Bridge
93	0213000001	02	4F510	3506	10/1/2020	Safety
94	0213000004	02	4F540	3509	1/14/2022	Bridge
95	0213000006	02	4F560	3512	1/10/2022	Bridge
96	0213000010	02	4F590	3515	7/30/2023	Bridge
97	0213000012	02	4F600	3516	10/11/2022	Bridge
98	0213000032	02	4F780	3523	1/28/2021	Collision Reduction

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
99	0213000043	02	4F860	3526	1/7/2022	Safety
100	0213000057	02	4F990	3529	7/6/2020	Pavement
101	0213000132	02	4C150	3314	12/27/2020	Drainage
102	0214000023	02	4G530	3549	12/30/2022	Bridge
103	0214000024	02	4G540	3558	12/31/2021	Pavement
104	0214000025	02	4G560	3550	11/15/2021	Drainage
105	0214000026	02	4G570	3551	12/31/2020	Collision Reduction
106	0214000027	02	4G580	3552	11/30/2021	Collision Reduction
107	0214000028	02	4G610	3555	12/31/2020	Collision Reduction
108	0214000029	02	4G620	3559	12/6/2021	Collision Reduction
109	0214000030	02	4G630	3556	1/3/2022	Mobility
110	0214000031	02	4G500	3557	1/3/2023	Safety
111	0214000036	02	4G550	3560	1/15/2021	Pavement
112	0215000049	02	0H540	3586	12/29/2020	Drainage
113	0215000050	02	0H550	3587	12/29/2022	Drainage
114	0215000051	02	0H560	3588	11/15/2021	Drainage
115	0215000086	02	0H760	3599	3/3/2020	Pavement
116	0215000105	02	1H090	3601	12/6/2022	Drainage
117	0215000106	02	1H110	3600	12/22/2022	Facilities
118	0215000126	02	1H320	3606	1/28/2022	Mandates
119	0216000041	02	1H390	3630	12/20/2020	Bridge
120	0216000051	02	1H970	3640	11/24/2021	Safety
121	0216000052	02	1H740	3641	11/15/2021	Safety
122	0216000093	02	2H050	3653	1/18/2023	Safety
123	0216000122	02	4E46U	3468	4/15/2022	Bridge
124	0216000156	02	2H630	3663	6/1/2022	Safety
125	0217000032	02	2H890	3671	3/26/2021	Multiple Objective
126	0217000045	02	2H990	3673	4/1/2022	Safety
127	0217000046	02	3H000	3674	11/23/2022	Major Damage
128	0217000110	02	3H430	3691	3/26/2021	Multiple Objective
129	0218000043	02	1H74U	3641	1/5/2022	Safety
130	0218000047	02	4G41U	3543	12/31/2021	Bridge
131	0218000060	02	0H69U	3592	12/29/2020	Roadway Preservation
132	0218000153	02	3H73U	3702	10/7/2022	Pavement
133	0219000073	02	0J220	3746	9/14/2020	Major Damage
134	0219000083	02	0J270	3747	1/16/2020	Major Damage
135	0219000088	02	0J320	3749	1/7/2020	Major Damage
136	0219000153	02	0J720	3764	1/19/2021	Major Damage
137	0220000010	02	0J980	3781	3/9/2020	Major Damage
138	0220000048	02	1J240	3783	8/30/2020	Major Damage
139	0300000075	03	0F250	8901	11/1/2022	Bridge
140	0300000458	03	3C380	3258	10/1/2020	Mandates
141	0300001105	03	1F190	6200	10/1/2020	Mobility
142	0300020462	03	2F080	9580	11/1/2020	Mandates
143	0300020593	03	0A570	9579	12/1/2024	Pavement
144	0300020594	03	2F320	9587	11/15/2021	Pavement
145	0300020600	03	1E050	5079	10/1/2021	Drainage
146	0300020608	03	1A920	8132	10/1/2022	Pavement
147	0300020615	03	2F570	5097	12/1/2025	Bridge

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148	0300020616	03	2F340	4781	8/6/2021	Pavement
149	0300020624	03	2F590	9588	11/1/2020	Safety
150	0312000026	03	2F980	2950	1/2/2021	Pavement
151	0312000056	03	3F090	5832	10/8/2021	Bridge
152	0312000068	03	1E060	9812	12/1/2023	Bridge
153	0312000069	03	0F280	6912	10/29/2024	Bridge
154	0312000133	03	3F250	4287	8/15/2021	Roadway Preservation
155	0313000020	03	3F510	9590	1/15/2022	Safety
156	0313000135	03	3F530	3304	12/1/2020	Bridge
157	0313000136	03	3F540	6916	2/10/2022	Bridge
158	0313000137	03	3F550	9427	2/1/2021	Bridge
159	0313000139	03	3F570	5959	9/1/2020	Bridge
160	0314000024	03	4F100	6707	11/30/2021	Bridge
161	0314000039	03	4E620	3290	9/11/2023	Safety
162	0314000101	03	0F290	2425	11/1/2021	Bridge
163	0314000152	03	4F370	4451	11/1/2021	Safety
164	0314000153	03	4F380	9819	12/1/2023	Safety
165	0314000161	03	4F420	3710	10/1/2021	Collision Reduction
166	0314000162	03	4F430	2793	8/2/2021	Collision Reduction
167	0314000164	03	4F450	5846	12/15/2022	Mobility
168	0314000186	03	4F580	5848	6/15/2021	Collision Reduction
169	0314000228	03	4F600	4288	6/15/2020	Safety
170	0314000232	03	4F640	5850	5/1/2020	Safety
171	0314000272	03	0C472	8655A	11/15/2020	Safety
172	0314000288	03	4F800	2112	12/27/2020	Mandates
173	0314000291	03	4F810	3788	3/1/2021	Mandates
174	0314000300	03	4F830	8572	3/31/2020	Collision Reduction
175	0314000305	03	4F840	3303	3/27/2020	Safety
176	0315000074	03	0H080	6177	12/1/2024	Pavement
177	0315000145	03	0H330	2433	11/1/2021	Bridge
178	0315000164	03	0H400	4291	12/30/2021	Mobility
179	0315000165	03	0H410	8571	10/1/2020	Mobility
180	0315000166	03	0H420	4125	10/2/2023	Mobility
181	0315000174	03	0H460	5113	12/1/2022	Mobility
182	0315000197	03	0H470	6711	7/23/2020	Pavement
183	0315000198	03	0H480	6924	11/30/2021	Pavement
184	0315000200	03	0H500	3311	6/15/2020	Safety
185	0315000201	03	0H510	9821	5/22/2020	Safety
186	0315000202	03	0H520	3312	12/1/2021	Mobility
187	0315000203	03	0H530	6712	7/10/2020	Mobility
188	0315000204	03	0H540	6713	7/14/2021	Mobility
189	0315000211	03	0H580	6242	6/1/2020	Mobility
190	0316000061	03	1H150	8378	10/1/2021	Pavement
191	0316000077	03	1H240	4785	12/1/2022	Safety
192	0316000153	03	1H440	3316	6/15/2020	Safety
193	0316000177	03	1H530	4899	7/15/2026	Roadside Preservation
194	0316000188	03	1H600	3631	10/1/2020	Major Damage
195	0317000083	03	2H230	8381	10/1/2021	Safety
196	0317000084	03	2H240	2114	12/1/2021	Safety

