

CALIFORNIA TRANSPORTATION COMMISSION

Adoption of the 2018 State Highway Operation and Protection Program March 22, 2018

RESOLUTION G-18-13

- 1.1 WHEREAS, Government Code section 14526.5(a) requires the California Department of Transportation (Department) to prepare, based on the Transportation Asset Management Plan, a State Highway Operation and Protection Program (SHOPP) containing projects that are necessary to preserve and protect the state highway system; and
- 1.2 WHEREAS, pursuant to Government Code section 14526.4, the Department, in consultation with the California Transportation Commission (Commission), prepared a Transportation Asset Management Plan consistent with state and federal regulations to guide selection of projects for the SHOPP as required by Section 14526.5; and
- 1.3 WHEREAS, the Department's Transportation Asset Management Plan is a document assessing the health and condition of the state highway system with which the Department is able to determine the most effective way to apply the state's limited resources; and
- 1.4 WHEREAS, pursuant to Government Code section 14526.4, in connection with the Transportation Asset Management Plan, the Commission has adopted targets and performance measures reflecting state transportation goals and objectives; and
- 1.5 WHEREAS, Government Code section 14526.5(b) requires the SHOPP to include those projects for which construction is to begin within four fiscal years, starting July 1 of the year following the year the SHOPP is submitted; and
- 1.6 WHEREAS, Government Code sections 14526.5(c) and (d) require that each project in the SHOPP specifies the capital and support budget for each phase, the delivery date of each major component and performance matrices as determined by the Commission; and
- 1.7 WHEREAS, Government Code section 14526.5(d), requires the Department to submit the SHOPP to the Commission not later than January 31 of each even-numbered year, and prior to submitting the SHOPP to the Commission the Department shall make a draft of the SHOPP available to transportation planning agencies for review and comment and shall include the comments in its submittal to the Commission; and
- 1.8 WHEREAS, Government Code section 14526.5(e) requires the Commission to review the SHOPP relative to its overall adequacy and consistency with the Transportation Asset Management Plan and that the Commission may decline to adopt the SHOPP if the Commission determines that it is not sufficiently consistent with the Transportation Asset Management Plan; and

- 1.9 WHEREAS, the Department has provided, and the Commission has approved, asset class performance benchmarks based on the 2018 SHOPP investment level to measure progress towards meeting the ten year Transportation Asset Management Plan performance targets; and
- 1.10 WHEREAS, the performance benchmarks demonstrate the 2018 SHOPP investment and subsequent SHOPP investments are necessary to achieve the 2027 targets adopted by the Commission and as specified in SB 1; and
- 1.11 WHEREAS, Government Code section 14526.5(e) requires the Commission to adopt the SHOPP and submit it to the Legislature and the Governor not later than April 1 of each even-numbered year; and
- 1.12 WHEREAS, Government Code section 14526.5(f) requires the Commission, prior to adopting the SHOPP, to hold at least one SHOPP hearing in Northern California and one hearing in Southern California; and
- 1.13 WHEREAS, the Commission has held the required Northern and Southern SHOPP hearings; and
- 1.14 WHEREAS, the Commission has reviewed the Proposed 2018 SHOPP relative to its overall adequacy, consistency with the Transportation Asset Management Plan prepared and approved pursuant to Government Code 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.
- 2.1 NOW THEREFORE BE IT RESOLVED, that the Commission finds that the 2018 SHOPP is consistent with the Transportation Asset Management Plan, the 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; and
- 2.2 BE IT FURTHER RESOLVED, that the Commission hereby adopts the 2018 SHOPP; and
- 2.3 BE IT FURTHER RESOLVED, that the Commission expects the Department to report annually to the Commission on its progress toward meeting the targets and performance measures adopted by the Commission and established by Senate Bill 1.

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM

2018 SHOPP

FISCAL YEARS
2018-19 through 2021-22

Prepared by the CALIFORNIA DEPARTMENT OF TRANSPORTATION

In accordance with Government Code section 14526.5

CALIFORNIA STATE TRANSPORTATION AGENCY

Adopted by the California Transportation Commission

March 22, 2018



Edmund G. Brown Jr. *Governor, State of California*

Brian Annis Secretary, California State Transportation Agency

Laurie Berman
Director, California Department of Transportation

EXECUTIVE SUMMARY

The 2018 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 mandated project categories such as retrofitting existing SHS facilities to comply with the Americans with Disabilities Act and storm water control requirements. The SHOPP includes funding reservations for projects such as emergency repairs and safety where specific project funding needs cannot be anticipated prior to actual incidents and for particular needs that have a set amount of annual funding. 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. Revenues for the SHOPP are generated by federal and state gas taxes and are fiscally constrained by the State Transportation Improvement Program Fund Estimate (Fund Estimate) that is produced by California Department of Transportation (Caltrans) and adopted by the California Transportation Commission (Commission).

For the 2018 SHOPP, Caltrans will implement \$17.96 billion in projects over four years, covering Fiscal Years 2018-19 through 2021-22. A four-year summary of SHOPP investments is provided in Table 2. A more detailed summary is available within the full SHOPP document in Exhibit A and the full listing of projects in Exhibit F. Consistent with Senate Bill 486 (Chapter 917, Statutes of 2014), Caltrans submitted the proposed program of projects to the Commission on January 31, 2018 for Commission review and adoption. The Commission adopted the 2018 SHOPP at their meeting on March 22, 2018. The adopted SHOPP is due for submittal by the Commission to the Governor and the Legislature no later than April 1, 2018.

Senate Bill 486 (SB 486) requires that Caltrans invest SHOPP funds in accordance with the approved Transportation Asset Management Plan (TAMP). Similarly, federal transportation policies are implementing performance based funding criteria and performance targets focused on specific asset classes. The 2018 SHOPP has transitioned to performance driven asset management. For the 2018 SHOPP, the Commission approved four asset classes for the first phase of this transition period: pavement, bridge, culverts and TMS. These asset classes are highlighted in this document and are summarized below in Figure 1.

Figure 1 - 2018 SHOPP Performance Measures



5,576 Lane-miles of pavement improved



494 Bridges rehabilitated



4,334 Culverts rehabilitated



5,638 field elements addressed

With the enactment of Senate Bill 1 (SB 1) (Road Repair and Accountability Act of 2017), additional funding has been made available for transportation investments across the state, including maintenance and repair of highways, local roads, bridges, and transit systems, and to also address the state's most congested corridors and to improve the movement of freight. For the SHOPP, \$6.4 billion of programming capacity has been added to the four-year 2018 funding cycle due to SB 1 to help achieve the performance measures identified in Figure 1. For the SHOPP, SB 1 directs Caltrans to focus new highway repair revenue on four primary highway asset classes: pavement, bridge, culverts and TMS. Moreover, as indicated in the 2017 Highway System Management Plan (SHSMP), SB 1 funds both the SHOPP and Maintenance Program expenditures in perpetuity. There is no sunset date for SB 1. Table 1 outlines the ten-year goals to be achieved for the highway system for pavement, bridge, culverts and TMS asset classes.

Table 1 - End of Plan 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 202. 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 element to be in good condition by 2027.

In addition to addressing fix-it-first needs, safety, emergencies, and mandates, SHOPP projects often provide opportunities to address other vital State priorities such as the reduction of transportation related greenhouse gas (GHG) emissions, implementation of Complete Streets elements such as pedestrian and bicycle facilities, and enhancements to wildlife connectivity and fish passages. 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 excellent opportunity to evaluate whether the project can also meet pedestrian and bicycle needs, and if appropriate, to include those elements into the project scope early in the project development process.

The 2018 SHOPP was prepared by Caltrans in accordance with Government Code section 14526.5, Streets and Highways Code section 164.6, and the strategies outlined in Caltrans' Policy for Management of the SHOPP and CTC SHOPP Guidelines. The 2018 SHOPP is the culmination of a multi-year development cycle that began with the identification of SHS rehabilitation needs and priorities for the preparation of the 2017 State Highway System Management Plan (SHSMP), which has both a needs based funding estimate and a fiscally constrained funding estimate. The 2018 SHOPP Project List is also consistent with the 2018 Transportation Asset Management Plan (TAMP) that Caltrans prepared per state and federal requirements. The 2018 TAMP identifies at a broad level the maintenance and capital 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 National Highway System. Not all of the SHS is included in the National Highway System and some of the facilities included in the National Highway System are local roads not on the SHS. The SHOPP only includes projects located on the SHS. The 2018 TAMP is scheduled for consideration and approval at the January 2018 Commission meeting.

An additional component of the SHOPP is a funding program referred to as the Minor Program. For the four years of the 2018 SHOPP, the Minor Program will provide \$600 million to Caltrans to implement relatively low cost (less than \$ 1.25 million) capital projects that are SHOPP eligible. These funds enable Caltrans to quickly address small-scale needs that are beyond the scope of what the Caltrans Maintenance Program can address but of a scale that does not necessitate an extensive project development process that is required for more costly and complex capital projects. A Minor Program of projects is proposed by Caltrans on an annual basis for Commission approval and the Minor Program funding is included within the SHOPP.

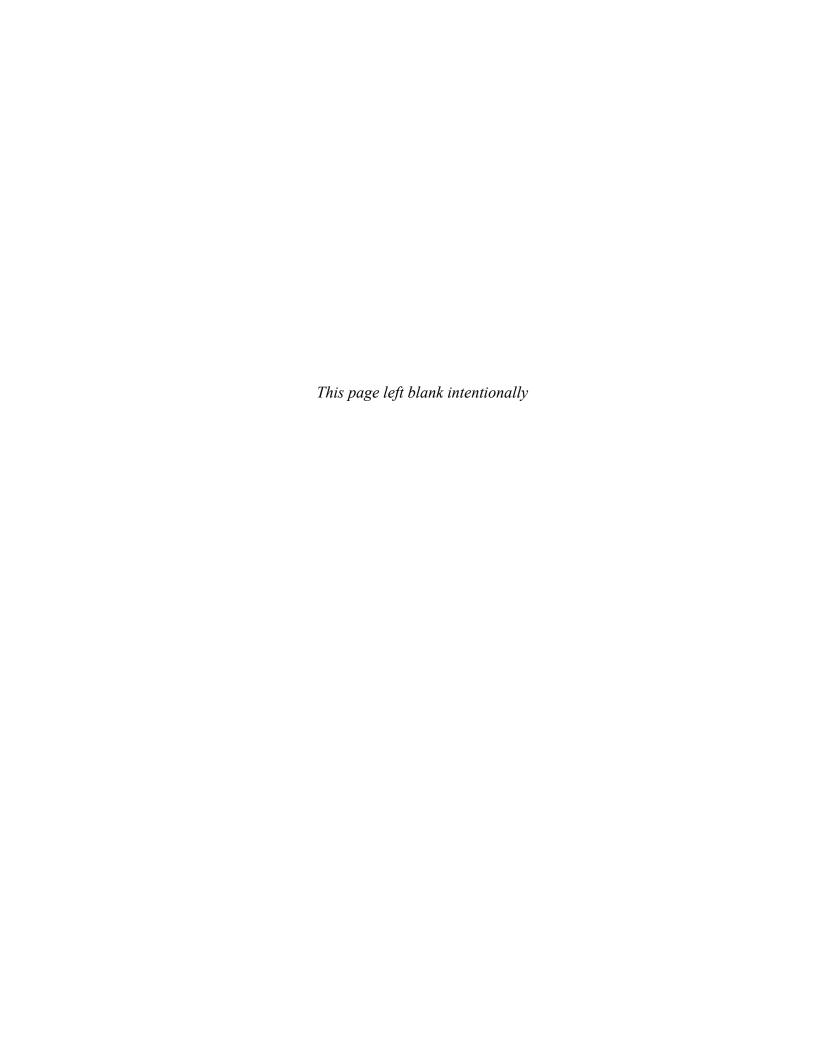
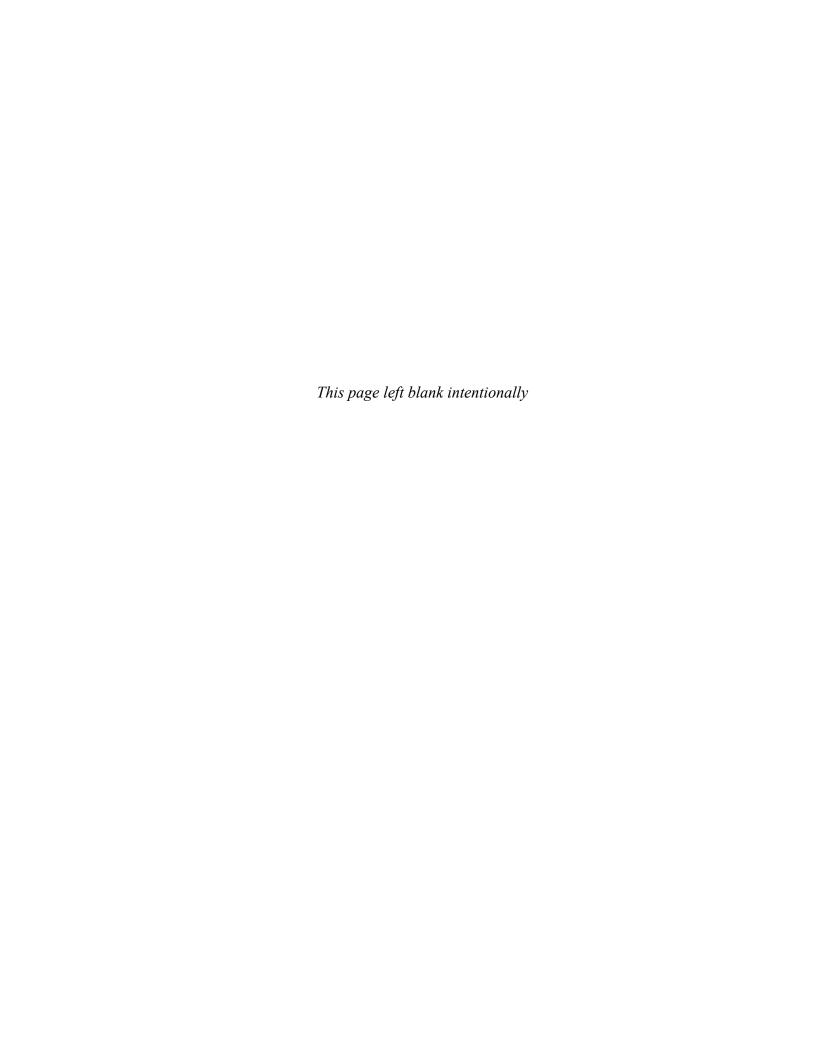


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INTRODUCTION

The 2018 State Highway Operation and Protection Program (SHOPP) was prepared 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), Senate Bill 1 (SB 1) (Chapter 5, Statutes of 2017), Interim California Transportation Commission (Commission) SHOPP Guidelines, the 2017 State Highway System Management Plan (SHSMP), the 2018 Transportation Asset Management Plan (TAMP), and the strategies outlined in the California Department of Transportation's (Caltrans) Policy for Management of the SHOPP (Exhibit E). The 2018 SHOPP also addresses related statutes, executive orders, and policies focusing on the reduction of transportation related greenhouse gas emissions, complete streets, wildlife habitat connectivity, and other topics. All statutory requirements were addressed in the development of the 2018 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 operations systems, safety roadside rest areas, and maintenance stations; and most importantly, to address safety and emergency repair needs. The 2018 SHOPP is a four-year program of projects that addresses these needs for fiscal years 2018-19 through 2021-22. SHOPP projects are prohibited from adding additional roadway or highway lanes, though specified auxiliary lanes are eligible for SHOPP funding.

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 below. 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, performance measures, estimated capital and support costs, and delivery schedule.

2016-17 2017-18 2018-19 2019-20 2020-21 2021-22 Year 1 Year 2 Year 3 Year 4 **2016 SHOPP Projects Projects Projects Projects** Year 1 Year 2 Year 3 Year 4 **2018 SHOPP Projects Projects Projects Projects**

Figure 2 - Relationship between 2016 and 2018 SHOPP Cycles

The SHOPP programming cycle has four major elements:

- First, the SHSMP is updated by Caltrans every two years to describe and quantify the rehabilitation and reconstruction needs on the SHS for a ten-year period. The SHSMP has previously been referred to as the Ten-Year SHOPP Plan. The SHSMP is developed by Caltrans and delivered to the Commission for approval by January 31st of each odd-numbered year.
- Second, 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.
- Third, the programming cycle's fiscal capacity is developed by Caltrans and approved by the Commission to issue the State Transportation Improvement Program Fund Estimate (Fund Estimate) that identifies how much funding is forecast to be available each year for the fouryear estimate period of the SHOPP. The Commission-adopted 2018 Fund Estimate provides a total available programming capacity of approximately \$4.3 billion per year for the 2018 SHOPP four-year period¹.
- And fourth, is the identification of a four-year program of capital projects that respond to the needs identified in the SHSMP, are within the fiscal constraints identified in the Fund Estimate and are selected to achieve the asset performance targets identified in the adopted TAMP. This set of projects constitutes the four-year SHOPP.

Caltrans is required to provide a draft of the SHOPP to Regional Transportation Planning Agencies for their review and comment prior to Caltrans 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 or program of projects. 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 by April 1st of even numbered years. 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 THE TRANSPORTATION ASSET MANAGEMENT

The Adopted 2018 SHOPP contains approximately 1,000 projects that cover the four fiscal years 2018-2019 through 2021-2022. Approximately 450 projects, with a dollar value of over \$12 billion, specifically address the above referenced four asset classes that enable the Department to make progress in meeting the Commission-adopted and Senate Bill 1 (SB 1) required performance targets for the four asset classes by the year 2027. An analysis was conducted, which included these projects, to establish the approved TAMP benchmarks and to also verify that they are fully consistent with the TAMP. The consistency between the TAMP and the SHOPP is further ensured through a strategic performance management framework implemented by the Department in 2017 as described below.

¹ 2018 State Transportation Improvement Program Fund Estimate, adopted by the California Transportation Commission, August 2017

The 2018 SHOPP was built on the performance-based asset management framework established in the SHSMP and the TAMP². These plans established a strategic approach for achieving performance targets for specific asset classes adopted by the Commission for the SHOPP. The core asset classes of pavement, bridge, culvert and transportation management systems (TMS) have the following specific ten-year performance targets established in SB 1 and the TAMP to ensure accountability for the use of SHOPP funding.

- Pavement Not less than 98 percent of pavement to be in good or fair condition by 2027
- 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
- Bridges 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
- TMS Elements Not less than 90 percent of TMS element to be in good condition by 2027

The performance targets established by SB 1 and adopted by the Commission in the TAMP, under provisions of Senate Bill 486 (SB 486), command a significant investment level that drives the 2018 SHOPP project composition excluding projects for safety, emergency repair and mandated programs.

The SHSMP and TAMP include performance gap analyses that quantify the performance gap between existing conditions and established TAMP performance targets. The performance gap analysis is used to evaluate the trade-offs in performance between competing investment levels and asset classes at a statewide level. The resulting statewide investment plan is presented in the 2017 SHSMP for the SHOPP. The results from the augmented funding provided by SB1 are reflected in the 2017 SHSMP investment plan and 2018 TAMP.

The statewide investment plan specifies expected performance outcomes produced by the funding investments using average unit costs associated with each asset class. The funding allocation methodology has changed from the past to provide greater flexibility to combine various assets into a single project, effectively breaking down the historic silo-based funding approach. This funding change facilitates multi-objective corridor type projects that are expected to be more efficient to deliver and less disruptive to the traveling public.

The Statewide Performance Plan provided the Department with an asset based roadmap, which strongly influenced the selection of projects for the 2018 SHOPP. Caltrans is responsible for defining individual projects over the period that in aggregate achieve the identified performance within the target budget. The aggregate accomplishments of individual projects relative to ongoing asset deterioration determines the degree of change in condition from measured baseline levels. If project

2018 SHOPP

² For more information about federal asset management plan guidelines, please visit: https://www.ecfr.gov/cgi-bin/text-idx?SID=a22e4878440eab0b5b001d9c8c0a778b&mc=true&node=pt23.1.515&rgn=div5

accomplishments exceed ongoing deterioration then conditions will improve. During the project portfolio development process, Caltrans incorporates input from stakeholders, subject matter experts and analysis from individual asset managers. The resulting project portfolios are then reviewed to ensure that they accomplish the identified performance goals in the TAMP Performance Plan and are within the established target budgets.

The asset management framework defined above ensures that projects entering into formal project development planning are consistent with the defined performance targets and reflect a needs-based allocation of funding defined in the TAMP. The 2018 SHOPP reflects a transition to performance based asset management strategies. The project composition in the 2018 SHOPP includes a majority of projects that are performance driven in accordance with the TAMP and projects that pre-date the formalized asset management approach. The projects in the 2018 SHOPP were strongly influenced by this asset based planning process which is in alignment with the achievement of the ten-year performance targets.

Collectively the four asset classes represent approximately 70 percent of the total 2018 SHOPP project investment. This investment resulted in project level accomplishments that are included in the benchmark analysis and which make progress toward the 10 year performance targets established by the Commission.

The benchmark analysis presented during the March 2018 Commission meeting demonstrates that the project accomplishments for the 2018 SHOPP and planned future project portfolios will achieve the desired performance targets.

It is through this strategic process that the Department has confidence that the 2018 SHOPP is fully consistent with the TAMP

2018 SHOPP COMPARISON TO STATE HIGHWAY SYSTEM MANAGEMENT PLAN

Table 2 summarizes 2018 SHOPP projects and planned reservations against the 2017 SHSMP. A detailed summary of the 2018 SHOPP, by fiscal year, is shown in Exhibit B.

Table 2 - Comparison of 2018 SHOPP Programming to the 2017 SHSMP Fiscal Years 2018-19 through 2021-22

Program Categories	Res	8 SHOPP Projects & servations Millions)	40% of 10-yr Constrained 2017 SHSMP* (in Millions)		
Primary Assets					
Pavement *	\$	4,827	\$	7,458	
Bridge	\$	3,103	\$	2,889	
Culverts	\$	928	\$	927	
TMS	\$	798	\$	698	
Supplementary Assets	\$	748	\$	632	
Project Objectives					
Major Damage Restoration	\$	1,451	\$	1,082	
Collision Reduction	\$	4,087	\$	2,027	
Mandates	\$	643	\$	451	
Mobility	\$	367	\$	156	
Roadside Preservation	\$	107	\$	129	
Protective Betterments	\$	125	\$	57	
Multiple Objective	\$	136	\$	6	
Minor Program	\$	600	\$	600	
Long Lead (New)	\$	40			
Total	\$	17,960	\$	17,114	

Each project in the 2018 SHOPP contains a primary project performance measure. This performance measure represents the primary purpose of the project. Performance measures range from lane-miles of distressed pavement restored for roadway projects to collisions reduced for safety projects. These performance measures are reported in the project listing. Figure 1 in the Executive Summary reports and summarizes the positive impacts the 2018 SHOPP projects will have on the transportation system.

SHOPP DEVELOPMENT AND PLANNING CYCLES

Connected and closely correlated with the SHOPP development cycle is the Planning cycle. Planning is an essential project pre-programming activity whose end product is a Project Initiation Document (PID) for each project prior to inclusion in 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 each project in the SHOPP. Every project included in the 2018 SHOPP has a completed, approved PID. The selection of projects for PID development is closely tied to the needs identified in the SHSMP and guided by the performance targets documented in the TAMP.

Senate Bill 486³ required significant changes to the SHOPP and the associated responsibilities of Caltrans and the Commission in developing and approving the SHOPP. Senate Bill 486 required the development and implementation of a robust asset management plan, the inclusion of capital and support budget information for each project in the SHOPP, and the projected delivery milestones by project component. The legislation modified the role of the Commission in approving the SHOPP, increasing the Commission's level of commitment to the SHOPP by upgrading its responsibility to not just approve the SHOPP, but to adopt the SHOPP. Adopting the SHOPP resulted in a higher level of engagement in all aspects of the SHOPP that in the past had been largely handled directly by Caltrans and reported to the Commission in aggregate reporting documents. The Commission is essentially now a co-owner of the SHOPP, though Caltrans retains full responsibility for the development, delivery and construction of the projects included in the SHOPP. The Commission, in consultation and coordination with Caltrans, is reviewing and updating resolutions, guidelines, and processes to fully implement the Commission's increased responsibilities under the provisions of SB 486 and SB 1.

SHOPP FUNDING

The State Highway Account (SHA), Federal Trust Fund (FTF) and Road Maintenance and Rehabilitation Account (RMRA) are the sole funding sources for the SHOPP. Senate Bill 1⁴ provides the first significant, stable, and on-going increase in state transportation funding in more than two decades. In providing this funding, the Legislature has provided additional funding to, and increased the Commission's role in a number of existing programs, and created new programs for the Commission to oversee as described below.

SB 1 provides for the deposit of various taxes and fees into the RMRA. Senate Bill 1 replaces the price-based excise tax with the traditional excise tax, effective 2019-20 with annual adjustments for inflation beginning July 1, 2020. SHOPP Guidelines have been adopted to ensure the accountability and transparency outlined in SB 1. Performance measures were incorporated into the CTC SHOPP Guidelines to promote efficiency, accountability, and performance from each dollar invested.

CAPITAL OUTLAY AND CAPITAL OUTLAY SUPPORT

Prior to SB 1, the Commission allocated construction capital for the purposes of construction and of right-of-way purchase costs only. Capital Outlay Support (COS) includes Project Approval and Environmental Document (PA&ED), Plans, Specifications, and Estimate (PS&E), permits, construction and right-of-way engineering, contract administration, and similar costs. Essentially, COS represents staff time associated with the development, delivery, and oversight of construction projects. Effective July 1, 2017, Government Code 14526.5 (g) mandates that SHOPP projects request individual allocations by component from the Commission for environmental analysis and project report (PA&ED), design (PS&E), right-of-way support, construction support, and construction capital phases for each programmed project. Project Objectives are projects that do not fall within the primary or supplementary assets such as safety, emergency, mandates and mobility.

³ For more information about SB 486, please visit: http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill id=201320140SB486

⁴ For more information about SB 1, please visit: http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill id=201720180SB1

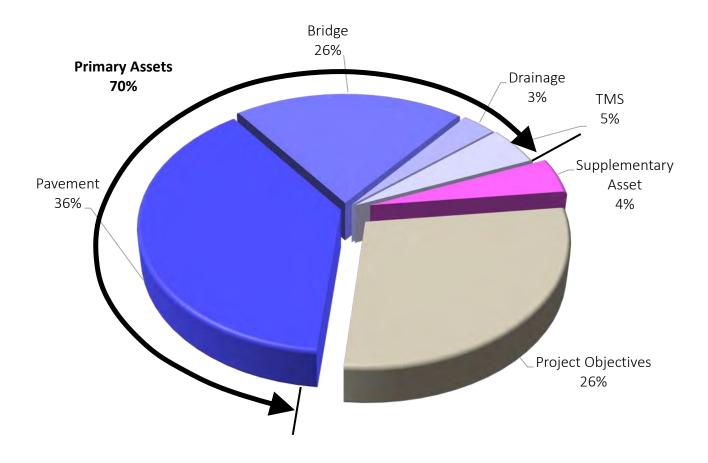


Figure 3 – Percent of Projects in Asset Management Classes

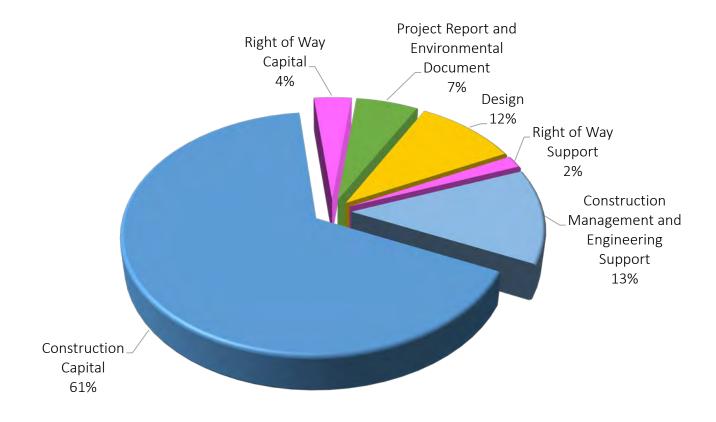


Figure 4 – 2018 SHOPP Distributed Among Project Components

INNOVATION AND SUSTAINABILITY

Senate Bill 1 established new provisions for sustainability and innovation on SHOPP projects. These new provisions, 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 Caltrans, wherever feasible, in all projects funded by SB 1, to ensure that transportation assets are protected and will be better adapted to future extreme weather and other climate impacts, as well as to include Complete Streets elements that improve safety for all users.

In addressing these provisions from SB 1, Caltrans is building off of 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 greenhouse gas emissions (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 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 actually 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 2018 SHOPP contains 27 contingency projects, valued at \$3.0 billion, as shown in Exhibit F. 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. The 2018 SHOPP contains 29 Long Lead projects, valued at \$2.3 billion. These projects require complex environmental and preliminary engineering work, taking more than four-years to complete as shown in Exhibit G.

COMPLETE STREETS - MEETING THE NEEDS OF ALL MODES

Caltrans incorporates its Complete Streets policy into practice in all project phases from transportation planning to asset management and project delivery. Caltrans uses a Complete Streets approach to design projects from the user's perspective, taking into consideration a facility's condition and surrounding destinations. This comprehensive process requires the multi-disciplinary Project Nomination Scoping Teams to identify and evaluate solutions for various transportation needs and to incorporate resulting and appropriate SHOPP eligible components into the SHOPP project scope.

RESERVATIONS

The 2018 SHOPP includes reservations that fund both Capital Outlay and Capital Outlay Support 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.

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 Regional Transportation Planning Agencies (RTPA) 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 summer 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 fouryear 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.

In December 2017, the draft 2018 SHOPP was provided to regional transportation partners. Eight agencies commented. Caltrans will further expand its SHOPP engagement efforts as it develops the 2019 SHSMP and the subsequent 2020 SHOPP. Formal comments received regarding the draft 2018 SHOPP and Caltrans responses are provided in Exhibit D.

PROJECT LISTINGS

2018 SHOPP projects are listed by County in Exhibit F. Projects are sorted into the following eight 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**

DESCRIPTION OF EXHIBITS

Exhibit A: 2018 SHOPP Funding Summary

Exhibit B: California Government Code section 14526

Exhibit C: Abbreviations and Acronyms

Exhibit D: 2018 SHOPP Regional Transportation Planning Agency Comments

Comments Received and Caltrans Responses

Exhibit E: Policy for Management of the SHOPP

Interim SHOPP Guidelines

Exhibit F: 2018 SHOPP County Listing of Projects

Exhibit G: **2018 SHOPP Long Lead Projects**

List of projects Caltrans will begin environmental work on now to deliver projects in

subsequent SHOPP cycles.

Exhibit H: Pre-2018 SHOPP Projects

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

Northern and Southern SHOPP Hearing Public Comments **Exhibit I:**

Commission Adoption of the 2018 SHOPP Program Resolution G-18-13 Exhibit J:

EXHIBIT A: 2018 SHOPP Funding Summary (Fiscal Years 2018-19 through 2021-22)

Program Funding	20	18-19	20	19-20	2	020-21	2	021-22	Total
2018 Fund Estimate	\$	2,600	\$	2,700	\$	2,800	\$	2,900	\$ 11,000
New SHOPP Capacity (RMRA)	\$	1,600	\$	1,600	\$	1,600	\$	1,600	\$ 6,400
ER Reimbursement	\$	140	\$	140	\$	140	\$	140	\$ 560
Programmed	20	18-19	2(19-20	2	020-21	2	021-22	Total
Pavement	\$	1,354	\$	822	\$	556	\$	1,077	\$ 3,808
Bridge	\$	566	\$	932	\$	454	\$	886	\$ 2,838
Culverts	\$	62	\$	211	\$	95	\$	140	\$ 508
TMS	\$	183	\$	254	\$	230	\$	132	\$ 798
Supplementary Assets	\$	195	\$	136	\$	91	\$	326	\$ 748
Major Damage Restoration	\$	37	\$	214	\$	108	\$	59	\$ 418
Collision Reduction	\$	865	\$	1,193	\$	309	\$	582	\$ 2,950
Mandates	\$	113	\$	116	\$	97	\$	269	\$ 595
M obility	\$	50	\$	103	\$	23	\$	190	\$ 367
Roadside Preservation	\$	33	\$	14	\$	53	\$	7	\$ 107
Protective Betterments	\$	31	\$	22	\$	24	\$	48	\$ 125
Multiple Objective	\$	5	\$	5	\$	21	\$	105	\$ 136
Subtotal	\$	3,494	\$	4,022	\$	2,060	\$	3,822	\$ 13,398
Reserved	20	18-19	2()19-20	2	020-21	2	021-22	Total
Pavement	\$	-	\$	-	\$	998	\$	21	\$ 1,019
Bridge	\$	41	\$	41	\$	141	\$	41	\$ 264
Culverts	\$	-	\$	-	\$	400	\$	20	\$ 420
TMS	\$	-	\$	-	\$	-	\$	-	\$ -
Supplementary Assets	\$	-	\$	-	\$	-	\$	-	\$ -
Major Damage Restoration	\$	385	\$	169	\$	240	\$	240	\$ 1,034
Collision Reduction	\$	218	\$	47	\$	539	\$	333	\$ 1,137
Mandates	\$	12	\$	12	\$	12	\$	12	\$ 48
M obility	\$	-	\$	-	\$	-	\$	-	\$ -
Roadside Preservation	\$	-	\$	-	\$	-	\$	1	\$ 1
Protective Betterments	\$	-	\$	-	\$	-	\$	-	\$ -
Multiple Objective	\$	-	\$	-	\$	-	\$	-	\$ -
Subtotal	\$	656	\$	269	\$	2,330	\$	668	\$ 3,923
Programmed and Reserved	20	18-19	20	19-20		020-21		021-22	Total
Pavement	\$	1,354	\$	822	\$	1,554	\$	1,098	\$ 4,827
Bridge	\$	607	\$	973	\$	596	\$	927	\$ 3,103
Culverts	\$	62	\$	211	\$	495	\$	160	\$ 928
TMS	\$	183	\$	254	\$	230	\$	132	\$ 798
Supplementary Assets	\$	195	\$	136	\$	91	\$	326	\$ 748
Major Damage Restoration	\$	422	\$	383	\$	348	\$	299	\$ 1,451
Collision Reduction	\$	1,083	\$	1,240	\$	848	\$	916	\$ 4,087
M andates	\$	125	\$	128		109	\$	281	\$ 643
Mobility	\$	50	\$	103	\$	23	\$	190	\$ 367
Roadside Preservation	\$	33	\$	14	\$	53	\$	8	\$ 108
Protective Betterments	\$	31	\$	22	\$	24	\$	48	\$ 125
Multiple Objective	\$	5	\$	5	\$	21	\$	105	\$ 136
Minor Program Reservation	\$	150	\$	150	\$	150	\$	150	\$ 600
Long Lead (New)	\$	40	\$	-	\$	-	\$	-	\$ 40
Total	\$	4,340	\$	4,440	\$	4,540	\$	4,640	\$ 17,960

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

State Highway Operation and Protection Program Fund Reservations

The following reservations are being held to allow funding to achieve anticipated 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, Rail Road Grade Crossing Program (201.325) projects as prioritized by the Public Utilities Commission, Hazardous Waste Mitigation (201.330) projects not associated with a programmed State Highway Operation and Protection Program (SHOPP) or State Transportation Improvement Program (STIP) projects.

Bridge Preservation:

Reservations are for Bridge Preservation (201.119) projects to minimize the need for future bridge rehabilitation.

Roadside Preservation:

Reservations are for Surface Mining and Reclamation Act obligations.

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.

Primary Assets

A reservation has been established to address performance shortfalls in targeted regions for pavement performance, TMS detector health, culvert conditions and bridge health. Criteria for the prioritization and selection of these projects which will rehabilitate/replace poor condition culverts, pavement condition and bridge health.

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. Effective April 28, 2017.)

14526.7. (a) The department shall incorporate the performance targets in subdivision (n) of Section 1 of the act adding this section into the asset management plan adopted by the commission and targets adopted by the commission pursuant to Sections 14526.4 and 14526.5. The asset management plan shall also include targets adopted by the commission in consultation with the department for each asset class included in subdivision (n) of Section 1 of the act adding this section to measure the degree to which progress was made towards achieving the overall 2027 targets. Targets may be modified by the commission as needed to conform to federal regulation on performance measures and the completion of the department's asset management plan. Nothing in this section precludes the commission from adopting additional targets and performance measures pursuant to paragraph (1) of subdivision (c) of Section 14526.4.

(b) As specified by guidelines adopted by the commission, the department shall report to the commission on its progress toward meeting the targets and performance measures established for state highways pursuant to subdivision (n) of Section 1 of the act adding this section and paragraph (1) of subdivision (c) of Section 14526.4.

(Added by Stats. 2017, Ch. 5, Sec. 7. Effective April 28, 2017.)