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197	0317000114	03	2H460	9058	8/1/2020	Major Damage
198	0317000152	03	0H341	6923	8/1/2021	Bridge
199	0317000153	03	0H342	6923B	11/12/2021	Bridge
200	0317000154	03	2H550	5129	10/15/2020	Multiple Objective
201	0317000157	03	2H570	6717	11/30/2020	Mobility
202	0317000166	03	2H630	2635	12/31/2022	Safety
203	0317000167	03	2H640	5961	11/30/2022	Safety
204	0317000173	03	2H700	8920	11/30/2020	Mobility
205	0317000341	03	3H400	7807	10/15/2021	Safety
206	0317000349	03	3H391	5869	11/1/2024	Bridge
207	0318000001	03	3H450	3326	6/15/2022	Major Damage
208	0318000002	03	3H460	8668	7/1/2020	Major Damage
209	0318000003	03	3H470	3327	11/1/2020	Major Damage
210	0318000015	03	3H570	5870	12/15/2022	Safety
211	0318000026	03	3H640	4137	10/2/2020	Safety
212	0318000027	03	3H650	4138	11/1/2021	Safety
213	0318000053	03	3H710	2294	10/15/2020	Safety
214	0318000054	03	3H720	2295	12/1/2021	Safety
215	0318000115	03	3H970	3330	11/1/2020	Major Damage
216	0318000116	03	3H980	3636	11/1/2020	Major Damage
217	0318000128	03	4H020	3855	10/1/2020	Safety
218	0318000176	03	4H100	7809	9/30/2022	Major Damage
219	0318000177	03	4H110	4309	10/4/2021	Major Damage
220	0318000197	03	4H150	9826	3/31/2020	Major Damage
221	0318000216	03	4F172	8663A	11/2/2020	Safety
222	0318000294	03	4H370	3335	9/11/2023	Drainage
223	0318000331	03	4H550	4901	10/30/2020	Safety
224	0318000332	03	4H560	4902	7/30/2021	Major Damage
225	0319000026	03	4H690	5962	1/12/2022	Major Damage
226	0319000045	03	2H57U	6717A	11/30/2020	Mobility
227	0319000059	03	4H830	2297	6/30/2020	Major Damage
228	0319000121	03	4H930	2298	3/27/2020	Major Damage
229	0319000151	03	0J070	6256	4/30/2020	Major Damage
230	0319000201	03	0F281	6912A	10/29/2024	Bridge
231	0319000202	03	0F282	6912B	10/29/2024	Bridge
232	0319000203	03	0F283	6912C	10/29/2024	Bridge
233	0319000204	03	0F284	6912D	12/31/2022	Bridge
234	0319000205	03	0F285	6912E	12/31/2022	Bridge
235	0319000206	03	0F286	6912F	12/31/2022	Bridge
236	0319000209	03	0J100	2706	6/30/2020	Major Damage
237	0319000252	03	0J260	8574	5/29/2020	Major Damage
238	0319000261	03	0J310	9827	3/31/2020	Major Damage
239	0319000266	03	0J350	2299	6/30/2020	Major Damage
240	0320000045	03	0J950	3340	2/13/2020	Major Damage
241	0320000046	03	0J960	2639	1/21/2020	Major Damage
242	0320000074	03	1J040	2439	2/14/2020	Major Damage
243	0320000077	03	1J060	5875	4/1/2020	Major Damage
244	0320000078	03	1J070	9734	7/23/2020	Major Damage
245	0320000080	03	1J080	6258	4/1/2020	Major Damage

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246	0320000083	03	1J090	4004	10/1/2020	Major Damage
247	0400000343	04	0G660	0886	11/7/2024	Bridge
248	0400000421	04	15148	0012B	5/1/2020	Mobility
249	0400000429	04	16030	0084B	12/1/2023	Bridge
250	0400000442	04	1637E	0619E	10/31/2020	Bridge
251	0400001164	04	4A800	0050N	10/1/2023	Bridge
252	0400001217	04	4S220	0313E	10/14/2021	Major Damage
253	0400020007	04	0G680	0738	10/3/2022	Safety
254	0400020582	04	1G910	0091P	12/31/2020	Mandates
255	0400020616	04	1G840	0730E	12/30/2020	Mandates
256	0400020859	04	2G460	0124M	1/12/2022	Mandates
257	0400021103	04	2G660	0144A	12/1/2020	Mandates
258	0400021202	04	2G730	0434G	11/30/2021	Mandates
259	0400021211	04	2G690	0434H	4/16/2021	Mandates
260	0412000126	04	1G430	0587H	2/4/2022	Bridge
261	0412000131	04	27010	0135A	5/21/2021	Pavement
262	0412000141	04	3G620	0587D	6/30/2021	Bridge
263	0412000153	04	3G690	8315N	12/31/2020	Bridge
264	0412000159	04	26980	0269H	12/31/2021	Pavement
265	0412000310	04	4G210	0775G	12/27/2024	Safety
266	0412000314	04	4G220	0775F	6/30/2020	Safety
267	0412000335	04	1A683	0044Q	5/3/2021	Pavement
268	0412000463	04	4G380	0817Q	6/30/2021	Safety
269	0412000504	04	4G560	8060A	2/3/2020	Safety
270	0412000581	04	2A441	0485U	12/14/2022	Safety
271	0412000642	04	2594A	0378F	9/1/2022	Pavement
272	0412000644	04	2A11A	0348J	11/26/2020	Bridge
273	0413000049	04	4G820	0350H	4/15/2022	Bridge
274	0413000051	04	4G840	0830B	12/31/2021	Bridge
275	0413000052	04	4G850	0681Q	7/24/2020	Bridge
276	0413000058	04	4G880	0086Q	12/8/2020	Bridge
277	0413000080	04	4H050	0269M	12/31/2022	Bridge
278	0413000097	04	4H080	0448E	6/1/2020	Bridge
279	0413000162	04	4H580	0483W	11/6/2020	Pavement
280	0413000402	04	2A251	0483Q	10/16/2023	Safety
281	0413000408	04	0J100	0481B	6/30/2020	Major Damage
282	0413000462	04	0J380	0482S	8/3/2020	Major Damage
283	0414000003	04	0J470	0488Q	10/31/2021	Safety
284	0414000009	04	0J520	0480J	5/2/2022	Bridge
285	0414000010	04	0J530	0480A	2/10/2022	Bridge
286	0414000013	04	0J560	0481H	12/14/2022	Bridge
287	0414000014	04	0J570	0480C	7/31/2023	Bridge
288	0414000019	04	0J620	0481P	10/2/2023	Pavement
289	0414000023	04	0J660	0481T	2/25/2021	Collision Reduction
290	0414000024	04	0J670	0481J	7/1/2020	Collision Reduction
291	0414000025	04	0J680	0480E	9/1/2020	Collision Reduction
292	0414000029	04	0J710	0481R	1/15/2022	Bridge
293	0414000030	04	0J720	1487G	10/1/2020	Mandates
294	0414000039	04	2A332	0076B	12/1/2022	Safety

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295	041400067	04	0J800	0480K	9/30/2022	Safety
296	041400084	04	3E602	0480T	8/2/2021	Pavement
297	041400094	04	0C930	0622B	7/15/2021	Pavement
298	0414000120	04	3A87A	0333M	4/1/2022	Bridge
299	0414000202	04	1J360	0488K	6/30/2021	Pavement
300	0414000287	04	1J600	0448R	1/29/2021	Safety
301	0414000305	04	4G113	1463D	12/1/2020	Mobility
302	0414000329	04	1J700	0481X	6/26/2020	Safety
303	0414000340	04	1A905	1067C	11/30/2021	Mandates
304	0414000366	04	4G591	0729Q	5/15/2020	Major Damage
305	0414000367	04	4G592	0729R	7/15/2021	Major Damage
306	0414000404	04	1J970	1480B	9/19/2022	Pavement
307	0414000411	04	1J990	1418C	12/10/2021	Safety
308	0414000426	04	2J100	1488P	12/31/2021	Safety
309	0414000446	04	15161	0334J	6/30/2020	Mobility
310	0414000476	04	0J642	1482F	12/30/2021	Pavement
311	0414000487	04	1A210	0763L	10/30/2020	Mobility
312	0414000488	04	2J320	1482G	12/1/2020	Mobility
313	0414000515	04	2J440	1482K	10/30/2020	Safety
314	0414000523	04	2J500	1487C	6/30/2020	Major Damage
315	0414000527	04	2J540	1485P	4/30/2020	Major Damage
316	0414000530	04	2J570	1485Q	7/31/2020	Major Damage
317	0415000006	04	2J830	1483H	12/24/2021	Mobility
318	0415000008	04	2J810	1483N	12/2/2020	Collision Reduction
319	0415000009	04	2J820	1483P	12/30/2020	Collision Reduction
320	0415000016	04	2J720	1482Q	2/15/2023	Bridge
321	0415000017	04	2J780	1482R	10/1/2021	Bridge
322	0415000022	04	2J890	1483F	4/15/2020	Safety
323	0415000075	04	3J050	1487A	11/15/2021	Mobility
324	0415000085	04	2J840	1487F	12/30/2020	Mandates
325	0415000088	04	3J110	1487Q	12/31/2020	Safety
326	0415000099	04	3J190	1487P	12/1/2021	Safety
327	0415000131	04	3J320	0449A	12/1/2021	Pavement
328	0415000147	04	3J300	1490A	2/3/2021	Roadway Preservation
329	0415000183	04	3J700	1488S	11/30/2021	Safety
330	0415000184	04	3J710	1488N	10/29/2021	Safety
331	0415000221	04	3J890	1489B	7/29/2022	Safety
332	0415000246	04	4J040	1498M	3/31/2021	Major Damage
333	0415000252	04	4J080	1499H	4/30/2021	Major Damage
334	0415000288	04	4J210	1489K	12/1/2021	Bridge
335	0415000334	04	4J370	16543	7/15/2020	Mobility
336	0415000338	04	2J750	1483K	9/30/2020	Bridge
337	0415000340	04	4J390	1490F	10/1/2021	Safety
338	0415000344	04	4J420	1492J	12/31/2020	Major Damage
339	0415000350	04	4J450	1491A	12/30/2021	Mandates
340	0415000355	04	4J260	1490H	2/28/2022	Major Damage
341	0415000362	04	2G482	0124L	1/6/2021	Mandates
342	0416000001	04	4J730	1491G	12/31/2021	Safety
343	0416000005	04	4J750	1493F	10/2/2023	Safety

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344	0416000091	04	0K470	1494K	12/16/2020	Bridge
345	0416000119	04	4H751	0158G	6/30/2020	Safety
346	0416000148	04	0K840	1496B	7/6/2020	Safety
347	0416000152	04	4G871	0487Q	10/31/2021	Bridge
348	0416000153	04	4G872	0487R	11/30/2023	Bridge
349	0416000284	04	1K670	1499J	12/1/2023	Multiple Objective
350	0416000347	04	2A32A	0380N	7/1/2023	Bridge
351	0416000349	04	3G64A	0587M	3/29/2024	Bridge
352	0416000373	04	2K140	1453A	4/27/2021	Safety
353	0417000019	04	2K750	1452D	12/1/2020	Pavement
354	0417000030	04	2K830	1452H	10/1/2026	Bridge
355	0417000031	04	2K840	1452F	12/31/2022	Bridge
356	0417000051	04	2K660	1464E	9/1/2020	Major Damage
357	0417000131	04	3K310	1488T	1/6/2023	Mobility
358	0417000132	04	3K320	1488V	1/13/2023	Mobility
359	0417000133	04	3K330	1488W	12/28/2022	Mobility
360	0417000134	04	3K340	1488X	1/6/2023	Mobility
361	0417000135	04	3K350	1488Y	1/6/2023	Mobility
362	0417000260	04	4K110	0481V	2/26/2021	Mobility
363	0417000383	04	4K980	1462A	6/1/2022	Facilities
364	0417000430	04	0P370	1464L	8/29/2022	Mobility
365	0417000519	04	4J281	1490C	6/30/2020	Pavement
366	0417000520	04	4J282	1490Q	6/1/2021	Pavement
367	0418000164	04	0Q850	2022J	12/31/2020	Major Damage
368	0418000166	04	0Q870	2025T	2/28/2021	Major Damage
369	0418000170	04	0Q890	2025U	12/1/2020	Major Damage
370	0418000175	04	0Q930	2024N	1/14/2022	Major Damage
371	0418000345	04	1Q840	2024M	5/30/2021	Major Damage
372	0419000008	04	2Q400	2030N		Major Damage
373	0419000051	04	2Q810	2026A		Major Damage
374	0419000058	04	2Q840	0472F	1/30/2020	Major Damage
375	0419000134	04	3Q040	2029D		Major Damage
376	0419000163	04	4J99A	1464R		Mandates
377	0419000181	04	3Q160	2030B		Major Damage
378	0419000263	04	3Q790	2030H	2/28/2020	Major Damage
379	0419000265	04	3Q810	2029N		Major Damage
380	0419000281	04	3Q910	2030A	6/30/2020	Major Damage
381	0419000284	04	3Q930	2030C	7/31/2020	Major Damage
382	0419000301	04	4Q020	2030F	7/13/2020	Major Damage
383	0419000306	04	4Q030	2030G	7/31/2020	Major Damage
384	0419000307	04	4Q050	2030M	1/15/2020	Major Damage
385	0419000312	04	3J061	1487S	6/1/2022	Pavement
386	0419000340	04	4Q090	2030K	3/31/2020	Major Damage
387	0419000341	04	4Q100	2030P		Major Damage
388	0419000347	04	4Q110	2030Q	7/30/2020	Major Damage
389	0419000351	04	4Q140	2031A	2/28/2020	Major Damage
390	0419000356	04	4Q170	2031C	4/20/2020	Major Damage
391	0419000370	04	4Q260	2031F	8/10/2020	Major Damage
392	0419000389	04	4Q400	1564R		Major Damage

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393	0419000390	04	4Q410	0751E	3/11/2020	Major Damage
394	0419000391	04	4Q420	1457L	7/13/2020	Major Damage
395	0419000534	04	3J062	1487J	8/1/2022	Pavement
396	0420000001	04	1AA00	2031K	12/21/2020	Major Damage
397	0420000023	04	1AA90	2032H	12/29/2020	Major Damage
398	0420000053	04	3AA10	3033G	9/30/2020	Major Damage
399	0420000074	04	4G891	0086R	12/15/2021	Bridge
400	0420000096	04	0AC70	2033D	6/30/2020	Major Damage
401	0420000097	04	0AC80	2033E	4/30/2020	Major Damage
402	0420000099	04	0AC90	2033F	3/23/2021	Major Damage
403	0420000107	04	1AB50	2033H	1/30/2021	Major Damage
404	0420000112	04	2AB00	2033J	7/1/2020	Major Damage
405	0420000114	04	2AC20	2034D	2/17/2021	Major Damage
406	0420000159	04	0W020	2034E	1/14/2021	Major Damage
407	0500000007	05	0A050	1501	6/20/2022	Bridge
408	0500000049	05	0F700	7000	7/30/2020	Bridge
409	0500000514	05	39610	0335	3/14/2024	Bridge
410	0500020020	05	0G040	0040B	7/31/2020	Pavement
411	0500020284	05	1A000	2313	11/2/2020	Safety
412	0500020288	05	0Q500	2230	10/13/2021	Drainage
413	0512000068	05	0K330	3330	12/20/2021	Drainage
414	0512000107	05	1C250	2378	1/29/2021	Safety
415	0512000108	05	1C260	2379	6/1/2020	Safety
416	0512000135	05	1C370	2387	12/31/2020	Bridge
417	0512000194	05	1C670	2422	10/31/2021	Safety
418	0512000240	05	1C850	2432	7/7/2020	Pavement
419	0513000009	05	1C890	2474	8/31/2022	Pavement
420	0513000021	05	1C980	2452	4/16/2021	Collision Reduction
421	0513000023	05	1E000	2460	7/1/2021	Collision Reduction
422	0513000024	05	1E010	2462	7/15/2022	Collision Reduction
423	0513000052	05	1F080	2478	4/12/2022	Drainage
424	0513000101	05	0G071	0707Y	11/17/2021	Roadway Preservation
425	0513000151	05	1F430	2514	3/30/2020	Safety
426	0513000169	05	0T001	2267Y	12/30/2020	Safety
427	0514000002	05	1F490	2518	12/1/2021	Safety
428	0514000003	05	1F500	2522	7/15/2022	Bridge
429	0514000005	05	1F520	2585	7/7/2020	Bridge
430	0514000040	05	1F630	2532	3/15/2021	Mandates
431	0514000046	05	1F680	2534	12/31/2021	Pavement
432	0514000049	05	1F740	2546	12/23/2020	Pavement
433	0514000051	05	1F760	2538	11/25/2020	Pavement
434	0514000055	05	1F700	2540	2/1/2021	Pavement
435	0514000061	05	1F790	2561	11/1/2022	Bridge
436	0514000064	05	1F820	2565	5/8/2023	Bridge
437	0514000065	05	1F830	2567	10/22/2021	Bridge
438	0514000073	05	1F900	2571	9/8/2021	Collision Reduction
439	0514000075	05	1F920	2569	11/1/2021	Mandates
440	0514000110	05	1G130	2586	5/3/2021	Pavement
441	0514000111	05	1G140	2587	7/1/2020	Pavement