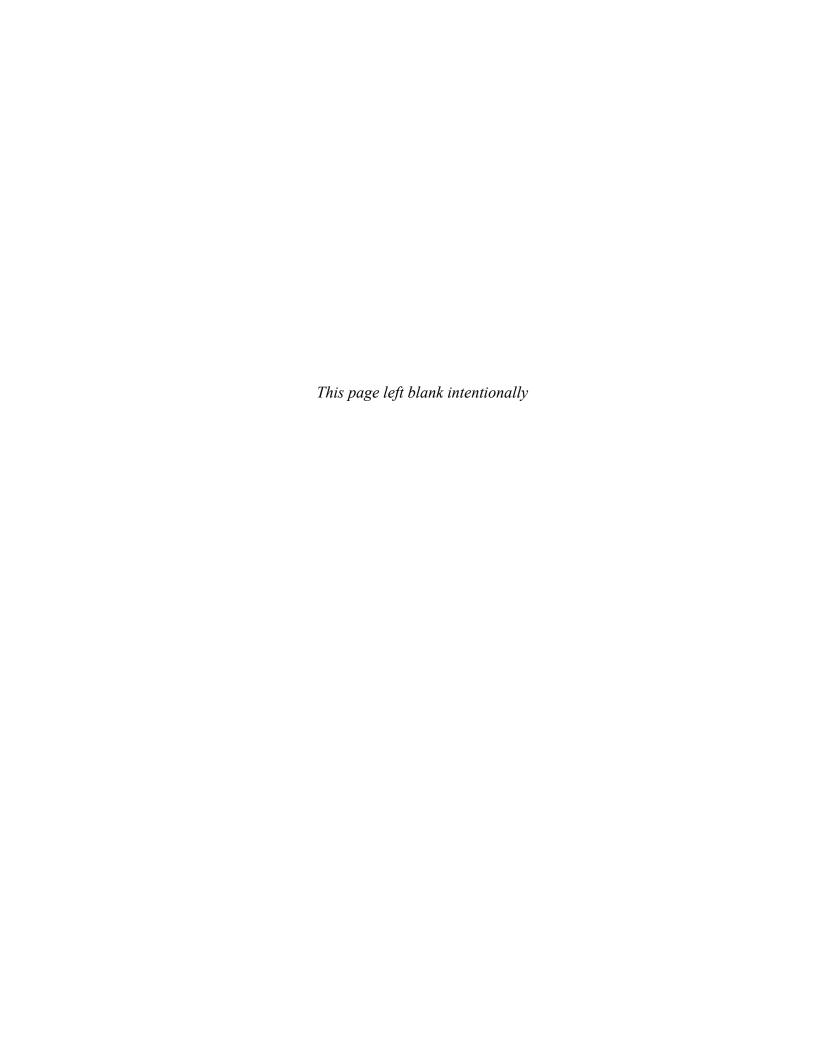


EXHIBIT C: Abbreviations and Acronyms

ADA Americans with Disabilities Act

Caltrans California Department of Transportation

COS Capital Outlay Support

CEQA California Environmental Quality Act Commission or CTC California Transportation Commission

FTF Federal Highway Trust Fund

Fund Estimate State Transportation Improvement Program Fund Estimate

GHG Greenhouse Gas

LED Light Emitting Diode

NEPA National Environmental Protection Act

PA&ED Project Approval and Environmental Document - Environmental

PID **Project Initiation Document**

Highway Safety, Traffic Reduction, Air Quality, and Port Security Proposition 1B

Bond Act of 2006

PS&E Plans, Specifications, and Estimate

R/W Right-of-Way

RMRA Road Maintenance and Rehabilitation Account RTPA Regional Transportation Planning Agency

Senate Bill 1 SB₁ SB 486 Senate Bill 486

State Highway Account SHA

State Highway Operation and Protection Program **SHOPP**

SHS State Highway System

SHSMP State Highway System Management Plan State Transportation Improvement Program **STIP TAMP** Transportation Asset Management Plan **TMS** Transportation Management System

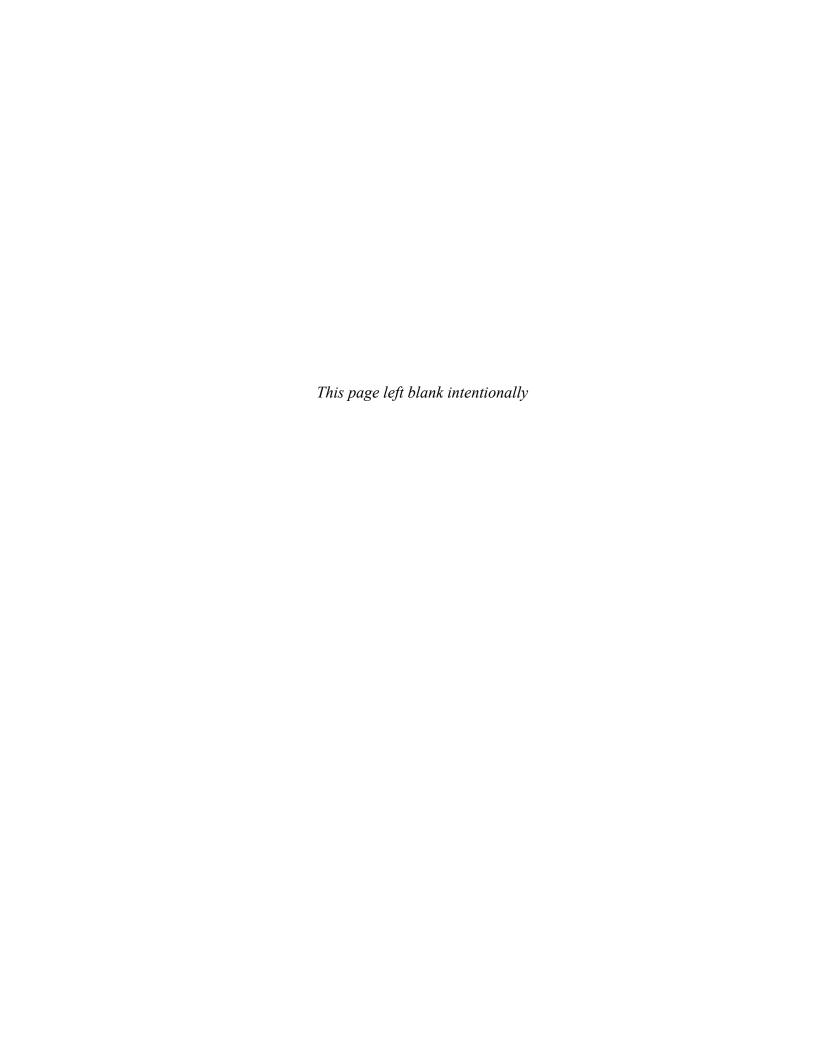


EXHIBIT D: 2018 SHOPP Regional Transportation Planning Agency Comments

AGENCY COMMENTING	PAGE NUMBER
Calaveras Council of Governments	1
City of West Sacramento	5
Contra Costa Transportation Authority	6
Del Norte Local Transportation Commission	11
Metropolitan Transportation Commission	13
Orange County Transportation Authority	18
Pechanga Indian Reservation – Temecula Band of Luiseño Mission Indians	23
Yolo County Board of Supervisors	27



P.O. Box 280 444 E Saint Charles, Suite A San Andreas, CA 95249 (209) 754-2094 Fax: (209) 754-2096 info@calacog.org www.calacog.org

December 29, 2017

Donna M. Berry, Office Chief Caltrans State Highway Operation and Protection Program (SHOPP)

Re: Review and Comment on the 2018 SHOPP Calaveras Project List

Dear Ms. Berry:

The Calaveras Council of Governments (CCOG) appreciates the opportunity to review the Draft 2018 SHOPP project list for the Calaveras County region. The CCOG recognizes the challenges facing Caltrans and our local leaders as safety and operational needs expand amongst a landscape of competing priorities. We support the continued commitment of Caltrans towards a safe and efficient multimodal transportation system for all users.

The Calaveras County region would like to thank Caltrans and District 10 for recommending multiple projects for the Calaveras region in the 2018 SHOPP. The CCOG further appreciates the District's coordination with our local agencies, specifically in regard to the recently completed SHOPP project on State Route 26 in Valley Springs at the intersection of Vista Del Lago Drive.

The CCOG hopes Caltrans will consider the following comments on the 2018 Draft SHOPP list for Calaveras County:

Inclusion of the SHOPP Asset Management Pilot Funds for State Route 4 Wagon Trail Road Realignment Project

In January of 2016 Caltrans District 10 secured a State Highway Operations and Protection Program (SHOPP) Asset Management Pilot Program award in the amount of \$10.325 million for construction of the SR 4 Realignment Project (Wagon Trail) in Calaveras County. The Pilot Program will leverage Regional Improvement Program (RIP) funds necessary to secure a coordinated meaningful construction project on SR 4. It is the goal of Calaveras COG and Caltrans District 10 to align the RIP funding in the Calaveras region's 2018 RTIP with the Asset Management Pilot Project in the 2018 SHOPP, so that construction of the SR 4 Wagon Trail Realignment Project can begin in FY 20/21.

The SHOPP Pilot funds of \$10.325 million have been programmed in FY 20/21 in the FSTIP (Amendment No. 8, 05/10/17) for this project and is being proposed for the CCOG 2018 RTIP to complete a meaningful construction project in FY 20/21. Calaveras Council

of Governments has been working closely with Caltrans District 10 on the Wagon Trail Project. As part of the past several RTIP cycles, Calaveras COG staff has met with Caltrans District 10 to review the project need and scope and discuss STIP Programming and other funding options. The CCOG is appreciative of the District's efforts in securing SHOPP funds to leverage our local and regional funds committed to this priority State Highway project.

The Calaveras COG requests Caltrans Office of SHOPP to coordinate with District 10 staff in programming the \$10.325 in the 2018 SHOPP so a meaningful phase of the SR 4 Wagon Trail project can be delivered in FY 20/21, as recommended in the CCOG 2018 RTIP.

Project Background

The Wagon Trail project is a 6.1 mile segment of State Route 4 between Copperopolis and Angels Camp in Calaveras County. The overall project will realign State Route 4 to provide operational and safety enhancements such as standard 12' travel lanes with 8' paved shoulders and alignments consistent with the design speed for a controlled access highway.

This section of State Route 4 is on a non-engineered alignment and follows the mountainous topography resulting in inadequate sight distance and non-standard vertical and horizontal alignments that bring the operational speed down to 15mph in some areas. The existing lane width (10') and lack of roadside shoulders are non-standard and are likely contributing factors to the accident rate for this segment that is nearly two times the state average for a similar facility.

State Route 4 is one of the primary east-west routes in and out of Calaveras County and making it a reliable route is critical in emergency situations such as the fires we endured in 2015. As such, the Wagon Trail project is the top priority construction project for the Calaveras region and has been prioritized for funding in the last two cycles of the Calaveras County Regional Transportation Improvement Program (RTIP).

Project Approval and Environmental Documentation phase was completed in February of 2017 and approved by CTC for future funding. This enabled the region to seek and receive an allocation vote of PS&E funds (final design) from the California Transportation Commission in FY 17/18. A right-of-way allocation would be requested in FY 18/19, if the 2018 RTIP is accepted by the CTC. Procurement of right of way needed for the project would be completed in May 2019. Construction is scheduled to begin in fiscal year 20/21.

The environmental document identified a preferred alignment. The project team was able to identify multiple construction phases of the preferred alignment to be able to build constructible segments as funding becomes available. The CCOG is committed to developing a funding strategy to efficiently deliver this project. With limited local and regional funding, the CCOG is ready to partner with Caltrans to develop and fund SHOPP eligible segments of the Wagon Trail project.

 Project # 10-Calaveras-4, 29.2/29.4, 3245, 1017000006 - Near Murphys, from Pennsylvania Gulch Road to Main Street/Lawrence Street. Traffic Operational Improvements.

Calaveras COG appreciates inclusion of this project in the Draft 2018 SHOPP list. This is a necessary operational and safety improvement for the community of Murphys. The proposed project would add a two-way left-hand turn lane for a segment of SR 4 through the town of Murphys from Pennsyvania Gulch Road to Main Street. Currently there are no pedestrian or bicycle facilities through the proposed project limits, which is a critical connection from the Michelson Elementary School and other destinations such as community park, hotel and other businesses, to the community's core residential neighborhood and commercial district.

The CCOG encourages Caltrans to consider inclusion of Complete Streets infrastructure or design for accommodation of future infrastructure, such as sidewalks during development of this project. The County and CCOG is currently conducting a planning study, in partnership with Caltrans, to develop conceptual level designs for "main street" improvements along this corridor to improve safety for all modes of travel and seeks to coordinate with Caltrans on this SHOPP project.

Thank you again for seeking our input with this matter. Should you have any questions, please contact me at (209) 754-2094 or at acollins@calacog.org.

Sincerely,

Amber Collins
Executive Director

Amber Collins

c: Dennis Agar, Caltrans District 10 Director

Caltrans Response to Calaveras Council Governments

Thank you for your response to Caltrans' request for comments on the Draft 2018 SHOPP Project List.

The project Wagon Trail project located in Calaveras County on State Route 4, PM 29.2/29.4 near Murphy, from Pennsylvania Gulch Road to Main Street/Lawrence Street (EA 10-0W870) is proposed 2018 SHOPP project. District 10 will continue to work closely with Calaveras Council of Governments through the project development process.

Comments submitted via online survey

What is your first and last name? Denix Anbiah

What is your email address? denixa@cityofwestsacramento.org

What is your phone number? (Optional) (916) 617-4850

Please indicate the Agency you represent. City of West Sacramento

2018 State Highway Operations and Protection Program Public Comments

Thank you for the opportunity to comment on the Draft 2018 SHOPP List of Projects. We appreciate Caltrans' commitment to rehabilitating and improving the State Highway System routes in Yolo County. We particularly appreciate the Draft 2018 SHOPP Project List that includes approximately \$4 billion in projects for fiscal years 2018-2019 through 2021-2022. We understand that these projects will address safety, emergency, mandates, and fix-it-first needs. However, we are concerned that the rehabilitation for Interstate 80 (I-80) and US 50 (EA 03-4F650K) was not included in the Draft 2018 SHOPP Project List. The Pavement Condition Survey for this section of road shows major distress and an unacceptable ride. I-80 and US 50 serve as major trade, commute and tourism routes for Yolo County and the Greater Sacramento Region. Also, I-80, being on the National Freight System, provides critical access to the Port of Oakland, the Port of West Sacramento, and serves as an important link for people and goods from the San Francisco Bay Area all the way to the East Coast.

Also it is important to note that Yolo County Transportation District (YCTD) in partnership with Caltrans has applied to FHWA for the federal INFRA grant to do the HOV project within the same project limits. Combining these projects saves a significant amount of money for the tax payers and minimizes the interruption to the traffic.

We therefore urgently request that Caltrans reconsider its position on this important project.

Caltrans Response to City of West Sacramento

The Yolo County pavement rehabilitation project (03-4F650) described as "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). Rehabilitate pavement by placing Continuous Reinforced Concrete, rehabilitate bridge decks, median widening at three locations, upgrade bridge railings, and construct an auxiliary lane." This project is incorporated into the 2018 SHOPP as a Long Lead project.



COMMISSIONERS

December 21, 2017

Tom Butt. Chair

Bijan Sartipi, P.E. District Director Caltrans, District 4

Federal Glover Vice Chair Janet Abelson

111 Grand Avenue

Newell Arnerich

Oakland, CA 94607

Loella Haskew

Subject: Request for funding from State Highway Operations and Protection Program

David Hudson

Dear Mr. Sartipi:

Karen Mitchoff Julis Pierce

With the advent of Senate Bill 1 (SB1), the State Highway Operations and Protection Program (SHOPP) provides opportunities to deliver critical infrastructure improvements to the State Highway System. The 2018 SHOPP and 10-Year SHOPP is estimated to be

Kevin Romick Rebert Taylor

\$2.4 and \$5.2 billion, respectively, for Caltrans District 4. This available funding provides opportunities to collaborate between Caltrans and Congestion Management Agencies to

Dave Trotter

deliver priority projects.

Randell H. Iwasaki, Executive Director

2018 SHOPP

The Contra Costa Transportation Authority (CCTA) appreciates the opportunity to review the 2018 SHOPP and appreciate inclusion of pavement rehabilitation projects on SR 242, SR 4 and I-80. CCTA is requesting active coordination with our ongoing projects such as SR 4 Operational Improvements and I-680/ SR 4 Interchange Improvements within the limits of these pavement rehabilitation projects.

CCTA has identified the following important SHOPP eligible projects for Caltrans consideration to program in the 2018 SHOPP.

<u>I-680/SR4 – Phase 3:</u> The project will widen SR 4 from 4 to 6 lanes for approximately 4 miles, including the addition of approximately 2 miles of HOV lane in the eastbound direction. The most significant benefit of the project will be

Total Cost	\$128 million
Committed Funding	\$57.4 million
Shortfall	\$70.6 million
SHOPP Request	\$66 million

2999 Cak Road Suite 100 Walnut Creek CA 94597 PHONE: 925.256.4700 FAX: 925.256.4701 www.ccle.nel

improved safety and operations at the interchange. SHOPP eligible items include Bridge Replacement, Seismic Retrofit, Pavement Replacement, and Safety Lighting. Project costs have increased significantly as a result of needed replacement of existing infrastructure, environmental mitigation and escalating construction costs.

R:\Letters to Frazier\SHOPP letter to Bijan FINAL 122117.docx

Bijan Sartipi Caltrans December 21, 2017 Page 2

Innovate 680: As part of seven pronged approach to improve mobility on the 8th most congested corridor in the Bay Area, the Authority will be undertaking project development activities on four projects on I-680: 1) Extending HOV lane on Northbound

Total Cost (Ramp	\$41 million
Metering)	
Committed Funding	\$6 million
Shortfall	\$35 million
SHOPP Request	\$35 million

(NB) I-680 and completing hot spot improvements between Livorna Road and SR242, 2) Bus on Shoulders between Alcosta Blvd and Ygnacio Valley Road, 3) Advanced Technology project which includes implementing innovative operational strategies and preparing the corridor for connected/autonomous vehicle, and 4) Improved transit service in corridor. The "Advanced Technology" project includes the installation of adaptive ramp metering on I-680 in Contra Costa. Ramp metering is an eligible SHOPP project cost. The current estimated cost for the ramp metering including support costs is \$35 million.

I-80 San Pablo Dam Road Interchange – Phase 2: San Pablo Dam Road is a route of regional significance as it provides a connection between State Route 24 and Interstate 80. In addition, I-80 is a route on the Primary Highway Freight

Total Cost	\$81 million
Committed Funding	\$16 million
Shortfall	\$65 million
SHOPP Request	\$65 million

System. Due to its non-standard vertical clearance, the San Pablo Dam Road overcrossing has been hit repeatedly by trucks resulting in at least one fatality. In addition, there are no shoulders under the overcrossing as the bridge abutment is at the edge of the travel lane. Now that CCTA has substantially completed Phase 1, we are seeking Caltrans assistance in funding Phase 2. Unlike the identified SHOPP bridge replacement projects at Ashby Avenue, University Avenue, and the Maze, this project has been environmentally cleared and 65% design plans are complete. Furthermore, right-of-way (ROW) funding is currently programmed in the STIP. The entire project is SHOPP eligible since it consists of bridge replacement and operational improvements.

State Route 4 Operational Improvements: The project initiation document on this 10th worst commute in the Bay Area was completed in May 2017. The initial phase of the project involves the addition of auxiliary lanes between Port

Total Cost	\$69 million
Committed Funding	\$12 million
Shortfall	\$57 million
SHOPP Request	\$57 million

Chicago Highway interchange and Willow Pass Road interchange, extending the auxiliary lane from Willow Pass Road off-ramp to Willow Road on-ramp, and adding a second exit lane at San Marco Blvd off-ramp. Since the proposed improvements are operational in nature they are eligible for SHOPP funds.

Bijan Sartipi Caltrans December 21, 2017 Page 3

SR4 West Gap

Although the project was constructed some time ago, it was discovered recently that a drainage ditch was not built according to the project plans. We request Caltrans to correct this situation as soon as possible. Caltrans administered the construction contract for the segment of the project. Estimated cost for the correction is likely to be less than \$100,000.

I-680 Safety Lighting

Most recently, CCTA was requested by Caltrans to include safety lighting improvements in the vicinity of the I-680/SR 24 interchange, as part of the I-680 HOV/Express Lane project in the southbound direction. We request Caltrans to provide SHOPP funding for such upgrades or completing such improvements as a stand-alone SHOPP project.

Caldecott Tunnel Lighting and Improvements

CCTA requests considering a project to improve lighting in the Caldecott Tunnel along eastbound SR 24 as it may help reduce traffic slowdowns at the entrance of the tunnel. Other safety improvements may also be needed.

10-Year SHOPP

CCTA has identified the following important SHOPP eligible projects for Caltrans consideration to program in the 10-Year SHOPP.

Eastbound (EB) I-80 at Pinole Valley Road: Add/extend auxiliary lane from Pinole Valley Road on-ramp to EB I-80 to address vehicles accelerating uphill after stopping at rampmeter.

Committed Funding
Shortfall \$10 million
SHOPP Request \$10 million

\$10 million

Total Cost

EB SR 24 between Wilder Road to Camino
Pablo: Construct auxiliary lane along EB SR 24
from on-ramp at Wilder Road to downtown
Orinda off-ramp at Moraga Road/Camino
Pablo/Brookwood Road.

Total Cost	\$7 million
Committed Funding	
Shortfall	\$7 million
SHOPP Request	\$7 million

As projects progress further in the project development phases, the Authority will be requesting SHOPP funding for eligible items on future phases of I-680/SR 4 Interchange, SR 4 Operational Improvements, and Innovate 680.

Bijan Sartipi Caltrans December 21, 2017 Page 4

The Authority appreciates your consideration to program these projects into the 2018 SHOPP and 10-Year SHOPP. Please contact our organization if you have any questions or require additional information at (925) 256-4724.

Sincerely,

Randell H. Iwasaki, P.E.

Kandell & Lust

Executive Director

Caltrans Response to Contra Costa Transportation Authority:

Thank you for your letter on the Draft 2018 State Highway Operation and Protection Program (SHOPP) for the transportation improvements in Contra Costa County.

The SHOPP is fiscally constrained program that prioritize and funds projects that protect, preserve and rehabilitate State Highway System infrastructure to meet safety, emergency, mandates, and fix-it-first needs. Furthermore, the projects funded in SHOPP do not add capacity as new lanes.

The Contra Costa bridge project (04-22913) described as "Near Martinez, at Grayson Creek Bridge No. 28-0066 R/L. Replace bridges by Financial Contribution Only to Contra Costa Transportation Authority." is incorporated into the 2018 SHOPP and proposed for programming in FY 2018-19.

As individual SHOPP projects are developed, we will continue to work with you to consider opportunities to integrate your proposed improvements if feasible.

Caltrans appreciates your feedback and will continue to collaborate with CCTA to deliver transportation improvements in Contra Costa County.

900 Nurticerest Drive, PME 16 Crescent City, California 95931 www.dnltc.org



Tamera Leighton, Erectore Dérector Temera@DNLTC.org Desis (707) 465-3978 Cell (707) 219-6424

January 1, 2018

Bruce De Terra, Chief Division of Transportation Programming P.O. BOX 942873, MS-82 Sacramento, CA 94273-0001

RE: Draft 2018 SHOPP

Dear Mr. De Terra,

Please consider this letter comment on the 2018 Draft SHOPP posted December 6, 2018. I had the opportunity to review the SHOPP portion for Del Norte County with my Commission. While all the projects in the SHOPP are important, we are especially grateful for the continual work to keep US Highway 101 at Last Chance Grade open. We also believe that the Mandates project for ADA compliance (0113000023) will proved access and safety where it's badly needed on US 101 in our urban area.

We would like for Caltrans to program improvements to US 101 and US 199 at the Elk Valley Cross Road intersections. Accidents and near misses continue to be a problem at these locations and the community concerns continue to pour in. East year we had an entire family come to the DNLTC public meeting to request solutions after their mother was killed in a fatal collision on US 199 at Elk Valley Cross Road. Since then, this item appears on every DNLTC agenda until a solution is found.

Please program a path forward for improvements at the US 101 and US 199 intersections at Elk Valley Cross Road.

Cordially,

Tamera Leighton, Executive Director

Del Norte Local Transportation Commission

CC: Brad Mettam, Caltrans District 1

Caltrans Response to Del Norte Local Transportation Commission:

Thank you for your letter dated January 1, 2018, in which you requested that Caltrans program an improvement at US 101, SR 199 and Elk Valley Cross Road. Caltrans District 1 Traffic has evaluated collisions at this intersection and has been working with your commission to resolve issues. The following improvements have been recently constructed or evaluated at SR 199 and Elk Valley Cross Road:

- 1. Installed a Radar Feedback "45 mph" approaching Elk Valley Cross Road from SR 199.
- 2. Installed new roadway surface, restriped, adjusted optical speed bars and checked all signs.
- 3. Evaluated SR 199 and Elk Valley Cross Road twice in 2017 for signal warrant analysis.
- 4. Considered reconfiguration of SR 199 and Elk Valley Cross Road/ Kings Valley Cross Road.
- 5. On US 101 at Elk Valley Crossing, replaced some missing signs and checked the area.

We contacted the California Highway Patrol to check the recent collision history which appears to be trending downward following our adjustments to the intersection. Caltrans continuously monitors collision history on all our highways and appreciates local feedback. We will soon send an investigator to the intersections at peak hour volumes to monitor driver behavior in traversing the intersections.



METROPOLITAN
TRANSPORTATION
COMMISSION

December 20, 2017

Bay Area Alexen Center 478 Beale Street, Swife 800 5an Francisco, CA 94108 4(5,778,6700 www.intera.gov

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Dave Cartese

Mr. Bruce De Terra, Chief Division of Transportation Programming California Department of Transportation P.O. Box 942873, MS-82 Sacramento, CA 94273

RE: Comments on Draft 2018 SHOPP Project List

Count Dagen-Lerman

Dear Mr. De Terra:

Diarrie M. Gatequal

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James P. Sperring

Amy R. Hers.

Steve Henringer Ellis Duckelman

Inderes I Frences

Thank you for the opportunity to comment on the Draft 2018 State Highway Operation and Protection Program (SHOPP). The passage of the Road Repair and Accountability Act of 2017, or Senate Bill I, provided a much needed funding boost for the program. Compared to past SHOPP cycles, under the 2018 SHOPP, most regions will benefit from a substantial increase in resources to invest and preserve the transportation system. These resources will be essential for the Department to meet the various performance targets established in the California Transportation Asset Management Plan.

MTC applauds the Department for programming \$3.4 million to upgrade the legacy software and hardware components in District 4's Transportation Management Center (TMC). TMC hardware and software, together with the underlying communication infrastructure, play a critical role to ensure both the operability of field devices and the ability to collect information. The upgraded system will enable the District to have a more reliable and efficient way of managing and monitoring over 4,000 active traffic operation elements, and achieve the 90% or better device health goal, as outlined in Caltrans' Strategic Plan.

MTC and Caltrans are active partners in delivering the Freeway Performance Initiative, a regional initiative that deploys ramp metering and Traffic Operation Systems equipment on congested freeway corridors in the Bay Area. MTC appreciates the State investing \$13 million for the Marin US 101 ramp metering project, extending from the Golden Gate Bridge to north of Sir Francis Drake Blvd., and another \$40 million on the I-680 ramp metering project spanning the cities of Fremont, Pleasanton and Dublin. MTC has previously invested regional discretionary funds towards the Preliminary Engineering phases for both projects. The proposed construction funding in the 2018 SHOPP will enable the region to deliver the last remaining projects identified within the Initiative.

Letter to Mr. De Terra December 20, 2017 Page 2

Additionally, we have identified some recommendations as well as specific funding requests to be included in the final SHOPP.

A. General Policy Comments

- Increase Mobility Funding Share to Keep Assets in a State of Good Repair: For several decades, a significant number of TMS elements have been installed to enhance efficiency and actively manage the existing State Highway System in the Bay Area, while minimizing the need to construct new facilities. Additional funding from Senate Bill I will help to address some of the mobility and operational improvement needs. However, there is still a substantial shortfall to keep assets in a state of good repair. The Bay Area region's mobility funding share dropped from 30% in 2016 to 18% in the current draft SHOPP. MTC recommends adding resources to this category to align with the Department's "Fix it first" policy.
- Implement a Performance Based Approach to Transportation Management System Upgrade and Replacement: Many Caltrans districts will receive funding to restore, upgrade, and replace non-operational Transportation Management System (TMS) field elements. MTC strongly encourages the Department to develop a set of performance measures for contractors to adhere to and tie a contractor's payment to their abilities in meeting the metrics. MTC implemented a performance based maintenance and repair pilot for the 50-mile long I-880 corridor to protect over 1,000 technology assets. The contract establishes that the third party contractor shall be on site responding to failures within 24 to 48 hours, and that repairs are to be completed within 2 to 20 days, depending on the asset priority level, as identified by District 4. Payment to the contractor is adjusted downward when the contractor is unable to meet these thresholds. MTC found that this performance driven structure ensures responsiveness to repairs, and keeps elements performing at high levels.
- Establish a Statewide Vision on the Future of Detection: The Department is investing significant resources to repair or replace standard loop detection units across the State. Because vehicle detectors account for such a large percentage of the overall Transportation Management System devices, the repair of detection stations is crucial to reaching the 90% device health goal. However, traditional detectors can be difficult and costly to repair due to factors such as the need to complete repairs at night and coordinate lane closures. MTC recommends that the Department establishes a statewide vision for the future of detection technology. Such guidance would enable Districts to standardize the type of technology, determine the appropriate budget needed for transitioning to the new technology, and invest properly on the maintenance of the existing system. Without a plan, preserving loop detectors will continue to require extraordinary, and likely unsustainable, investments.

Letter to Mr. De Terra December 20, 2017 Page 3

• Leverage Regional Funding-Challenge Grant Concept: MTC and Caltrans District 4 have a strong partnership, and have long collaborated to fund and implement ITS infrastructure used to monitor and manage freeway traffic and incidents throughout the region. More recently, since 2013, MTC and the District have worked collaboratively to identify and fund priority TMS projects, including specific initiatives aimed at bringing the region's ITS infrastructure into a state of good repair. In Fiscal Year 2018, a total of \$12.5 million for regional TMS projects have been identified, with \$7.5M from Caltrans and \$5M from MTC. MTC requests that the State considers a "Challenge Grant" concept—whereby agencies provide complementary funding for priority projects to meet the shared goal of improving transportation system performance in the Bay Area. By utilizing regional investments, the Department can leverage state and federal funding to maximize the impact of limited regional and local dollars, and accomplish priority projects in a shorter timeframe.

B. Project Specific Comments

- Invest in a real time device health monitoring tool: The Department owns a large number of TMS field elements, and according to the draft California Transportation Asset Management Plan, it is expected that over 400 new devices will be added to the system each year. Maintenance resources can be strained to keep up with preventative maintenance and repairs. MTC recommends that the Department invests in software tools that monitor device health and enable the ability to diagnose and troubleshoot issues remotely. MTC had success in developing a first generation software tool that actively monitors the communication status of each device along the I-880 corridor. After detecting communication failures, this tool immediately sends alerts to the MTC contractor for investigation and repair. A similar tool can be helpful for the Department to increase device uptime, improve operation and device reliability, and target judicious use of limited maintenance resources for actual preventative maintenance and repairs.
- Direct \$7 Million in Mobility Funds to Improve Communication Connectivity on I-880: Currently, the communications component of the I-880 corridor relies on leased telephone phone lines (both landline and wireless) to communicate to field devices. Most of the landline telephone circuits are outdated, and offer limited bandwidth capacity. This proposed communication project would connect TMS field devices to the fiber network being built for the I-880 Express Lanes, and would extend communications north and south using wireless high bandwidth radios. This would support connected vehicles and other applications, and eliminate the recurring cost for leased communications, which is estimated at \$574,000 per year.
- Provide Funds to Connect TMS Elements to Fiber Network on 1-680: As part of the 680 Express Lane project, the Bay Area Infrastructure Financing Authority (BAIFA) has installed main line fiber and 54 laterals to vaults near current TMS field devices. However, those laterals are not connected to the field devices. To improve the overall

Letter to Mr. De Terra December 20, 2017 Page 4

communications to each device and increase bandwidth capabilities, MTC recommends that the Department provides resources to make the final connection between the laterals and the field elements.

Thank you once again for including us in the SHOPP process and providing this opportunity to comment. Please contact me if you have any questions or desire to follow up with a staff member who has expertise in the issues raised in this letter.

Sincerely,

Andrew B. Fremier

Deputy Executive Director, Operations

AF: KC

S:\Section\OPS\Unit\TMC\Transportation Management Systems\Funding\SHOPP\2018 SHOPP\Draft 2018 SHOPP Project List Comment Letter.docx

CC: Dan McElhinney, Chief Deputy District Director, Caltrans District 4
Stephen Maller, Deputy Director, California Transportation Commission

Caltrans Response to Metropolitan Transportation Commission:

Thank you for your comments on the Draft 2018 SHOPP Project List. Caltrans welcomes our partnership with MTC to deliver transportation improvements and values your feedback in our efforts to protect, preserve and rehabilitate State Highway System infrastructure to meet safety, emergency, mandates, and fix-it-first needs in the Bay Area.



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Darrell Johnson Chief Executive Officer Ms. Donna Berry
Chief, State Highway Operation and Protection Program
Division of Transportation Programming
California Department of Transportation
1120 N Street, MS-82
Sacramento, CA 95814

RE: Draft 2018 State Highway Operations Protection Program

Dear Ms. Berry:

Thank you for the opportunity to review the California Department of Transportation's (Caltrans) draft 2018 State Highway Operations Protection Program (SHOPP). The Orange County Transportation Authority (OCTA) is supportive of SHOPP's goal to protect, preserve, and rehabilitate the State Highway System.

Upon review of the 2018 SHOPP, OCTA has two concerns. First, OCTA is disheartened to find that the State is proposing only \$497 million of a total \$16.8 billion in SHOPP funds for fix it first projects to improve the State Highway System for residents of Orange County. This represents approximately only three percent of the total SHOPP funds proposed in the 2018 SHOPP.

OCTA has directly supported the SHOPP and since 1991, OCTA, through Orange County's transportation sales tax measures (Measure M1 and Measure M2 [M2]), has improved every Orange County freeway with an investment of more than \$3.5 billion to date. As part of the project development process, projects typically incorporate safety and operational improvements, installation of long life pavement, drainage improvements, and replacement of deficient structures, signs, and landscaping as warranted.

These significant infrastructure improvements have not only extended the life cycle of Caltrans facilities but has also deferred maintenance costs resulting in significant savings to Caltrans, as well as supporting Caltrans' own SHOPP goals. However, a review of the 2018 SHOPP does not indicate any recognition for Orange County in being proactive in addressing SHOPP related needs through its Measure program. With another \$4 billion committed through 2026 alone, OCTA believes the 2018 SHOPP is missing opportunities to leverage SHOPP investments in District 12 for the benefit of all Californians.

Orange County Transportation Authority 550 South Main Street / P.O. Box 14184 / Orange / California 92863-1584 / (714) 560-OCTA (6282) Ms. Donna Berry January 2, 2018 Page 2

Secondly, in order to improve coordination of these efforts in the future, OCTA would appreciate that the SHOPP project proposals be made available by the districts to the regional transportation planning agencies before the draft 2018 SHOPP is produced. The passage of AB 515 (Chapter 314, Statutes of 2017), sought to provide a coordinated approach to project delivery between the SHOPP and regional transportation agency programs by requiring communication to regional transportation agencies of proposed SHOPP project lists, and allowing an opportunity for regional transportation agencies to comment and receive responses by Caltrans. OCTA's review is based on the SHOPP listings published by Caltrans headquarters.

Earlier communication from Caltrans District 12 will result in more in-depth knowledge of what will go into the 2018 SHOPP, which will be useful in providing more detailed comments and project coordination opportunities. For example, OCTA's review has identified potential conflicts between upcoming highway capacity projects and draft SHOPP projects. Such conflicts can result in additional public inconvenience and higher cost and/or duplication of efforts.

Therefore, OCTA requests Caltrans coordinate SHOPP projects with active M2 freeway project development efforts that are currently underway, more openly with OCTA. Specifically, OCTA and Caltrans are working on four freeway projects that could be impacted by the proposed SHOPP, and OCTA requests that Caltrans coordinate SHOPP safety, preservation, and mobility project development efforts with M2 projects to ensure a coordinated implementation approach (Attachment).

If you have any questions regarding OCTA's SHOPP comments, please contact Adriann Cardoso, Capital Programming Manager, at (714) 560-5915.