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442	0514000118	05	1G160	2590	10/2/2020	Mandates
443	0514000138	05	1G300	2594	9/15/2020	Safety
444	0514000140	05	1G310	2595	9/8/2020	Safety
445	0514000145	05	0Q601	1989Y	4/13/2023	Mandates
446	0515000019	05	0G041	0040C	11/1/2022	Pavement
447	0515000030	05	49282	4928Z	5/25/2022	Roadway Preservation
448	0515000079	05	1E051	2470Y	12/30/2021	Safety
449	0515000084	05	0T631	2292Y	5/7/2021	Safety
450	0515000097	05	0L721	0072	12/29/2023	Bridge
451	0515000098	05	0L722	0072A	11/1/2023	Bridge
452	0515000099	05	0L723	0072B	4/25/2023	Bridge
453	0516000010	05	1G990	2625	9/1/2022	Safety
454	0516000013	05	1H020	2633	8/4/2022	Collision Reduction
455	0516000015	05	1H040	2634	10/5/2021	Roadway Preservation
456	0516000016	05	0N200	4020	9/3/2020	Mobility
457	0516000020	05	1H060	2636	7/1/2021	Safety
458	0516000151	05	1H780	2688	10/14/2020	Major Damage
459	0517000017	05	1H930	2701	7/19/2022	Safety
460	0517000044	05	49283	4928W	11/1/2021	Roadway Preservation
461	0517000045	05	49284	4928X	2/2/2022	Roadway Preservation
462	0517000047	05	1H990	2735	6/22/2021	Mobility
463	0517000054	05	1J040	2705	8/28/2020	Multiple Objective
464	0517000082	05	1C821	2426	2/16/2023	Pavement
465	0517000084	05	1C823	2426C	6/14/2024	Pavement
466	0518000009	05	1J660	2758	7/10/2020	Major Damage
467	0518000092	05	1F75U	2548	6/1/2023	Bridge
468	0518000127	05	1K140	2875	3/16/2020	Major Damage
469	0518000156	05	1C85U	2804	7/7/2020	Pavement
470	0518000220	05	1K540	2905	4/9/2020	Major Damage
471	0518000222	05	1K560	2907	9/9/2020	Major Damage
472	0518000223	05	1K570	2908	8/21/2020	Major Damage
473	0518000224	05	1K580	2909	5/29/2020	Major Damage
474	0518000225	05	1K590	2911	6/30/2020	Major Damage
475	0518000226	05	1K600	2912	3/31/2020	Major Damage
476	0518000227	05	1K610	2912	9/30/2020	Major Damage
477	0518000228	05	1K620	2914	5/29/2020	Major Damage
478	0519000077	05	1M170	2997	6/30/2020	Major Damage
479	0519000078	05	1M180	2998		Major Damage
480	0519000079	05	1M190	3002	5/31/2020	Major Damage
481	0519000081	05	1M200	3003	4/22/2020	Major Damage
482	0520000037	05	1M610	3020	6/30/2020	Major Damage
483	0520000044	05	1M630	3022	6/30/2020	Major Damage
484	0600000973	06	47090	5335A	7/1/2021	Pavement
485	0600020148	06	46150	6508	8/1/2020	Pavement
486	0612000157	06	0H200	6521	7/19/2021	Bridge
487	0613000037	06	0E320	3729	8/3/2020	Collision Reduction
488	0613000051	06	0Q280	6661	8/1/2021	Pavement
489	0613000145	06	0Q180	6673	7/15/2020	Bridge
490	0613000152	06	0Q190	6674	11/1/2020	Bridge

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491	0613000243	06	0Q820	6749	7/1/2020	Drainage
492	0614000005	06	0Q910	6679	10/1/2021	Bridge
493	0614000009	06	0G851	6678	9/1/2021	Pavement
494	0614000010	06	0Q920	6681	11/1/2022	Pavement
495	0614000030	06	0R110	6802	12/1/2020	Drainage
496	0614000047	06	0Q900	6766	8/1/2021	Bridge
497	0614000051	06	0R170	6700	1/15/2021	Collision Reduction
498	0614000114	06	0S340	3034	4/3/2020	Pavement
499	0614000162	06	0S510	6709	7/1/2022	Safety
500	0614000220	06	0S550	6964	8/3/2020	Collision Reduction
501	0615000035	06	0T200	6731	3/1/2021	Pavement
502	0615000038	06	0S460	6727	7/5/2021	Pavement
503	0615000040	06	0T230	6736	6/1/2021	Collision Reduction
504	0615000043	06	0T250	6747	10/1/2020	Mandates
505	0615000046	06	0S830	6725	8/22/2023	Bridge
506	0615000048	06	0S470	6730	4/1/2020	Pavement
507	0615000052	06	0T280	6735	3/11/2020	Roadside Preservation
508	0615000053	06	0T290	6737	2/7/2020	Collision Reduction
509	0615000176	06	0U020	6750	9/1/2027	Roadside Preservation
510	0615000207	06	0U120	6751	8/1/2021	Bridge
511	0615000211	06	0U100	6755	9/1/2022	Pavement
512	0615000294	06	0U240	6796	10/31/2021	Drainage
513	0615000297	06	0U230	6795	1/1/2022	Drainage
514	0615000298	06	0U450	6809	10/29/2021	Pavement
515	0615000299	06	0U480	6810	9/30/2021	Pavement
516	0615000301	06	0U470	6820	10/1/2021	Pavement
517	0616000002	06	0U490	6889	12/15/2021	Pavement
518	0616000003	06	0U520	6789	4/1/2022	Pavement
519	0616000004	06	0U420	6800	11/22/2024	Pavement
520	0616000027	06	0U300	6797	8/1/2021	Major Damage
521	0616000028	06	0U730	6813	10/4/2021	Collision Reduction
522	0616000124	06	0V280	6791	8/1/2022	Safety
523	0616000183	06	0T301	6814	8/3/2020	Facilities
524	0616000194	06	0H140	6286	10/1/2021	Drainage
525	0616000206	06	0U170	6887	10/28/2021	Bridge
526	0616000209	06	0V750	6888	9/15/2020	Roadside Preservation
527	0617000062	06	0V910	6875	7/1/2021	Multiple Objective
528	0617000066	06	0V920	6880	6/1/2021	Mobility
529	0617000067	06	0V930	6883	11/30/2021	Mobility
530	0617000097	06	0W160	6884	9/16/2021	Drainage
531	0618000019	06	48464	6891	7/1/2020	Mobility
532	0618000061	06	0X390	6965	10/15/2021	Pavement
533	0618000088	06	0S311	3032A	7/1/2022	Safety
534	0619000008	06	0T20U	6737A	3/1/2021	Pavement
535	0619000081	06	0Y680	6993	12/26/2031	Major Damage
536	0619000173	06	0Y910	7006		Major Damage
537	0620000036	06	1A030	7034	9/15/2032	Major Damage
538	0700000142	07	13820	0444E	7/31/2022	Bridge
539	0700000412	07	24060	3321	9/17/2032	Roadway Preservation

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540	0700000457	07	25310	3734	7/12/2022	Drainage
541	0700000488	07	26040	3917	8/27/2025	Bridge
542	0700000512	07	27360	4107	9/1/2022	Safety
543	0700000519	07	27510	4159	7/21/2021	Safety
544	0700000525	07	27610	4174	12/24/2021	Mandates
545	0700000552	07	28150	4279	3/25/2020	Mandates
546	0700020042	07	4Y850	4383	10/15/2020	Bridge
547	0700020870	07	20212	4137A	12/15/2022	Pavement
548	0700020900	07	28660	4390	7/21/2021	Mandates
549	0700020923	07	28670	4387	3/30/2021	Mandates
550	0700021023	07	28820	4419	10/30/2020	Mandates
551	0700021024	07	28830	4420	12/30/2022	Mandates
552	0700021113	07	28920	4458	5/3/2021	Mandates
553	0700021123	07	28910	4457	12/30/2020	Mobility
554	0712000016	07	29000	4486	3/30/2020	Safety
555	0712000077	07	29100	4492	4/30/2020	Mandates
556	0712000083	07	29130	4496	3/23/2024	Bridge
557	0712000104	07	26080	3923	2/24/2022	Mandates
558	0712000109	07	29230	4505	12/1/2020	Safety
559	0713000016	07	29510	4586	2/8/2021	Collision Reduction
560	0713000018	07	29540	4710	2/12/2021	Collision Reduction
561	0713000030	07	29630	4593	10/30/2020	Collision Reduction
562	0713000031	07	29640	4594	9/1/2020	Collision Reduction
563	0713000035	07	29610	4598	2/8/2021	Collision Reduction
564	0713000037	07	29580	4595	6/3/2020	Collision Reduction
565	0713000057	07	29660	4599	7/1/2022	Bridge
566	0713000092	07	29680	4602	7/1/2020	Pavement
567	0713000149	07	29740	4614	6/30/2021	Safety
568	0713000239	07	29370	4552	4/1/2021	Mobility
569	0713000270	07	29850	4629	12/21/2023	Mobility
570	0713000302	07	29910	4632	12/30/2021	Safety
571	0713000314	07	29960	4652	10/15/2021	Collision Reduction
572	0713000333	07	3X950	4575	4/30/2020	Major Damage
573	0713000435	07	30040	4676	3/24/2021	Mandates
574	0713000479	07	30250	4688	9/15/2023	Pavement
575	0713000481	07	30220	4685	5/8/2020	Pavement
576	0713000488	07	30240	4687	8/31/2023	Pavement
577	0713000489	07	30080	4680	7/30/2020	Pavement
578	0713000493	07	30300	4691	10/27/2020	Mandates
579	0714000006	07	30340	4697	12/15/2020	Pavement
580	0714000007	07	30350	4698	6/30/2020	Pavement
581	0714000008	07	30330	4696	1/6/2021	Pavement
582	0714000009	07	30110	4699	1/14/2025	Pavement
583	0714000019	07	30130	4702	2/25/2022	Pavement
584	0714000020	07	30150	4700	7/1/2021	Pavement
585	0714000021	07	30140	4703	7/2/2021	Pavement
586	0714000030	07	30190	4707	10/30/2020	Collision Reduction
587	0714000031	07	30360	4708	4/16/2021	Collision Reduction
588	0714000032	07	30180	4706	3/30/2022	Collision Reduction

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589	0714000035	07	30370	4709	1/5/2024	Safety
590	0714000044	07	30390	4712	1/12/2024	Pavement
591	0714000055	07	30420	4715	2/5/2021	Collision Reduction
592	0714000056	07	30400	4713	1/6/2022	Collision Reduction
593	0714000057	07	30410	4714	1/29/2021	Collision Reduction
594	0714000058	07	30430	4716	9/30/2021	Collision Reduction
595	0714000061	07	30440	4717	10/6/2023	Mandates
596	0714000067	07	30450	4718	4/28/2023	Pavement
597	0714000073	07	30460	4719	9/30/2020	Mobility
598	0714000081	07	23830	3279	8/4/2021	Mandates
599	0714000086	07	30490	4722	12/3/2020	Mandates
600	0714000092	07	30520	4725	7/8/2021	Major Damage
601	0714000097	07	30510	4724	2/5/2021	Mobility
602	0714000104	07	25940	3884	3/30/2023	Mandates
603	0714000105	07	30570	4730	12/18/2020	Bridge
604	0714000177	07	30650	4744	1/22/2021	Mandates
605	0714000178	07	30660	4743	8/20/2021	Mandates
606	0714000204	07	2827U	4293	7/1/2020	Collision Reduction
607	0714000216	07	30720	4767	8/3/2020	Safety
608	0714000217	07	30750	4770	10/21/2021	Pavement
609	0714000222	07	30780	4773	6/30/2020	Pavement
610	0714000224	07	30800	4775	3/30/2021	Pavement
611	0714000238	07	3009U	4681	12/24/2020	Pavement
612	0714000264	07	30910	4785	4/1/2021	Safety
613	0714000281	07	30930	4788	10/29/2021	Bridge
614	0714000299	07	30960	4801	3/30/2023	Pavement
615	0715000001	07	31040	4804	7/30/2021	Pavement
616	0715000004	07	31070	4808	4/1/2021	Collision Reduction
617	0715000005	07	31100	4810	9/30/2021	Collision Reduction
618	0715000006	07	31110	4811	1/14/2022	Collision Reduction
619	0715000007	07	31080	4809	2/5/2021	Collision Reduction
620	0715000009	07	31130	4813	5/11/2023	Mandates
621	0715000010	07	31140	4814	5/3/2024	Mandates
622	0715000011	07	31160	4816	11/1/2024	Mandates
623	0715000012	07	31150	4815	5/1/2023	Mandates
624	0715000013	07	31170	4817	7/28/2023	Pavement
625	0715000014	07	31180	4818	11/3/2021	Pavement
626	0715000016	07	31190	4819	12/31/2021	Mobility
627	0715000051	07	31200	4830	6/15/2023	Mobility
628	0715000063	07	31230	4833	7/30/2020	Mandates
629	0715000064	07	31240	4834	3/27/2020	Mandates
630	0715000065	07	31250	4835	9/15/2020	Mandates
631	0715000066	07	31220	4832	3/30/2021	Mandates
632	0715000067	07	31260	4836	9/15/2020	Mandates
633	0715000069	07	31280	4838	9/15/2020	Mandates
634	0715000089	07	31340	4845	9/7/2021	Drainage
635	0715000092	07	31360	4847	9/15/2020	Drainage
636	0715000093	07	31370	4848	3/30/2021	Drainage
637	0715000095	07	31380	4849	3/9/2020	Drainage