Sincerely,

Kia Mortazavi

Executive Director, Planning

KM:bk

Attachment

c: Tifini Tran, Caltrans Lan Zhou, Caltrans Jim Beil, OCTA

Interstate/ Route	EA#	State Highway Operations Protection Program Project Description	Program Year	Potential Impact
SR-91	ON320	In the City of Anaheim, from west of Lakeview Avenue to Orange/Riverside County Line. Pavement Rehabilitation	2018-19	No current project impact but 91 Express operations could be impacted depending on the TMP details.
		In Irvine and Costa Mesa, from Jamboree Road to		EA 12-0P220 project limits (PM 6.9-10.3) and construction timeframe (FY 18-19) conflict with OCTA I-405 Design Build project (PM 9.3-24.2) (FY 18/19-22/23). Per Californs Cooperative Agreement (12-697) and Design Build Contract. Californs safety projects shall be coordinated.
1-405	0P220	Route 73. Replace existing temporary railing with permanent concrete barrier.	2018-19	I-405 Design Build project Stage 1A and 1B construction includes shifting southbound mainline loward the center median at the south end of the project, potentially in direct conflict with the proposed scope of work for EA 12-0P220 Project is identified in Design Build Technical Provisions Table 2-2 for coordination.
		In Irvine, and Costa Mesa, from Von Karmen		EA 12-0N520 project limits (PM 7 3-11.8) and construction timeframe (FY 19-20) conflict with OCTA I-405 Design Build project (PM 9.3-24,2) (FY 18/19-22/23). Per Califrans Coop (12-697) and Design Build Contract. Califrans safety projects shall be coordinated.
H406	ON520	Avenue to west of H Roadside safety Imp	2019-20	Scope of work at 20 locations is not clear for analysis of direct conflicts, duplication of work, or throw-away work. Project is not identified in Design Build Technical Provisions. Table 2-2 for coordination. Risk of financial and schedule impacts to I-405 Design Build project unknown.
1-5	ON510	In Santa Ana, from south of 4th Street to Broadway. Roadside safety improvements.	2018-19	EA 0N510 project limits and time frames conflict with OCTA's I-5 Central Project EA 0C8901. Scope of work is not clear. Additional information and coordination is necessary to reduce conflicts, duplication of work, or throw away work.

Agonyms
EA - Expenditure Authorization
SR-91 - State Route 91
TMP - Traffic Management Plan
PM - Post Mile
FY - Fiscal Year
OCTA - Change County Transportation Authority
I-40\$ - Interstate 405
I-5 - interstate 5

Caltrans Response to Orange County Transportation Authority:

Caltrans values the partnership with Orange County Transportation Authority (OCTA) in the development of projects and programs.

Caltrans and OCTA have indeed worked closely over the years to ensure that proposed and ongoing projects include OCTA's input. For the development of the draft 2018 SHOPP document, Caltrans staff has communicated with different groups within OCTA through multiple avenues. District 12 Planning Division emailed the 2018 Project Initiation Document (PID) Work plan to OCTA in June 2017, well in advance of project nomination for the draft 2018 SHOPP program. Caltrans and OCTA hold regularly scheduled joint project status meetings and management coordination meetings where draft 2018 SHOPP projects, among other topics, were discussed. Moreover, Caltrans discussed and presented the draft 10 year list of SHOPP projects to the OCTA Executive staff at an August 3, 2017 meeting, for their review and comment, and to discuss regional strategies related to SB1 projects programming. These meetings may not have included representatives of all of OCTA's various divisions present. We look forward to streamlining our communications so that all groups within OCTA and Caltrans District 12 are included.

The current version of the draft 2018 SHOPP includes \$497 million worth of projects for Orange County. In addition, as discussed with OCTA staff, there are opportunities to add projects throughout the SHOPP programming cycle, specifically in the areas safety or emergency, funded through a set-aside reservation fund for these projects. This may also be the case for projects that address one or more of the four major asset classes namely, Pavement Rehabilitation, Bridge Preservation, Culverts and Transportation Management Systems. It is important to note that the SHOPP is a statewide funding program that addresses maintenance and operational needs without reference to District or County boundaries, and funds projects that address system performance needs throughout the state.

Caltrans recognizes that Measure funded projects add capacity to the State Highway System (SHS), as administered by OCTA. All projects implemented on the SHS are required to meet Caltrans Standards, including long life pavement and updated safety standards. Nonetheless, projects that add capacity result in an increase in asset inventory to Caltrans, which in turn result in increased maintenance needs that will require future SHOPP investments.

It is important that both agencies work collaboratively together to improve the transportation system within Orange County and to improve the communication path within the different groups within each agency.

Please see the attached chart for responses on specific projects highlighted in OCTA's letter.

Interstate/ Route	EAS	Operations Protection Program Project Description	Program Year	Potential Impact	Cakrans Coordination
5R.91	0.02.00 0.02.00	In the City of Anabeim, from west of Lateview Avenue to to an effiverside County Line. Favenent Rehabilitation.	2018 19	No current project impact but 91 Express could be impacted depending on the TMP details.	TADNALL on the 91 ks of APM project to replace cracked PC Clabs on mainline and for seal shoulders. When construction operation is on general purpose if here the adjacent express lane upgration will be affected. We will condiminate the Operational empect with OCIA during PSL and construction to minimate the operational empect. This is also darked operating procedure for all the Rte 91 projects in segments will be a procedure with a projects, mainline passement rehabilitation or express lane parsement rehabilitation.
1-40.5	07740	in severand Costs Mess, from Jambures found to Koste 73. Replace a visiting tempurary Replace with permanent contract barrier.	2018-19	14. 12 at 12.30 project from 1194 st.9-10-11 and construction medianic (17.11 in 19.2) confirmwill OCA 1-405 (beign Build proper (1913) 3-2.4.2) for 18. 20 confirm Contract Conjective Agreement (1.5-297) and Design Build Contract. Californic solety project, shall be concluded to the Contract Confirmwill be confirmed in metadox shall be contracted in the contracted of the project, potentially in direct confirmwill be project. Properties a shall be contracted in Design Build feather at Provision Table 2-3 for contraining.	Cultrans is aware of the potential coefficts. As the project programme, coordination will curtinus to address any coeffict. These projects have been fauluted in each other's specification, construction.
1 403	aN520	In trotte and Costs Mess, from the Season of Season forward Totals the season in the season of the season in the s	2019-20	(A 12-0MS)B project firmts IPM 7.3-1181 and convinction timeframe IFV 19-201 conflict with OCTA i 405 beiggs Ruid project (PM 9.3-12.7). In 19-22 St. for Calican Coops 12-10-17 and Desen Build Scope of work at 20 locations a not clear for analysis of direct conflicts, duplication of work, or throw away work. Project is not identified to Design Build technical Provisions Table 2-2 for coordinates. Blok of financial and schedule impacts to 1405 beign Build project unknown.	The majority of this feach-ble Safety transversement project area is not in trouble; whit the 1405 beagar hold project. Latinars will work with UCDs on boardons where the enemander process are projects are compared to the CDCIA/CI fourt Meeting on 12/14/17 where butter CT SMOPF projects were discussed. Final project work will not introduce coolings with 1-5 Central project. Risks for financial or schedule imparts will be alternated from the proposed projects.
2	ONSIO	In Santa Ana, from watth of fath Street to Broadway Routivide safety improvements.	(1) W (1)	EA INVITO project limbs and time frames conflict with OCTA's LS Central Project EA 0E8901. Scope of work in not clear. Additional information and coordination is necessary to reduce conflicts, duplication of work, or throw-away work.	The majority of this Roadside Salety Improvement project area is not in conflict with the Use conjugate california will work with DCLA or for on the when it is not yellow the properties degrated editional process to tridigate or eliminate conflicts. This strategy was eliminated at the OCLA CLI forth Meeting on 12/14/17 where future or strategy was eliminated at the OCLA CLI forth Meeting on 12/14/17 where future or strategy was eliminated from the project. Risks building than of work or throw away want will be eliminated from the project of Sisks building the projects.



PECHANGA INDIAN RESERVATION

Temecula Band of Luiseno Mission Indians

OFFICE OF THE GENERAL COUNSEL

Post Office Box 1477 • Temecula, CA 92593 Telephone (951) 770-6000 Fax (951) 695-7445 General Counsel Steve Bodmer

Deputy General Counsel Michele Hannah

Associate General Counsel Breann Nu'uhiwa Lindsey Fletcher

Of Counsel Frank Lawrence

December 28, 2017

Via Electronic Submission (http://www.dot.ca.gov/hq/transprou/SHOPP/draft_2018_shopp.html)

Mr. Bruce De Terra, Chief Division of Transportation Programming P.O. Box 942873, MS-82 Sacramento, CA 94273-0001

Re:

Pechanga Band of Luiseño Indians Comments on the Draft 2018 SHOPP

Project List

Dear Mr. De Terra:

These comments are being provided on behalf of the Pechanga Band of Luiseño Indians (hereinafter, "the Tribe"), a federally recognized Indian tribe and sovereign government in response to Caltrans' request for comments on the Draft 2018 SHOPP Project List. To the extent that any of the projects identified below require environmental compliance with the California Environmental Quality Act, the Tribe formally requests, pursuant to Public Resources Code §21092.2, to be notified and involved in the entire CEQA environmental review process for those projects. Please add the Tribe to your distribution list(s) for public notices and circulation of all documents, including environmental review documents, archeological reports, and all documents pertaining to the identified projects. The Tribe further requests to be directly notified of all public hearings and scheduled approvals concerning these projects.

The Tribe has reviewed the proposed projects in the draft SHOPP list and identified six (6) projects that lie within 'Attaxum (Luiseño) aboriginal territory, and which are situated in areas that contain significant prehistoric and historic tribal cultural resources. As the draft project list only provides the general location and a brief description of the project, the Tribe requests additional information – including more precise locations, proposed grading depths, and other anticipated earth-moving activities – for each project and reserves the right to request additional consultation with Caltrans following review of any project materials provided.

Specifically, the Tribe has identified the following projects for which we are requesting additional information: 1C850; 1G670; 1G870; 1C590; 1C660; 1F690; 1F141; and 1E770. Please provide any available information to Ebru Ozdil, Planning Specialist at eozdil@pechanga-nsn.gov. Should you have any questions regarding this letter, please do not hesitate to contact me at (951) 770-

Mr. Bruce De Terra, Chief Division of Transportation Programming Page 2

cc:

6179/mhannah@pechanga-nsn.gov. Thank you for the opportunity to provide comments and request consultation on these projects. We look forward to working with Caltrans to protect and preserve our irreplaceable Luiseño tribal cultural resources.

Sincerely,

Michele Hannah

Deputy General Counsel

Michele Hannah

Pechanga Cultural Resources Department

Caltrans Response to Pechanga Band of Luiseno Indians

Thank you for your response to Caltrans' request for comments on the Draft 2018 SHOPP Project List.

Please note that Tribal consultation is part of Caltrans' standard operating procedure for cultural resources compliance pursuant to both Section 106 of the National Historic Preservation Act (Section 106) and CEQA during Caltrans' Project Approval and Environmental Document (PA&ED) process. In addition, the Native American Heritage Commission and consulting Tribes are also invited to comment on Caltrans' environmental documents.

As you may know, Caltrans folds its Native American Consultation responsibilities under Section 106 and CEQA (including AB-52) into a single consultation process. Projects that qualify as a CEQA CE are not required to meet the timeframes for consultation established under AB-52, but still follow Caltrans consultation process referred to above.

The Pechanga Band of Luiseno Indians has requested that to the extent that the projects identified below require environmental compliance with the California Environmental Quality Act, that the Tribe be involved in the entire CEQA environmental review process. In fact, Caltrans has already initiated consultation on several of the listed projects and will continue to consult with the Tribe as requested.

The Tribe has identified the following projects for which additional information is being requested: 1C850; 1G670; 1G870; 1C590; 1C660; IF690; 1Fl 41; and 1E770. The current status of the listed projects is as follows:

1C850 RIV 74 WIDEN LANES, ADD SHOULDERS & RUMBLE STRIPS

Caltrans initiated Native American Consultation in February 2017 and is ongoing. As of January 2018, the Tribe has requested monitoring and will be monitoring during archaeological testing.

1G670 RIV 79 CONSTRUCT PAVED SHOULDERS AND WIDEN EXISTING CULVERTS

Caltrans Cultural Studies began work on this project in December 2017. Formal consultation will be initiated with the Tribe in early 2018.

1G870 RIV 215 INSTALL AN OUTER SEPARATION BARRIER

Caltrans processed this project in November 2017 as a Screened Undertaking under our 2014 Programmatic Agreement. The project's scope of work was minor and within public ROW located between I-15 and Antelope Road. Typically, Caltrans does not initiate formal Native American consultation on projects that qualify as a Categorical Exemption / Categorical Exclusion (CE/CE) with a minor scope of work. Additional information can be provided if requested.

1C590 RIV 74 SOURCE CONTROL IN LAKE ELSINORE

Caltrans Cultural Studies began work on this project in September 2017 and it is currently in the PA&ED process. Formal consultation will be initiated with the Tribe in early 2018.

1C660 RIV 215 SEDIMENT STABILIZATION, EROSION CONTROL

Caltrans Cultural Studies began work on this project in September 2017 and it is currently in the PA&ED process. Formal consultation will be initiated with the Tribe in early 2018.

1F690 RIV-79 NEAR TEMECULA MILL & OVERLAY

Caltrans Cultural Studies began work on this project in May 2017 and it is currently in the PA&ED process. Formal consultation was initiated January 8, 2018 and is on-going.

1F141 I-15 TEMECULA LANE REPLACEMENT

Caltrans initiated Native American Consultation in March 2017 with follow-ups in July and September 2017. As of January 2018, the Tribe has not responded.

1E770 RIV 74 SLOPE STABILIZATION

Caltrans processed this project in August 2017 as a Screened Undertaking under our 2014 Programmatic Agreement. The project's scope of work was minor and within Caltrans ROW located just west of Lake Elsinore. Typically, Caltrans does not initiate formal Native American consultation on projects that qualify as a Categorical Exemption / Categorical Exclusion (CE/CE) with a minor scope of work. Additional information can be provided if requested.

Comments submitted via online survey

What is your first and last name? Don Saylor

What is your email address? don.saylor@yolocounty.org

What is your phone number? (Optional) 530-757-5557

Please indicate the Agency you represent. Yolo County Board of Supervisors

2018 State Highway Operations and Protection Program Public Comments

Thank you for the opportunity to comment on the Draft 2018 SHOPP List of Projects. I serve as a Yolo County Supervisor representing District 2 and as a Board Member of the Yolo County Transportation District, the Sacramento Area Council of Governments, Capitol Corridor Joint Powers Board, and the Yolo-Solano Air Quality Management District. Through these roles I am aware of the comprehensive transportation-related needs of the Sacramento region. The rehabilitation for Interstate 80 (I-80) and US 50 (EA 03-4F650K) project addresses one of the most critical unaddressed corridors in our region. As other projects have moved forward, this segment has continued to be overlooked.

We appreciate California Department of Transportation's (Caltrans) commitment to rehabilitating and improving the State Highway System routes in Yolo County. We particularly appreciate the Draft 2018 SHOPP Project List that includes approximately \$4 billion in projects for fiscal years 2018-2019 through 2021-2022. We understand that these projects will address safety, emergency, mandates, and fix-it-first needs. However, we are concerned that the rehabilitation for Interstate 80 (I-80) and US 50 (EA 03-4F650K) was not included in the Draft 2018 SHOPP Project List. The Pavement Condition Survey for this section of road shows major distress and an unacceptable ride. I-80 and US 50 serve as major trade, commute and tourism routes for Yolo County and the Greater Sacramento Region. Also, I-80, being on the National Freight System, provides critical access to the Port of Oakland, the Port of West Sacramento, and serves as an important link for people and goods from the San Francisco Bay Area all the way to the East Coast. We therefore urgently request that Caltrans reconsider its position on this important project.

Caltrans Response to Yolo County

The Yolo County pavement rehabilitation project (03-4F650) described as "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). Rehabilitate pavement by placing Continuous Reinforced Concrete, rehabilitate bridge decks, median widening at three locations, upgrade bridge railings, and construct an auxiliary lane." This project is incorporated into the 2018 SHOPP as a Long Lead project.

Interim SHOPP Guidelines



CALIFORNIA TRANSPORTATION COMMISSION

INTERIM STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

Adopted June 28, 2017 Amended October 18, 2017

CALIFORNIA TRANSPORTATION COMMISSION

INTERIM STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

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CALIFORNIA TRANSPORTATION COMMISSION INTERIM

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

I. INTRODUCTION/OVERVIEW

1. 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.

2. Purpose

These guidelines describe the policy, standards, criteria and procedures for the development, adoption, and management of the State Highway Operation and Protection Program (SHOPP) by the California Transportation Commission (Commission). With respect to the SHOPP, governing law requires that the Commission:

- Advise and assist the California State Transportation Agency Secretary and the Legislature in formulating and evaluating state policies and plans for state transportation programs.
- Develop SHOPP guidelines in consultation with the California Department of Transportation (Caltrans).
- Receive the Caltrans proposed SHOPP not later than January 31 of each evennumbered year.
- Review the proposed SHOPP relative to its overall adequacy, Transportation Asset Management Plan (TAMP) consistency, compliance with applicable law, level of annual funding for implementation, and impact of expenditures on the State Transportation Improvement Program (STIP).
- Hold hearings in the North and South prior to adopting the SHOPP.
- Adopt the SHOPP and submit to the Legislature and Governor by April 1 of each even numbered year.
- Decline to adopt the SHOPP if not sufficiently consistent with the asset management plan.
- Allocate Caltrans' capital outlay support resources by project phase to provide public transparency for Caltrans budget estimates.
- Establish a threshold for requiring supplemental project allocations to ensure efficiency but not to unnecessarily delay projects.
- Approve amendments to the SHOPP proposed by Caltrans.
- Review and approve the TAMP for purposes of assessing the health and condition of the state highway system.
- Adopt targets and performance measures that reflect state transportation goals and objectives for purposes of effectively applying the state's limited resources in the SHOPP.

- Adopt the biennial five-year fund estimate of state and federal funds expected to be available for the SHOPP.
- Program and/or allocate state funds for capital projects, consistent with the SHOPP guidelines.
- Adopt guidelines for the development of regional transportation plans and the California Transportation Plan (CTP).
- Receive annual Caltrans reports relative to the expenditures made with road maintenance and rehabilitation funds including the progress made and achievement of the Senate Bill 1 (SB 1) specified 2027 performance goals and Commission adopted targets.
- Evaluate annually Caltrans' effectiveness in reducing deferred maintenance and improving road conditions as demonstrated by progress made in achieving the 2027 performance goals and Commission adopted targets. Include any findings in its annual report to the Legislature.
- Make recommendations for improvement and withhold future project allocations if determined that funds were not appropriately spent.

3. <u>Guidelines Objectives</u>

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

- a. Consistent with the TAMP, Ten-Year SHOPP Plan, and Five-Year Maintenance Plan, develop and manage the SHOPP as a resource management document.
- b. Facilitate transportation decision making by those who are closest to the transportation problems.
- c. Recognize that, although Caltrans is the owner-operator of the state highway system, the regional agencies have the lead responsibility for resolving urban congestion problems, including those on state highways.
- d. Facilitate cooperative programming and funding ventures between Caltrans and local agencies including the regional transportation agencies.
- e. Recognize regional and statewide goals and objectives in the rehabilitation and operation of the state-owned highway transportation system.
- f. Emphasize partnerships between Caltrans and regional agencies in making investment decisions addressing the most critical corridor needs, regardless of mode choice.
- g. Accelerate project delivery, to ensure efficient use of funds, and to address deferred maintenance on the state highway system.
- h. Establish allocation thresholds that the Commission determines are necessary to ensure efficiency and provide exceptions as necessary so that projects are not unnecessarily delayed.
- i. The Commission intends to carry out these objectives through these Interim Guidelines, stressing accountability, flexibility, and simplicity.

4. Definitions and Acronyms

Definitions for certain capitalized terms used in the Interim SHOPP Guidelines are contained in the referenced section. Acronyms used in the Interim SHOPP Guidelines are included in <u>Appendix A</u>.

5. Statutory Authority

The Interim SHOPP Guidelines were developed and adopted consistent with (Appendix B):

- 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) Chapter 5, Statutes of 2017);
- f. Commission Resolutions including, but not limited to: G-00-13, G-06-13, G-05-16, G-11-16, and G-12-16.
- 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.

6. <u>Applicability of Interim SHOPP Guidelines</u>

The Interim SHOPP Guidelines apply to projects programmed in the SHOPP. The Interim SHOPP Guidelines do not apply to transportation programming requirements specified in federal Transportation Improvement Programs (TIP) and the federal STIP required by federal statutes. Generally, all projects receiving federal transportation funds must be programmed in a federal TIP (for projects in urbanized regions) and also in a federal STIP. Metropolitan Planning Organizations are responsible for developing and adopting federal TIPs and Caltrans is responsible for preparing the federal STIP. The requirements for federal TIPs and the federal STIP are specified in federal statutes (Title 23 USC) and federal regulations (23 CFR part 450).

7. Compliance with Federal and State Requirements

Caltrans shall comply with all Federal and State requirements.

8. <u>Delegation of Authority</u>

As of the date of these Interim SHOPP Guidelines, the Commission has taken formal action to delegate (Appendix C) certain authorities to Caltrans:

- Resolution G-05-16: Sub-allocation and Adjustment of Minor Capital Construction Projects.
- Resolution G-06-13: Allocation of Funds for Safety Projects.
- Resolution G-11-16: Funding Emergency Condition Response Projects.
- Resolution G-12-16: Adjustment and Modification of Project Allocations and Descriptions.

9. 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.

II. SHOPP-RELATED DOCUMENTS SUBJECT TO COMMISSION ACTION

10. <u>Transportation Asset Management Plan</u>

Pursuant to Government Code Section 14526.4, Caltrans in consultation with the Commission shall prepare a robust Asset Management Plan (TAMP) to guide selection of projects for the SHOPP. Caltrans may prepare the TAMP in phases, the first phase to be implemented with the 2016 SHOPP. The complete TAMP is due no later than the 2020 SHOPP. The Commission reviews and approves the TAMP and adopts targets and performance measures reflecting state transportation goals and objectives. The TAMP is a strategic and systemic 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 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 TAMP that included: pavement, bridge, culverts, and Intelligent Transportation System (ITS) components.

Notwithstanding the foregoing, SB 1 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.

11. Ten-Year SHOPP Plan

Pursuant to Streets and Highways Code Section 164.6(a), Caltrans shall prepare a ten-year state rehabilitation plan for the rehabilitation and reconstruction, or combination thereof, to be included in the SHOPP, of all state highways and bridges owned by the state. This plan is hereafter referred to as "Ten-Year SHOPP Plan."

12. Five-Year Maintenance Plan

Pursuant to Streets and Highway Code Section 164.6(b), Caltrans shall prepare a five-year maintenance plan that addresses the maintenance needs of the state highway system. This plan is hereafter referred to as "Five-Year Maintenance Plan."

III. SHOPP FUNDING

13. 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.

14. <u>State-Only Funding</u>

The Commission will assume that all projects will be qualified for federal transportation funding unless Caltrans designates otherwise. Whenever Caltrans designates a project to be programmed for state-only (non-Federal) funding, it will explain the reason for this designation. Projects programmed without a state-only designation and later proposed for state-only funding allocations will be subject to Caltrans recommendation for exception to federal funding prior to the Commission's fund allocation. Caltrans is updating its federal funding policy due to the passage of SB 1 and will submit the updated policy for future Commission action.

15. 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.

16. Advance Mitigation Program

Pursuant to Article 2.5(b) of Chapter 4 of Division 1 of the Streets and Highway Code, beginning in fiscal year 2017-18 and for a period of four years, Caltrans shall set aside no less than thirty million dollars (\$30,000,000) annually for the Advance Mitigation Program from the annual appropriations for the STIP and SHOPP for the planning and implementation of projects in the Advance Mitigation Program. The Advance Mitigation Program was created to enhance communications between the Caltrans and stakeholders to protect natural resources through project mitigation, to meet or exceed applicable environmental requirements, to accelerate project delivery, and to fully mitigate environmental impacts from transportation infrastructure projects. The annual Budget Act and subsequent legislation may establish additional provisions and requirements for the Advanced Mitigation Program.

17. GARVEE Bonding

If the fund estimate projects the availability of federal funding for the SHOPP, the Commission may, by SHOPP amendment, select SHOPP eligible projects proposed for accelerated construction through 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 that require bond proceeds exceeding \$25 million.

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

GARVEE bonds cover only the federally-funded portion of a project's cost (generally 88½ percent). GARVEE bonding in California is structured so that the state's future federal transportation apportionments cover all debt service payments. 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.

IV. SHOPP DOCUMENT

18. General

The SHOPP is a biennial program adopted no later than April 1 of each even numbered year. Consistent with the Biennial STIP Fund Estimate, discussed in Section 13, each SHOPP will cover a two-year period and add two new years of programming capacity.

19. TAMP (Phase I) Four Approved Asset Classes

Pursuant to the Commission's Approved Action in March 26, 2015 (Tab 26) (attached as reference) and consistent with the TAMP, each SHOPP document shall include pavement, bridge, culvert, and ITS projects and specify their corresponding performance measures for each year of the SHOPP for the first phase of the TAMP transition. Subject to the review and approval of the Commission, the SHOPP shall include other assets and specify their respective performance measures once Caltrans addresses them in the future TAMP phase(s).

20. <u>SHOPP Preparation</u>

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, Ten-Year SHOPP Plan, and Five-Year Maintenance Plan, each new SHOPP shall include projects carried forward from the previous SHOPP plus new projects and reserves that are expected to be advertised prior to July 1 of the year of adoption, but for which the Commission has not yet allocated funds. The total amount programmed in each fiscal year of the SHOPP shall not exceed the amount specified in the STIP Fund Estimate.

21. <u>Display of Project Scope, Budget, Schedule, and Performance Measure</u>

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 (e.g. PPNO, EA, Project ID) provided by Caltrans.
- c. For projects on the state highway system, the route number and post-mile (or post-kilometer) limits.
- d. Support and capital budgets for project approval and environmental document (PA&ED), plans, specifications, and estimates (PS&E), right-of-way (support and capital), and construction (support and capital) including the source and amounts of non-SHOPP funds, if any, committed to the project.
- e. Any appropriate funding restriction or designation, including projects requiring stateonly funding, or projects requiring federal funds.
- f. Project delivery date for PA&ED completion, PS&E completion, Right-of-Way certification, and commencement of construction (construction contract awarded).
- g. Planned performance measure(s) for each project.
- h. Description based on quantified and qualitative information to document transparently and in plain language how the SHOPP is consistent with the Commission approved TAMP.

22. Database

Caltrans is responsible for maintaining an electronic database record of the adopted SHOPP documents and Commission actions that amend the SHOPP. The current data base 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 performance benefits and updates thereof to enhance communication among the districts and headquarters, to ensure efficient management of the entire portfolio, and to provide public transparency.

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 performance metrics. The four-year SHOPP document will describe in plain language its overall adequacy and consistency with the Ten-Year SHOPP Plan, Five-Year Maintenance Plan, as well as the Commission approved TAMP, 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. 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 two-year cycle SHOPP document relative to its overall adequacy and consistency with the TAMP prepared and approved pursuant to Government Code Section 14526.4 and funding priorities established in Streets and Highway 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. Not later than April 1 of each even numbered year the Commission shall adopt each two-year 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 Ten-Year SHOPP Plan, Five-Year Maintenance Plan, and TAMP prepared and approved pursuant to Government Code Section 14526.6.

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 two-year cycle SHOPP 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 shall remain in effect until a new SHOPP is adopted.

Caltrans will publish the SHOPP record 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 and are a part of the newly adopted SHOPP until final acceptance is achieved and a final report of actual expenditures against Commission allocations is provided to the Commission.

V. SHOPP PROJECTS

25. Eligibility

Projects eligible for SHOPP funds include 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, and to advance mitigation projects. Streets and Highways Code Section 2030 (b)(1)(D) states that complete street components, including active transportation purposes, pedestrian and bicycle safety projects, transit facilities, and drainage and storm water capture projects are SHOPP-eligible in conjunction with any other allowable project. Examples of operation improvement projects include, but are not limited to the following:

- Auxiliary lanes for merging or weaving between adjacent interchanges.
- Intersection modifications including traffic signals.
- Slow vehicle lanes on conventional highways and four lane freeways.
- Curve and vertical alignment corrections.
- Two-way left turn lanes.
- Channelization.
- Turnouts
- Chain control and truck brake inspection sites.
- Shoulder widening.
- Traffic Management Systems.
- Traffic Management Centers.
- Multimodal corridor projects.

26. Project Budget

For each project in the SHOPP, Caltrans shall identify each phase of a project and include the specified budget. Pursuant to Government Code Section 14526.5(c)(1), Caltrans, at a minimum, shall specify, for each project in the SHOPP (where applicable), the <u>capital and the support</u> budget for each of the following project phases:

- a. PA&ED (only consists of support);
- b. PS&E (only consists of support);
- c. Right-of-way (support and capital); and
- d. Construction (support and capital).

27. Project Delivery 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:

- a. PA&ED completion;
- b. PS&E completion;

- c. Right-of-way certification; and
- d. Start of Construction.

28. Project Scope

The specified scope of each eligible SHOPP project, must be consistent with the TAMP.

VI. PROGRAMMING PROJECTS

29. Project Study Reports

A new project may not be programmed in the SHOPP without a complete project study report (PSR) to define and justify the project scope, cost, schedule, and expected benefits including performance goals/benefits. A PSR or equivalent (such as a Project Initiation Document (PID)) is a report that meets the standards of the Commission's PSR guidelines. Though a PSR (or PID may focus on the project components proposed for programming, it must provide at least a preliminary estimate of costs for all components. The PSR, or PSR equivalent, or Project Report must be submitted, or a link may be provided to view the document electronically. Each PSR needs to account for known risks that might impact the project budget, scope, schedule, and achievement of performance goals/targets from initiation through construction completion.

30. Project Selections

Consistent with the TAMP, Ten-Year SHOPP Plan, and Five-Year Maintenance Plan, Caltrans shall establish a transparent selection process to select quality eligible projects for each two-year cycle SHOPP document. In particular, each project's planned performance measures for achievement of goals and targets must be identified consistent with the TAMP.

31. 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 and consistent with similar programming practices prescribed for STIP projects, project components may be programmed sequentially. The Commission encourages sequential programming of SHOPP components when needed to develop a shelf of work that can be released as appropriate. These projects, also known as "contingency projects," must be SHOPP eligible.

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. These projects, also known as "long lead projects," must be SHOPP eligible.

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 RSTP, CMAQ, the commitment may be by Federal TIP adoption.

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

32. 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 (<u>Appendix C</u>). Caltrans shall bring forward for Commission consideration any safety project with a construction allocation greater than 120 percent of the programmed amount.

33. <u>Emergency Condition Response Projects</u>

Pursuant to Commission Resolution G-11-16 Caltrans is authorized to allocate funds for emergency condition response projects (<u>Appendix C</u>) 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 reported to the Commission at its next meeting. Further Caltrans is authorized to allocate funds to follow-up permanent restoration projects associated with and that immediately follow an emergency condition response project, with the understanding that these allocations will be identified and reported to the Commission as "follow-up permanent restoration" projects at its next meeting.

34. Minor Projects

Pursuant to Commission Resolution G-05-16 (<u>Appendix C</u>), 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. The Commission will not allocate funds from the SHOPP minor program for capacity-increasing projects, including stand-alone bicycle and pedestrian facilities, sound walls, and enhancements, and mitigation for STIP projects.

35. Multi-Modal Corridor Projects

SHOPP eligible Multi-Modal Corridor projects may be programmed in the SHOPP when consistent with the TAMP, Ten-Year SHOPP Plan, and Five-Year Maintenance 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.

36. <u>Completion of Environmental Process</u>

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 may not allocate funds for design, right-of-way, or construction prior to documentation of environmental clearance under the California Environmental Quality Act for projects that require a negative declaration, mitigated negative declaration or environmental impact report, 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. Exceptions to this policy may be made in instances where federal law allows for the acquisition of right-of-way prior to completion of National Environmental Policy Act review

When project design, right-of-way or construction are programmed before Caltrans completes the environmental process, updated cost estimates shall be submitted in the SHOPP cycle following completion of the environmental process. Cost estimates for project components that are programmed and that have not been allocated shall be updated, as needed, based on the most current cost information during every SHOPP cycle. Only cost estimates approved by the Caltrans Director or by a person authorized by Caltrans' Director to approve cost estimates for programming will be used.

37. <u>Programming Combined SHOPP and Non-SHOPP Projects</u>

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 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-12-16 until all other non-SHOPP funds committed to the project have been expended.

38. Programming Escalations

Caltrans is responsible to apply escalations when recommending projects to the Commission for programming. The amount programmed for each project component shall be escalated to the midpoint of the duration of each component. The standard escalation rate for the SHOPP shall be the rate specified in the last Commission adopted Fund Estimate for the SHOPP. Caltrans may elect to use alternative escalation factors for right-of-way or other project support phases as it deems appropriate.

All project costs recommended by Caltrans for programming are to be recommended on the basis of their fully escalated (inflated) costs. All SHOPP project programming shall therefore be at costs escalated to the year in which project delivery is proposed. Cost estimates for project components that are programmed and that have not been allocated shall be updated, as needed, based on the most current cost information during every SHOPP cycle.

39. Allocation for Support and Construction

a. *General*. Beginning July 1, 2017, for a project that experiences increases in capital or support costs above the amounts in the Commission's allocation for SHOPP projects, the Commission shall establish a threshold for requiring a supplemental project allocation. The Commission's adopted Interim SHOPP Guidelines shall 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. Consistent with the Interim SHOPP Guidelines, Caltrans shall, for each project

- requiring a supplemental project allocation, submit a 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% of the programmed amount, a Commission allocation is required.
- c. *Support*. The costs programmed and allocated for Caltrans support for the following project components/phases, including but not limited to, PA&ED, PS&E, right-of-way, and construction, is the amount identified and presented to the Commission for allocation vote. For allocation requests equal to or greater than 120% of the programmed amount, a Commission allocation is required.
- d. No adjustment will be made by Caltrans beyond the authority delegated by Commission Resolution G-12-16. To encourage accurate estimates, the Commission will consider SHOPP amendments for project development only upon completion of the project development phase and when the change in the total project development costs exceed the G-12-16 authority.

VII. CALTRANS' MANAGEMENT OF THE SHOPP

40. Scope, Cost, Schedule

Caltrans is responsible to manage the entire SHOPP portfolio of projects to meet the state's transportation needs and ensure that each project is delivered within scope, budget, and on schedule consistent with the TAMP, Ten-Year SHOPP Plan, and Five-Year Maintenance Plan.

41. <u>Criteria for Measuring Performance and Cost-Effectiveness</u>

Consistent with the TAMP, Ten-Year SHOPP Plan, and Five-Year Maintenance Plan, Caltrans is responsible for developing performance measures, objectives, and priorities that include consideration of the overall performance of the transportation system consistent with federal and state planning requirements. Pursuant to Government Code Section 14526.4(c), in connection with the TAMP, the Commission reviews and approves the TAMP and adopts targets and performance measures reflecting the state transportation goals and objectives. The Commission expects that Caltrans will develop procedures to measure and ensure cost effectiveness in achieving the targets outlined by SB 1 in addition to the Commission adopted targets.

42. Allocation of Funds

Pursuant to Government Code Section 14526.5(g), on or after July 1, 2017, to provide sufficient and transparent oversight of Caltrans's capital outlay support resources composed of both state staff and contractors, the Commission is required to allocate Caltrans's capital outlay support resources by project phase, including preconstruction. Through this action, the Commission will provide public transparency for Caltrans's 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 funds for all projects listed in the SHOPP. This establishes the original allocation budget for each component.
- b. During each two-year cycle, the Commission will consider allocation of funds for a programmed project or programmed component when it receives an allocation request

- and recommendation from Caltrans. The Commission will only consider an allocation of construction 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 PS&E is complete, environmental and right-of-way clearances are secured, and all necessary permits and agreements (including railroad construction and maintenance) are executed.
- 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 Sections 43 and 44 (Timely Use of Funds), all construction allocations are valid for six months from the date of allocation unless the Commission approves an extension (Sections 44 and 45, Timely Use of Funds).
- f. Unless otherwise approved by the Commission in accordance with Sections 43 and 44 (Timely Use of Funds), all allocations for support are valid for six months from the date of allocation unless the Commission approves an extension (Sections 43 and 44, Timely Use of Funds).
- g. All allocations will be made in units of \$1,000, and all allocation requests shall therefore be in units of \$1,000. The 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, or Federal Trust Fund, as well as the fund type within the account including type of federal funds. Caltrans' recommendation to the Commission for state only funding of a project will be made in accordance with Caltrans's 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.
- h. In compliance with Public Resources Code Section 21102, the Commission may not allocate funds, other than funds appropriated in the Budget Act or projects involving only feasibility or planning studies for possible future actions construction prior to documentation of environmental clearance under the California Environmental Quality Act for projects that require a negative declaration, mitigated negative declaration or environmental impact report, 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. Exceptions to this policy may be made in instances where federal law allows for the acquisition of right-of-way prior to completion of National Environmental Policy Act review.
- i. Each project's programmed phase must be allocated on time as scheduled. Scheduled fiscal year allocations must be completed no later than June of each year.
- j. All funds allocated are subject to the timely use of funds provision as described in Sections 43 and 44 (Timely Use of Funds) of these guidelines.
- 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.
- 1. Projects using the Construction Management/General Contractor (CM/GC) delivery method should be identified at the time of programming. If a CM/GC delivery strategy is determined at a later date, the project shall be amended accordingly. During the design phase, the CM/GC contract costs are considered design phase expenditures. Upon award of the construction contract, 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 component 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.

43. <u>Timely Use of Funds for Support</u>

The following requirements apply to timely use of funds allocated by the Commission for SHOPP project support costs:

- a. Funds that are programmed for Caltrans' support costs are available for allocation only until the end of the fiscal year identified in the SHOPP. Whenever programmed funds are not allocated within this deadline, the project is considered a failed project and will be deleted from the SHOPP, unless Caltrans requests a time extension that is approved by the Commission before the end of the fiscal year.
- b. Funds allocated for construction support must initiate expenditure within 6 months of the date of allocation unless the Commission approves an extension as provided in Section 45.
- c. After the Commission's allocation for support, Caltrans has up to 36 months to complete the scope of work specific to that project component/phase. At the time of fund allocation, the Commission may extend the deadline for completion of work and the liquidation 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 when the construction contract is accepted.
- d. Whenever allocated funds have not initiated expenditure within 6 months of the date of allocation 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 started expending allocated support funds within six months of the date of the Commission's allocation.
- f. The Commission will not amend the SHOPP to delete or change the program year of the funding for any project component programmed in the current fiscal year or earlier 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 two types of amendments are adjustments that may be incorporated into the Commission's allocation action.

44. Timely Use of Funds for Construction

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

- a. Funds programmed for Caltrans' construction costs are available for allocation only until the end of the fiscal year identified in the SHOPP. Whenever programmed funds are not allocated within this deadline, the project is considered a failed project and will be deleted from the SHOPP, unless the Commission approves a time extension.
- b. Funds allocated for construction must be encumbered by the award of a construction contract within 6 months of the date of allocation unless the Commission approves an extension as described below. Projects 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 liquidation 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 44, 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 six months of the date of the Commission's allocation.
- f. The provisions for the timely use of funds above related to construction apply to Caltrans's project capital costs, except Caltrans's right-of-way capital costs, which the Commission allocates annually on a lump sum basis rather than by project. The annual right of way capital allocation will be the same amount programmed for the current fiscal year.
- g. The Commission will not amend the SHOPP to delete or change the program year of the funding for any project component programmed in the current fiscal year or earlier 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 two types of amendments are adjustments that may be incorporated into the Commission's allocation action.

45. <u>Timely Use of Funds – Extension</u>

- a. Where a programmed project or project component 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 component is not ready for allocation as programmed in the current fiscal year, Caltrans is prohibited from submitting a SHOPP amendment.
- b. The Commission may extend the deadlines for allocation of funds, for award of a construction contract, for expenditures of funds, or for contract completion no more

than one time and only if it finds that an unforeseen and extraordinary circumstance beyond the control of Caltrans has occurred that justifies the extension. The extension will not exceed the period of delay directly attributed to the extraordinary circumstance and will in no event be for more than 20 months.

46. <u>Management of Contingency and Long-Lead Projects</u>

Commission Resolution G-00-13 was approved in June 2000 to provide Caltrans with a means to develop SHOPP projects that require periods longer than the four-year SHOPP time frame to develop. Caltrans has established procedures for SHOPP Long Lead projects (<u>Appendix C</u>). 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.

47. <u>Management of Reservation Projects</u>

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.

48. <u>Management of Minor Projects</u>

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.

VIII. CHANGE MANAGEMENT

49. Introduction

During the project development process, changes to a programmed project might be necessary to update project components and to realign a project to meet its objectives and goals. Caltrans is responsible to adjust and manage 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 during each two-year cycle SHOPP document, project amendments off cycle upon completion of PA&ED and PS&E, and Supplemental Funds Request.

50. <u>Managing Within the Commission's Delegated Authority</u>

Pursuant to the Commission Resolution G-12-16, attached in <u>Appendix C</u>, the Caltrans Director is delegated authority to increase the Commission approved project component values within preestablished thresholds.

51. Changes to Two-Year Cycle SHOPP Document

Every two years any project component listed in the SHOPP can be updated and right sized consistent with the TAMP and its most current estimate as long as that component has not received a Commission allocation of funds. Once allocated, the component must be managed by Caltrans within the Resolution G-12-16 parameters. Any project component that has expended its allocation plus its G-12-16 authority must receive a supplemental allocation of funds from the Commission. Caltrans is responsible to implement a change management process to manage and

document the SHOPP cycle changes internally. These SHOPP cycle changes must be identified, documented, and finalized by January of each even year. A Commission action is required to accept the programming recommendations and adopt the SHOPP document.

IX. SHOPP DELIVERY

52. Goals

It is the Commission's goal that programmed SHOPP projects be delivered as programmed in the SHOPP document. Project delivery means allocation of funds for the programmed project or project component. With the exception to SHOPP amendments approved pursuant to Section 54 (Changes via Commission Amendment), the Commission expects that Caltrans will endeavor to deliver on all projects programmed in the SHOPP.

53. <u>Changes via Commission Amendment</u>

Any programmed unallocated project component may be updated off cycle via a Caltrans amendment request. With the exception of updates necessary at the end of PAED or PS&E, only updates for unforeseen and extraordinary circumstances beyond the reasonable control of Caltrans will be considered. A Commission action to amend the project is needed. The Commission encourages Caltrans and Commission staff, to streamline the amendment process and enhance accountability.

54. Project Delivery

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 timely recognized, 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.

55. Delivery Deadline Extensions

The Commission may extend a delivery deadline, as described in Section 56, upon the request of Caltrans. No deadline may be extended more than once. However, there are separate deadlines for allocation, for award of a contract, for expenditures for project development or right-of-way, and for project completion, and each project component has its own deadlines. The Commission may consider the extension of each of these deadlines separately.

The Commission may grant a deadline extension only if it finds that an unforeseen and extraordinary circumstance beyond the control of Caltrans has occurred that justifies the extension. The extension will not exceed the period of delay directly attributable to the extraordinary circumstance and will in no event be for more than 20 months.

All requests for project delivery deadline extensions shall be submitted in accordance with Commission Meeting deadlines. The extension request should describe the specific circumstance that justifies the extension and identifies the delay directly attributable to that circumstance. Caltrans will forward extension requests to the Commission for action.

X. SHOPP DEVELOPMENT SCHEDULE AND PROCEDURES

56. SHOPP Development Schedule

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

Caltrans submits the proposed Ten-Year SHOPP Plan	By January 31 of odd numbered
and TAMP	years.
Commission reviews and comment on the Ten-Year	By May 1 of odd numbered years
SHOPP plan and TAMP	
Caltrans presents Draft Fund Estimate to the	By July 15 of odd numbered years
Commission	
Commission adopts Fund Estimate	By August 15 of odd numbered years
Caltrans to share initial draft of proposed SHOPP	By December of odd numbered year
Caltrans submits proposed SHOPP	By January 31 of even numbered
	years
Hearing in Northern California	February of even numbered years
Hearing in Southern California	March of even numbered years
Commission Adopts SHOPP and Submits to Legislature	By April 1 of even numbered years
and Governor	

XI. REPORTING AND ACCOUNTABILITY

57. 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 TAMP 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 FY. The report shall include:

- a. A list of completed projects by phase showing planned and actual performance measures 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.
- e. The Commission staff, in consultation with Caltrans, shall develop a format and content requirement for the reports.

58. Report on Completed SHOPP Project

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 state highway operation and protection program 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.

59. Efficiencies

Pursuant to Streets and Highways Code section 2032.5(d), Caltrans shall implement efficiency measures with the goal to generate at least one hundred million dollars (\$100,000,000) per year in savings to invest in maintenance and rehabilitation of the state highway system. These savings shall be reported to the Commission.

60. Accountability Reporting

Pursuant to Streets and Highways Code section 2032.5(a), Caltrans and the Commission shall implement the accountability and evaluation reporting:

- 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, the project's estimated useful life, and the project's expected performance benefits.
- b. Caltrans shall report quarterly and more often as requested by the Commission on the progress it has made in achieving the 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.
- f. Consistent with the approved Transportation Asset Management Plan (TAMP) and statutes, Caltrans shall develop a ten-year performance baseline plan for each asset, including intermediate annual benchmarks, against which the Commission will evaluate progress reported by Caltrans towards achieving both the 2027 asset performance targets and goals set forth in SB 1 and the Commission-approved performance targets in the TAMP. Caltrans shall bring forward recommendations for benchmarks to the Commission at the December 6-7, 2017 Commission meeting for approval and annually thereafter.

XII. APPENDICES

Appendix A: List of Acronyms Appendix B: Statutory References

Appendix C: Commission Resolutions and Delegations

Appendix D: March 26, 2015 Commission Action Regarding Asset Management Plan

APPENDIX A

LIST OF ACRONYMS

CEQA	California Environmental Quality Act (State)
CMAQ	Congestion Mitigation and Air Quality Program (Federal)
Commission	California Transportation Commission
CTP	California Transportation Plan
FSTIP	Federal State Transportation Improvement Program (Federal)
FTIP	Federal Transportation Improvement Program (Federal)
FY	Fiscal Year
ITIP	Interregional Transportation Improvement Program (State)
ITS	Intelligent Transportation Systems
NEPA	National Environmental Policy Act (Federal)
PA&ED	Project Approval and Environmental Document
PID	Project Initiation Document
PPNO	Planning Program Number
PSR	Project Study Report
	Plans, Specifications, and Estimate
	State Highway Operation and Protection Program
SHS	State Highway System
STIP	State Transportation Improvement Program
TIP	Transportation Improvement Program

APPENDIX B

STATUTORY REFERENCES

The Interim 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) Chapter 5, Statutes of 2017);
- f. Commission Resolutions including, but not limited to: G-00-13, G-06-13, G-05-05, G-16-11, and G-16-12.
- 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.

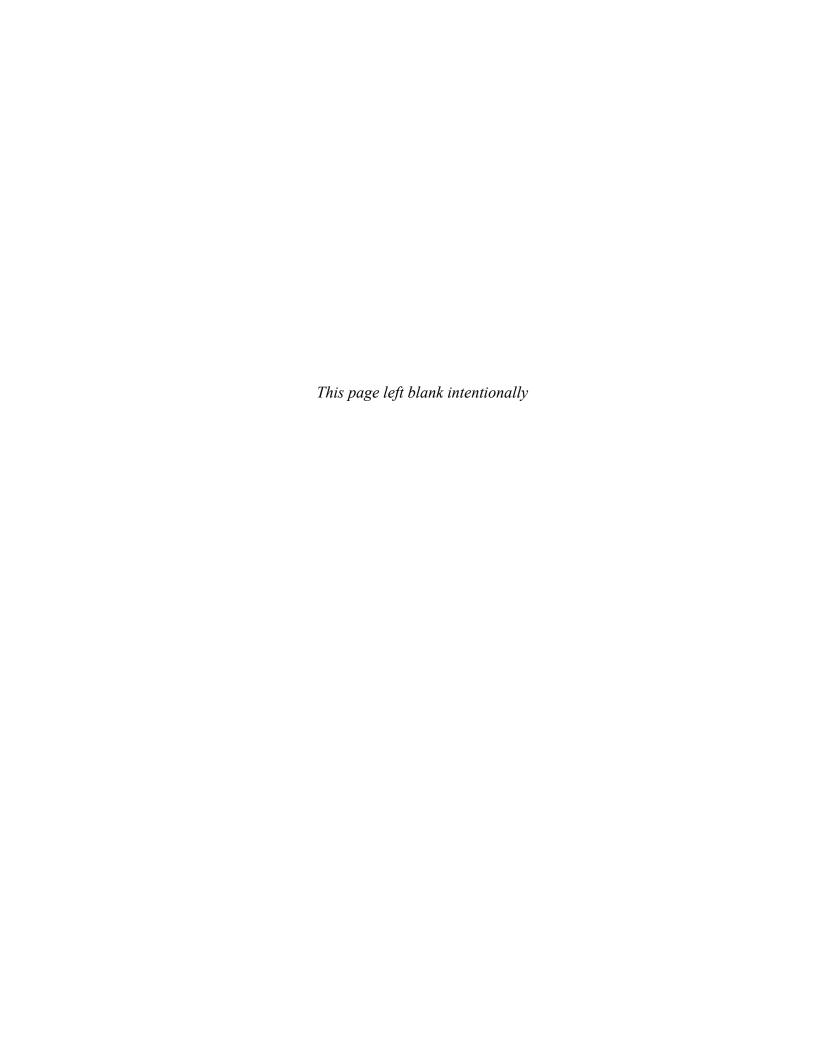


EXHIBIT F: 2018 SHOPP County Listing of Projects

County	Page No.	County	Page No.
Alameda	F - 1	Orange	F - 142
Alpine	F - 13	Placer	F - 156
Amador	F - 14	Plumas	F - 159
Butte	F - 15	Riverside	F - 161
Calaveras	F - 19	Sacramento	F - 171
Colusa	F - 21	San Benito	F - 180
Contra Costa	F - 22	San Bernardino	F - 181
Del Norte	F - 26	San Diego	F - 193
El Dorado	F - 29	San Francisco	F - 206
Fresno	F - 32	San Joaquin	F - 209
Glenn	F - 37	San Luis Obispo	F - 218
Humboldt	F - 39	San Mateo	F - 222
Imperial	F - 49	Santa Barbara	F - 227
Inyo	F - 51	Santa Clara	F - 233
Kern	F - 52	Santa Cruz	F - 240
Kings	F - 59	Shasta	F - 244
Lake	F - 61	Sierra	F - 247
Lassen	F - 64	Siskiyou	F - 248
Los Angeles	F - 66	Solano	F - 251
Madera	F - 105	Sonoma	F - 254
Marin	F - 107	Stanislaus	F - 259
Mariposa	F - 110	Sutter	F - 262
Mendocino	F - 112	Tehama	F - 263
Merced	F - 119	Trinity	F - 267
Modoc	F - 123	Tulare	F - 271
Mono	F - 124	Tuolumne	F - 275
Monterey	F - 126	Ventura	F - 277
Napa	F - 133	Yolo	F - 284
Nevada	F - 137	Yuba	F - 287



		(+						-	a du c
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сарі	tal	Suppo		COS Allocation FY	Miles	tones
COLLISION RED	UCTION								
04-Alameda-80 4.5/R7.6 1488S 0415000183	In Berkeley and Albany, from Route 13 to east of El Cerrito Separation. Install median safety lighting and replace median concrete barrier.	3J700 2019-20	R/W: Const:	\$25 \$14,587	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,750 \$2,750 \$100 \$2,625	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 4/1/2020 4/1/2020 11/30/2020
			Subtotal: Total Proje	\$14,612 ct Cost:		\$8,225 \$22,837			
Carryover			Program Co			• •	provements a) reduced		
04-Alameda-84 R0.7/R3.1 1493F 0416000005	In Fremont, from north end of Dumbarton Bridge to south of the Toll Plaza. Install outer separation barrier between route and frontage road.	4J750 2019-20	R/W: Const:	\$3,280 \$15,560	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,000 \$2,500 \$240	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/30/2018 3/1/2020 4/1/2020 12/7/2020
			Subtotal: Total Proje	\$18,840 ct Cost:		\$7,240 \$26,080			
Carryover			Program Co				provements a) reduced		
04-Alameda-84 10.8/18.0 0076B 0414000039	In Fremont, from Route 238 (Mission Boulevard) to Route 680. Widen shoulders, install traffic signals and upgrade barriers.	2A332 2018-19	R/W: Const:	\$2,000 \$19,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,800 \$500	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/30/2017 2/1/2019 4/16/2019 12/8/2019
			Subtotal: Total Proje	\$21,500 ct Cost:		\$18,300 \$39,800			
Carryover			Program Co				provements a) reduced		
04-Alameda-580 R1.3/R6.0 1495F 0416000125	Near Livermore, from Flynn Road to Grant Lin Road. Install safety lighting and establish electrical service connection.	e 0K680 2019-20	R/W: Const:	\$493 \$4,211	PA&ED: PS&E: R/W Sup: Con Sup:	\$962 \$806 \$104 \$962	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2019 5/1/2020 6/1/2020 12/1/2020
			Subtotal: Total Proje	\$4,704 ct Cost:		\$2,834 \$7,538			
Carryover			Program Co				provements		





		(Ψ	1,000)						arrans
Dist- Co-Rte Post Mile							COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		FY	ı Miles	tones
04-Alameda-880 20.9 1491G 0416000001	In San Leandro, at the southbound Route 880/238 Connector offramp to Washington Avenue. Reconstruct and signalize offramp.	4J730 2019-20	R/W: Const:	\$150 \$3,445 \$3,595	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,250 \$125	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/201 2/4/202 5/4/202 11/2/202
			Total Proje	. ,		\$7,420			
			Program C	Code	201.010 S	afety Impi	rovements		
Carryover			Performan	ce Measu	re 74 C	Collision(s)	reduced		
04-Alameda-Var 1481B 0414000357	In Alameda County, on Routes 80, 84, 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	1J780 2020-21	R/W: Const:	\$10 \$6,311	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,118 \$1,274 \$104 \$1,534	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/201 3/1/202 6/1/202 2/1/202
	wet pavement conditions.		Subtotal: Total Proje	\$6,321 ect Cost:		\$4,030 \$10,351			
New			Program C			Collision Se	everity Red	luction	
04-Alameda-13 1492F 0416000054	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	2021-22	R/W: Const:	\$290 \$8,237	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,261 \$1,145 \$229 \$1,345	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/202 3/1/202 5/5/202 11/2/202
	pedestrian safety at ramp termini and uncontrolled pedestrian crossings.		Subtotal: Total Proje	\$8,527 ect Cost:		\$3,980 \$12,507			
New			Program C			Collision Se	everity Red	luction	
04-Alameda-13 0488Q 0414000003	In various cities, on Routes 13, 61, and 123 at various locations; also in Contra Costa County, on Route 123, at Eureka Avenue. Crosswalk safety enhancements.	0J470 2019-20	R/W: Const:	\$840 \$4,290	PA&ED: PS&E: R/W Sup: Con Sup:	\$788 \$1,393 \$200 \$800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/19/201 11/1/201 12/31/201 6/1/202
			Subtotal: Total Proje	\$5,130 ect Cost:		\$3,181 \$8,311			
Carryover			Program C			Collision So	everity Red	luction	





Dist-Co-Rte Post Mile PPNO EFIS 04-Alameda-13 1487Q 0415000088	Location/Description	EA					COS		
04-Alameda-13 1487Q	<u> </u>					A	Allocation	ı	
1487Q		Prog Year	Сар	ital	Suppo		FY	Miles	tones
	In various cities, on various routes, at various locations. Crosswalk safety enhancements.	3J110 2018-19	R/W: Const:	\$50 \$4,040	PA&ED: PS&E: R/W Sup: Con Sup:	\$786 \$1,000 \$214 \$572	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/3/201 4/1/201 5/1/201 12/30/201
			Subtotal: Total Proje	\$4,090 ect Cost:		\$2,572 \$6,662			
Carryover			Program (201.015 C re 38 C	Collision Se	-	luction	
04-Alameda-84 0448R 0414000287	In Oakland, San Leandro, Hayward and Fremont, on Routes 84, 92, 112, 185 and 238 at various locations. Crosswalk safety enhancements.	1J600 2018-19	R/W: Const:	\$150 \$2,803	PA&ED: PS&E: R/W Sup: Con Sup:	\$453 \$657 \$23 \$453	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/26/201 1/15/201 4/5/201 12/2/201
			Subtotal: Total Proje	\$2,953 ect Cost:		\$1,586 \$4,539			
Carryover			Program C		201.015 C re 27 C	Collision Se	-	luction	
04-Alameda-185 1487P 0415000099	In Oakland, San Leandro, Hayward, Union City and Fremont on Routes 185, 238, and 262 at various locations. Crosswalk safety enhancements.	3J190 2018-19	R/W: Const:	\$10 \$3,521	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$740 \$66 \$830	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/15/201 4/1/201 5/1/201 12/13/201
			Subtotal: Total Proje	\$3,531 ect Cost:		\$2,186 \$5,717			
Carryover			Program (201.015 C re 231 C	Collision Se	•	luction	
04-Alameda-580 1487M 0415000090	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 ungreading excessively madeines.	3J130 2021-22	R/W: Const:	\$20 \$6,068	PA&ED: PS&E: R/W Sup: Con Sup:	\$940 \$940 \$130 \$1,030	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/202 7/1/202 7/15/202 1/19/202
	and upgrading crosswalk markings.		Subtotal: Total Proje	\$6,088 ect Cost:		\$3,040 \$9,128			
New			Program (201.015 C	Collision Se	•	luction	



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Dist-Co-Rte							COS		
Post Mile PPNO		EA				I	Allocation	n	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	tones
04-Alameda-580 1495E 0416000123	In Alameda County, on Routes 580 and 680 at various locations; also in Contra Costa County, on Routes 160 and 680 at various locations. Install concrete barrier to shield structure	0K650 2020-21	R/W: Const:	\$70 \$3,156	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$800 \$166 \$800	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/2/2020 3/1/202 6/1/202 12/8/202
	column from errant vehicles and upgrade existing guardrails to current standards.		Subtotal: Total Proje	\$3,226 ect Cost:		\$2,266 \$5,492			
New			Program C		201.015 C re 15 C	Collision Se	-	duction	
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: Const:	\$108 \$2,638	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$700 \$10 \$700	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 6/1/202 6/30/202 2/1/2022
			Subtotal: Total Proje	\$2,746 ect Cost:		\$2,110 \$4,856			
New			Program C			Collision So	everity Red reduced	luction	
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 l. 2021-22	R/W: Const:	\$183 \$1,997	PA&ED: PS&E: R/W Sup: Con Sup:	\$625 \$400 \$75 \$525	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 11/1/202 1/15/202 5/1/202
			Subtotal: Total Proje	\$2,180 ect Cost:		\$1,625 \$3,805			
New			Program C		201.235 N		e Access	ovements/ Free	way
04-Alameda-880 4.8/11.3 1483N 0415000008	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety improvements.	2J810 2018-19	R/W: Const:	\$10 \$4,918	PA&ED: PS&E: R/W Sup: Con Sup:	\$660 \$880 \$44 \$880	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/7/2018 5/23/2019 6/3/2019 12/20/2019
			Subtotal: Total Proje	\$4,928 ect Cost:		\$2,464 \$7,392		•	
Carryover			Program C		201.235 N		e Access	ovements/ Free	way



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Dist- Co-Rte Post Mile							COS Allocation				
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY	n Miles	tones		
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: Const:	\$5 \$2,170 \$2,175	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$350 \$100 \$450 \$1,400	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2019 1/1/2021 2/1/2021 8/1/2021		
			Total Proje	ect Cost:		\$3,575					
New			Program C		201.235 N		e Access	ovements/ Free	way		
						(-)					
14NDATES 04-Alameda-880 R0.9/24.8 1453D 0416000036	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	4J980 2020-21	R/W: Const:	\$25 \$5,801	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,060 \$800 \$26 \$1,000	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 5/1/2021 6/1/2021 2/1/2022		
	Eliminating System (NPDES) permit compliance units (CUs) for trash capture.		Subtotal: Total Proje	\$5,826 ect Cost:		\$2,886 \$8,712					
New			Program C		201.335 S re 60 A		er Mitigatio				
04-Alameda-185 0.4/10.1 0434J 0400021215	In Hayward, from A Street to Rose Street (PM 0.39 to 0.90); also in Oakland, from 55th Avenue to 50th Avenue (PM 9.75 to 10.09). Upgrade curb ramps, driveways, and sidewalks to make compliant with American with	2G740 2021-22	R/W: Const:	\$195 \$5,017	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$950 \$95 \$950	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 2/1/2022 6/1/2022 12/1/2022		
	Disabilities Act (ADA) Standards.				Subtotal: Total Proje	\$5,212 ect Cost:		\$2,695 \$7,907			
New			Program C			mericans urb ramp(vilities Act New	Curb Ramp		
04-Alameda-13 T9.8/10.8 0144A 0400021103	In Oakland and Berkeley, from Hiller Drive to Claremont Avenue at various locations. Upgrade American with Disabilities Act (ADA) facilities.	2G660 2018-19	R/W: Const:	\$200 \$2,673	PA&ED: PS&E: R/W Sup: Con Sup:	\$870 \$740 \$140 \$580	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/14/2018 5/20/2019 6/3/2019 12/2/2019		
			Subtotal: Total Proje	\$2,873 ect Cost:		\$2,330 \$5,203					
Carryover			Program C		201.378 I ₁		re	ilities Act Pede	strian		



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Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
04-Alameda-13 10.8/12.1 0124M 0400020859	In Berkeley, from Claremont Avenue to west of Shattuck Avenue. Upgrade curb ramps and repair sidewalks to meet American with Disabilities Act (ADA) Standards.	2G460 2019-20	R/W: Const:	\$120 \$1,389	PA&ED: PS&E: R/W Sup: Con Sup:	\$619 \$543 \$75 \$423	Prior 18-19 18-19 19-20	R/W Cert: RTL:	7/11/2018 10/25/2019 11/1/2019 4/24/2020
			Subtotal: Total Proj	\$1,509 ect Cost:		\$1,660 \$3,169			
Communication			Program (201.378 II		re	ilities Act Pede	strian
Carryover			r er tor mai	ice Measu	1e 4/ C	uro ramp(5)		
04-Alameda-13 12.1/13.4 0124L 0415000362	In Berkeley, from Shattuck Avenue to 7th Street. Upgrade curb ramps and sidewalks.	2G482 2018-19	R/W: Const:	\$125 \$3,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$455 \$1,000 \$200 \$793	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2016 7/2/2018 7/31/2018 3/29/2019
			Subtotal: Total Proj	\$3,625 ect Cost:		\$2,448 \$6,073		•	
Carryover			Program (201.378 II		re	ilities Act Pede	strian
04-Alameda-185 3.3/9.8 0091P 0400020582	In Oakland and San Leandro, from Plaza Drive to 55th Avenue; also in Contra Costa County, in El Cerrito on Route 123 (PM 0.18/0.29) and in Pleasant Hill on Route 680 (PM 16.85), at various locations. Reinstall and/or upgrade	1G910 2019-20	R/W: Const:	\$50 \$2,252	PA&ED: PS&E: R/W Sup: Con Sup:	\$446 \$655 \$102 \$450	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 7/1/2019 8/1/2019 2/28/2020
	existing curb ramps and sidewalks to American with Disabilities Act (ADA) Standards.		Subtotal: Total Proj	\$2,302 ect Cost:		\$1,653 \$3,955			
			Program (201.378 II	nfrastructu	re	ilities Act Pede	strian
Carryover			Performan	ice Measu	re 66 C	Curb ramp(s)		
DRIDGE PRESER 04-Alameda-84 13.0/13.6 0084B 0400000429	RVATION In Fremont, at Alameda Creek Bridge No. 33 -36. Replace bridge.	16030 2018-19	R/W: Const:	\$275 \$24,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$6,500 \$6,000 \$299 \$5,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/25/2017 3/1/2019 4/1/2019 12/8/2019
			Subtotal: Total Proj			\$17,799 \$42,074			
Carryover			Program (201.110 B re 1 B	Bridge Maj	or Rehabili	itation	



Dist-Co-Rte									
Post Mile PPNO		EA			~		COS Allocation		
EFIS	Location/Description	Prog Year	Capi	ital	Suppo	ort	FY	Miles	tones
04-Alameda-580 R8.0 0480J 0414000009	Near Livermore, near Greenville Road at Greenville Overhead Bridge No. 33-0121R. Rehabilitate westbound structure.	0J520 2019-20	R/W: Const:	\$140 \$5,979	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$900 \$120 \$1,000	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2018 9/2/2019 10/1/2019 2/3/2020
			Subtotal: Total Proje	\$6,119 ect Cost:		\$2,620 \$8,739			
Carryover			Program C		201.110 E	ridge Maj	or Rehabili	itation	
04-Alameda-580 R35.0 1494K 0416000091	In Oakland, at Foothill Boulevard Undercrossing No. 33-0334K. Bridge deck rehabilitation.	0K470 2019-20	R/W: Const:	\$360	PA&ED: PS&E: R/W Sup: Con Sup:	\$398 \$21 \$212	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/27/2017 12/31/2019 1/31/2020 8/31/2020
			Subtotal: Total Proje	\$360 ect Cost:		\$631 \$991			
C			Program C	ode	201.110 E	ridge Maj	or Rehabili	itation	
Carryover			Performan	ce Measu	re 1 B	ridge(s)			
04-Alameda-880 11.3/12.3 0480A 0414000010	In Fremont, from 0.5 mile south to 0.5 mile north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation.	0J530 2019-20	R/W:	\$427 \$11,784	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,200 \$1,980 \$704	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/13/2020
04-Alameda-880 11.3/12.3 0480A	north of Patterson Slough Bridge No. 33-0250		R/W: Const:	\$427 \$11,784 \$12,211	PA&ED: PS&E: R/W Sup:	\$2,200 \$1,980 \$704	19-20 19-20	R/W Cert: RTL:	
04-Alameda-880 11.3/12.3 0480A	north of Patterson Slough Bridge No. 33-0250		R/W: Const:	\$427 \$11,784 \$12,211 eet Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,200 \$1,980 \$704 \$2,420 \$7,304 \$19,515	19-20 19-20	R/W Cert: RTL: Begin Con:	5/13/2020 6/1/2020
04-Alameda-880 11.3/12.3 0480A 0414000010	north of Patterson Slough Bridge No. 33-0250		R/W: Const: Subtotal: Total Proje Program C Performance R/W:	\$427 \$11,784 \$12,211 eet Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,200 \$1,980 \$704 \$2,420 \$7,304 \$19,515 Gridge Majoridge(s) \$1,863 \$3,600 \$250	19-20 19-20 19-20	R/W Cert: RTL: Begin Con:	5/13/2020 6/1/2020
04-Alameda-880 11.3/12.3 0480A 0414000010 <i>Carryover</i> 04-Alameda-84 17.0/17.4 0481M	north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation. Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and	2019-20 0J550	R/W: Const: Subtotal: Total Proje Program C Performane R/W: Const:	\$427 \$11,784 \$12,211 ect Cost: lode ce Measu \$500 \$13,000	PA&ED: PS&E: R/W Sup: Con Sup: 201.110 E re 1 E PA&ED: PS&E: R/W Sup:	\$2,200 \$1,980 \$704 \$2,420 \$7,304 \$19,515 Gridge Majoridge(s) \$1,863 \$3,600 \$250	19-20 19-20 19-20 or Rehabili Prior 19-20 19-20	R/W Cert: RTL: Begin Con: itation PA&ED: R/W Cert: RTL:	5/13/2020 6/1/2020 2/10/2021 3/1/2020 3/1/2022 4/1/2022
04-Alameda-880 11.3/12.3 0480A 0414000010 <i>Carryover</i> 04-Alameda-84 17.0/17.4 0481M	north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation. Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and	2019-20 0J550	R/W: Const: Subtotal: Total Proje Program C Performance R/W: Const: Subtotal:	\$427 \$11,784 \$12,211 ect Cost: ce Measu \$500 \$13,000 \$13,500 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup: 201.110 E re 1 E PA&ED: PS&E: R/W Sup: Con Sup:	\$2,200 \$1,980 \$704 \$2,420 \$7,304 \$19,515 Gridge Majuridge(s) \$1,863 \$3,600 \$250 \$3,600 \$9,313 \$22,813	19-20 19-20 19-20 or Rehabili Prior 19-20 19-20 21-22	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL: Begin Con:	5/13/2020 6/1/2020 2/10/2021 3/1/2020 3/1/2022 4/1/2022



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	n Milestones
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	2K170	R/W: \$25 Const: \$10,300	PA&ED: 5 PS&E: \$1 R/W Sup: 5	\$800 18-19 ,500 19-20 \$250 19-20 2,200 21-22	PA&ED: 3/16/202 R/W Cert: 12/17/202 RTL: 1/21/202 Begin Con: 9/26/202
	Southboud 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.		Subtotal: \$10,325 Total Project Cost:		5,750 5 ,075	
New			Program Code Performance Measo	_	ge Rail Replacem ar feet	ent and Upgrade
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 Const: \$2,307	PS&E: S R/W Sup: S	,000 Prior \$850 20-21 \$160 20-21 ,170 21-22	PA&ED: 6/15/202 R/W Cert: 12/15/202 RTL: 1/15/202 Begin Con: 8/15/202
			Subtotal: \$2,407 Total Project Cost:		3,180 5,587	
Carryover			Program Code Performance Measo	_	ge Preventative M	Iaintenance
04-Alameda-80 1460R 0417000363	In Oakland, at the Routes 80/580/680 MacArthur Maze Bridge No. 33-0061R, 33-0061L, 33-0061L and 33-0611. Establish standard vertical clearance.	4K810 2019-20	* R/W: \$500 * Const: \$105,489	* PS&E: \$7 * R/W Sup: \$	5,600 Prior 7,800 19-20 \$260 19-20 7,800 19-20	PA&ED: 11/18/201 R/W Cert: 5/2/202 RTL: 6/1/202 Begin Con: 2/1/202
	ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$105,989 Total Project Cost: * Const, * R/W, * PS	\$128	1	(s) are NOT authorized
Carryover			Program Code Performance Measo		=	nents for Bridges
04-Alameda-80 5.8 1452H 0417000030	In Berkeley, at University Avenue Overcrossing No. 33-0023. Establish standard vertical clearance.	2K830 2019-20	* R/W: \$35 * Const: \$27,678	* PS&E: \$3 * R/W Sup: \$	3,380 Prior 3,000 19-20 \$300 19-20 5,400 19-20	PA&ED: 5/3/201 R/W Cert: 5/1/202 RTL: 6/1/202 Begin Con: 12/1/202
	ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$27,713 Total Project Cost: * Const, * R/W, * PS	\$39	2,080 9,793 * Con Sup phase	(s) are NOT authorized
			Program Code	201 322 Trans	s Permit Requirer	ments for Bridges





Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION					
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 Const: \$4,874	PA&ED: \$1,220 PS&E: \$1,200 R/W Sup: \$22 Con Sup: \$1,500	19-20 19-20	PA&ED: 2/1/2020 R/W Cert: 3/1/2021 RTL: 5/1/2021 Begin Con: 11/1/2021
			Subtotal: \$4,879 Total Project Cost:	\$3,942 \$8,821		
Carryover			Program Code Performance Measu	201.121 Pavement are 5.6 Lane mile		n (CAPM)
04-Alameda-84 6.9/10.8 1454C 0417000009	In Fremont, from Route 880 (PM 6.922) to Route 238. Rehabilitate pavement and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant.	2K690 2021-22	R/W: \$173 Const: \$12,874	. ,	19-20 19-20	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 9/1/2022
			Subtotal: \$13,047 Total Project Cost:	\$7,280 \$20,327		
New			Program Code Performance Measu	201.121 Pavement 12.0 Lane mile		n (CAPM)
04-Alameda-185 0.4/5.7 1494C 0416000094	In and near Hayward and San Leandro, from A Street to Davis Street. Rehabilitate pavement and upgrade curb ramps to Americans with Disabilities Act (ADA) Standards.	0K490 2021-22	R/W: \$40 Const: \$14,928	, .	20-21	PA&ED: 12/1/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 2/23/2022
			Subtotal: \$14,968 Total Project Cost:	\$6,290 \$21,258		
New			Program Code Performance Measu	201.121 Pavement are 24.1 Lane mile		n (CAPM)
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	2K700 2021-22	R/W: \$50 Const: \$57,166	*	19-20 19-20	PA&ED: 3/2/2020 R/W Cert: 9/1/2021 RTL: 11/1/2021 Begin Con: 6/4/2022
	with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, and replace loop detectors.		Subtotal: \$57,216 Total Project Cost:	\$14,020 \$71,236		
New			Program Code Performance Measu	201.121 Pavement ure 90.2 Lane mile		n (CAPM)
					• •	



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Сар	oital	Supp		FY		stones
04-Alameda-580 0.0/7.8 8315X 0416000157	Near Livermore, from San Joaquin county line to east of Greenville overcrossing; also on Route 205 (PM 0.0/1.0) from San Joaquin county line to Midway Road undercrossing. Environmental mitigation for EA 3G590.	3G59C 2018-19	R/W: Const:	\$2,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$150	Prior	PA&ED: R/W Cert: RTL: Begin Con:	9/15/2014 7/18/2018 9/30/2018 2/28/2019
			Subtotal: Total Proj	\$2,100 ect Cost:		\$150 \$2,250			
Carryover			Program (Roadway R	ehabilitations)	on (2R)	
04-Alameda-680 R12.4/R21.9 0481P 0414000019	In and near Pleasanton and Dublin, from north of Route 84 to Alcosta Boulevard. Roadway rehabilitation. (G13 Contingency)	0J620 2019-20	R/W: * Const:	ŕ	PA&ED: PS&E: R/W Sup: * Con Sup:	\$7,150 \$1,500	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 6/1/2020 6/1/2020 3/30/2021
	(Subtotal: Total Proje * Construct	ect Cost:		\$32,200 \$142,128 instruction	Support ph	ase are NOT a	uthorized
Carryover			Program (Roadway R	Cehabilitations)	on (2R)	
MOBILITY									
04-Alameda-Var 1464M 0417000431	In various counties, on various routes at various locations. Restore non-operational Transportation Management System (TMS) field elements by use of on-call Task Order service contracts.	0P380 2019-20	R/W: Const:	\$10 \$15,990	PA&ED: PS&E: R/W Sup: Con Sup:	\$10	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/15/2019 8/15/2019 12/30/2019 8/1/2020
	Service contracts.		Subtotal: Total Proj	\$16,000 ect Cost:		\$4,800 \$20,800			
Carryover			Program (Fransportat	·	ement Systems	3
04-Alameda-80 1.9/4.0 1483H 0415000006	In Emeryville and Oakland, from San Francisco-Oakland Bay Bridge Toll Plaza to north of Powell Street; also in Oakland, on Routes 580 and 880, at various locations. Upgrade/replace Transportation Management	2J830 2019-20	R/W: Const:	\$12 \$5,135	PA&ED: PS&E: R/W Sup: Con Sup:	\$760 \$760 \$260 \$1,044	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 4/1/2020 5/1/2020 12/24/2020
	System (TMS) elements.		Subtotal: Total Proj	\$5,147 ect Cost:		\$2,824 \$7,971			
C			Program (•		ement Systems	3
Carryover			Performan	ice ivieasu	1C 29 F	Field eleme	лц(5)		