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638	0715000116	07	31420	4853	1/14/2022	Bridge
639	0715000210	07	31650	4894	7/12/2021	Collision Reduction
640	0715000220	07	31680	4902	12/29/2023	Bridge
641	0715000227	07	31690	4903	1/6/2023	Roadway Preservation
642	0715000234	07	31700	4958	4/30/2020	Safety
643	0715000237	07	31730	4906	5/20/2022	Roadway Preservation
644	0715000241	07	31740	4908	1/31/2022	Mandates
645	0715000246	07	31750	4910	2/1/2022	Drainage
646	0715000277	07	31790	4915	8/19/2022	Bridge
647	0715000297	07	31840	4904	7/24/2020	Safety
648	0716000001	07	31880	4963	1/27/2022	Safety
649	0716000089	07	32570	5031	4/15/2022	Facilities
650	0716000112	07	32610	5036	12/31/2020	Major Damage
651	0716000117	07	32660	5037	7/30/2020	Safety
652	0716000144	07	2975U	4617	9/30/2020	Collision Reduction
653	0716000212	07	33020	5076	9/15/2020	Safety
654	0716000233	07	33160	5084	5/13/2022	Safety
655	0716000234	07	33170	5085	11/30/2020	Safety
656	0716000287	07	33260	5152	6/21/2023	Safety
657	0716000290	07	33270	5153	4/29/2022	Safety
658	0716000297	07	33290	5155	12/31/2021	Safety
659	0716000306	07	33340	5180	9/15/2020	Major Damage
660	0717000036	07	33760	5219	1/14/2022	Drainage
661	0717000053	07	33800	5223	8/16/2021	Drainage
662	0717000160	07	33980	5239	7/14/2021	Safety
663	0717000172	07	34040	5247	12/30/2020	Mobility
664	0717000173	07	34050	5246	12/30/2020	Mobility
665	0717000174	07	34060	5245	7/15/2021	Mobility
666	0717000201	07	34170	5257	11/30/2021	Safety
667	0717000244	07	34210	5281	6/15/2028	Bridge
668	0717000277	07	34240	5287	12/30/2022	Facilities
669	0718000018	07	34340	5298	12/1/2021	Bridge
670	0718000042	07	34400	5379	7/15/2024	Facilities
671	0718000317	07	30701	4749	11/3/2021	Mandates
672	0719000057	07	1XJ50	5468	6/30/2020	Major Damage
673	0719000060	07	1XJ40	5467		Major Damage
674	0719000091	07	3096U	4801	12/29/2023	Pavement
675	0719000092	07	1XJ70	5470	3/24/2020	Major Damage
676	0719000125	07	1XK00	5473	12/1/2020	Major Damage
677	0719000131	07	1XK10	5474	5/30/2020	Major Damage
678	0719000134	07	1XK30	5476	12/1/2020	Major Damage
679	0719000135	07	1XK20	5475		Major Damage
680	0719000143	07	1XK40	5477	2/25/2020	Major Damage
681	0719000148	07	1XK50	5478		Major Damage
682	0719000159	07	1XK70	5480	5/20/2020	Major Damage
683	0719000166	07	1XK80	5481	8/30/2020	Major Damage
684	0719000167	07	1XK90	5482		Major Damage
685	0719000176	07	1XL00	5548		Major Damage
686	0719000177	07	1XL10	5549		Major Damage

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687	0719000187	07	1XL40	5552	7/10/2020	Major Damage
688	0719000188	07	1XL30	5551	2/27/2020	Major Damage
689	0719000199	07	1XL50	5553	7/15/2020	Major Damage
690	0719000200	07	1XL60	5554	3/27/2020	Major Damage
691	0719000202	07	1XL70	5555		Major Damage
692	0719000207	07	1XL90	5557		Major Damage
693	0719000208	07	1XM10	5559	3/5/2020	Major Damage
694	0719000209	07	3118U	4818	11/3/2021	Mandates
695	0719000210	07	1XM20	5560		Major Damage
696	0719000232	07	1XM40	5562	6/15/2020	Major Damage
697	0719000250	07	1XM70	5565		Major Damage
698	0719000296	07	1XN40	5593	1/22/2020	Major Damage
699	0720000006	07	1XN50	5594	2/5/2020	Major Damage
700	0720000037	07	1XN90	5598	6/30/2020	Major Damage
701	0720000065	07	1XN80	5597	7/6/2020	Major Damage
702	0720000121	07	1XP00	5599	5/30/2020	Major Damage
703	0720000123	07	1XP30	5602	10/17/2020	Major Damage
704	0720000124	07	1XP10	5600	9/2/2020	Major Damage
705	0720000126	07	1XP40	5603	12/11/2020	Major Damage
706	0720000127	07	1XP50	5604	8/30/2020	Major Damage
707	0720000136	07	1XP80	5607	5/30/2020	Major Damage
708	0800000536	08	0N670	0056H	2/1/2021	Safety
709	0800001025	08	0P390	0191G	4/8/2021	Safety
710	0800020191	08	0Q300	0237P	5/4/2020	Safety
711	0800020220	08	0Q180	0045G	11/15/2022	Safety
712	0800020358	08	0F030	0033E	9/1/2021	Bridge
713	0800020563	08	0K840	3001P	3/2/2022	Facilities
714	0800020580	08	0Q910	0133N	7/2/2021	Bridge
715	0812000025	08	0R150	3001R	11/1/2023	Safety
716	0812000029	08	0R160	0206Y	3/1/2022	Safety
717	0812000074	08	0H470	0127J	11/2/2021	Bridge
718	0812000076	08	0R420	3005R	12/1/2022	Facilities
719	0812000100	08	0K293	0163C	9/1/2020	Pavement
720	0812000111	08	0G800	0205C	8/1/2023	Drainage
721	0812000124	08	38852	0256C	5/4/2020	Bridge
722	0812000270	08	1C300	3001U	11/2/2020	Collision Reduction
723	0812000287	08	1C090	0033N	11/15/2022	Pavement
724	0812000334	08	1C590	3001Y	8/3/2020	Mandates
725	0812000336	08	1C610	0028C	7/1/2020	Mandates
726	0812000339	08	1C640	0033R	7/2/2020	Mobility
727	0812000341	08	1C660	3002A	4/2/2021	Mandates
728	0812000343	08	1C680	3002C	1/3/2022	Bridge
729	0813000047	08	1C850	0050P	10/30/2024	Safety
730	0813000140	08	1E060	3006F	7/6/2022	Safety
731	0813000213	08	0J851	0238P	11/1/2022	Bridge
732	0814000026	08	1E460	3001J	5/29/2020	Safety
733	0814000051	08	1E570	3002F	11/15/2021	Bridge
734	0814000103	08	1E780	3002H	1/8/2020	Roadway Preservation
735	0814000113	08	1E840	0023C	7/1/2022	Pavement