		(3	1,000)					1.6	arrans
Dist-Co-Rte							cos		
Post Mile PPNO		EA				A	Allocation	n	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY		stones
04-Alameda-580 R30.8/46.5 1487A 0415000075	In and near Oakland and San Leandro, from Route 238 to Route 80. Install and upgrade Transportation Management System (TMS) elements.	3J050 2019-20	R/W: Const:	\$10 \$17,970 \$17,980	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,700 \$50	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Total Proje	ect Cost:		\$27,030			
Carryover			Program C			ransportat	_	gement Systems	S
04-Alameda-680	In and near Fremont, Pleasanton, and Dublin,	4G113	R/W:	\$800	PA&ED:			l proed	11/16/201
M0.0/R21.9 1463D 0414000305	from 0.3 mile south of Scott Creek Road to 0.3 mile north of Alcosta Boulevard. Install ramp meters, ramp High Occupancy Vehicle (HOV)	2018-19	Const:	\$28,300	PS&E: R/W Sup: Con Sup:	\$5,600 \$100 \$5,600	Prior Prior 18-19	R/W Cert: RTL: Begin Con:	6/15/201
	bypass lanes, and Traffic Operations Systems (TOS).		Subtotal: Total Proje	\$29,100 ect Cost:		\$11,300 \$40,400			
04-Alameda-980 1.2 1464L 0417000430	In Oakland, at the District 4 Transportation Management Center (TMC). Upgrade or replace legacy TMC hardware components and related software by service contract to improve reliability and functionality.	0P370 2019-20	R/W: Const:	\$10 \$2,570	PA&ED: PS&E: R/W Sup: Con Sup:	\$110 \$392 \$10 \$262	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/201 9/1/201 12/1/201 11/1/202
			Subtotal: Total Proje	\$2,580 ect Cost:		\$774 \$3,354			
Carryover			Program C Performan			ransportat		gement Systems	5
04-Alameda-880 14.7 1482G	In Hayward, at 500 feet north of Industrial Parkway West. Install weigh-in-motion system in both directions.	2J320 2018-19	R/W: Const:	\$5 \$4,485	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,121 \$63 \$1,121	Prior Prior 18-19	R/W Cert:	4/26/201
0414000488									
0414000488			Subtotal: Total Proje	\$4,490 ect Cost:		\$2,305 \$6,795			





Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	ı Milest	ones
ROADSIDE PRES	SERVATION								
04-Alameda-13 6.0/7.8 1453H 0417000023	In Oakland, from north of Redwood Road to north of La Salle Avenue; also on Route 238 in San Leandro, from Hesperian Boulevard to Route 880 (PM 16.3/16.7); and in Solano County on Route 80 in Vallejo, at Redwood	2K790 2020-21	R/W: Const:	\$5 \$2,530	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$420 \$50 \$510	18-19 19-20 19-20 20-21	R/W Cert:	1/15/2021
	Parkway (PM 4.0 to PM 4.5). Highway planting and irrigation system rehabilitation.		Subtotal: Total Proje	\$2,535 ect Cost:		\$1,580 \$4,115			
New			Program C			lighway P	lanting Res	toration	
FACILITIES									
04-Alameda-	In Oakland, at the Caltrans District 4 headquarters office building, 111 Grand Avenue. Rehabilitate the existing thirteen building elevators with new systems to extend	4K980 2019-20	R/W: Const:	\$0 \$4,728	PA&ED: PS&E: R/W Sup:	\$260 \$325 \$0	18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2019 2/28/2020 2/27/2020
0417000383	service life, increase efficiency, and correct performance failures.		Subtotal: Total Proje	\$4,728 ect Cost:	Con Sup:	\$710 \$1,295 \$6,023	19-20	begin Con.	6/3/2020
New			Program C Performan		201.353 C	Office Faci			
MULTIPLE OBJI	FCTIVE								
04-Alameda-980 1.2 1499J 0416000284	In Oakland, at the District 4 Transportation Management Center (TMC). Upgrade or replace legacy TMC software applications and interface components, and related system devices by service contract.	1K670 2019-20	R/W: Const:	\$3,687	PA&ED: PS&E: R/W Sup: Con Sup:	\$111 \$553 \$12 \$431	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 9/1/2019 12/1/2019 11/1/2020
	devices by so, rice continue.		Subtotal: Total Proje	\$3,687 ect Cost:		\$1,107 \$4,794			
Carryover			Program C			MULTIPLI ocation(s)	E OBJECTI	IVE	
	A	Alameda	County						
			R/W: Const: 5	\$13,706 \$614,071	PA&ED: PS&E:	\$73,744 \$82,095			

R/W Sup: \$9,434 Con Sup: \$98,317

\$263,590

\$891,367

Subtotal: \$627,777

Total (Capital + Support):

2018 SHOPP Project List Alpine



		(2	1,000)					- 4	altrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
RIDGE PRESEI	RVATION								
10-Alpine-88 3134 1013000009	Near Markleeville, on Routes 4, 88, and 89 at various locations. Bridge rail upgrade on four bridges.	0X750 2019-20	R/W: Const:	\$313 \$5,451	PA&ED: PS&E: R/W Sup: Con Sup:	\$496 \$1,460 \$110 \$1,484	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 2/10/2020 4/17/2020 9/8/2020
			Subtotal:	\$5,764		\$3,550			
			Total Proj	ect Cost:		\$9,314			
			Program (Code	201.112 E	Bridge Rai	l Replacem	ent and Upgrad	le
Carryover			Performan	ce Measu	ire 550.0 L	inear feet			
OADWAY PRE	<u>SERVATION</u>								
10-Alpine-4	In Alpine County on Routes 4, 88, and 89 at	0S680	R/W:	\$71	PA&ED:	\$870	Prior	PA&ED:	7/2/2018
3142	various locations. Rehabilitate culverts.	2019-20	Const:	\$3,319	PS&E: R/W Sup:	\$1,176 \$359	18-19 18-19	R/W Cert: RTL:	10/13/2019
1014000100					Con Sup:	\$851	19-20	Begin Con:	9/1/2020
			Subtotal:	\$3,390		\$3,256			
			Total Proj	ect Cost:		\$6,646			
			Program (`ode	201 151 Г)rainage S	ystem Rest	oration	
Carryover			Performan			Culvert(s)	-	oracion	
10-Alpine-88	In Alpine County on Routes 4, 88 and 207; also	0S750	R/W:	\$269	PA&ED:	\$698	Prior	PA&ED:	7/2/2018
	in Amador County on Routes 16 and 49; also in	2019-20	Const:	\$4,290	PS&E:	\$1,043	18-19	R/W Cert:	12/1/2019
3138 1014000099	Tuolumne County on Route 108; at various locations. Rehabilitate culverts.				R/W Sup: Con Sup:	\$317 \$762	18-19 19-20	RTL: Begin Con:	1/15/2020 9/1/2020
			Subtotal:	\$4,559		\$2,820			
			Total Proj	ect Cost:		\$7,379			
			Program (Code	201.151 Г	Orainage S	ystem Rest	oration	
Carryover			Performan			Culvert(s)	•		

Alpine Coun	ty		
R/W:	\$653	PA&ED:	\$2,064
Const:	\$13,060	PS&E:	\$3,679
		R/W Sup:	\$786
		Con Sup:	\$3,097
Subtotal:	\$13,713		\$9,626
Total (C	apital + Sup	port):	\$23,339

2018 SHOPP Project List Amador

(\$1,000)



		(3	1,000)						arrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	nital	Suppo		COS Allocation FY	n Miles	tones
	•	Trog rear	Car	71001	эцррс	,11		Willes	tones
10-Amador-88 7.9/R65.8 3199 1016000136	Near Jackson, from 0.5 mile east of Route 104 to 5.5 miles west of Kirkwood Meadows Road at various locations. Upgrade guardrail to make standard.	1C360 2020-21	R/W: Const:	\$10 \$2,613	PA&ED: PS&E: R/W Sup: Con Sup:	\$536 \$851 \$0 \$711	18-19 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2020 4/1/2021 4/15/2021 11/1/2021
			Subtotal: Total Proj	\$2,623 ect Cost:		\$2,098 \$4,721			
New			Program (201.015 C re 69 C	ollision So	-	duction	
RIDGE PRESE	RVATION								
10-Amador-49 0.0 3219 1017000004	Near Jackson, at Mokelumne River Bridge No. 26-0012. Upgrade bridge rails and widen shoulders.	0X752 2021-22	R/W: Const:	\$185 \$3,914	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,590 \$2,010 \$135 \$2,055	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2020 4/28/2022 5/2/2022 12/27/2022
			Subtotal: Total Proj	\$4,099 ect Cost:		\$5,790 \$9,889			
			Program (-	Replacem	ent and Upgrad	e
New			Performar	ice Measu	re 810.0 L	inear feet			
ROADWAY PRE	<u>SERVATION</u>								
10-Amador-88 3119 1015000004	In Amador County, on Route 88 and in Tuolumne County of Routes 120,108 and 49, at various locations. Rehabilitate culverts.	1C690 2018-19	R/W: Const:	\$26 \$2,328	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$448 \$65 \$616	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 12/1/2018 1/2/2019 8/15/2019
			Subtotal: Total Proj	\$2,354 ect Cost:		\$1,379 \$3,733			
Carryover			Program (Performan		201.151 D re 35 C	rainage Syulvert(s) (toration	
		Amador	County	7					
			R/W: Const:	\$221 \$8,855	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,376 \$3,309 \$200 \$3,382			
			Subtotal:	\$9,076		\$9,267			

Total (Capital + Support):

\$18,343



		(4	1,000)						wows
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation FY	Miles	tones
MAJOR DAMAG	E RESTORATION								
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 5 feet and protecting the embankment against future flooding with Rock Slope Protection (RSP) or a	3H540 2020-21	R/W: Const:	\$2,120 \$43,846	PA&ED: PS&E: R/W Sup: Con Sup:		Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	
	retaining structure.		Subtotal: Total Proj	\$45,966 ect Cost:		\$12,900 \$58,866			
Communication			Program (ermanent	Restoration		
Carryover			1 Ci ioi illan	ice Measu	11	ocation(s))		
03-Butte-32 7.6/7.9 2114 0317000084	In Chico, from West Sacramento Avenue (East) to West Sacramento Avenue (West). Construct two roundabouts.	,	R/W: Const:	\$1,789 \$2,332	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$663 \$756 \$565	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2018 2/1/2020 3/1/2020 7/30/2020
			Subtotal: Total Proj	\$4,121 ect Cost:		\$2,634 \$6,755			
Carryover			Program (afety Imp	rovements) 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.	2021-22	R/W: Const:	\$3,218 \$28,750	PA&ED: PS&E: R/W Sup: Con Sup:		Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 10/1/2021 10/15/2021 6/17/2022
	standard shoulders.		Subtotal: Total Proj	\$31,968 ect Cost:		\$12,100 \$44,068			
Carryover			Program (afety Imp	rovements) reduced		
03-Butte-70 5.6/8.8 2295 0318000054	Near Oroville, from 0.3 mile north of Cox Lane to south of Palermo Road. Widen for two-way left-turn lane and standard shoulders, and provide a roadside clear recovery zone.	3H720 2019-20	R/W: Const:	\$3,220 \$25,350	PA&ED: PS&E: R/W Sup: Con Sup:	\$980 \$2,180 \$1,590 \$3,540	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/18/2018 5/15/2019 6/1/2019 12/1/2019
			Subtotal: Total Proj	\$28,570 ect Cost:		\$8,290 \$36,860			
Carryover			Program (Performan			afety Imp	rovements) reduced		





		(ψ	1,000)					1.4	artrans"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	vital	Sunn		COS Allocation FY		tones
03-Butte-70 8.8/11.8 2294 0318000053	Near Oroville, from south of Palermo Road to north of Ophir Road. Widen for two-way left-turn lane and standard shoulders, and provide a roadside clear recovery zone.	3H710 2019-20	R/W: Const:	\$480 \$23,130	PA&ED: PS&E: R/W Sup: Con Sup:	\$850 \$2,240 \$2,320 \$3,700	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/18/2018 12/1/2018 1/2/2019 7/1/2019
			Subtotal: Total Proj	\$23,610 ect Cost:		\$9,110 \$32,720			
Carryover			Program (201.010 S re 58 C	Safety Imp			
03-Butte-162 18.4/19.9 2635 0317000166	In and near Oroville, from Foothill Boulevard to the Gold Country Casino entrance. Construct two-way left-turn lane and widen shoulders.	o 2H630 2019-20	R/W: Const:	\$1,645 \$14,075	PA&ED: PS&E: R/W Sup: Con Sup:	\$927 \$1,769 \$2,023 \$1,913	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2018 3/5/2020 3/20/2020 9/15/2020
			Subtotal: Total Proj	\$15,720 ect Cost:		\$6,632 \$22,352			
Carryover			Program (201.010 S re 50 C	Safety Imp			
03-Butte-32 R8.8/9.5 2112 0314000288	In Chico, from Walnut Street to Poplar Street. Upgrade Americans with Disabilities Act (ADA) facilities.	4F800 2018-19	R/W: Const:	\$2,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$405 \$650 \$375 \$935	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/2/2017 8/1/2018 8/25/2018 4/1/2019
			Subtotal: Total Proj	\$2,900 ect Cost:		\$2,365 \$5,265			
Carryover			Program (Americans Curb ramp(ilities Act New	Curb Ramp
03-Butte-99 14.9/15.7 2425 0314000101	RVATION Near Richvale, at Cottonwood Creek Bridge No. 12-0120, from 0.3 mile south to 0.5 mile north of Nelson Avenue. Replace and realign scourcritical bridge.	o. 0F290 2019-20	R/W: Const:	\$590 \$6,814	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,390 \$270 \$2,200	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2018 10/1/2019 10/15/2019 5/15/2020
			Subtotal: Total Proj	\$7,404 ect Cost:		\$4,560 \$11,964			
Carryover			Program (Bridge Sco Bridge(s)	ur Mitigatio	on	



		(\$	1,000)					- 4	altrans
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
03-Butte-99 13.3/45.9 2433 0315000145	In and near Chico, from north of Route 162 to north of Broyles Road. Bridge rail upgrade at six locations.	0H330 2019-20	R/W: Const:	\$363 \$5,235	PA&ED: PS&E: R/W Sup: Con Sup:	\$610 \$1,230 \$160 \$1,425	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/201 8/15/201 8/15/201 4/1/202
			Subtotal: Total Proj	\$5,598 ect Cost:		\$3,425 \$9,023			
Carryover			Program (201.112 E re 999.0 L	•	Replacem	ent and Upgrad	le
DADWAY PRE	SERVATION								
02-Butte-70 22.0/48.0 3588 0215000051	Near Pulga, from 3.0 miles west of Coal Canyo Road to Plumas County line at various locations. Drainage system restoration.	on 0H560 2019-20	R/W: Const:	\$290 \$2,525	PA&ED: PS&E: R/W Sup: Con Sup:	\$780 \$760 \$1,060 \$850	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/201 9/4/201 10/11/201 2/13/202
			Subtotal: Total Proj	\$2,815 ect Cost:		\$3,450 \$6,265			
Carryover			Program (201.151 E	orainage Sy Sulvert(s) (oration	
OBILITY OF THE PROPERTY OF THE									
03-Butte-99 28.3/T37.8 2437 0317000010	In and near Chico, from Estates Drive to Garne Lane. Install Intelligent Transportation System (ITS) elements.		R/W: Const:	\$35 \$8,470	PA&ED: PS&E: R/W Sup: Con Sup:	\$561 \$1,177 \$41 \$1,352	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/2/202 7/2/202 8/1/202 1/2/202
			Subtotal: Total Proj	\$8,505 ect Cost:		\$3,131 \$11,636			
Carryover			Program (ransportat file(s) of c		ement Systems	
DADSIDE PRE	SERVATION								
03-Butte-70 2438 0317000067	In Butte County, on Route 70 at approximately 7.0 miles south of Oroville; also in Colusa County on Route 20 at approximately 4.0 miles east of Colusa. Advance mitigation credit purchases for future SHOPP construction	2019-20	R/W: Const:	\$1,764	PA&ED: PS&E: R/W Sup: Con Sup:	\$53 \$16 \$61	Prior 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/201 10/1/202 10/15/202
	projects expected to impact sensitive habitats.		Subtotal: Total Proj	\$1,764 ect Cost:		\$130 \$1,894			
			Program (nhancemei	nt	
Carryover			Performan			ocation(s)			

Calkery

Dist- Co-Rte Post Mile					cos	
PPNO		EA			Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones

Butte County
R/W: \$15,514 PA&ED: \$11,616
Const: \$163,427 PS&E: \$19,275
R/W Sup: \$11,556
Con Sup: \$26,280
Subtotal: \$178,941 \$68,727
Total (Capital + Support): \$247,668

2018 SHOPP Project List Calaveras



		(2)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA	2		a		COS Allocation		
EFIS	Location/Description	Prog Year	Сар	oital	Suppo	ort	FY	Miles	tones
MAJOR DAMAG 10-Calaveras-26 21.4/38.3 3132 1013000264	E RESTORATION 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 2021-22	R/W: Const:	\$1,817 \$10,548	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,323 \$1,978 \$31 \$3,242	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2020 6/1/2022 6/1/2022 1/2/2023
			Subtotal: Total Proj	\$12,365 ect Cost:		\$6,574 \$18,939			
New			Program (Permanent Location(s)	Restoration	1	
10-Calaveras-4 3220 1017000042	In Calaveras and Amador Counties, on Routes 4 and 26 at various locations. Install centerline and edge-line rumble strips.	1F740 2018-19	R/W: Const:	\$5 \$2,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$60 \$840 \$5 \$640	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/28/2017 7/16/2018 8/31/2018 3/5/2019
			Subtotal: Total Proj	\$2,305 ect Cost:		\$1,545 \$3,850			
Carryover			Program (201.010 S re 24 C	afety Impi			
BRIDGE PRESEI	RVATION								
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: Const:	\$278 \$2,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$103	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/6/2019 2/4/2021 8/11/2021 2/28/2022
			Subtotal: Total Proj	\$2,278 ect Cost:		\$3,341 \$5,619			
Carryover			Program (201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabili	itation	
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	0X751 2021-22	R/W: Const:	\$8 \$4,536	PA&ED: PS&E: R/W Sup: Con Sup:	\$757 \$1,604 \$60 \$1,540	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/3/2020 5/3/2021 8/2/2021 1/3/2022
	Camp, at Angels Creek Bridge No. 30-0008 (PM R21.4). Upgrade bridge railing at three structures, also seismic retrofit at one location.		Subtotal: Total Proj	\$4,544 ect Cost:		\$3,961 \$8,505			
N			Program (201.112 E re 808.0 L	-	Replacem	ent and Upgrac	le
New			reriormai	ice ivieasu	16 808.0 L	mear feet			

2018 SHOPP Project List Calaveras



		(Φ.	1,000)					- 4	arrans"
Dist- Co-Rte Post Mile PPNO					COS Allocation				
EFIS	Location/Description	EA Prog Year	Capita	al	Supp	ort	FY	Miles	tones
MORILITY									
MOBILITY 10-Calaveras-4 29.2/29.4 3245 1017000006	Near Murphys, from Pennsylvania Gulch Road to Main Street/Lawrence Street. Traffic operational improvements.	0W870 2020-21	R/W: Const:	\$10 \$2,161	PA&ED: PS&E: R/W Sup: Con Sup:	\$524 \$1,306 \$30 \$772	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/25/2019 9/21/2020 1/20/2021 7/19/2021
			Subtotal:	\$2,171		\$2,632			
			Total Project	. /		\$4,803			
New			Program Coo			•	Improvem	ents of delay (DVHI	D)
MULTIPLE OBJ	ECTIVE								
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 roadwayroadway, implement safety features by improving shoulder width, and rehabilitate culverts.	0E531 2020-21	R/W: Const:		PA&ED: PS&E: R/W Sup: Con Sup:	\$10,325	20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/10/2017 7/1/2020 7/31/2020 9/1/2020
			Subtotal:			\$10,325			
			Total Project Cost:			\$10,325			
			D G		201.000.1	## TVDV T	Е ОВЈЕСТІ	IVE	
New			Program Coo Performance			AULTIPLE Centerline r			
New	C	alaveras	Performance						
New	C	alaveras	Performance						
New	C	alaveras	Performance			Sa,269			
New	C	alaveras	Performance County R/W:	Measu	PA&ED: PS&E:	\$3,269 \$7,120			
New	C	alaveras	Performance County R/W:	Measur \$2,118	PA&ED: PS&E: R/W Sup:	\$3,269 \$7,120 \$229			
New	C	alaveras	Performance County R/W:	Measur \$2,118	PA&ED: PS&E:	\$3,269 \$7,120 \$229			
New	C	alaveras	Performance County R/W: Const: \$.	Measur \$2,118	PA&ED: PS&E: R/W Sup:	\$3,269 \$7,120 \$229			

2018 SHOPP Project List Colusa



		(-) · · ·)					-	2000
Dist-Co-Rte Post Mile PPNO		EA				F	COS Allocation	n	
EFIS	Location/Description	Prog Year	· Ca _l	pital	Supp	ort	FY	Miles	tones
COLLISION REI	DUCTION								
03-Colusa-20	Near Colusa, from Niagara Avenue to 0.3 mile	0H650	R/W:	\$4,700	PA&ED:	\$860	18-19	PA&ED:	7/2/2020
34.8/36.5	west of Steidlmayer Road. Widen shoulders to	2021-22	Const:	\$5,900	PS&E:	\$1,120	20-21	R/W Cert:	4/1/2022
2951 0316000003	8 feet to provide adequate recoverable space for errant vehicles.				R/W Sup:	\$580	20-21 21-22	RTL: Begin Con:	4/1/2022 9/1/2022
0316000003					Con Sup:	\$1,460	21-22	Degin Con.	9/1/2022
			Subtotal:	\$10,600		\$4,020			
			Total Pro	ject Cost:		\$14,620			
			Program	Code	201.015	Collision Se	everity Red	luction	
New			Performance Measure 79 Collision(s)				reduced		
03-Colusa-5	Near Maxwell, at the Maxwell Safety Roadside	4F430	R/W:	\$16	PA&ED:	\$420	Prior	PA&ED:	2/1/2018
R24.3	Rest Area. Upgrade water and wastewater	2018-19	Const:	\$3,880	PS&E:	\$460	Prior	R/W Cert:	12/1/2018
2793	systems to current standards.				R/W Sup:	\$30	Prior	RTL:	1/2/2019
0314000162					Con Sup:	\$810	18-19	Begin Con:	6/1/2019
			Subtotal:	\$3,896		\$1,720			
			Total Pro	ject Cost:		\$5,616			
			Program	Code		Koadside Sa Aaintenanc		ovements/ Free	way
Carryover			Performa						
						Location(s)			
		Colusa	County	7					
			R/W:	\$4,716	PA&ED:	\$1,280			
			Const:	\$9,780	PS&E:	\$1,580			
			C01101.	Ψ>,,σο	R/W Sup:	\$610			
					Con Sup:				
			Subtotal:	\$14,496		\$5,740			
			Total (Cap	,	nort):	\$20,236			
			Total (Cap	Sup	P31 t).	V20,230			

2018 SHOPP Project List Contra Costa



D1 : G D:		(+	, ,							
Dist- Co-Rte Post Mile							COS			
PPNO		EA					Allocation			
EFIS	Location/Description	Prog Year	· Capital		Support		FY	Miles	Milestones	
COLLISION RED	LICTION									
		1,1000	D /III	0212	DAGED	0726	ъ.	l	5/1/2010	
04-Contra Costa-24	In Orinda and Lafayette, from east of the Caldecott Tunnel to east of Camino Pablo and at	1J990	R/W:	\$313	PA&ED:	\$736 \$725	Prior 18-19	PA&ED:	5/1/2018	
1.0/R2.5 1418C	Acalanes Road (PM R4.2/R4.99); also in	2018-19	Const:	\$5,050	PS&E:	\$725 \$64	18-19 18-19	R/W Cert: RTL:	5/20/2019	
0414000411	Oakland on Route 13, at Redwood Road (PM				R/W Sup: Con Sup:	\$760	18-19	Begin Con:	6/17/2019 3/10/2020	
0414000411	5.2/5.5). Install safety lighting and upgrade				Con Sup.	\$700	10-17	Begin con.	3/10/2020	
	median barrier.		Subtotal:	\$5,363		\$2,285				
			Total Proj	ect Cost:		\$7,648				
			Program (Code	201.010 S	afety Imp	rovements			
Carryover			Performance Measure 65 Collision(s) reduced							
04-Contra Costa-80	In various cities, from Alameda County line to	0K160	R/W:	\$254	PA&ED:	\$6,869	Prior	PA&ED:	10/1/2020	
0.0/13.5	0.6 mile west of Solano County line; also in	2021-22	Const:	\$52,621	PS&E:	\$6,869	20-21	R/W Cert:	1/1/2022	
1497F	Alameda County in Albany, from 0.4 mile west			, , , ,	R/W Sup:	\$1,374	20-21	RTL:	4/1/2022	
0416000044	to the Contra Costa County line (PM R7.6/8.0). Install lighting and upgrade concrete barrier.				Con Sup:	\$7,327	21-22	Begin Con:	10/1/2022	
			~	0.52.075		#22 420				
			Subtotal:	\$52,875		\$22,439				
			Total Proj	ect Cost:		\$75,314				
Carryover			Program (, ,	rovements) reduced			
04-Contra Costa-4	In Contra Costa County, on Routes 4, 24, 80,	3J140	R/W:	\$20	PA&ED:	\$1,108	18-19	PA&ED:	1/1/2020	
	123, 242, 580, and 680 at various locations.	2021-22	Const:	\$7,487	PS&E:	\$1,108	19-20	R/W Cert:	6/1/2021	
1487N	Install Accessible Pedestrian Signals (APS) systems and pedestrian countdown timers, and				R/W Sup:	\$80	19-20	RTL:	8/1/2021	
0415000091	refresh crosswalk markings with high-visibility				Con Sup:	\$1,400	21-22	Begin Con:	3/1/2022	
	striping to enhance pedestrian safety.		Subtotal:	\$7,507		\$3,696				
			Total Proj	ect Cost:		\$11,203				
			Program (Code	201.015 C	Collision S	everity Red	uction		
New			Performa	nce Measu	re 333 C	Collision(s) reduced			
04-Contra Costa-4	In and near Hercules, Martinez, and Concord, at	0J480	R/W:	\$10	PA&ED:	\$1,000	19-20	PA&ED:	2/3/2020	
0.0/R20.4	various locations from Route 80 to 0.3 mile east		Const:	\$12,400	PS&E:	\$1,400	19-20	R/W Cert:	6/1/2021	
0481U	of Bailey Road. Upgrade guardrail to make			,	R/W Sup:	\$52	20-21	RTL:	10/1/2021	
0414000004	standard.				Con Sup:	\$1,500	21-22	Begin Con:	4/1/2022	
			Subtotal:	\$12,410		\$3,952				
			Total Proj	cci Custi		\$16,362				
			Program (Code	201.015 C	Collision S	everity Red	uction		
Non			Performa			Collision(s	-			
New			i Ci ioi mai	ice ivicasu	223 (011131011(8	, reduced			

2018 SHOPP Project List Contra Costa



		(\$	1,000)					- 4	altrans"
Dist-Co-Rte Post Mile PPNO					COS Allocation				
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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: Const:	\$72 \$1,234	PA&ED: PS&E: R/W Sup: Con Sup:	\$928 \$663 \$40 \$530	18-19 20-21 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020 2/1/2022 3/1/2022 10/1/2022
			Subtotal: Total Proje	\$1,306 ect Cost:		\$2,161 \$3,467			
New			Program C		201.235 N		e Access	ovements/ Free	way
04-Contra Costa-80	In various sities from the Alameda County line	2J820	R/W:	\$5	PA&ED:	\$455	Prior	l proed	1/2/2018
0.0/14.1 1483P	In various cities from the Alameda County line to the Solano County line; also on Route 242, 580, and 680 at various locations. Construct	2019-20	Const:	\$2,630	PS&E: R/W Sup:	\$637 \$5	Prior Prior	PA&ED: R/W Cert: RTL:	8/9/2019 8/30/2019
0415000009	maintenance worker safety improvements				Con Sup:	\$692	19-20	Begin Con:	3/24/2020
			Subtotal: \$2,635 Total Project Cost:			\$1,789 \$4,424			
Carryover			Program Code Performance Measu		201.235 N		ovements/ Free	way	
BRIDGE PRESER	VATION								
04-Contra Costa-580 1.2 1482Q 0415000016	In Richmond, at Stege Drain Bridge No. 28 -0091. Bridge rehabilitation.	2J720 2019-20	R/W: Const:	\$5 \$5,828	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$876 \$117 \$876	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje	\$5,833 ect Cost:		\$2,569 \$8,402			
Carryover			Program C		201.110 B re 1 B	ridge Maj ridge(s)	or Rehabil	itation	
04-Contra Costa-4 R12.9 0298X 0418000298	Near Martinez, at Grayson Creek Bridge No. 28 -0066 R/L. Replace bridges by Financial Contribution Only (FCO) to Contra Costa Transportation Authority.	22913 2018-19	R/W: Const:	\$20,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$100	18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/19/2009 7/6/2018 7/13/2018 12/31/2018
			Subtotal: Total Proje	\$20,500 ect Cost:		\$100 \$20,600			
			Program C	'ode	201 111 B	tridge Sco	ur Mitigatio	on	
			- 1 og 1 mm C	ouc	201.111 D	Trage Sec.			

2018 SHOPP Project List Contra Costa





		(2)	1,000)			Caltrans
Dist-Co-Rte Post Mile PPNO		EA			COS Allocation	n
EFIS	Location/Description	Prog Year	Capital	Support	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: \$3 Const: \$2,06	7 PS&E: \$1,175 R/W Sup: \$175 Con Sup: \$375	19-20 19-20 21-22	PA&ED: 4/13/2020 R/W Cert: 1/4/2022 RTL: 2/21/2022 Begin Con: 12/22/2022
			Subtotal: \$2,10 Total Project Cost	*		
New			Program Code Performance Mea	201.113 Bridge Se sure 1 Bridge(s)	ismic Restor	ration
ROADWAY PRES	ERVATION					
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.	2021-22	R/W: \$9 Const: \$55,28	. ,	20-21 20-21	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
	g		Subtotal: \$55,37 Total Project Cost	· · · · · · · · · · · · · · · · · · ·		
New			Program Code Performance Mea	201.121 Pavement sure 95.0 Lane mile		on (CAPM)
04-Contra Costa-242 R0.0/R3.4 0269H 0412000159	In Concord, from Route 680 to Route 4. Pavement rehabilitation.	26980 2019-20	R/W: \$1 Const: \$11,77		18-19 18-19	PA&ED: 6/29/2018 R/W Cert: 3/4/2020 RTL: 6/30/2020 Begin Con: 12/18/2020
			Subtotal: \$11,78 Total Project Cost	ŕ		
Carryover			Program Code Performance Mea	201.121 Pavement sure 20.4 Lane mile		on (CAPM)
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.	n 3J070 2021-22	R/W: \$2 * Const: \$61,31	. ,	19-20 19-20	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 11/15/2022
	(G13 Contingency)		Subtotal: \$61,34 Total Project Cos : * Construction Cap	t: \$76,759		ase are NOT authorized
Carryover			Program Code Performance Mea	201.122 Roadway sure 21.9 Lane mile		on (2R)

2018 SHOPP Project List Contra Costa



Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
	C	ontra Costa Cou	nty			
		R/V	V: \$853	PA&ED: \$19,514		
		Con	st: \$238,189	PS&E: \$25,787		
				R/W Sup: \$3,003		
				Con Sup: \$30,711		
		Subtot	al: \$239,042	\$79,015		
		Total	Capital + Sup	port): \$318,057		

2018 SHOPP Project List Del Norte



		(3	1,000)			Latrans
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
		Trog Tear	Capitai	Support		Minestones
01-Del Norte-101 21.2 1122 0116000137	E RESTORATION Near Crescent City, at 0.2 mile north of Cushing Creek Viaduct. Restore roadway to pre-slide condition.	g 0G210 2019-20	R/W: \$18 Const: \$10,148	PA&ED: \$1,48 PS&E: \$2,27 R/W Sup: \$11 Con Sup: \$3,97	76 18-19 6 18-19 74 19-20	PA&ED: 12/1/2018 R/W Cert: 2/15/2020 RTL: 3/1/2020 Begin Con: 11/15/2020
			Total Project Cost: Program Code Performance Measu	\$18,02 201.131 Permane	ent Restoration	
Carryover			r er for mance wieasu	re 1 Location	1(5)	
01-Del Norte-199 10.2/10.7 1121 0116000128	Near Gasquet, from 0.7 to 0.3 mile south of Hardscrabble Creek Bridge. Install High Friction Surface Treatment (HFST), signs, guardrail, and centerline rumble strip.	0G130 2019-20	R/W: \$25 Const: \$1,570	PA&ED: \$40 PS&E: \$50 R/W Sup: \$9 Con Sup: \$39	18-19 18-19	PA&ED: 12/1/2018 R/W Cert: 12/16/2019 RTL: 1/13/2020 Begin Con: 6/6/2020
			Subtotal: \$1,595 Total Project Cost:	\$1,39 \$2,9 9		
Carryover			Program Code Performance Measu	201.010 Safety In re 20 Collision	_	
MANDATES						
01-Del Norte-101 25.6/27.3 1095 0113000023	In and near Crescent City, from south of Elk Valley Road to north of Wilson Avenue/Burtschell Street. Upgrade Americans with Disabilities Act (ADA) facilities and construct traffic calming measures to improve	0C660 2019-20	R/W: \$621 Const: \$4,340	PA&ED: \$66 PS&E: \$59 R/W Sup: \$1,23 Con Sup: \$53	95 19-20 34 19-20	PA&ED: 6/15/2018 R/W Cert: 6/5/2020 RTL: 6/22/2020 Begin Con: 10/30/2020
	operations and safety for non-motorized users.		Subtotal: \$4,961 Total Project Cost:	\$3,02 \$7,98		
Carryover			Program Code Performance Measu			lities Act New Curb Ramp
BRIDGE PRESER	RVATION					
01-Del Norte-101 36.1 0100V 0100000193	Near Crescent City from 0.2 mile north of the Smith River Overflow Bridge. Replace bridge.	43640 2020-21	R/W: \$3,900 Const: \$50,448	PA&ED: \$10,94 PS&E: \$4,20 R/W Sup: \$65 Con Sup: \$12,25	00 18-19 60 Prior	PA&ED: 12/1/2019 R/W Cert: 3/19/2021 RTL: 4/19/2021 Begin Con: 12/10/2021
			Subtotal: \$54,348 Total Project Cost:	\$28,04 \$82,3 9		

2018 SHOPP Project List Del Norte



		<u>(</u> (1,000)					- 4	arrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	pital	Supp	ort	FY	Miles	tones
01-Del Norte-101 39.8 1113 0115000108	Near the Smith River community, at Dominie Creek. Replace box culvert with new bridge and remediate fish passage barrier.	0F310 2019-20	R/W: Const:	\$151 \$5,852	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,141 \$154 \$1,643	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2019 1/3/2020 1/17/2020 7/22/2020
			Subtotal: Total Proj	\$6,003 ect Cost:		\$4,006 \$10,009			
Carryover			Program (Bridge Maj Bridge(s)	or Rehabil	itation	
01-Del Norte-101 8.2/8.7 1072 0100020444	Near Klamath, at Panther Creek Bridge No. 01-0025 and at Hunter Creek Bridge No. 01-0003 Seismic retrofit.	0B090 · 2018-19	R/W: Const:	\$5,589 \$13,756	PA&ED: PS&E: R/W Sup: Con Sup:		Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 7/1/2019 6/3/2019 6/15/2020
			Subtotal: Total Proj	\$19,345 ect Cost:		\$9,534 \$28,879			
Carryover			Program (Bridge Seis Bridge(s)	mic Restor	ration	
ROADWAY PRES	SERVATION .								
01-Del Norte-199 1.1/36.3 1055 0114000074	In Del Norte County, at various locations from north of Elk Valley Cross Road to south of the Oregon State line. Culvert rehabilitation and fish passage.	48800 2019-20	R/W: Const:	\$166 \$4,998	PA&ED: PS&E: R/W Sup: Con Sup:	\$82	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 2/1/2020 3/1/2020 8/1/2020
			Subtotal: Total Proj	\$5,164 ect Cost:		\$3,538 \$8,702			
Carryover			Program (Orainage Sy Culvert(s) (ystem Rest ea)	coration	
01-Del Norte-199 33.5/33.9 1115 0116000005	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		R/W: Const:	\$2,082	PA&ED: PS&E: R/W Sup: Con Sup:	\$355 \$1,213 \$86 \$949	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 7/1/2020 8/1/2020 1/1/2021
	-0049.		Subtotal: Total Proj	\$2,082 ect Cost:		\$2,603 \$4,685		•	
New			Program (Signs and L		chabilitation	

2018 SHOPP Project List Del Norte



		(3	1,000)					- 4	arrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Ca	pital	Supp	ort	FY	Miles	tones
MOBILITY									
01-Del Norte-101 R5.1/R5.6 1110 0115000094	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	0F240 2021-22	R/W: Const:	\$446 \$1,581	PA&ED: PS&E: R/W Sup: Con Sup:	\$697 \$847 \$15 \$649	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 10/1/2021 11/1/2021 6/1/2022
	the intersection of Ehlers Way and Route 101.		Subtotal:	\$2,027		\$2,208			
			Total Pro			\$4,235			
			Program	Code	201.310 (perational	Improvem	ents	
New			Performa	nce Measu	re .2 I	aily vehic	le hour(s) o	of delay (DVH)	D)
FACILITIES PACILITIES									
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 n.	R/W: Const:	\$20 \$3,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$561 \$1,565 \$43 \$2,038	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 7/1/2021 8/1/2021 2/1/2022
			Subtotal:	\$3,980		\$4,207			
			Total Pro			\$8,187			
			Program	Code	201 352 N	//aintenanc	e Facilities		
New			U	couc nce Measu		ocation(s)			
New			1 CI IOI III a	irce ivicasu	10 11	ocation(s)			
	D	el Norte	County	V					
				***		***			
			R/W:	\$10,936	PA&ED:				
			Const:	\$98,735		\$17,199			
					R/W Sup:				
					Con Sup:	\$20,929			
			Subtotal:	\$109,671		\$66,415			
			Total (Cap	ital + Sup	port):	6176,086			

2018 SHOPP Project List El Dorado



		(+	1,000)					-	wwws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY	Miles	tones
	E RESTORATION		•		**				
03-El Dorado-50 33.8/34.0 3326 0318000001	Near Pollock Pines, east of Sly Park Road. Permanently restore roadway by mitigating the progression of recurring roadway slipout.	3H450 2019-20	R/W: Const:	\$230 \$12,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$840 \$2,360 \$80 \$2,600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/4/2019 10/1/2019 10/15/2019 5/15/2020
			Subtotal: Total Proj	\$12,530 ect Cost:		\$5,880 \$18,410			
Carryover			Program (ermanent	Restoration		
03-El Dorado-193 22.8/24.3 3631 0316000188	Near Placerville, at 1.1 miles north of the South Fork American River Bridge (PM 22.8/22.9); also at 2.5 miles north of the South Fork American River Bridge (PM 24.2/24.3). Restore embankment slope slipouts.	1H600 2018-19	R/W: Const:	\$13 \$6,042	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,039 \$1,201 \$106 \$1,144	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 2/1/2019 2/28/2019 9/15/2019
	restore vincularities stope supposition		Subtotal: Total Proj	\$6,055 ect Cost:		\$3,490 \$9,545			
Carryover			Program (Permanent	Restoration		
COLLISION RED	UCTION								
03-El Dorado-50 6.5 3316 0316000153	In Cameron Park, at Cameron Park Drive. Improve sight distance and upgrade curb ramps	1H440 - 2018-19	R/W: Const:	\$83 \$1,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$530 \$9 \$450	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 10/1/2018 10/1/2018 5/1/2019
			Subtotal: Total Proj	\$1,283 ect Cost:		\$1,139 \$2,422			
Carryover			Program (Safety Imp	rovements) reduced		
03-El Dorado-50 21.9/24.5 3290 0314000039	Near Placerville and Camino, from 0.2 mile west of Still Meadows Road to 0.4 mile east of Upper Carson Road. Install median barrier, widen shoulders, construct acceleration/deceleration lane. construct an	4E620 2018-19	R/W: Const:	\$3,000 \$32,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,500 \$3,500 \$1,200 \$5,800	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/2/2018 5/1/2019 5/1/2019 9/1/2019
	undercrossing, and construct access to the undercrossing from local roads.		Subtotal: Total Proj	\$35,000 ect Cost:		\$13,000 \$48,000			
Carryover			Program (Safety Imp	rovements) reduced		

2018 SHOPP Project List El Dorado



Dist-Co-Rte									
Post Mile PPNO		EA				I	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
03-El Dorado-50 0.0/70.6 3318 0317000011	In Yolo, Sacramento and El Dorado Counties, ir and near the cities of West Sacramento, Sacramento, Rancho Cordova, Folsom, and Placerville, from Route 80 to Route 89 at various locations. Upgrade guardrail to make	n 1H870 2020-21	R/W: Const:	\$5 \$2,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$271 \$461 \$129 \$570	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 9/1/2020 10/1/2020 4/1/2021
	standard.		Subtotal: Total Proje	\$2,005 ect Cost:		\$1,431 \$3,436			
New			Program C		201.015 C re 20 C	follision Se	-	luction	
03-El Dorado-50	In El Dorado County, from the Sacramento	0H500	R/W:	\$16	PA&ED:	\$150	Prior	PA&ED:	4/11/2017
0.0/80.4	County line to east of Stateline Avenue.	2018-19	Const:	\$3,450	PS&E:	\$360	Prior	R/W Cert:	10/1/2018
3311 0315000200	Upgrade guard rail to current standards.				R/W Sup: Con Sup:	\$55 \$475	Prior 18-19	RTL: Begin Con:	10/1/2018 4/1/2019
			Subtotal: Total Proje	\$3,466		\$1,040 \$4,506			
Carryover 03-El Dorado-50	In El Dorado, Butte, Placer, Sacramento, Sutter,		Program C Performan	ce Measu \$10	PA&ED:	follision(s) \$90	reduced 18-19	PA&ED:	
•	In El Dorado, Butte, Placer, Sacramento, Sutter, and Yolo Counties, on Routes 50, 65, 70, 80, 89, and 99 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable.	0H680 2020-21	Performan	\$10 \$2,600 \$2,610	re 5 C	ollision(s)	reduced	1	10/1/2020
03-El Dorado-50 R11.0/R31.6 3313	and Yolo Counties, on Routes 50, 65, 70, 80, 89, and 99 at various locations. Upgrade crash cushions and sand barrel arrays to make more		R/W: Const:	\$10 \$2,600 \$2,610 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$90 \$170 \$30 \$460 \$750 \$3,360	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 10/1/2020 10/1/2020 4/1/2021
03-El Dorado-50 R11.0/R31.6 3313 0316000010	and Yolo Counties, on Routes 50, 65, 70, 80, 89, and 99 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable.		R/W: Const: Subtotal: Total Proje	\$10 \$2,600 \$2,610 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$90 \$170 \$30 \$460 \$750 \$3,360	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 10/1/2020
03-El Dorado-50 R11.0/R31.6 3313 0316000010	and Yolo Counties, on Routes 50, 65, 70, 80, 89, and 99 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable.		R/W: Const: Subtotal: Total Proje	\$10 \$2,600 \$2,610 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$90 \$170 \$30 \$460 \$750 \$3,360	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 10/1/2020 4/1/2021 11/15/2017 8/15/2019 9/1/2019
03-El Dorado-50 R11.0/R31.6 3313 0316000010 New BRIDGE PRESEI 03-El Dorado-50 R27.9/R29.8 6923	and Yolo Counties, on Routes 50, 65, 70, 80, 89, and 99 at various locations. Upgrade crash cushions and sand barrel arrays to make more durable. RVATION Near Pollock Pines, at Sawmill Undercrossing No. 25-0041; also at Sly Park Road (PM R30.17/R31.3). Replace bridge, restore	2020-21 0H341	R/W: Const: Subtotal: Total Proje Program C Performan	\$10 \$2,600 \$2,610 \$2,610 ect Cost: Fode ce Measu \$53 \$8,850	PA&ED: PS&E: R/W Sup: Con Sup: 201.015 C PA&ED: PS&E: R/W Sup: Con Sup:	\$90 \$170 \$30 \$460 \$750 \$3,360 \$collision(s) \$230 \$690 \$11	reduced 18-19 19-20 19-20 20-21 everity Recorded Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con: duction PA&ED: R/W Cert: RTL:	10/1/2020 10/1/2020 4/1/2021 11/15/2017 8/15/2019 9/1/2019

2018 SHOPP Project List El Dorado



		ψ	1,000)					u	wwws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	iital	Supp		COS Allocation FY	n Miles	tones
EFIS	Location/Description	Trug Tear	Сар	ıtaı	Supp	л	1.1	Willes	tones
03-El Dorado-50 R2.7/R13.8 3315 0316000050	SERVATION Near Cameron Park and Shingle Springs, from east of Silva Valley Parkway to west of El Dorado Road. Rehabilitate culverts.	1H040 2021-22	R/W: Const:	\$180 \$3,900 \$4,080	PA&ED: PS&E: R/W Sup: Con Sup:	\$630 \$570 \$540 \$940 \$2,680	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 2/1/2022 2/1/2022 8/1/2022
			Total Proje		201.151 Е	\$6,760 Orainage Sy	ystem Rest	oration	
New			Performan	ice Measu	re 28 C	Culvert(s) (ea)		
03-El Dorado-50 R13.7/22.5 3317 0317000003	In and near Placerville, from west of El Dorado Road to 0.1 mile east of Braeburn Lane. Rehabilitate deteriorated culverts and provide access for wildlife crossing the route.	1H800 2021-22	R/W: Const:	\$930 \$4,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$290 \$890 \$180 \$1,440	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 8/1/2021 8/15/2021 12/15/2021
			Subtotal: Total Proje	\$5,430 ect Cost:		\$2,800 \$8,230			
			Program (201.151			oration	
New			Performan	ice Measu	re 36 C	Culvert(s) (ea)		
03-El Dorado-50 0.0/80.4 3312 0315000202	In El Dorado County, from the Sacramento County line to east of Stateline Avenue. Upgrade new Transportation Management System (TMS) elements.	0H520 2019-20	R/W: Const:	\$150 \$9,150	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$1,000 \$580 \$1,620	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2017 1/15/2020 2/1/2020 9/1/2020
			Subtotal: Total Proj e	\$9,300 ect Cost:		\$3,700 \$13,000			
Carryover			Program C			ransportat	_	ement Systems	
	Fi	Dorado	County	,					
	El	Doraut	County						
			D/W	04.670	DARED	ec coo			

El Dorado County	
R/W: \$4,670 PA&	ED: \$6,690
Const: \$85,992 PS	&E: \$11,732
R/W	Sup: \$2,920
Con	Sup: \$17,159
Subtotal: \$90,662	\$38,501
Total (Capital + Support):	\$129,163

2018 SHOPP Project List Fresno





Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Prog Year** Capital **Support Milestones** COLLISION REDUCTION 0V980 R/W: PA&ED: 06-Fresno-43 Near Selma, from Kings County line to East 6/26/2017 PA&ED: Mountain View Avenue. Construct rumble 2018-19 \$1,026 \$750 0.0/7.3PS&E: Prior R/W Cert: 8/1/2018 Const: strips and update pavement delineation. 6886 R/W Sup: \$22 Prior RTL: 9/17/2018 Begin Con: 0617000082 Con Sup: \$202 18-19 3/15/2019 \$1,026 \$974 Subtotal: **Total Project Cost:** \$2,000 **Program Code** 201.010 Safety Improvements **Performance Measure** 16 Collision(s) reduced Carryover 06-Fresno-168 In Fresno County, between Shepherd Avenue 0V320 R/W: \$1 PA&ED: \$220 Prior 2/15/2018 PA&ED: and Lockwood Lane and Lodge Road Park and 11.7/R36.2 2018-19 \$742 PS&E: \$635 R/W Cert: Const: Prior 9/3/2018 Ride and Tollhouse/Auberry Roads. Construct 6866 R/W Sup: \$1 Prior RTL: 9/10/2018 centerline rumble strip. 0616000136 Con Sup: \$404 18-19 Begin Con: 1/10/2019 \$743 \$1,260 Subtotal: \$2,003 **Total Project Cost: Program Code** 201.010 Safety Improvements Performance Measure 26 Collision(s) reduced Carryover 0T230 R/W: \$102 PA&ED: 10/2/2017 06-Fresno-5 Near Coalinga and Kettleman City, at the \$122 Prior PA&ED: Coalinga-Avenal Safety Roadside Rest Area 0.0/1.72018-19 \$4,350 \$783 Prior R/W Cert: 11/5/2018 Const: PS&E: (SRRA) from Kings County line to Quist 6736 R/W Sup: \$4 Prior RTL: 1/11/2019 Undercrossing; also in Kings County, from 0.2 0615000040 Con Sup: \$1,000 18-19 Begin Con: 7/1/2019 mile south of Avenal Cutoff Road to Fresno County line (PM 26.4/26.7). Repair aging water Subtotal: \$4,452 \$1,909 and wastewater systems. \$6,361 **Total Project Cost:** Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Performance Measure 2 Location(s) Carryover **MANDATES** 06-Fresno-33 In Firebaugh, from south of Morris Kyle Drive 0T250 R/W: \$616 PA&ED: \$221 Prior 6/9/2017 PA&ED: to Clyde Fannon Drive. Construct continuous 69.3/70.9 2018-19 \$2,085 PS&E: \$780 Prior R/W Cert: 3/29/2019 Const: accessible pedestrian path to comply with 6747 R/W Sup: \$240 Prior RTL: 4/1/2019 Americans with Disabilities Act (ADA) Begin Con: 10/15/2019 0615000043 18-19 Con Sup: \$475 Standards. \$2,701 \$1,716 Subtotal: \$4,417 **Total Project Cost: Program Code** 201.361 Americans with Disabilities Act New Curb Ramps Carryover **Performance Measure** 19 Curb ramp(s)

2018 SHOPP Project List Fresno







Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
BRIDGE PRESER	RVATION					
06-Fresno-5 44.4/45.4 6725 0615000046	Near Mendota, at Tumey Gulch Bridge No. 42 -0246L/R. Replace bridge.	0S830 2019-20	R/W: \$79 Const: \$10,898	PA&ED: \$850 PS&E: \$1,900 R/W Sup: \$4 Con Sup: \$2,800	18-19 18-19	PA&ED: 7/31/2018 R/W Cert: 1/3/2020 RTL: 2/3/2020 Begin Con: 7/3/2020
			Subtotal: \$10,977 Total Project Cost:	\$5,554 \$16,53 3		
Carryover			Program Code Performance Measu	201.110 Bridge M	•	ation
06-Fresno-180 92.2 6766 0614000047	Near Squaw Valley, at Mill Creek Bridge No. 42-0080; also near Cedar Grove, at South Fork Kings River Bridge No. 42-0024 (PM 130.1). Bridge rail upgrade.	0Q900 2018-19	R/W: \$4 Const: \$3,153	PA&ED: \$480 PS&E: \$922 R/W Sup: \$10 Con Sup: \$814	Prior Prior	PA&ED: 1/15/2018 R/W Cert: 1/21/2019 RTL: 2/25/2019 Begin Con: 9/2/2019
			Subtotal: \$3,157 Total Project Cost:	\$2,22' \$5,38 4		
Carryover			Program Code Performance Measu	201.112 Bridge R	•	nt and Upgrade
06-Fresno-33 6773 0615000296	In Fresno County, at Colony Main Canal Bridge No. 42-0031, Helm Canal Bridge No. 42-0033 and Poso Canal Bridge No. 42-0034; also in Kern County, on Route 58 at Main Drain Canal Bridge No. 50-0013. Repair erosion, clean and	2020-21	R/W: \$375 Const: \$1,782		3 19-20 4 19-20	PA&ED: 10/1/2019 R/W Cert: 1/1/2021 RTL: 2/1/2021 Begin Con: 7/15/2021
	encase piers in concrete.		Subtotal: \$2,157 Total Project Cost:	\$2,570 \$4,72		
Carryover			Program Code Performance Measu	201.119 Bridge Pr ure 4 Bridge(s)		aintenance
06-Fresno-41 R22.0/R22.6 6771 0615000310	In Fresno, at the South Fresno Viaduct No. 42 -0226L/R. Replace failed joint seals and rehabilitate worn bridge decks with polyester concrete overlay.	0U160 2018-19	R/W: \$291 Const: \$7,050	PA&ED: \$23° PS&E: \$750 R/W Sup: \$20 Con Sup: \$1,574	Prior Prior	PA&ED: 9/29/2017 R/W Cert: 7/1/2018 RTL: 9/1/2018 Begin Con: 2/15/2019
			Subtotal: \$7,341 Total Project Cost:	\$2,58 \$9,92 2		
Carryover			Program Code Performance Measu	201.119 Bridge Prince 2 Bridge(s)		aintenance

2018 SHOPP Project List

Fresno





Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION					
06-Fresno-99 R5.7/11.1 6800 0616000004	In and near Selma and Fowler, from 0.1 south of Rose Avenue Undercrossing to Merced Street Undercrossing. Replace pavement with Continuous Reinforced Concrete Pavement (CRCP). Update curb ramps to meet current	f 0U420 2019-20	R/W: \$56 * Const: \$86,000	PA&ED: \$845 PS&E: \$2,000 R/W Sup: \$24 * Con Sup: \$11,000	Prior 18-19 18-19 19-20	PA&ED: 12/3/2018 R/W Cert: 12/13/2019 RTL: 1/24/2020 Begin Con: 9/2/2020
	Americans with Disabilities Act (ADA) Standards. (G13 Contingency)		Subtotal: \$86,056 Total Project Cost: * Construction Capit	\$13,869 \$99,925 al and * Construction	Support pha	se are NOT authorized
Carryover			Program Code Performance Measu	201.120 Roadway R		n (3R)
06-Fresno-168 18.6/T25.5 6809 0615000298	Near Prather, from Sample Road to Oak Creek Road. Upgrade barrier railing, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	0U450 2019-20	R/W: \$5 Const: \$5,000	PA&ED: \$750 PS&E: \$1,230 R/W Sup: \$1 Con Sup: \$1,140	Prior 18-19 18-19 19-20	PA&ED: 2/15/2019 R/W Cert: 3/13/2020 RTL: 3/26/2020 Begin Con: 9/18/2020
	parement		Subtotal: \$5,005 Total Project Cost:	\$3,121 \$8,126		
Carryover			Program Code Performance Measu	201.121 Pavement I		n (CAPM)
06-Fresno-99 R0.9/R5.0 6727 0615000038	In and near Kingsburg, from Route 201 to south of Second Street. Roadway rehabilitation.	0S460 2018-19	R/W: \$375 Const: \$39,851	PA&ED: \$577 PS&E: \$1,496 R/W Sup: \$43 Con Sup: \$5,000	Prior Prior Prior 18-19	PA&ED: 8/3/2017 R/W Cert: 10/4/2018 RTL: 11/6/2018 Begin Con: 6/4/2019
			Subtotal: \$40,226 Total Project Cost:	\$7,116 \$47,342		
Carryover			Program Code Performance Measu	201.122 Roadway R		n (2R)
06-Fresno-198 R14.5/R18.2 6802 0614000030	In Fresno County, at various locations; also in Kern County, on Route 119 at various locations. Replace damaged drainage systems.	0R110 2018-19	R/W: \$165 Const: \$1,206	PA&ED: PS&E: \$1,184 R/W Sup: \$463 Con Sup: \$454	Prior Prior 18-19	PA&ED: 5/22/2017 R/W Cert: 3/1/2019 RTL: 4/1/2019 Begin Con: 10/14/2019
			Subtotal: \$1,371 Total Project Cost:	\$2,101 \$3,472		
Canananan			Program Code Performance Measu	201.151 Drainage S	•	ration
Carryover			1 CHOT MARKE WICASU	/ Curveri(s)		

2018 SHOPP Project List Fresno





		(4	1,000)					1.4	wows
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cox	pital	Sunn		COS Allocation FY	Miles	tonos
EFIS	Location/Description	rrog rear	Ca	pitai	Suppo	πι	I I	Milles	tones
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: Const:	\$7 \$14,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$2,400 \$150 \$4,400	18-19 19-20 19-20 21-22	R/W Cert: RTL:	11/15/2019 7/23/2021 8/23/2021 2/18/2022
	Shaw Avenue officing.		Subtotal: Total Proj	\$14,707 ject Cost:		\$8,250 \$22,957			
New			Program (Code nce Measu		•	I Improvementelle hour(s) of	ents f delay (DVHI	D)
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 to PM 21.9), Route 168 (PM R0.2L/R to PM R9.7), and Route 180 (PM R58.55 to PM R59.85). Replace and upgrade existing communication elements for the Traffic Management System (TMS).	0V780 2020-21	R/W: Const: Subtotal: Total Proj	\$30 \$16,010 \$16,040 siect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$619 \$1,809 \$165 \$1,791 \$4,384 \$20,424	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2018 1/4/2021 3/1/2021 8/16/2021
Carryover 06-Fresno-99 6883 0617000067	In Fresno County, on Routes 99, 41, 168, and 180 at various locations; also in Madera County, on Route 99 at various locations. Repair vehicle detection systems.		Program of Performation R/W: Const:			\$800 \$1,017 \$450 \$1,056	Č	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2018 12/2/2019 12/16/2019 6/1/2020
0017000007	·		Subtotal: Total Proj	\$3,155 ject Cost:	Con Sup.	\$3,323 \$6,478	17-20	Doğum evin.	0/1/2020
Carryover			Program (ransportat	_	ment Systems	
ROADSIDE PRES	SERVATION								
06-Fresno-41 R21.0/R31.0 6888 0616000209	In the city of Fresno, from 0.1 mile south of Jensen Avenue Overcrossing to Alluvial Avenue Undercrossing. Replace irrigation system with a water efficient system.	0V750 2019-20	R/W: Const:	\$1 \$1,576	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$552 \$1 \$460	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/7/2017 7/1/2019 8/7/2019 2/28/2020
			Subtotal: Total Proj	\$1,577 ject Cost:		\$1,013 \$2,590			
New			Program (lighway P	lanting Resto	oration	

2018 SHOPP Project List Fresno



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Miles	tones
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.		R/W: Const:	\$2 \$1,449	PA&ED: PS&E: R/W Sup: Con Sup:	\$2 \$524 \$2 \$370	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/30/2018 6/1/2020 7/10/2020 12/1/2020
			Subtotal: Total Proj	\$1,451 ect Cost:		\$898 \$2,349			
New			Program (201.210 H re 30 A	ighway Pl cre(s)	anting Res	toration	

Fresno Count	y		
R/W:	\$2,228	PA&ED:	\$7,561
Const:	\$199,914	PS&E:	\$19,626
		R/W Sup:	\$1,934
		Con Sup:	\$33,745
Subtotal:	\$202,142		\$62,866
Total (Ca	pital + Sup	port):	\$265,008

2018 SHOPP Project List Glenn



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Sunn		COS Allocation FY	ı Miles	tonos
EPIS	Location/Description	rrog rear	Сарпаі	Supp	UIT	F I	Milles	tones
03-Glenn-5 R3.2/R27.9 3709 0313000019	In and near Willows and Orland, from north of County Road 68 to north of County Road 7. Pave beyond the gore areas, install vegetation control under guardrail, construct Maintenance Vehicle Pullouts (MVPs), and trim trees and	2020-21	R/W: \$ Const: \$2,0	10 PA&ED: 00 PS&E: R/W Sup: Con Sup:	\$280 \$420 \$80 \$540	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 7/2/2020 8/1/2020 2/15/2021
	shrubs to improve highway worker safety.		Subtotal: \$2,0 Total Project Co		\$1,320 \$3,330			
New			Program Code Performance Me	201.235 N	Roadside S Maintenanc Location(s)	e Access	vements/ Free	way
03-Glenn-5 R14.6 3710 0314000161	Near Willows, at the Willows Safety Roadside Rest Area (SRRA). Upgrade potable water and wastewater systems.	4F420 1 2019-20	R/W: \$ Const: \$4,1	20 PA&ED: 00 PS&E: R/W Sup: Con Sup:	\$540 \$550 \$60 \$1,180	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 7/2/2019 7/2/2019 2/15/2020
			Subtotal: \$4,1 Total Project Co		\$2,330 \$6,450			
Carryover			Program Code Performance Me	201.235 N		e Access	vements/ Free	way
IANDATES								
03-Glenn-32 L0.0/0.8 3788 0314000291	In Orland, from Route 5 to Woodward Avenue. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	4F810 2019-20		88 PA&ED: 00 PS&E: R/W Sup: Con Sup:	\$240 \$405 \$465 \$260	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 9/1/2019 10/1/2019 4/1/2020
			Subtotal: \$7 Total Project Co		\$1,370 \$2,158			
Carryover			Program Code Performance Me		Americans Curb ramp(ilities Act New	Curb Ramp
RIDGE PRESEI	RVATION							
03-Glenn-162 76.3/78.6 2633 0312000052	At Butte City, from Route 45 to 0.1 mile east of McDougall Street. Replace truss section on Sacramento River Bridge No. 11-0017 over the river channel and reconstruct east side roadway to conform with new structure. (PA&ED Only)	2021-22	* R/W: \$4,0 * Const: \$34,0		\$5,500 \$5,500 \$1,000 \$4,000	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 9/1/2021 10/15/2021 4/1/2022
	omy)		Subtotal: \$38,0 Total Project Co * Const, * R/W, *	st:	\$16,000 \$54,000 Sup, * Con	Sup phase(s) are NOT au	thorized
New			Program Code Performance Me		Bridge Seis Bridge(s)	mic Restora	ation	

2018 SHOPP Project List Glenn

(\$1,000)

Subtotal:

\$44,918

Total (Capital + Support):

\$21,020

\$65,938



Dist- Co-Rte Post Mile PPNO	EA					COS Allocation						
EFIS	Location/Description	Prog Year	Caj	pital	Suppo	ort	FY	Milestones				
		Glenn C	ounty	7								
			R/W:	\$4,118	PA&ED:	\$6,560						
		•	Const:	\$40,800	PS&E:	\$6,875						
					R/W Sup:	\$1,605						
					Con Sup:	\$5,980						



Program Code			(+							
Oi-Humbold-10 Park Road to 0.4 mile cast of Riverside Park Road Curve correction. Park Road to 0.4 mile cast of Riverside Park Road and 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road and place High Friction Surface Treatment (HFST) Park Road 1.4 mile Park Road and place High Friction Surface Treatment (HFST) Park Road Road and place High Friction Surface Treatment (HFST) Park Road Road Road Road Road Road Road Road	PPNO	Location/Description		Сар	ital	Suppo		Allocation		tones
Oi-Humbold-10 Park Road to 0.4 mile cast of Riverside Park Road Curve correction. Park Road to 0.4 mile cast of Riverside Park Road and 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road to 0.4 mile cast of Riverside Park Road and place High Friction Surface Treatment (HFST) Park Road 1.4 mile Park Road and place High Friction Surface Treatment (HFST) Park Road Road and place High Friction Surface Treatment (HFST) Park Road Road Road Road Road Road Road Road	COLLISION RED	UCTION								
Carryover Total Project Cost: S5,674 Constitute Carryover Carryo	01-Humboldt-36 10.5/10.8 2415	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park				PS&E: R/W Sup:	\$904 \$174	18-19 18-19	R/W Cert: RTL:	1/15/2019 1/1/2020 1/15/2020 7/1/2020
This construct policy This payment delineation This payment delineat					. ,					
Oli-Humboldt-101 Transport	Carryover			_			, ,			
Program Code 201.010 Safety Improvements Program Code 201.010 Safety Improvements Performance Measure 413 Collision(s) reduced	01-Humboldt-101 77.9/79.5 2481	Street. Improve curve and signs, construct bulb outs, upgrade curb ramps, apply microsurfacing	- 2021-22	R/W:	\$493	PA&ED: PS&E: R/W Sup:	\$1,265 \$1,080 \$717	Prior 19-20 19-20	R/W Cert: RTL:	1/21/2020 7/14/2021 8/1/2021 12/22/2021
O1-Humboldt-101 In Eureka, on 4th Street from Broadway to Y O1-100 Street. Restripe to add traffic and bicycle lanes, 2018-19 Construct pedestrian bulb-outs and Americans with Disabilities Act (ADA) ramps, and install or modify signals. Program Code Solution										
Street Restripe to add traffic and bicycle lanes, 2018-19 Const: \$6,254 PS&E: \$690 18-19 R/W Cert: 6/1/2019 R/W Sup: \$362 18-19 R/W Cert: 6/1/2019 R/W Sup: \$364 R/W Sup: \$364 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890 R/W Cert: 6/1/2019 R/W Sup: 890 R/W Sup: 890	Carryover			Ü			, ,			
Subtotal: \$6,614	78.1/79.6 2393	Street. Restripe to add traffic and bicycle lanes construct pedestrian bulb-outs and Americans with Disabilities Act (ADA) ramps, and install				PS&E: R/W Sup:	\$690 \$362	18-19 18-19	R/W Cert: RTL:	7/1/2018 6/1/2019 6/15/2019 1/23/2020
Carryover Performance Measure 503 Collision(s) reduced		of mounty signals.								
87.8/R91.5 School Road at four locations. Construct 2019-20 Const: \$1,301 PS&E: \$582 18-19 R/W Cert: 11/1/2019 R/W Sup: \$90 18-19 Construct guardrail slope retaining wall, and place High Friction Surface Treatment (HFST). Subtotal: \$1,301 S1,682 Total Project Cost: \$2,983	Carryover			_						
Subtotal: \$1,301 \$1,682 Total Project Cost: \$2,983	87.8/R91.5 7024	School Road at four locations. Construct shoulder rumble strip, upgrade guardrail, construct guardrail slope retaining wall, and	2019-20		\$1,301	PS&E: R/W Sup:	\$582 \$90	18-19 18-19	R/W Cert: RTL:	4/1/2019 11/1/2019 11/1/2019 4/1/2020
Program Code 201.010 Safety Improvements		place ringii rireuon surface ricaunem (III-S1).	•							
Carryover Performance Measure 30 Collision(s) reduced	Carroner			_						



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation						
EFIS	Location/Description	Prog Year	Capital		Support		FY	Milestones					
01-Humboldt-299 R14.7/R15.7 2435 0116000045	Near Blue Lake, from 2.2 miles east of Simpson Road to 3.2 miles east of Simpson Road. Wider shoulders, and install rumble strips and guardrailing.		R/W: Const:	\$1,386	PA&ED: PS&E: R/W Sup: Con Sup:	\$498 \$697 \$9 \$642	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 7/1/2019 7/1/2019 12/1/2019				
			Subtotal: Total Proje	\$1,386 ect Cost:		\$1,846 \$3,232							
Carryover			Program C		201.010 S re 13 C	afety Impr							
01-Humboldt-299 20.5/30.2 2427 0116000010	Near Willow Creek, from 1.5 mile east of East Bair Road to 0.4 mile west of Cedar Creek Road, at various locations. Widen shoulders.	0F460 2019-20	R/W: Const:	\$127 \$6,886	PA&ED: PS&E: R/W Sup: Con Sup:	\$986 \$864 \$21 \$921	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 8/1/2019 8/1/2019 12/1/2019				
			Subtotal: Total Proje	\$7,013 ect Cost:		\$2,792 \$9,805							
Carryover			Program C		201.010 S re 40 C	afety Impi							
01-Humboldt-299 30.7/37.7 2426 0116000011	Near Willow Creek, from 0.1 mile east of Cedar Creek Road to 1.1 miles west of Route 96. Widen shoulders, place High Friction Surface Treatment (HFST), install rumble strips, guardrail, and cable net drapery.	0F470 2019-20	R/W: Const:	\$19 \$11,388	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,640 \$1,668 \$45 \$2,518	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 7/1/2019 8/1/2019 1/1/2020				
	S,		Subtotal: Total Proje	\$11,407 ect Cost:		\$5,871 \$17,278							
Carryover			Program C		201.010 S re 118 C	afety Impi Collision(s)							
01-Humboldt-299 38.9/39.5 2434 0116000044	Near Willow Creek, from 0.1 mile west of Willow Way to Panther Road. Widen shoulders, upgrade Americans with Disabilities Act (ADA) curb ramps, and install a bus turnout.	0F680 2019-20	R/W: Const:	\$211 \$2,594	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,108 \$1,306 \$238 \$1,103	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2019 6/1/2020 6/1/2020 12/1/2020				
			Subtotal: Total Proje	\$2,805 ect Cost:		\$3,755 \$6,560							
			Program C		201.010 S								
Carryover			Performan		10.0	111: 1 ()	reduced						





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Dist-Co-Rte Post Mile		T I A				,	COS Allocation	n	
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY	Milestones	
01-Humboldt-36 0.1/1.6 2379 0113000090	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.	0E010 2019-20	R/W: Const:	\$2,727 \$7,187 \$9,914	PA&ED: PS&E: R/W Sup: Con Sup:	\$910 \$886 \$592 \$955	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/201 2/1/202 3/1/202 9/15/202
			Total Proje			\$13,257			
Carryover			Program C		201.015 C	Collision So	-	luction	
•	N	0C970	R/W:		PA&ED:	\$510		1	1/10/201
01-Humboldt-101 80.8/87.8 2375 0113000094	Near Eureka, from PMs 80.0 to 87.8. Upgrade metal beam guardrail.	2018-19	Const:	\$800 \$6,307	PS&E: R/W Sup: Con Sup:	\$300 \$48 \$1,750	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/1/201 10/1/201 10/15/201 6/20/201
			Subtotal: Total Proje	\$7,107		\$2,608 \$9,715			
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,	1	R/W: Const:	\$346 \$5,561	PA&ED: PS&E: R/W Sup: Con Sup:	\$896 \$1,066 \$104 \$1,649	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/202 7/15/202 8/1/202 3/13/202
	and construct a Class I bike path.		Subtotal: Total Proje	\$5,907 ect Cost:		\$3,715 \$9,622			
No			Program C		201.015 C	Collision Se	•	luction	
New 01-Humboldt-101 88.2/88.3 2397	In Arcata, at Route 299. Realign ramp curve.	0E650 2019-20	R/W: Const:	\$600 \$3,220	PA&ED: PS&E: R/W Sup:	\$901 \$662 \$164	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	9/1/201 12/1/201 1/1/202
0114000117			Subtotal: Total Proje	\$3,820 ect Cost:	Con Sup:	\$613 \$2,340 \$6,160	19-20	Begin Con:	5/1/202
Carryover			Program C		201.015 C re 24 C	Collision Se	-	duction	



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	r Capital		Suppo	ort	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: Const:	\$912 \$7,297	PA&ED: PS&E: R/W Sup: Con Sup:	\$799 \$879 \$175 \$1,256	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 1/15/2022 2/1/2022 8/22/2022
			Subtotal: Total Proj	\$8,209 ect Cost:		\$3,109 \$11,318			
			Program (201.235 N	/aintenanc	e Access	ovements/ Free	way
New			Performan	ice Measu	re 172 L	ocation(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	0C150 2021-22	R/W: Const:	\$152 \$2,174 \$2,326	PA&ED: PS&E: R/W Sup: Con Sup:	\$726 \$873 \$334 \$1,452 \$3,385	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2020 9/1/2021 10/1/2021 4/1/2022
	the adjacent roadway slope erosion and reduce storm water sediment discharge to the impaired Van Duzen River.		Total Proj	ect Cost:		\$5,711			
New			Program (Performan				er Mitigatio nted/polluta		
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		R/W: Const:	\$34 \$10,578	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,742 \$1,863 \$173 \$2,909	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2021 2/14/2022 3/14/2022 8/1/2022
	Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals. Five million in funds from AB 95 are designated for this project.		Subtotal: Total Proj	\$10,612 ect Cost:		\$6,687 \$17,299			
New			Program (er Mitigatio		
01-Humboldt-299 R16.1/R16.4 2378 0113000099	Near Blue Lake, from north of Simpson Road to north of Chezem Road at various locations. Install erosion control Storm Water Mitigation measures at three locations.	0E030 2019-20	R/W: Const:	\$19 \$3,008	PA&ED: PS&E: R/W Sup: Con Sup:	\$425 \$880 \$89 \$648	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2018 7/1/2019 8/1/2019 1/1/2020
			Subtotal: Total Proj	\$3,027 ect Cost:		\$2,042 \$5,069			
			Program (Code	201.335 S	torm Wate	er Mitigatio	on	
Carryover			Performan	ice Measu	re 14.3 A	Acre(s) trea	ited/polluta	ınt	



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Dist-Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Capital		Suppo	ort	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)	2021-22	R/W: Const:	\$180 \$4,505	PA&ED: PS&E: R/W Sup: Con Sup:	\$965 \$979	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 8/15/2021 9/1/2021 4/26/2022
	Standards; also install fiber optic communications connection from traffic signals to the Caltrans district office.		Subtotal: Total Proj	\$4,685 ect Cost:		\$4,112 \$8,797			
New			Program (Americans Curb ramp(ilities Act New	Curb Ramps
01-Humboldt-101 75.3/77.6 2346 0112000156	In Eureka, from north of Herrick Avenue Overcrossing to south of the Eureka Slough Bridge. Upgrade curb ramps, sidewalks, and signal push-buttons to Americans with Disabilities Act (ADA) Standards.	0B620 2019-20	R/W: Const:	\$695 \$5,589	PA&ED: PS&E: R/W Sup: Con Sup:	\$462 \$921 \$644 \$660	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2018 2/15/2020 3/1/2020 6/20/2020
	Disabilities Fee (FIDA) standards.		Subtotal: Total Proj	\$6,284 ect Cost:		\$2,687 \$8,971			
Carryover			Program (201.378 In		re	ilities Act Pede	estrian
BRIDGE PRESER	<u>EVATION</u>								
01-Humboldt-101 124.5 2447 0116000109	Near Orick, at 0.2 mile south of Lost Man Creek Bridge. Remove fish passage barrier.	2018-19	R/W: Const:	\$1,523 \$4,919	PA&ED: PS&E: R/W Sup: Con Sup:	\$966 \$644 \$193 \$1,933	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 3/1/2019 3/15/2019 10/15/2019
			Subtotal: Total Proj	\$6,442 ect Cost:		\$3,736 \$10,178			
Carryover			Program (201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabili	itation	
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	0C500 2019-20	R/W: Const:	\$874 \$15,356	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,947 \$3,646 \$268 \$4,325	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 3/1/2020 4/1/2020 8/30/2020
	one bridge, and replace two bridges.		Subtotal: Total Proj	\$16,230 ect Cost:		\$11,186 \$27,416			
Carryover			Program (Code	201.112 E	Bridge Rail	Replacem	ent and Upgrad	le