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736	0814000114	08	1E850	0241C	4/30/2020	Pavement
737	0814000176	08	0G790	3009N	10/18/2022	Mobility
738	0814000248	08	1F550	3005S	6/29/2022	Safety
739	0814000256	08	1F590	3003P	7/1/2021	Mandates
740	0814000257	08	1F600	3002R	3/9/2022	Mandates
741	0815000016	08	1F690	0066Q	10/30/2020	Pavement
742	0815000034	08	1F730	3002S	10/3/2022	Bridge
743	0815000047	08	1F780	3006H	2/27/2020	Safety
744	0815000055	08	1F830	3001A	1/4/2021	Major Damage
745	0815000059	08	1F920	3002T	4/30/2020	Mobility
746	0815000106	08	1G010	3005P	11/1/2022	Major Damage
747	0815000107	08	1G000	3002U	9/1/2022	Major Damage
748	0815000160	08	1F361	0178P	11/1/2021	Roadway Preservation
749	0815000162	08	1F372	3005C	5/3/2021	Roadway Preservation
750	0815000163	08	1F371	0022K	11/1/2021	Roadway Preservation
751	0815000168	08	38423	3009A	9/1/2020	Mobility
752	0815000170	08	1G210	3003X	12/31/2020	Mobility
753	0815000201	08	0R142	3003J	8/1/2024	Safety
754	0815000211	08	1F131	3002V	2/1/2022	Pavement
755	0815000212	08	1F132	3003Y	11/29/2021	Pavement
756	0815000231	08	1F141	3003K	12/3/2021	Pavement
757	0815000232	08	1F142	3003L	11/15/2021	Pavement
758	0815000233	08	1F143	3003M	7/1/2022	Pavement
759	0815000238	08	1G450	3005K	6/1/2020	Safety
760	0815000242	08	0K123	3003V	10/4/2021	Pavement
761	0815000244	08	0K122	3003U	1/2/2024	Pavement
762	0815000245	08	0K121	3003T	6/1/2021	Pavement
763	0816000003	08	1F133	3004A	2/1/2022	Pavement
764	0816000011	08	1F362	3005A	5/3/2021	Roadway Preservation
765	0816000060	08	1G740	3005L	10/1/2021	Major Damage
766	0816000087	08	1C082	3008Y	5/1/2024	Pavement
767	0816000162	08	1H140	3006X	11/5/2020	Safety
768	0816000186	08	47642	3007S	4/29/2022	Mobility
769	0817000006	08	1H290	3006J	10/1/2021	Major Damage
770	0817000024	08	1H271	3006T	3/1/2023	Major Damage
771	0817000029	08	1H371	3006E	6/28/2020	Major Damage
772	0817000031	08	1H400	3006V	12/31/2021	Major Damage
773	0817000060	08	1F44U	3007V	1/4/2023	Collision Reduction
774	0817000074	08	1H530	3006W	12/2/2020	Mobility
775	0817000075	08	0E33U	3003U	6/1/2022	Mobility
776	0817000103	08	1H660	3007E	8/31/2020	Multiple Objective
777	0817000114	08	0Q75U	0224N	7/6/2021	Pavement
778	0817000132	08	1H770	3010E	7/1/2021	Safety
779	0817000193	08	1J060	3009F	11/1/2022	Pavement
780	0817000196	08	1C38U	3008U	7/5/2022	Collision Reduction
781	0817000216	08	1H321	3008Q	6/29/2022	Pavement
782	0817000219	08	1C29U	3003F	10/14/2020	Collision Reduction
783	0818000175	08	1E611	3010Q	10/1/2020	Safety
784	0818000195	08	1K120	3010V	5/15/2020	Major Damage

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785	0819000001	08	1K210	3012S	4/15/2020	Major Damage
786	0819000006	08	1K260	3012T	5/15/2020	Major Damage
787	0819000008	08	1K270	3012U	2/19/2020	Major Damage
788	0819000012	08	1K300	3012W	9/3/2020	Major Damage
789	0819000030	08	1K390	3013E	8/14/2020	Major Damage
790	0819000057	08	1K540	3013Q	7/15/2020	Major Damage
791	0819000058	08	1K520	3013N	10/14/2020	Major Damage
792	0819000106	08	1K820	3014A	7/15/2020	Major Damage
793	0820000010	08	1L300	3015X	7/15/2020	Major Damage
794	0820000082	08	1L470	3016H	4/23/2020	Major Damage
795	0820000083	08	1L480	3016J	5/22/2020	Major Damage
796	0820000088	08	1L500	3016K	4/1/2020	Major Damage
797	0820000096	08	1L540	3016Q	5/1/2020	Major Damage
798	0900020002	09	33500	0566	7/1/2021	Safety
799	0914000030	09	36370	2617	11/2/2020	Safety
800	0915000002	09	36340	0653	10/15/2020	Drainage
801	0916000025	09	36740	2633	5/1/2022	Pavement
802	0917000054	09	37270	2643	11/2/2020	Multiple Objective
803	1012000020	10	0W620	3008	9/1/2021	Collision Reduction
804	1012000021	10	0W630	3009	3/15/2021	Collision Reduction
805	1012000055	10	0P550	0338	12/30/2020	Bridge
806	1012000193	10	0H480	5411	9/28/2021	Roadway Preservation
807	1013000002	10	0X520	3149	12/1/2021	Mandates
808	1013000009	10	0X750	3134	8/29/2023	Bridge
809	1013000053	10	0L020	0321	7/2/2021	Bridge
810	1013000108	10	0Y110	3018	8/30/2021	Safety
811	1013000148	10	0H560	3275	10/29/2020	Mobility
812	1013000241	10	0X690	3110	9/7/2020	Collision Reduction
813	1013000244	10	0Y600	3131	12/31/2020	Safety
814	1013000247	10	0X710	3120	9/2/2020	Collision Reduction
815	1013000248	10	0X700	3111	6/30/2020	Collision Reduction
816	1013000249	10	0X660	3143	4/1/2021	Collision Reduction
817	1013000251	10	0P540	3118	10/28/2022	Bridge
818	1013000254	10	0E960	0335	1/15/2021	Pavement
819	1013000259	10	3A720	5431	12/30/2022	Pavement
820	1013000265	10	0X310	3148	7/1/2022	Bridge
821	1014000098	10	1C200	3140	12/1/2021	Drainage
822	1014000099	10	0S750	3138	9/1/2022	Drainage
823	1014000100	10	0S680	3142	9/1/2023	Drainage
824	1014000108	10	1C290	3088	7/1/2020	Pavement
825	1014000134	10	1C280	3145	7/9/2022	Mobility
826	1014000144	10	1C170	3089	3/17/2023	Pavement
827	1014000145	10	1C300	5002	9/15/2020	Mobility
828	1014000158	10	0V110	3130	2/9/2021	Safety
829	1015000001	10	1C620	3147	12/28/2020	Mobility
830	1015000002	10	1C530	3129	7/15/2020	Roadway Preservation
831	1015000003	10	0L870	0037	10/29/2021	Mobility
832	1015000004	10	1C690	3119	12/1/2020	Drainage
833	1015000005	10	0S120	3139	8/12/2020	Drainage

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834	1015000007	10	0Y800	3137	10/15/2020	Roadway Preservation
835	1015000037	10	1C800	3113	4/21/2022	Bridge
836	1015000113	10	1E770	3158	1/15/2020	Drainage
837	1015000115	10	1E700	3125	6/30/2021	Mandates
838	1016000020	10	1C940	3193	3/31/2021	Bridge
839	1016000021	10	1C970	3190	7/15/2021	Safety
840	1016000022	10	1C880	3206	12/24/2020	Bridge
841	1016000023	10	1C860	3198	1/20/2021	Bridge
842	1016000026	10	1C500	3165	7/15/2022	Pavement
843	1016000027	10	0X670	3189	9/1/2021	Collision Reduction
844	1016000031	10	1E531	3207	11/30/2021	Safety
845	1016000075	10	1C460	3202	8/15/2020	Safety
846	1016000139	10	1F460	3177	4/21/2022	Safety
847	1016000147	10	0X56Y	3011Y	10/31/2022	Safety
848	1017000006	10	0W870	3245	9/15/2021	Mobility
849	1017000034	10	1C040	3233	12/6/2021	Pavement
850	1017000036	10	1G750	3227	7/29/2022	Mobility
851	1017000142	10	0W901	3010	4/17/2020	Mandates
852	1017000155	10	0W902	3010B	11/4/2020	Mandates
853	1018000067	10	1G721	3209A	8/14/2020	Multiple Objective
854	1018000068	10	1G722	3209B	5/7/2020	Multiple Objective
855	1018000078	10	1H342	3235B	12/30/2021	Bridge
856	1018000083	10	1G440	3286	12/1/2021	Mobility
857	1019000021	10	1K440	3430		Major Damage
858	1019000027	10	1K450	3431		Major Damage
859	1019000029	10	1K470	3432		Major Damage
860	1019000097	10	1K750	3449		Major Damage
861	1019000098	10	1K760	3450		Major Damage
862	1019000104	10	1K810	3457		Major Damage
863	1019000117	10	1K920	3459		Major Damage
864	1020000062	10	1L810	3479		Major Damage
865	1020000065	10	1L840	3478		Major Damage
866	1100020265	11	40570	1020	2/21/2020	Safety
867	1100020271	11	40580	1022	4/30/2020	Mandates
868	1112000043	11	40910	1085	11/22/2021	Collision Reduction
869	1112000140	11	41110	1083	8/21/2020	Collision Reduction
870	1112000193	11	41480	1068	7/31/2020	Safety
871	1113000090	11	41660	1163	3/6/2020	Safety
872	1114000027	11	41740	1125	5/31/2023	Mandates
873	1114000028	11	41750	1164	12/29/2023	Mandates
874	1114000056	11	41810	1127	1/11/2022	Mandates
875	1114000063	11	41820	1134	11/23/2020	Drainage
876	1114000074	11	2T215	1136	1/28/2022	Mobility
877	1114000118	11	41131	1165	8/11/2021	Collision Reduction
878	1115000026	11	42030	1135	3/11/2020	Safety
879	1115000034	11	42040	1204		Mandates
880	1115000036	11	41950	1176	4/29/2020	Pavement
881	1115000041	11	42000	1177	4/6/2021	Pavement
882	1115000042	11	41930	1162	6/24/2022	Pavement

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883	1115000047	11	42010	1137	7/9/2021	Mobility
884	1115000057	11	42070	1171	4/20/2022	Mobility
885	1115000060	11	42080	1174	9/4/2020	Mobility
886	1115000132	11	41132	1166	8/1/2020	Collision Reduction
887	1115000133	11	41133	1167	2/11/2022	Collision Reduction
888	1115000134	11	41134	1168	10/15/2020	Collision Reduction
889	1115000139	11	41851	0558	6/30/2020	Pavement
890	1115000183	11	42260	1192	12/31/2021	Drainage
891	1116000076	11	42470	1190	11/12/2021	Safety
892	1116000094	11	42490	1200	1/29/2021	Safety
893	1116000095	11	42500	1201	12/11/2020	Safety
894	1116000097	11	42550	1237	5/28/2020	Roadway Preservation
895	1116000101	11	42560	1281	9/1/2022	Mobility
896	1116000144	11	42690	1221	7/16/2020	Bridge
897	1117000021	11	42780	1240	6/10/2022	Mandates
898	1117000028	11	42810	1246	9/15/2022	Drainage
899	1117000102	11	42970	1262	12/1/2022	Mobility
900	1117000103	11	42980	1263	5/19/2022	Mobility
901	1117000113	11	43000	1264		Mandates
902	1117000215	11	43018	1280	1/18/2023	Bridge
903	1118000219	11	42211	1332	7/31/2021	Drainage
904	1119000009	11	43052	1342	5/19/2020	Pavement
905	1119000012	11	43055	1343		Major Damage
906	1119000020	11	43058	1347	5/29/2020	Major Damage
907	1119000057	11	43066	1368	12/28/2023	Major Damage
908	1119000081	11	4306U	1283	6/30/2020	Drainage
909	1119000103	11	43068	1356	4/22/2021	Major Damage
910	1119000131	11	43071	1365	5/25/2021	Major Damage
911	1119000134	11	43073	1364		Major Damage
912	1120000025	11	43102	1407	2/20/2020	Major Damage
913	1200000211	12	0H270	3184	7/1/2021	Drainage
914	1200020302	12	0M090	4097C	3/1/2021	Mandates
915	1212000018	12	0M350	4952B	6/1/2020	Safety
916	1212000031	12	0F970	3230A	7/1/2022	Drainage
917	1212000052	12	0H045	4956	10/1/2020	Mobility
918	1212000096	12	0M520	3089A	7/1/2021	Safety
919	1213000017	12	0M900	2941	4/4/2022	Safety
920	1213000036	12	0M910	4317	8/5/2020	Mandates
921	1213000086	12	0M990	2293	1/22/2021	Bridge
922	1213000097	12	0N060	4793	4/18/2023	Safety
923	1213000100	12	0N080	2859A	11/1/2020	Collision Reduction
924	1213000102	12	0N100	4839A	8/1/2020	Collision Reduction
925	1213000182	12	0N220	2769D	11/1/2021	Mobility
926	1213000196	12	0N320	4609B	2/26/2021	Pavement
927	1214000037	12	0H234	1984	2/26/2021	Mobility
928	1214000041	12	0M820	2300	5/26/2023	Mandates
929	1214000050	12	0N490	4642A	12/1/2020	Mobility
930	1214000054	12	0N510	2841	2/1/2022	Collision Reduction
931	1214000055	12	0N520	4999D	10/1/2021	Collision Reduction

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932	1214000056	12	0N530	3535	12/1/2021	Collision Reduction
933	1214000073	12	0N630	3510	10/1/2020	Safety
934	1214000077	12	0N660	4795A	12/1/2021	Safety
935	1214000093	12	0N720	4051A	12/17/2021	Safety
936	1214000104	12	0L722	4124B	8/1/2023	Safety
937	1214000115	12	0N840	4096P	10/9/2020	Safety
938	1214000116	12	0N850	2527	7/1/2021	Safety
939	1214000123	12	0N860	4096R	9/15/2022	Safety
940	1214000124	12	0N870	4769	10/1/2020	Safety
941	1215000009	12	0N930	2403A	8/14/2020	Drainage
942	1215000010	12	0N920	2948	7/1/2021	Drainage
943	1215000022	12	0P010	3167	7/1/2021	Safety
944	1215000024	12	0P030	4218	9/20/2024	Safety
945	1215000034	12	0P090	2632A	12/13/2023	Mandates
946	1215000045	12	0G950	3483	1/30/2026	Mobility
947	1215000053	12	0P220	4995A	2/27/2020	Safety
948	1215000075	12	0C78U	5054	7/20/2023	Mobility
949	1215000082	12	0N822	2200C	3/1/2021	Mobility
950	1215000093	12	0P400	4984	11/1/2021	Safety
951	1215000094	12	0P390	2861D	5/15/2020	Safety
952	1215000137	12	0P520	2981	3/1/2022	Safety
953	1215000148	12	0P580	4337	9/30/2022	Pavement
954	1216000004	12	0P700	2563	2/1/2023	Drainage
955	1216000007	12	0P720	3575	2/10/2021	Safety
956	1216000055	12	0H150	2246	2/1/2022	Pavement
957	1216000070	12	0P980	2930	1/10/2020	Safety
958	1216000078	12	0Q040	4533A	4/1/2020	Safety
959	1216000097	12	0P42U	2859B	2/1/2023	Mobility
960	1216000120	12	0Q280	2470A	12/15/2022	Safety
961	1216000122	12	0Q290	3279	12/2/2020	Safety
962	1216000123	12	0Q300	2861F	3/29/2021	Safety
963	1216000133	12	0Q360	4792	8/8/2023	Drainage
964	1217000042	12	0Q420	4373	10/1/2021	Safety
965	1217000084	12	0Q660	3458A	11/2/2020	Pavement
966	1217000088	12	0Q690	1203	7/1/2022	Mobility
967	1217000115	12	0Q840	3424A	7/15/2021	Safety
968	1217000116	12	0Q850	2860P	9/15/2022	Safety
969	1218000058	12	0H153	2246B	5/26/2023	Pavement
970	1219000013	12	0R660	2603		Major Damage
971	1219000043	12	0R810	2839		Major Damage
972	1219000075	12	0P671	2859C	2/1/2023	Mobility
973	1219000076	12	0P672	2859D	2/1/2023	Mobility
974	1220000002	12	0S240	4570B	1/21/2020	Major Damage
975	1220000007	12	0S250	5495B	2/28/2020	Major Damage
976	1220000008	12	0S260	3789A	9/15/2020	Major Damage
977	1220000039	12	0S320	2862N	5/30/2020	Major Damage
978	1220000049	12	0S350	1205	6/18/2020	Major Damage

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