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Miles	tones
01-Humboldt-96 2449 0116000129	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	0G140 2021-22	R/W: Const:	\$278 \$10,486	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,050 \$2,127 \$110 \$2,242	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 10/5/202 12/15/202 12/1/2022
	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.		Subtotal: Total Proje	\$10,764 ect Cost:		\$5,529 \$16,293			
New			Program C Performan			•	Replacem	ent and Upgrad	e
01-Humboldt-101 79.8/84.7 2376 0113000091	Near Eureka, at various locations from 0.2 miles south of Eureka Slough Bridge to 0.2 miles north of Gannon Slough Bridge. Upgrade bridge rails and replace bridge.	2018-19	R/W: Const:	\$287 \$8,311	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,514 \$63	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/10/201 3/15/201 4/1/201 11/21/201
			Subtotal: Total Proje	\$8,598 ect Cost:		\$5,057 \$13,655			
Carryover			Program C			•	Replacem	ent and Upgrad	e
01-Humboldt-96 2302 0113000109	In Humboldt County, on Routes 96 and 101 at various locations. Seismic retrofit three bridges.	0A120 2019-20	R/W: Const:	\$1,089 \$6,171	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,419 \$1,856 \$171 \$1,948	Prior Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/201 2/1/202 2/15/202 9/1/202
			Subtotal: Total Proje	\$7,260 ect Cost:		\$5,394 \$12,654		1	
Carryover			Program C			Bridge Seis Bridge(s)	smic Restor	ation	
01-Humboldt-101 27.7 2301 0112000211	Near Myers Flat, at South Fork Eel River Bridge No. 04-0123. Seismic retrofit.	0A110 2020-21	R/W: Const:	\$80 \$9,723	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,641 \$2,072 \$218 \$2,267	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/1/201 1/1/202 1/1/202 7/1/202
			Subtotal: Total Proje	\$9,803 ect Cost:		\$9,198 \$19,001			
Carryover			Program C			Bridge Seis Bridge(s)	smic Restor	ation	





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY	ı Miles	tones
01-Humboldt-101 79.5/80.2 2417 0115000088	In Eureka, at the Eureka Slough Bridge No. 04 -0022L. Seismic retrofit.	0F200 2019-20	R/W: Const:	\$3,837 \$3,695	PA&ED: PS&E: R/W Sup: Con Sup:	\$709 \$1,574 \$75 \$1,206	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 2/1/2020 3/1/2020 10/3/2020
			Subtotal: Total Proj e	\$7,532 ect Cost:		\$3,564 \$11,096			
Carryover			Program (Performan			Bridge Seis Bridge(s)	mic Restor	ration	
01-Humboldt-36 17.9/R23.9 2429 0116000014	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), in Lake County on	0F500 2021-22	R/W: Const:	\$3 \$1,480	PA&ED: PS&E: R/W Sup: Con Sup:	\$268 \$757 \$42 \$772	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/15/2020 7/20/2021 9/8/2021 4/11/2022
	Route 29 near Lakeport at Hill Road East Overcrossing No. 14-0039 (PM R43.75), and in Mendocino County on Route 101 near Longval at Long Valley Creek Rest Area Bridge No. 10 -0240Y (PM 61.82). Apply polyester concrete		Subtotal: Total Proje	\$1,483 ect Cost:		\$1,839 \$3,322			
New	overlay or methacrylate treatment to bridge decks.		Program C			Bridge Prev Bridge(s)	ventative M	Iaintenance	
01-Humboldt-101 R17.9/87.8 2400 0115000009	In Humboldt County, at South Fork Eel River Bridge and Separation No. 04-0065, South Fork Eel River Bridge No. 04-0076 (PM 35.5), and Arcata Overhead No. 04-0079R. Strengthen three bridge structures.	0E770 < 2018-19	R/W: Const:	\$1,359 \$10,109	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,010 \$1,355 \$65 \$2,102	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 6/1/2019 6/1/2019 11/14/2019
	unce orage structures.		Subtotal: Total Proje	\$11,468 ect Cost:		\$4,532 \$16,000			
Carryover			Program (rans Perm Bridge(s)	it Requirer	ments for Bridg	es
01-Humboldt-299 R1.5/R2.0 2430 0116000018	Near Arcata, from 1.5 miles east to 2.0 miles east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard vertical clearance.	0F530 2019-20	R/W: Const:	\$31 \$4,028	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$857 \$26 \$1,124	18-19 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 2/4/2020 3/3/2020 8/4/2020
			Subtotal: Total Proje	\$4,059 ect Cost:		\$2,571 \$6,630		•	
New			Program (Code	201.322 T	rans Perm	it Requirer	ments for Bridg	es



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
OADWAY PRE	SEDVATION		-			
01-Humboldt-101 R39.2/R48.3 2422 0115000115	Near Redcrest, from Englewood Park Undercrossing to Eel River Bridge and Overhead. Pavement rehabilitation.	0F360 2018-19	R/W: \$6 Const: \$14,515		Prior Prior	PA&ED: 4/1/2018 R/W Cert: 2/1/2019 RTL: 2/1/2019 Begin Con: 8/1/2019
			Subtotal: \$14,521 Total Project Cost:	\$2,862 \$17,38 3		
Carryover			Program Code Performance Measu	201.121 Pavemen		on (CAPM)
01-Humboldt-101 78.0/79.8 2380 0113000100	In Eureka, on 4th Street from Broadway to Eureka Slough Bridge; also on 5th street from C Street to Eureka Slough Bridge. Pavement rehabilitation.	0E040) 2018-19	R/W: \$21 Const: \$3,135		7 18-19 4 18-19	PA&ED: 5/1/2018 R/W Cert: 3/1/2019 RTL: 3/15/2019 Begin Con: 10/3/2019
			Subtotal: \$3,156 Total Project Cost:	\$1,103 \$4,25 9		
Carryover			Program Code Performance Measu	201.121 Pavemen 7.0 Lane mile		on (CAPM)
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 Const: \$45,355		1 19-20 4 19-20	PA&ED: 8/1/2019 R/W Cert: 11/1/2020 RTL: 11/15/2020 Begin Con: 6/1/2021
			Subtotal: \$45,367 Total Project Cost:	\$5,264 \$50,63 1		
			Program Code Performance Measu	201.121 Pavemen		on (CAPM)
Carryover						
Carryover 01-Humboldt-101 69.9/75.2 2382 0113000009	In and near Eureka, from south of Fields Landing Overhead to north of Herrick Avenue Overcrossing. Roadway rehabilitation.	0C570 2019-20	R/W: \$366 * Const: \$31,243	PA&ED: \$646 PS&E: \$1,258 R/W Sup: \$52 * Con Sup: \$6,696	8 18-19 2 18-19	PA&ED: 10/15/2018 R/W Cert: 1/15/2020 RTL: 2/1/2020 Begin Con: 7/6/2020
01-Humboldt-101 69.9/75.2 2382	Landing Overhead to north of Herrick Avenue		* Const: \$31,243 Subtotal: \$31,609 Total Project Cost:	PS&E: \$1,258 R/W Sup: \$52 * Con Sup: \$6,690 \$8,652 \$40,261	8 18-19 2 18-19 5 19-20	R/W Cert: 1/15/2020 RTL: 2/1/2020



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	oital	Supp	ort	FY	Miles	tones
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	2020-21	R/W: Const:	\$403 \$2,806	PA&ED: PS&E: R/W Sup: Con Sup:	\$878 \$866 \$309 \$909	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 3/1/2021 3/1/2021 8/1/2021
	20.0). Rehabilitate or replace drainage culverts.		Subtotal: Total Proj	\$3,209 ect Cost:		\$2,962 \$6,171			
Carryover			Program (201.151 E	Orainage Sy Culvert(s) (oration	
01-Humboldt-254 6.8/42.1 2270 0100000158	Near Miranda, from 2.3 miles south of Miranda Post Office to 0.9 mile south of Bear Creek Bridge. Upgrade drainage systems.	40950 2018-19	R/W: Const:	\$305 \$1,453	PA&ED: PS&E: R/W Sup: Con Sup:	\$513 \$838 \$151 \$403	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/29/2017 12/1/2018 12/1/2018 7/1/2019
			Subtotal: Total Proj	\$1,758 ect Cost:		\$1,905 \$3,663			
Carryover			Program (201.151 E	Orainage Sy Culvert(s) (oration	
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: Const:	\$920 \$4,268	PA&ED: PS&E: R/W Sup: Con Sup:	\$904 \$958 \$77 \$1,615	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 8/1/2021 8/1/2021 2/1/2022
			Subtotal: Total Proj	\$5,188 ect Cost:		\$3,554 \$8,742			
Carryover			Program (Orainage Sy Culvert(s) (ystem Rest ea)	oration	
MOBILITY									
01-Humboldt-101 79.9/86.1 2418 0115000092	In and near Eureka and Arcata, from south of Cole Avenue to north of Route 255. Operational improvements.	0F220 2018-19	R/W: Const:	\$665 \$8,517	PA&ED: PS&E: R/W Sup: Con Sup:	\$414 \$667 \$114 \$1,650	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/10/2017 2/1/2019 2/15/2019 10/3/2019
			Subtotal: Total Proj	\$9,182 ect Cost:		\$2,845 \$12,027			
Carryover			Program (201.310 C re 98.2 D	•	•	nents of delay (DVH)	D)

(\$1,000)



		(\$	1,000)					-	altrans
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		COS Allocation FY	Miles	tones
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 Guintoli Lane Overcrossing. Construct auxiliary lane to improve merging movements.	0E890 2021-22	R/W: Const:	\$15 \$4,098	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,329 \$90	18-19 18-19 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 11/1/2021 11/1/2021 5/1/2022
			Subtotal: Total Pro	\$4,113 oject Cost:		\$3,973 \$8,086			
			Program	Code		•	ıl Improvem		
New			Performa	ince Measu	re 36 E	Daily vehi	cle hour(s) o	f delay (DVHI	D)
FACILITIES 01-Humboldt-101 2355 0112000229	In Eureka, at the District 1 Materials Laborator located at the District Office complex (1726 Albee Street). Replace District 1 Materials Laboratory (L5731) at alternative site to addreshealth, safety, accessibility, and operational deficiencies.	2020-21	R/W: Const: Subtotal:	\$1,388 \$4,284 \$5,672 sject Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,134 \$1,380 \$567 \$1,702 \$4,783 \$10,455	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 7/1/2020 9/4/2020 2/1/2021
New			Program Performa	Code ance Measu	201.354 N re 1 L	Materials I			
	H	lumboldt	Count	y					
			R/W: Const:	\$21,446 \$286,990	PA&ED: PS&E: R/W Sup: Con Sup:	\$42,192 \$7,822			
			Subtotal:	\$308,436	9	\$150,893			

Total (Capital + Support):

\$459,329

2018 SHOPP Project List Imperial



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
	-	1105 1001	- Cuprum	Биррого		1/21103001103
11-Imperial-Var 1201 1116000095	UCTION In San Diego and Imperial Counties, at various locations, on Routes 7, 8, 78, 79, 86, 94, 98, 111, 115, 186, and 188. Upgrade and install curve warning signs.	42500 2021-22	R/W: \$0 Const: \$1,712		3 20-21 0 2 21-22	PA&ED: 11/16/2020 R/W Cert: 12/6/2021 RTL: 1/13/2022 Begin Con: 10/14/2022
			Total Project Cost:	\$2,98		
New			Program Code Performance Measo	201.015 Collision are 35 Collision	-	uction
11-Imperial-8 R32.4/R46.1 1252 1112000158	In and near El Centro, at various locations on Routes 8 and 111. Pave slopes under structures.	41200 2021-22	R/W: \$0 Const: \$2,070		5 20-21 0	PA&ED: 8/7/2020 R/W Cert: 6/11/2021 RTL: 7/30/2021 Begin Con: 12/30/2021
			Subtotal: \$2,070 Total Project Cost:	\$1,54 \$3,61		
New			Program Code Performance Measo	201.235 Maintena	ance Access	vements/ Freeway
MANDATES						
11-Imperial-98 32.1/32.5 1240 1117000021	In Calexico, from Ollie Avenue to Rockwood Avenue. Construct and upgrade pedestrian curl ramps.	42780 b 2021-22	R/W: \$0 Const: \$2,141	PA&ED: \$16 PS&E: \$65 R/W Sup: \$ Con Sup: \$66	0 19-20 0	PA&ED: 9/23/2019 R/W Cert: 8/13/2021 RTL: 9/3/2021 Begin Con: 1/10/2022
			Subtotal: \$2,141 Total Project Cost:	\$1,48 \$3,62		
New			Program Code Performance Measo			lities Act New Curb Ramp
ROADWAY PRES	<u>SERVATION</u>					
11-Imperial-78 62.3/73.8 1283 1115000052	In Imperial County, from west of Midway Well Road to east of Mitchell Camp Road at various locations. Culvert replacement.		R/W: Const: \$687	PA&ED: \$17 PS&E: \$40 R/W Sup: Con Sup: \$20	9 18-19	PA&ED: 8/23/2018 R/W Cert: 7/18/2019 RTL: 8/26/2019 Begin Con: 4/27/2020
			Subtotal: \$687 Total Project Cost:	\$78 \$1,47		
Carryover			Program Code Performance Measi	201.151 Drainage	-	oration

2018 SHOPP Project List Imperial



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		COS Allocation FY	Milest	ones
11-Imperial-115 L10.4/19.8 0602 1115000053	In Imperial County, from north of Alamo River Bridge to north of Gonder Road. Culvert replacement.	42060 2019-20	R/W: Const:	\$417	PA&ED: PS&E: R/W Sup: Con Sup:	\$165 \$371 \$190	Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2018 6/4/2019 7/8/2019 3/6/2020
			Subtotal: Total Project	\$417		\$726 \$1,143			
			Program Co	ode	201.151 D	rainage Sy	stem Resto	oration	
Carryover			Performanc	e Measu	re 4 C	ulvert(s) (ea)		

Imperia	l County	7		
	R/W:	\$0	PA&ED:	\$1,213
	Const:	\$7,027	PS&E:	\$2,508
			R/W Sup:	\$0
			Con Sup:	\$2,085
	Subtotal:	\$7,027		\$5,806
	Total (Cap	ital + Supp	oort):	\$12,833

2018 SHOPP Project List Inyo

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		(Ψ	1,000)					u	wows	
Dist-Co-Rte Post Mile PPNO		EA			~		COS Allocation	ation		
EFIS	Location/Description	Prog Year	Capital		Support		FY Mil		tones	
COLLISION REI	DUCTION									
09-Inyo-168 16.0/17.7 2617 0914000030	In and near Bishop, from west of Meadow Lane to east of Pioneer Lane. Construct a two-way left turn lane.	36370 2019-20	R/W: Const:	\$0 \$1,238	PA&ED: PS&E: R/W Sup: Con Sup:	\$236 \$545 \$8 \$677	18-19 19-20 18-19 19-20	R/W Cert:	10/31/2018 8/19/2019 11/14/2019 5/20/2020	
			Subtotal: Total Proje	\$1,238 ect Cost:		\$1,466 \$2,704				
New			Program (Performan		201.015 C re 10 C	ollision So		luction		
ROADWAY PRE	SERVATION									
09-Inyo-178 43.4/44.2 0653 0915000002	Near Shoshone, from east of Route 127 to Chicago Valley Road. Replace and install culverts.	36340 2019-20	R/W: Const:	\$800 \$2,210	PA&ED: PS&E: R/W Sup: Con Sup:	\$405 \$620 \$150 \$405	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 3/1/2020 3/20/2020 11/1/2020	
			Subtotal:	\$3,010		\$1,580				
			Total Proj	ect Cost:		\$4,590				
			Program (Code	201.151 D	rainage Sy	ystem Resto	oration		
Carryover			Performan	ce Measu	re 3 C	ulvert(s) (ea)			
ROADSIDE PRES	SERVATION									
09-Inyo-395 37.6 0661 0915000018	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	36490 2021-22	R/W: Const:	\$31 \$1,840	PA&ED: PS&E: R/W Sup: Con Sup:	\$890 \$380 \$100 \$460	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 11/1/2021 11/1/2021 7/1/2022	
	SHOPP construction projects.		Subtotal: Total Proje	\$1,871 ect Cost:		\$1,830 \$3,701				
New			Program (oadside E ocation(s)	nhancemen	t		
		Invo	County							
		myo	County							

Inyo Coun	ty		
R/W:	\$831	PA&ED:	\$1,531
Const:	\$5,288	PS&E:	\$1,545
		R/W Sup:	\$258
		Con Sup:	\$1,542
Subtotal:	\$6,119		\$4,876
Total (C	apital + Sup	port):	\$10,995



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
COLLISION RED	<u> </u>					
06-Kern-46 26.8/47.0 6865 0617000214	In and near Wasco, from 0.7 mile west of Brown Material Road to Scofield Avenue. Install centerline and shoulder rumble strips.	0W410 2018-19	R/W: \$5 Const: \$1,309	PS&E: \$5 R/W Sup:	75 Prior 25 18-19 \$5 18-19 90 18-19	PA&ED: 7/2/2018 R/W Cert: 2/2/2019 RTL: 3/22/2019 Begin Con: 9/26/2019
			Subtotal: \$1,314 Total Project Cost:	· · · · · · · · · · · · · · · · · · ·		
Carryover			Program Code Performance Meas	201.010 Safety lure 17 Collision	Improvements on(s) reduced	
06-Kern-184 L0.9/L1.1 6791 0616000124	Near Lamont, from 0.1 mile south to 0.1 mile north of Sunset Boulevard. Construct roundabout at intersection of Route 184/Sunset Boulevard.	0V280 2019-20	R/W: \$950 Const: \$3,600	PS&E: \$1,3 R/W Sup: \$5		PA&ED: 8/1/2018 R/W Cert: 3/2/2020 RTL: 3/16/2020 Begin Con: 8/1/2020
			Subtotal: \$4,550 Total Project Cost:			
Carryover			Program Code Performance Meas	201.010 Safety lure 16 Collision	Improvements on(s) reduced	
06-Kern-223 21.0/21.3 6709 0614000162	In and Near Arvin, at Derby Street. Install traffic signals.	0S510 2018-19	R/W: \$74 Const: \$1,396	PS&E: \$7 R/W Sup: \$3	48 Prior 75 Prior 45 Prior 30 18-19	PA&ED: 8/10/2015 R/W Cert: 8/15/2018 RTL: 9/1/2018 Begin Con: 3/1/2019
			Subtotal: \$1,470 Total Project Cost:			
Carryover			Program Code Performance Meas	201.010 Safety lure 6 Collision	Improvements on(s) reduced	
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 Upgrade guardrails, end treatments, and bridge transition railings to current standards.		R/W: \$1 Const: \$2,831	PS&E: \$5 R/W Sup: \$	40 18-19 70 19-20 10 19-20 10 20-21	PA&ED: 11/1/2019 R/W Cert: 5/1/2020 RTL: 10/16/2020 Begin Con: 5/15/2021
	amonon runings to current standards.		Subtotal: \$2,832 Total Project Cost:			
New			Program Code Performance Meas	201.015 Collisionure 27 Collisionure 27 Collisionure	on Severity Redon(s) reduced	uction





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Dist- Co-Rte Post Mile PPNO		EA			COS Allocation					
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY	Miles	tones	
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: Const:	\$933 \$1,260	PA&ED: PS&E: R/W Sup: Con Sup:	\$311 \$970 \$620 \$950	18-19 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 7/15/2021 8/15/2021 2/23/2022	
			Subtotal: Total Proje	\$2,193 ect Cost:		\$2,851 \$5,044				
New			Program C		201.015 C re 39 C	Collision So		duction		
06-Kern-178 1.7/6.9 3729 0613000037	In Bakersfield, from M Street to east of Fairfax Road at various locations. Roadside safety improvements.	0E320 2018-19	R/W: Const:	\$2,644	PA&ED: PS&E: R/W Sup: Con Sup:	\$220 \$587 \$10 \$808	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/7/2017 8/1/2018 9/3/2018 2/4/2019	
			Subtotal: Total Proje	\$2,644 ect Cost:		\$1,625 \$4,269				
Carryover			Program C		201.235 N		e Access	ovements/ Free	way	
MANDATES										
06-Kern-58 R53.2/R55.6 6757 0615000003	In Bakersfield, from 0.2 mile west of H Street Overcrossing to 0.2 mile east of Cottonwood Road Undercrossing. Upgrade curb ramps to meet current Americans with Disabilities Act (ADA) Standards.	0T000 2020-21	R/W: Const:	\$100 \$3,226	PA&ED: PS&E: R/W Sup: Con Sup:	\$407 \$1,064 \$865 \$775	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2019 12/2/2020 1/4/2021 7/1/2021	
			Subtotal: Total Proje	\$3,326 ect Cost:		\$3,111 \$6,437				
New			Program C			americans Eurb ramp(oilities Act New	Curb Ramps	
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: Const:	\$337 \$2,845	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,105 \$1,600 \$1,486 \$1,292	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 7/15/2021 8/2/2021 1/20/2022	
	Established Net (1251) Standards.		Subtotal: Total Proje	\$3,182 ect Cost:		\$5,483 \$8,665				
New			Program C			americans Eurb ramp(oilities Act New	Curb Ramps	



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		COS Allocation FY		stones
BRIDGE PRESER	RVATION								
06-Kern-166 17.3/17.7 6726 0615000047	Near Mettler, at California Aqueduct Bridge No 50-0323. Bridge rehabilitation.	. 0S050 2020-21	R/W: Const:	\$1,100 \$30,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,045 \$5,100 \$600 \$6,200	Prior 20-21 20-21 20-21	RTL:	12/1/2018 11/15/2020 3/1/2021 11/15/2021
			Subtotal: Total Pro	\$31,100 ject Cost:		\$12,945 \$44,045			
Carryover			Program Performa	Code nce Measu		Bridge Ma Bridge(s)	jor Rehabili	tation	
06-Kern-5 12.5 6877 0617000225	Near the Grapevine, at the California Aqueduct No. 50-0321L/R. Improve to standard load capacity.	0W460 2018-19	R/W: Const:	\$10 \$1,876	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,910 \$430 \$10 \$725	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2018 7/2/2018 8/1/2018 12/14/2018
			Subtotal: Total Pro	\$1,886 ject Cost:		\$3,075 \$4,961			
Carryover			Program Performa	Code nce Measu		Trans Pern Bridge(s)	nit Requiren	nents for Bridg	ges
06-Kern-99 L0.0/0.6 6876 0617000222	Near the Grapevine, from the Route 5/99 Separation to 2.1 miles south of Route 166 Overcrossing; also on Route 5, at the Route 5/99 Separation Bridge No. 50-0240R. Lower roadway profile to obtain standard vertical	0W430 2018-19	R/W: Const:	\$10 \$7,795	PA&ED: PS&E: R/W Sup: Con Sup:	\$470 \$10	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2018 7/2/2018 8/1/2018 12/14/2018
	clearance.		Subtotal: Total Pro	\$7,805 ject Cost:		\$3,580 \$11,385			
Carryover			Program Performa	Code nce Measu		Trans Pern Bridge(s)	nit Requirem	nents for Bridg	ges
ROADWAY PRES	SERVATION								
06-Kern-184 0.8/8.2 6803 0616000001	Near Bakersfield, from south of Hickory Lane to north of Brundage Lane. Upgrade Americans with Disabilities Act (ADA) curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix	0U290 5 2021-22	R/W: Const:	\$2,230 \$17,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,630	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 8/1/2021 8/16/2021 2/1/2022
	Asphalt (RHMA) pavement.		Subtotal: Total Pro	\$19,930 ject Cost:		\$11,980 \$31,910			
Carryover			Program Performa	Code nce Measu		Roadway I Lane mile(Rehabilitatio	on (3R)	



		(4)	1,000)					- 4	altrans'
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY	ı Miles	tones
06-Kern-184 8.1/12.1 6798 0616000033	· ·	0U430 2020-21	R/W: Const:	\$350 \$7,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,020 \$1,520 \$50 \$1,600	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2019 9/9/2020 10/2/2020 4/11/2021
	pavement to rehabilitate roadway.		Subtotal: Total Proj	\$7,950 ect Cost:		\$4,190 \$12,140			
Carryover			Program (Roadway R	ehabilitatio	on (3R)	
06-Kern-43 0.1/9.3 6755 0615000211	Near Bakersfield, from Route 119 to south of Noriega Road; also on Route 119, from Enos Lane to Route 5 (PM 18.1/19.8). Pavement rehabilitation.	0U100 2019-20	R/W: Const:	\$23 \$12,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$435 \$81 \$650	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 3/2/2020 4/1/2020 11/1/2020
			Subtotal: Total Proj	\$12,723 ect Cost:		\$1,616 \$14,339			
Carryover			Program (Pavement R		on (CAPM)	
06-Kern-46 49.0/50.9 6810 0615000299	In and near Wasco, from Magnolia Avenue to Route 43 South. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA)	0U480 2019-20	R/W: Const:	\$90 \$4,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$710 \$950 \$360 \$900	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/19/2013 4/3/2020 5/1/2020 10/29/2020
	pavement.		Subtotal: Total Proj	\$4,690 ect Cost:		\$2,920 \$7,610			
Carryover			Program (Performan			Pavement R Lane mile(s		on (CAPM)	
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: Const:	\$350 \$8,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,400 \$1,200 \$250 \$1,900	18-19 20-21 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 1/1/2022 3/1/2022 9/1/2022
			Subtotal: Total Proj	\$8,850 ect Cost:		\$4,750 \$13,600			
New			Program (Pavement F Lane mile(s		on (CAPM)	





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	sital	Suppo		COS Allocation FY	ı Miles	tones
06-Kern-204 5.1/6.7 6889 0616000002	In Bakersfield, from F Street to Route 99. Cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	0U490	R/W: Const:	\$10 \$3,290	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$740 \$65 \$550	Prior 18-19 18-19 19-20	PA&ED: R/W Cert:	8/13/201 11/15/201 12/10/201
			Subtotal: Total Proj	\$3,300 ect Cost:		\$1,805 \$5,105			
Carryover			Program (avement R ane mile(s		on (CAPM)	
06-Kern-5 82.0/87.0	Near Kettleman City, from 0.34 mile south of Twisselman Road Overcrossing to Kings	0U470 2019-20	R/W: Const:	\$65 \$21,500	PA&ED: PS&E:	\$440 \$1,200	Prior 18-19	PA&ED: R/W Cert:	8/3/201 9/6/201
6820 0615000301	County line. Cold plane pavement, repair concrete pavement panels, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix				R/W Sup: Con Sup:	\$25 \$1,900	18-19 19-20	RTL: Begin Con:	10/4/20 4/12/202
	Asphalt (RHMA) pavement to rehabilitate roadway.		Subtotal: Total Proje	\$21,565 ect Cost:		\$3,565 \$25,130			
Carryover			Program (201.122 R re 21.0 L	oadway R ane mile(s		on (2R)	
09-Kern-14 R5.7/R12.6 2633 0916000025	In Rosamond and Mojave, from 0.5 mile south of Dawn Road Overcrossing (OC) to 0.5 mile north of Silver Queen Road OC. Rehabilitate lanes and ramps by replacing slabs and grinding lane 1, construct Continuous Reinforced	36740 2019-20	R/W: * Const:	\$22 \$40,515	PA&ED: PS&E: R/W Sup: * Con Sup:	\$370 \$1,460 \$190 \$3,010	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/20 1/3/20 1/23/20 10/15/20
	Concrete Pavement (CRCP) lane 2, cold plane and overlay ramps with Rubberized Hot Mix Asphalt (RHMA-G). Replace guardrail, construct rumble strip, replace signs using retroreflective sheeting, and refresh pavement delineation.		Subtotal: Total Proj. * Construct Program (tion Capit	al and * Con 201.122 R			ase are NOT a	uthorized
Carryover	(G13 Contingency)		Performan			ane mile(s		м (2К)	
06-Kern-99 0.0/11.2 6731 0615000035	In and near Bakersfield, from Route 5 to 0.3 mile north of Old US 99 Overcrossing. Roadway rehabilitation.	0T200 2018-19	R/W: Const:	\$120 \$48,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,160 \$1,600 \$100 \$5,200	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/22/201 1/15/201 5/1/201 1/15/201
			Subtotal: Total Proj	\$48,120 ect Cost:		\$8,060 \$56,180			
Carryover			Program (201.122 R re 33.0 L	oadway R		on (2R)	





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Dist-Co-Rte						cos			
Post Mile PPNO EFIS 06-Kern-99 10.4/21.2 6681 0614000010			Allocation						
	Location/Description	EA Prog Year	Capital	Supp	Support			estones	
	In and near Bakersfield, from 0.5 mile south of Old US 99 Overcrossing to 0.1 mile north of White Lane. Rehabilitate pavement.	0Q920 2019-20		30 PA&ED:	\$700 \$2,300 \$20	Prior Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/201 1/1/202 3/2/202 8/1/202	
	(G13 Contingency)		Subtotal: \$45,4 Total Project Cos * Construction Co	st:	\$7,820 \$53,290 instruction	Support ph	ase are NOT as	uthorized	
Carryover			Program Code Performance Me		201.122 Roadway Rehabilitation (2R) ure 41.4 Lane mile(s)				
06-Kern-Var 6796 0615000294	In Kern and Kings Counties, on Route 99, 198 and 204 at various locations. Upgrade existing pumps and control systems at eleven pumping plants.	0U240 2019-20	R/W: \$1 Const: \$5,0	22 PA&ED: 80 PS&E: R/W Sup: Con Sup:	\$610	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/13/201 11/8/201 11/20/201 5/11/202	
			Subtotal: \$5,2 Total Project Cos		\$5,600 \$10,802				
Carryover			Program Code Performance Me		Orainage S	ystem Rest	oration		
06-Kern-5 5.6/8.8 6749 0613000243	Near Lebec, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems		R/W: \$1 Const: \$5,1	50 PA&ED: 00 PS&E: R/W Sup: Con Sup:	\$375 \$670 \$100 \$690	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/201 2/1/201 3/30/201 11/1/201	
			Subtotal: \$5,2 Total Project Cos		\$1,835 \$7,085				
Carryover			Program Code Performance Me		201.151 Drainage System Restoration 5 Culvert(s) (ea)				
06-Kern-5 R7.5/R9.0 6884 0617000097	In Kern County, from 2.4 miles north of Fort Tejon Overcrossing to 1.2 miles south of Grapevine Undercrossing at four locations. Repair reinforced concrete box culverts.	0W160 2019-20	R/W: \$1 Const: \$8,1	32 PA&ED: 62 PS&E: R/W Sup: Con Sup:	\$29	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/201 2/1/202 3/1/202 9/16/202	
			Subtotal: \$8,2 Total Project Co		\$5,920 \$14,214				
Carryover			Program Code Performance Me		Orainage S	ystem Rest	oration		



		(.	-,,						wowe
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Support		COS Allocation FY	Milestones	
OADSIDE PRE	<u>SERVATION</u>								
06-Kern-99 21.6/24.7 6735 0615000052	In Bakersfield, from Planz Road to north of California Avenue. Upgrade irrigation system to improve water efficiency.	0T280 2018-19	R/W: Const:	\$1 \$1,156	PA&ED: PS&E: R/W Sup: Con Sup:	\$41 \$200 \$3 \$180	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/22/2017 12/1/2018 2/7/2019 7/1/2019
			Subtotal: Total Proj	\$1,157 ect Cost:		\$424 \$1,581			
Carryover			Program (Highway P	Planting Res	toration	
ACILITIES									
09-Kern- 2634 0916000032	In Tehachapi, at the Tehachapi Maintenance Station near Routes 58 and 202 at 320 West Tehachapi Boulevard. Construct a new Tehachapi Maintenance Station at existing or alternative site to replace the old, undersized facility that is in constant need of repairs.	36750 2021-22	R/W: Const: Subtotal:	\$1,001 \$8,867 \$9,868 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$930 \$2,630 \$432 \$2,778 \$6,770 \$16,638	18-19 21-22 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/4/2020 6/23/2022 6/24/2022 1/4/2023
New			Program (Maintenand	ce Facilities		
		Kern	County	7					
			R/W: Const:	\$8,216 \$296,992	PA&ED: PS&E: R/W Sup: Con Sup:	\$35,834 \$9,436			
			Subtotal: Total (Cap			\$113,878 \$419,086			

2018 SHOPP Project List Kings





Dist-Co-Rte								- 4		
Post Mile PPNO EFIS	Logation/Description	EA Prog Year	Caj	vital	Suppo		COS Allocation FY Miles		tonos	
	Location/Description	rrog rear	Cap	oitai	Suppo	лι	ГТ	Willes	tones	
MAJOR DAMAC 06-Kings-VAR 6797 0616000027	GE RESTORATION In Kings and Tulare Counties, on Routes 63, 99,137, 198 and 216. Repair and replace stolen and damaged electrical systems and protect electrical and irrigation facilities. The work is required to restore incident management, emergency readiness, mobility, functionality, and operation efficiency.	0U300 1 2019-20	R/W: Const: Subtotal: Total Proj	,	PA&ED: PS&E: R/W Sup: Con Sup:	\$640 \$1,880 \$1,000 \$1,850 \$5,370 \$20,500	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2017 9/5/2019 10/1/2019 4/8/2020	
Carryover			Program (Performan		201.131 Permanent Restorat re 296 Location(s)					
COLLISION REI	<u>DUCTION</u>									
06-Kings-198 8.3/R19.4 6737 0615000053	In and near Lemoore and Hanford, from Route 41 to 10th Avenue Undercrossing. Pave areas beyond gore and bridge slopes.	0T290 2018-19	R/W: Const:	\$13 \$4,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$950 \$40 \$600	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/24/2017 7/2/2018 7/3/2018 2/4/2019	
			Subtotal: Total Proj	\$4,713 ect Cost:		\$1,940 \$6,653				
Carryover			Program (201.235 N		e Access	vements/ Freev	vay	
06-Kings-198 R19.4/22.5 6799 0616000037	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.		R/W: Const:	\$3 \$3,790	PA&ED: PS&E: R/W Sup: Con Sup:	\$510 \$770 \$35 \$540	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 7/1/2020 8/24/2020 2/15/2021	
	and stope paring at ortages.									
			Subtotal: Total Proj	\$3,793 ect Cost:		\$1,855 \$5,648				
New				ect Cost:	201.235 N	\$5,648 Loadside Sa	e Access	vements/ Freev	way	
New BRIDGE PRESE			Total Proj	ect Cost:	201.235 N	\$5,648 Loadside Salaintenance	e Access	vements/ Freev	way	
	In and near Stratford, from 22nd Street to Laure Avenue at the Kings River Bridge No. 45-0007. Replace 73 year old bridge due to extensive superstructure and substructure distress and		Total Proj	ect Cost:	201.235 N	\$5,648 Coadside Sanintenance cocation(s) \$2,300 \$2,700 \$400	e Access	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2020 9/1/2021 10/1/2021 5/11/2022	
06-Kings-41 30.6/33.0 6873	In and near Stratford, from 22nd Street to Laure Avenue at the Kings River Bridge No. 45-0007. Replace 73 year old bridge due to extensive		Program C Performan	Code ace Measu \$94 \$21,400	201.235 Mre 15 L PA&ED: PS&E: R/W Sup:	\$5,648 Coadside Sanintenance cocation(s) \$2,300 \$2,700 \$400	Prior 19-20 19-20	PA&ED: R/W Cert: RTL:	4/2/2020 9/1/2021 10/1/2021	

2018 SHOPP Project List Kings



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocatior FY	ı Milest	ones
ROADSIDE PRE	SERVATION								
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.	n 0V820 2020-21	R/W: Const: Subtotal: Total Proj	\$7 \$1,550 \$1,557 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$270 \$590 \$22 \$520 \$1,402 \$2,959	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2019 7/3/2020 8/7/2020 2/1/2021
New			Program (201.210 H re 17.9 A		anting Res	toration	
		T 7.0	a .						

Kings Count	y		
R/W:	\$247	PA&ED:	\$4,070
Const:	\$46,440	PS&E:	\$6,890
		R/W Sup:	\$1,497
		Con Sup:	\$9,910
Subtotal:	\$46,687		\$22,367
Total (Ca	pital + Sup _l	port):	\$69,054

2018 SHOPP Project List Lake





5.1/5.7 m 4647 ir	Location/Description CTION Near Upper Lake, from 0.4 mile west to 0.2 nile east of Witter Springs Road. Curve mprovement, shoulder widening, and add lefturn pocket and rumble strips.	EA Prog Year 0G330 2019-20	R/W: Const:	\$234 \$7,441	Suppo		COS Allocation FY	ı Miles	tones
EFIS COLLISION REDUC 01-Lake-20 N 5.1/5.7 rr 4647 ir	CTION Near Upper Lake, from 0.4 mile west to 0.2 nile east of Witter Springs Road. Curve mprovement, shoulder widening, and add left-	Prog Year 0G330	R/W:	\$234		ort	FY	Miles	tones
01-Lake-20 N 5.1/5.7 m 4647 ir	Near Upper Lake, from 0.4 mile west to 0.2 nile east of Witter Springs Road. Curve mprovement, shoulder widening, and add left-				PA&ED				
.0.,				\$7,441	PS&E: R/W Sup:	\$1,463 \$1,877 \$144	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	4/8/2019 4/1/2020 4/15/2020
					Con Sup:	\$1,870	19-20	Begin Con:	12/3/2020
			Subtotal: Total Proj	\$7,675 ect Cost:		\$5,354 \$13,029			
Carryover			Program (Performan		201.010 S re 14 C	afety Impr			
	Near Lower Lake, at various locations. Widen for truck climbing lanes and shoulders.	0E730 2019-20	R/W: Const:	\$459 \$5,646	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,355 \$1,216 \$62 \$2,039	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 9/26/2019 10/15/2019 2/5/2020
			Subtotal: Total Proj	\$6,105 ect Cost:		\$4,672 \$10,777			
Carryover			Program (201.010 S re 45 C	afety Impr			
12.8/14.4 R	Near Lower Lake, from north of Spruce Grove Road to south of Hofacker Lane. Widen houlders.	0E720 2019-20	R/W: Const:	\$502 \$8,813	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,280 \$1,119 \$88 \$2,464	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 10/1/2019 10/15/2019 4/15/2020
			Subtotal: Total Proj	\$9,315 ect Cost:		\$4,951 \$14,266			
Carryover			Program (201.010 S re 18 C	afety Impr Collision(s)			
28.5/31.6 Ju	Near Kelseyville, from north of Route 29/281 unction to north of Route 29/175 Junction. mprove road condition.	29811 2018-19	R/W: Const:	\$9,777 \$38,578	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,000 \$4,638 \$1,920 \$7,137	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/30/2016 12/15/2018 1/15/2019 8/3/2019
			Subtotal: Total Proj	\$48,355 ect Cost:		\$17,695 \$66,050			
Carryover			Program (201.010 S	afety Impr			

2018 SHOPP Project List Lake





		(\$	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY		stones
01-Lake-20 7018 0115000037	In Lake and Mendocino Counties on various routes at various locations. Upgrade guardrail, end treatments, and transition railings to current standards and install vegetation control measures.	0E850 2018-19	R/W: Const:	\$12 \$3,230 \$3,242	PA&ED: PS&E: R/W Sup: Con Sup:	\$742 \$812 \$81 \$1,076	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 2/15/2019 3/1/2019 9/2/2019
			Total Proj			\$5,953			
Carryover			Program (201.015 C re 174 C	Collision So		duction	
RIDGE PRESEI	RVATION								
01-Lake-20 5.8 3107 0116000013	Near Upper Lake, at Bachelor Creek Bridge No 14-0001. Replace multi-plate steel culvert bridge with precast concrete box culverts and wingwalls.	. 0F490 2020-21	R/W: Const:	\$21 \$3,330	PA&ED: PS&E: R/W Sup: Con Sup:	\$577 \$708 \$14 \$595	Prior 18-19 18-19 20-21	R/W Cert: RTL:	12/26/2018 6/24/2019 7/15/2020 12/17/2020
			Subtotal: Total Proj	\$3,351 ect Cost:		\$1,894 \$5,245			
Carryover			Program (201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabil	itation	
01-Lake-20 3098 0113000122	In Lake County, on Routes 20, 29 and 175 at various locations. Replace and upgrade bridge rails on five bridges.	0E080 2019-20	R/W: Const:	\$263 \$5,621	PA&ED: PS&E: R/W Sup: Con Sup:	\$943 \$1,136 \$324 \$1,601	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 7/1/2019 8/15/2019 1/1/2020
			Subtotal: Total Proj	\$5,884 ect Cost:		\$4,004 \$9,888			
Carryover			Program (201.112 B re 853.0 L		Replacem	ent and Upgrad	de
10BILITY									
01-Lake-29 7017 0115000034	In Lake and Mendocino Counties, on Routes 20 29, 101, 175, and 281 at various locations. Upgrade the existing Transportation Management System (TMS) elements to	0E830 2020-21	R/W: Const:	\$30 \$2,087	PA&ED: PS&E: R/W Sup: Con Sup:	\$587 \$852 \$50 \$1,021	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 6/25/2020 8/1/2020 12/17/2020
	improve traffic monitoring and data transmission.		Subtotal: Total Proj	\$2,117 ect Cost:	r.	\$2,510 \$4,627			
Carryover			Program (ransportat	-	ement Systems	3

2018 SHOPP Project List Lake





	(\$3	1,000)						altrans
Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		stones
In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission	0E820 2020-21	R/W: Const:	\$39 \$2,123	PA&ED: PS&E: R/W Sup: Con Sup:	\$618 \$844 \$186 \$1,073	Prior 19-20 19-20 20-21	R/W Cert: RTL:	7/1/2019 6/25/2020 8/1/2020 12/17/2020
uuisiiissioi.		Subtotal: Total Proje	\$2,162 ect Cost:		\$2,721 \$4,883			
		O				·	ement Systems	5
<u>ECTIVE</u>							_	
Near Clearlake Oaks, at the Clearlake Oaks Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging.	0G700 2018-19	* R/W: * Const:			\$230 \$150 \$32 \$133	Prior 18-19 18-19 18-19	R/W Cert: RTL:	12/24/2018 1/15/2019
(PA&ED Only)		•		&E, * R/W S	\$545 \$912 Sup, * Con	Sup phase((s) are NOT av	uthorized
		Program C	Code	201.999 M	MULTIPLI	E OBJECT	IVE	
		Performan	ce Measu	re 1 L	ocation(s)	1		
	Lake	County						
		R/W: Const:	\$11,343 \$77,230	PS&E:	\$13,352			
	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission. ECTIVE Near Clearlake Oaks, at the Clearlake Oaks Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging.	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission. ECTIVE Near Clearlake Oaks, at the Clearlake Oaks Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging. (PA&ED Only)	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission. Program C Performan ECTIVE Near Clearlake Oaks, at the Clearlake Oaks Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging. (PA&ED Only) Subtotal: Total Project * Const: * Total Project * Const: * Total Project * Const: * Const: * Total Project * Const: * C	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission. Program Code Performance Measu	In Lake County, on Routes 20, 29, 53, and 175 at various locations. Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring and data transmission. Program Code Subtotal: \$2,162 Total Project Cost: Program Code 201.315 T Performance Measure 30 F ECTIVE Near Clearlake Oaks, at the Clearlake Oaks Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging. (PA&ED Only) ELake County R/W: \$11,343 PA&ED: Const: \$77,230 PS&E:	Location/Description	Location/Description	Location/Description

Subtotal: \$88,573

Total (Capital + Support):

\$47,057

\$135,630

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2018 SHOPP Project List Lassen







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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	· Cap	sital	Suppo		COS Allocatior FY		tones
	•	Trog Tear	Cup	itui	эцррс	<i>,</i>		Willes	tones
02-Lassen-44 31.9/32.6 3609 0216000005	Near Susanville, from 0.3 mile west to 0.4 mile east of Big Springs Road. Curve improvement.		R/W: Const:	\$104 \$2,896	PA&ED: PS&E: R/W Sup: Con Sup:	\$484 \$645 \$187 \$859	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2017 6/15/2018 7/5/2018 10/23/2018
			Subtotal: Total Proj	\$3,000 ect Cost:		\$2,175 \$5,175			
Carryover			Program (201.010 S re 16 C	afety Impr			
RIDGE PRESEI	RVATION								
02-Lassen-36 7.2/7.4 3512 0213000006	Near Westwood, at Goodrich Creek Bridge No. 07-0048. Replace bridge.	4F560 2019-20	R/W: Const:	\$45 \$3,611	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$1,280 \$60 \$1,419	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2018 8/1/2019 8/14/2019 1/24/2020
			Subtotal: Total Proj	\$3,656 ect Cost:		\$4,259 \$7,915			
Carryover			Program (Bridge Maj	or Rehabili	tation	
DADWAY PRE	SERVATION								
02-Lassen-36 6.1/14.3 3468 0200020287	Near Westwood, from 1.2 miles west of Goodrich Creek Bridge to 1.3 miles west of Willard Creek Road. Rehabilitate roadway.	4E460 2019-20	R/W: Const:	\$1,302 \$22,789	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,650 \$1,600 \$340 \$2,173	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2018 8/1/2019 8/14/2019 1/24/2020
			Subtotal: Total Proj			\$5,763 \$29,854			
Carryover			Program (toadway R	ehabilitatio	on (3R)	
02-Lassen-299 18.5/25.6 3467 0200020286	Near Adin, from west of Boyd Hill Lookout Road to Butte Creek Bridge; also in Modoc County from Ash Creek Bridge to east of County Road 87 (PM 0.0/0.5 and PM 1.0/1.8). Roadway rehabilitation.	4E450 2019-20	R/W: Const:	\$281 \$14,317	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,540 \$1,330 \$280 \$2,150	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/17/2019 1/17/2020 2/21/2020 8/25/2020
	Toughtay Tougonitation.		Subtotal: Total Proj			\$5,300 \$19,898			
Carryover			Program (Loadway R ane mile(s	ehabilitatio	on (3R)	

2018 SHOPP Project List Lassen



(\$1,000)

Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	oital	Suppo		COS Allocation FY		stones
PACILITIES 02-Lassen-299 25.6 3600 0215000106	Near Adin, at the Adin Maintenance Station (L5701). Construct new facility.	1H110 2018-19	R/W: Const:	\$20 \$12,850	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$2,650 \$40 \$3,200	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/29/2017 7/13/2018 3/15/2019 10/15/2019
			Subtotal: Total Proj			\$6,150 \$19,020			
			Program (Code	201.352 N	1aintenan	ce Facilities		
Carryover			Performa	nce Measu	re 1 L	ocation(s)		
		Lassen	County	7					
			R/W:	\$1,752	PA&ED:				
			Const:	\$56,463	PS&E: R/W Sup:	\$7,505 \$907			
			Subtotal:	\$58,215	Con Sup:	\$9,801 \$23,647			

Total (Capital + Support):

\$81,862



		(+	1,000)						wwws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY		tones
MAJOR DAMAGI	E 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: Const:	\$4,900 \$3,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,600 \$2,400 \$950 \$2,750	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/5/2019 11/5/2021 12/13/2021 8/1/2022
			Subtotal: Total Proje	\$8,200 ect Cost:		\$7,700 \$15,900			
Carryover			Program (ermanent	Restoration		
	N.C.T.O.V.								
07-Los Angeles-1 6.0 5239 0717000160	In Long Beach, at Atlantic Avenue. Install protected left-turn signal phases for northbound and southbound movements, and upgrade signa poles, mast arms, and hardware.		R/W: Const:	\$87 \$442	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,040 \$16 \$728	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/20/2017 7/1/2019 9/1/2019 7/1/2020
			Subtotal: Total Proje	\$529 ect Cost:		\$1,784 \$2,313			
Carryover			Program (afety Imp	rovements) reduced		
07-Los Angeles-5 18.3 5153 0716000290	In the City of Los Angeles, at the westbound Route 10 connector to southbound Route 5. Apply High Friction Surface Treatment (HFST and upgrade lighting.	33270 2018-19	R/W: Const:	\$10 \$2,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$215 \$1,152 \$15 \$1,095	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/27/2018 2/19/2019 3/29/2019 3/2/2020
			Subtotal: Total Proje	\$2,610 ect Cost:		\$2,477 \$5,087			
Carryover			Program (afety Imp	rovements) reduced		
07-Los Angeles-10 R12.3/R15.5 5152 0716000287	Near Culver City, from Arlington Avenue to Broadway Street. Replace raised islands on mainline and collector-distributor roads with concrete barrier (Type 60) and install new light from Arlington Avenue to Hoover Street (PM	33260 2019-20 s	R/W: Const:	\$63 \$18,394	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,391 \$3,888 \$276 \$3,544	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/4/2018 2/4/2020 3/18/2020 5/19/2021
	R12.3/14.2). Also install high mast LED lighting at Route 10/110 Interchange.		Subtotal: Total Proje	\$18,457 ect Cost:		\$9,099 \$27,556			
Carryover			Program (afety Imp Collision(s	rovements) reduced		





		(J	1,000)						arrans							
Dist-Co-Rte							cos									
Post Mile PPNO		EA				A	Allocation	o n								
EFIS	Location/Description	Prog Year	Capi	ital	Suppo	ort	FY	Miles	tones							
07-Los Angeles-110 9.7 5084 0716000233	In the city of Los Angeles, at the northbound Route 110 connector to eastbound Route 91. Apply High Friction Bauxite Surface Treatment (HFBST), install high visibility thermoplastic lane and edge lines and upgrade guardrail to	33160 2018-19	R/W: Const:	\$10 \$1,585	PA&ED: PS&E: R/W Sup: Con Sup:	\$304 \$558 \$13 \$756	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/20/2017 7/13/2018 9/20/2018 7/1/2019							
	current standards.		Subtotal: Total Proje	\$1,595 ect Cost:		\$1,631 \$3,226										
Carryover			Program C		201.010 S re 30 C	afety Impr										
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 2019-20		\$4,982 \$25,284 \$30,266 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,835 \$3,735 \$1,318 \$5,390 \$13,278 \$43,544	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/18/2018 5/15/2020 6/1/2020 2/26/2021							
Carryover 07-Los Angeles-110 28.7/29.4 5037 0716000117	In Highland Park and South Pasadena, from south of Avenue 60 to north of Avenue of 64. Place High Friction Surface Treatment (HFST).	32660 2018-19	Program C Performane R/W: Const:		201.010 S re 504 C PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,265 \$15 \$885		PA&ED: R/W Cert: RTL: Begin Con:	1/22/2018 8/17/2018 10/1/2018 8/1/2019							
			Subtotal: Total Proje	\$2,070 ect Cost:		\$2,765 \$4,835										
Carryover			Program C		201.010 S re 436 C	afety Impr										
07-Los Angeles-138 49.5 5155 0716000297	In Palmdale, at the intersection of Avenue R-8. Upgrade traffic signal system, curb ramps and install drainage inlets.	33290 2019-20	R/W: Const:	\$141 \$888	PA&ED: PS&E: R/W Sup: Con Sup:	\$329 \$988 \$140 \$711	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/10/2018 6/19/2019 8/2/2019 3/11/2020							
			Subtotal: Total Proje	\$1,029 ect Cost:		\$2,168 \$3,197										
			Program C	ode	201 010 S	afety Impr	ovements									



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EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
07-Los Angeles-605 23.4/23.6 4963 0716000001	In Irwindale, at the Route 605 northbound ramp to westbound Live Oak Avenue. Realign and widen ramp, construct retaining wall, install concrete barrier and replace guardrail.	31880 2019-20	R/W: Const:	\$1,077 \$3,520	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,232 \$276 \$1,340	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2016 2/18/2020 4/8/2020 7/7/2020
			Subtotal: Total Proje	\$4,597		\$2,848 \$7,445		1 -	
Carryover			Program C		201.010 S re 203 C	afety Impr Collision(s)			
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: Const:	\$10 \$2,090	PA&ED: PS&E: R/W Sup: Con Sup:	\$594 \$1,571 \$12 \$878	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 9/1/2020 10/1/2020 7/30/2021
			Subtotal: Total Proje	\$2,100 ect Cost:		\$3,055 \$5,155			
New			Program C			Collision So	everity Red	luction	
07-Los Angeles-1 3.5 4632 0713000302	In Long Beach, at Lakewood Boulevard (Route 19) and Los Alamitos Traffic Circle. Install pavement delineation, overhead guide signs and associated roadway improvements.	29910 2018-19	R/W: Const:	\$11 \$2,326	PA&ED: PS&E: R/W Sup: Con Sup:	\$478 \$1,028 \$20 \$607	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/10/201 2/28/201 3/29/201 12/18/201
			Subtotal: Total Proje	\$2,337		\$2,133 \$4,470			
Carryover			Program C			Collision Se	everity Red	luction	
07-Los Angeles-2 26.7/79.2 5151 0716000270	In Los Angeles County, in Angeles National Forest, from 0.3 mile east of Bay Tree Road to 0.7 mile west of Big Pines Highway at various locations. Upgrade existing guardrail and install new guardrail, and install stormwater Treatment		R/W: Const:	\$28 \$16,507	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,020 \$2,670 \$20 \$2,600	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 1/20/202 3/20/202 9/28/202
	Best Management Practices (BMPs).		Subtotal: Total Proje	\$16,535 ect Cost:		\$6,310 \$22,845			
New			Program C			Collision Se	everity Red	luction	





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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. Upgrade twenty-seven overhead sign posts, associated	33030	R/W: Const:	\$200 \$4,046	PA&ED: PS&E: R/W Sup: Con Sup:	\$635	18-19 19-20 19-20 21-22	PA&ED: R/W Cert:		
	pedestals, and concrete barriers to current standards to reduce the potential snagging for out of control vehicles.		Subtotal: Total Proj	\$4,246 ect Cost:		\$4,931 \$9,177				
New			Program (Collision S	everity Red	duction		
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: Const:	\$20 \$4,190	PA&ED: PS&E: R/W Sup: Con Sup:	\$10	18-19 18-19 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/17/2020 2/5/2021	
	Standards.		Subtotal: Total Proj	\$4,210 ect Cost:		\$3,673 \$7,883				
New			Program (Collision S	everity Red	duction		
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	31920 2020-21	R/W: Const:	\$10 \$2,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$156 \$400 \$30 \$550	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020 12/1/2020	
	where right shoulder is less than 4 feet.		Subtotal: Total Proj	\$2,310 ect Cost:		\$1,136 \$3,446				
New			Program (Collision S	everity Red	duction		
07-Los Angeles-101 7.7/27.7 4709 0714000035	In the city of Los Angeles, from Highland Avenue to south of Parkway Calabasas. Upgrade median concrete barrier to meet the current standards.	30370 2018-19	R/W: Const:	\$27 \$35,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$4,800 \$27 \$6,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:		
			Subtotal: Total Proj			\$11,377 \$46,704				
			Program (everity Rec	luction		
Carryover			Performan	ice Measu	re 60 (Collision(s)) reduced			



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EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY		stones		
07-Los Angeles-110 18.8/23.8 4785 0714000264	In the city of Los Angeles, from Vernon Avenue to Route 101. Upgrade Metal Beam Guardrail to Midwest Guardrail System, end treatments, and crash attenuators.	2018-19	R/W: Const:	\$25 \$4,520	PA&ED: PS&E: R/W Sup: Con Sup:	\$306 \$2,280 \$45 \$1,357	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/15/2018 3/21/2019		
			Subtotal: Total Proje	\$4,545 ect Cost:		\$3,988 \$8,533					
Carryover			Program C		201.015 C re 13 C	Collision Socialision(s)	-	duction			
07-Los Angeles-5 39.2/R44.4 4975 0716000028	In San Fernando and Sylmar, from Pacoima Wash to Balboa Boulevard. Construct Maintenance Vehicle Pullouts (MVPs), access roads and gates, relocate irrigation facilities, pave beyond gore and under guardrail.	31990 2020-21	R/W: Const:	\$31 \$2,588	PA&ED: PS&E: R/W Sup: Con Sup:	\$495 \$1,322 \$16 \$1,140	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/31/2020 1/29/2021		
			Subtotal: Total Proj o	\$2,619 ect Cost:		\$2,973 \$5,592					
New			Program C		201.235 N		e Access	ovements/ Free	eway		
07-Los Angeles-10 R2.1/R11.1 4715 0714000055	In the cities of Los Angeles and Santa Monica, from Route 1/10 separation bridge to west of Crenshaw Boulevard. Roadside safety improvements.	30420 2018-19	R/W: Const:	\$30 \$5,464	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$1,560 \$48 \$1,100	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/29/2017 2/1/2019 3/1/2019 11/1/2019		
			Subtotal: Total Proje	\$5,494 ect Cost:		\$2,808 \$8,302					
Carryover			Program C		201.235 N		e Access	ovements/ Free	eway		
07-Los Angeles-10 18.3/21.1 4716 0714000058	In the city of Los Angeles, from Route 5 to wes of Route 710. Roadside safety improvements.	t 30430 2018-19	R/W: Const:	\$30 \$2,553	PA&ED: PS&E: R/W Sup: Con Sup:	\$139 \$1,100 \$34	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 2/1/2019 3/1/2019 9/30/2019		
			Subtotal: Total Proje	\$2,583 ect Cost:		\$2,333 \$4,916		•			
Carryover			Program C		201.235 N		e Access	ovements/ Free	eway		



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
07-Los Angeles-14 R24.8/R31.4 4809 0715000007	In and near Santa Clarita, from Route 5 to Canyon Park Boulevard. Construct roadside safety improvements.	31080 2018-19	R/W: Const:	\$30 \$3,152	PA&ED: PS&E: R/W Sup: Con Sup:	\$118 \$1,100 \$48 \$1,400	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 2/1/2019 3/1/2019 11/27/2019
			Subtotal: Total Proj	\$3,182 ect Cost:		\$2,666 \$5,848			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
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 vegetation control under guardrail, minor concrete beyond gore, slope pave beneath abutments, rock blanket at narrow	32000 2020-21	R/W: Const:	\$19 \$3,063	PA&ED: PS&E: R/W Sup: Con Sup:	\$459 \$1,047 \$55 \$954	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 11/30/2020 12/15/2020 8/15/2021
	areas, cable mesh drapery systems and install sign post sleeves beyond gore.		Subtotal: Total Proj	\$3,082 ect Cost:		\$2,515 \$5,597			
New			Program (201.235 N		e Access	ovements/ Free	way
07-Los Angeles-14 R54.6/R66.2 4811 0715000006	In and near Lancaster, from Vincent Ramp Undercrossing to Avenue K 8 Overcrossing. Roadside safety improvements.	31110 2019-20	R/W: Const:	\$30 \$3,257	PA&ED: PS&E: R/W Sup: Con Sup:	\$118 \$1,200 \$48 \$1,430	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2018 8/30/2019 10/1/2019 7/1/2020
			Subtotal: Total Proj	\$3,287 ect Cost:		\$2,796 \$6,083			
			Program (201.235 N	laintenanc	e Access	ovements/ Free	way
Carryover			Performan	ice Measu	re 92 L	ocation(s)			
07-Los Angeles-27 7.9/10.1 4652 0713000314	Near Glenview, from Entrado Drive to Woodland Crest Drive. Enhance highway worker safety by installing weed control under existing guardrail.	29960 2018-19	R/W: Const:	\$1,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$101 \$700 \$10 \$389	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2015 3/9/2017 5/18/2017 12/7/2018
			Subtotal: Total Proj	\$1,100 ect Cost:		\$1,200 \$2,300			
			Program (201.235 N	laintenanc	e Access	ovements/ Free	way
Carryover			Partarma	ice Measu	ro 17 L	ocation(s)			



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EFIS	Location/Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	stones
07-Los Angeles-57 R0.0/5.5 5023 0716000078	In and near Diamond Bar, from Orange County line to 0.1 mile west of Hospital Overcrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas and construct biofiltration swales.	32480 2021-22	R/W: Const:	\$15 \$2,885	PA&ED: PS&E: R/W Sup: Con Sup:	\$183 \$585 \$22 \$666	18-19 19-20 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/21/2020 9/22/2021 10/21/2021 5/2/2022
			Subtotal: Total Proje	\$2,900 ect Cost:		\$1,456 \$4,356			
New			Program (Performan		201.235 N		e Access	ovements/ Free	way
07-Los Angeles-57 R7.7/R11.8 4706 0714000032	In San Dimas and Glendora, from Route 10 to Route 210. Roadside safety improvements.	30180 2018-19	R/W: Const:	\$30 \$2,768	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$1,200 \$48 \$1,150	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/19/2018 2/1/2019 3/1/2019 11/27/2019
			Subtotal: Total Proj e	\$2,798 ect Cost:		\$2,498 \$5,296			
			Program C		201.235 N	1aintenanc	e Access	ovements/ Free	way
Carryover			Performan	ce Measu	re 55 L	ocation(s)			
07-Los Angeles-91 R13.9/R16.6 4714 0714000057	In Long Beach, Bellflower and Cerritos, from 0.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel River Bridge. Roadside safety improvements.	30410 2018-19	R/W: Const:	\$90 \$3,601	PA&ED: PS&E: R/W Sup: Con Sup:	\$99 \$1,720 \$48 \$1,320	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/29/2017 2/1/2019 3/1/2019 11/1/2019
			Subtotal: Total Proje	\$3,691 ect Cost:		\$3,187 \$6,878			
			Program (201.235 N	/aintenanc	e Access	ovements/ Free	way
Carryover			Performan	ice Measu	re 23 L	ocation(s)			
07-Los Angeles-101 R6.2/R9.2 5072 0716000203	In the city of Los Angeles, from Wilton Place Overcrossing to Barham Boulevard Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond gore, replace fencing and gates, install sign post	32960 2021-22	R/W: Const:	\$15 \$3,185	PA&ED: PS&E: R/W Sup: Con Sup:	\$518 \$1,520 \$20 \$1,465	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/15/2020 11/1/2021 12/1/2021 8/1/2022
	sleeves and construct Maintenance Vehicle Pullouts (MVPs).	-	Subtotal: Total Proje	\$3,200 ect Cost:		\$3,523 \$6,723			
			Program C		201.235 N	1aintenanc	e Access	ovements/ Free	way
New			Performan	ice ivieasu	1¢ 142 L	ocation(s)			



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EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	stones	
07-Los Angeles-105 R14.1/R17.2 4893 0715000209	In and near Downey, from Garfield Avenue to east of Woodruff Avenue. Roadside safety improvements.		R/W: Const:	\$30 \$1,301	PA&ED: PS&E: R/W Sup: Con Sup:	\$125 \$900 \$30 \$705	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:		
			Subtotal: Total Proj	\$1,331 ect Cost:		\$1,760 \$3,091				
Carryover			Program (201.235 N		e Access	ovements/ Free	way	
07-Los Angeles-110 3.5/6.0 5214 0716000401	In and near Carson, from West Anaheim Street to E 228th Street. Construct Maintenance Vehicle Pullouts (MVPs), rock blankets, access roads fences/gates, stairways to access slopes, relocate controller cabinets and signs.	33650 2021-22	R/W: Const:	\$42 \$2,128	PA&ED: PS&E: R/W Sup: Con Sup:	\$730 \$1,701 \$46 \$1,129	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/30/2019 7/15/2021 7/30/2021 3/30/2022	
	relocate controller cabillets and signs.		Subtotal:	\$2,170		\$3,606				
			Total Proj	ect Cost:		\$5,776				
			Program (Code	R 201.235 N			ovements/ Free	way	
New			Performan	ce Measu	re 38 L	ocation(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	;	R/W: Const:	\$9 \$2,427	PA&ED: PS&E: R/W Sup: Con Sup:	\$512 \$1,460 \$93 \$964	18-19 19-20 19-20 20-21	R/W Cert: RTL:	12/24/2019 1/26/2021 3/18/2021 12/22/2021	
	and place vegetation control under guardrail.		Subtotal:	\$2,436		\$3,029				
			Total Proj	ect Cost:		\$5,465				
			Program (Code	R 201.235 N	oadside Sa Iaintenanc	afety Impro	ovements/ Free	way	
New			Performan	ice Measu	re 76 L	ocation(s)				
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.	33680 2021-22	R/W: Const:	\$163 \$2,669	PA&ED: PS&E: R/W Sup: Con Sup:	\$659 \$1,677 \$53 \$1,513	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2020 10/1/2021 12/1/2021 7/1/2022	
	and provide access gates.	,	Subtotal: Total Proj	\$2,832 ect Cost:		\$3,902 \$6,734				
No			Program (201.235 N	1aintenanc	e Access	ovements/ Free	way	
New			Performan	ice Measu	re 30 L	ocation(s)				



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EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
07-Los Angeles-118 R9.0/R10.1 4808 0715000004	In Mission Hills, from Woodley Avenue to Route 405. Pave areas beyond gore, install access gates, construct maintenance vehicle and shoulder pullouts, upgrade and relocate irrigation systems.	31070 2018-19	R/W: Const:	\$20 \$2,654	PA&ED: PS&E: R/W Sup: Con Sup:	\$118 \$1,058 \$20 \$1,027	Prior Prior Prior 18-19		6/27/2017 9/28/2018 11/28/2018 5/20/2019
	inguion systems.		Subtotal: Total Proj	\$2,674 ect Cost:		\$2,223 \$4,897			
Carryover			Program (Performan		201.235 N		e Access	ovements/ Free	way
07-Los Angeles-170	In the cities of Los Angeles and North	32970	R/W:	\$41	PA&ED:	\$526	18-19	PA&ED:	8/15/2020
R14.5/R16.6 5073 0716000204	Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access trail, minor	2021-22	Const:	\$3,262	PS&E: R/W Sup: Con Sup:	\$1,313 \$34 \$1,025	20-21 20-21 21-22	R/W Cert: RTL: Begin Con:	11/1/2021 12/1/2021 8/1/2022
	concrete beyond gore and along ramps, rock blanket at ramps, install fencing and gates, vandal resistant pedestrian Undercrossing enclosures.		Subtotal: Total Proj	\$3,303 ect Cost:		\$2,898 \$6,201		1	
New			Program (201.235 N		e Access	ovements/ Free	way
07-Los Angeles-210 R24.6/R25.3 4810 0715000005	In Pasadena, at the Route 134/210/710 Interchange. Roadside safety improvements.	31100 2019-20	R/W: Const:	\$30 \$2,970	PA&ED: PS&E: R/W Sup: Con Sup:	\$118 \$950 \$30 \$990	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/16/2018 9/23/2019 10/21/2019 5/4/2020
			Subtotal:	\$3,000		\$2,088			
			Total Proj			\$5,088			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
•	I D. I. A. II. IM C. D. (20260							12/1/2017
07-Los Angeles-210 R25.0/R32.8 4708 0714000031	In Pasadena, Arcadia and Monrovia, from Route 710 to Huntington Drive. Roadside safety improvements.	e 30360 2018-19	R/W: Const:	\$30 \$2,624	PA&ED: PS&E: R/W Sup: Con Sup:	\$144 \$854 \$31 \$850	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2017 2/1/2019 3/1/2019 9/30/2019
0/14000031			Subtotal: Total Proj	\$2,654 ect Cost:	Con Sup.	\$1,879 \$4,533	10-17	Begin con.	9/30/2019
Carryover			Program (201.235 N		e Access	ovements/ Free	way



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EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Milestones	
07-Los Angeles-210 R32.8/R44.7 4707 0714000030	In the cities of Monrovia, Duarte, Irwindale, Azusa and Glendora, from Huntington Drive to Route 57. Roadside safety improvements.	30190 2018-19	R/W: Const:	\$30 \$5,488	PA&ED: PS&E: R/W Sup: Con Sup:	\$220 \$1,270 \$26 \$1,252	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/20/2017 11/1/2018 12/3/2018 5/17/2019
			Subtotal: Total Proje	\$5,518 ect Cost:		\$2,768 \$8,286			
Carryover			Program C		201.235 N		e Access	ovements/ Free	way
07-Los Angeles-405 7.0/12.9 5000 0716000052	In Long Beach and Carson, from the Route 710/405 Interchange to Route 110/405 Interchange. Construct access roads, pave around gore areas, construct Maintenance Vehicle Pullouts (MVPs), minor/patterned	32180 2021-22	R/W: Const:	\$23 \$2,267	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$1,500 \$60 \$1,200	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	1/6/2020 7/14/2021 9/3/2021 1/7/2022
	concrete paving on slopes, upgrade guardrail and end treatment, vegetation management control.		Subtotal: Total Proje	\$2,290 ect Cost:		\$3,200 \$5,490			
			Program C	Code	R 201.235 N			ovements/ Free	way
New			Performan	ce Measu	re 30 L	ocation(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: Const:	\$29 \$3,806	PA&ED: PS&E: R/W Sup: Con Sup:	\$522 \$1,420 \$102 \$1,311	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 8/2/2021 9/1/2021 3/1/2022
	apg.ado miganon systems.		Subtotal:	\$3,835		\$3,355			
			Total Proje			\$7,190			
			Program (Code	R 201.235 N			ovements/ Free	way
New			Performan	ce Measu	re 61 L	ocation(s)			
07-Los Angeles-605 R0.0/R4.3 5229 0717000074	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: Const:	\$20 \$1,794	PA&ED: PS&E: R/W Sup: Con Sup:	\$498 \$1,219 \$42 \$926	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/11/2020 11/11/2021 1/26/2022 9/1/2022
	cave turing, and gates.		Subtotal: Total Proje	\$1,814 ect Cost:		\$2,685 \$4,499			
			Program (201.235 N			ovements/ Free	way
New			Performan	co Mossu	re 46 I	ocation(s)			



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	n	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY	Miles	tones
07-Los Angeles-605 R17.0/R19.5 4713 0714000056	In and near Industry, from south of Route 60 to Valley Boulevard. Roadside safety improvements.	30400 2018-19	R/W: Const:	\$2,779	PA&ED: PS&E: R/W Sup: Con Sup:	\$168 \$900 \$60 \$1,283	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/5/2017 7/2/2018 8/15/2018 8/1/2019
			Subtotal: Total Proj	\$2,779 ect Cost:		\$2,411 \$5,190			
Carryover			Program (201.235 N			ovements/ Free	way
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), pave narrow and gore areas, install fences/gates.	33050 2021-22	R/W: Const:	\$10 \$2,368	PA&ED: PS&E: R/W Sup: Con Sup:	\$613 \$1,578 \$12	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 9/1/2021 10/1/2021 5/1/2022
			Subtotal: Total Proj	\$2,378 ect Cost:		\$3,456 \$5,834			
New			Program (201.235 N			ovements/ Free	way
MANDATES									
07-Los Angeles-164 1.4/4.0 5193 0716000345	In and near South El Monte, on Rosemead Boulevard (SR-164) from Gallatin Road to Rusl Street. Relinquishment Financial Contribution Only (FCO) to the county of Los Angeles.	33470 h 2018-19	R/W: Const:	\$1,500	PA&ED: PS&E: R/W Sup: Con Sup:			PA&ED: R/W Cert: RTL: Begin Con:	6/27/2017 1/30/2018 5/16/2018 4/30/2018
			Subtotal: Total Proj	\$1,500 ect Cost:		\$1,500			
New			Program (201.160 R	Lelinquishr Centerline 1			
07-Los Angeles-1 8.3/9.9 4913 0715000261	In Los Angeles and Ventura Counties, on various routes, at various locations. Stabilize soil and erosion control.	31770 2019-20	R/W: Const:	\$85 \$1,545	PA&ED: PS&E: R/W Sup: Con Sup:	\$400 \$1,310 \$70 \$772	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/16/2018 8/15/2019 9/30/2019 3/30/2020
			Subtotal: Total Proj	\$1,630 ect Cost:		\$2,552 \$4,182			
							No.		
			Program (Performan		201.335 S		r Mitigatio ted/polluta		





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EFIS	Location/Description	Prog Year	Сар	ital	Supp		FY		tones		
07-Los Angeles-1 17.4/62.8 4722 0714000086	In various cities, from Calle Mayor to Ventura County line; also on Routes 23 and 27, at various locations. Construct storm water treatment Best Management Practices (BMPs).	30490 2018-19	R/W: Const:	\$427 \$4,740	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$1,961 \$62	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2018 2/20/2019 3/29/2019		
			Subtotal: Total Proje	\$5,167 ect Cost:		\$4,514 \$9,681					
Carryover			Program C				er Mitigatio				
· · · · · · · · · · · · · · · · · · ·		20020	D /W/	# 50	DAGED	#00 <i>5</i>	D :	l	0/20/2016		
07-Los Angeles-2 13.1/14.3 4420 0700021024	In Los Angeles County, in various cities on routes 60, 66, 164 and 210 at various locations. Construct and install storm water treatment Best Management Practices (BMPs).	28830 2019-20 t	R/W: Const:	\$50 \$6,790	PA&ED: PS&E: R/W Sup: Con Sup:	\$995 \$2,447 \$95 \$2,200	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/28/2018 11/27/2019 12/13/2019 9/30/2020		
			Subtotal: Total Proje	\$6,840 ect Cost:		\$5,737 \$12,577					
Carryover 07-Los Angeles-10 R4.5/R5.6 5091 0716000254	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	33200 2021-22	Program C Performan R/W: Const:			\$497 \$1,054 \$16	18-19 19-20 19-20 21-22		3/1/2020 9/1/2021 11/1/2021 11/1/2022		
	system and plant vegetation to stabilize soil.		Subtotal: Total Proje	\$1,291 ect Cost:		\$2,595 \$3,886					
New			Program C Performan				er Mitigatio				
07-Los Angeles-10 16.6/30.1 3923 0712000104	In the cities of Los Angeles, Alhambra, El Monte, Monterey Park and Rosemead, from Central Avenue to Cogswell Road; also on Route 405, from Cherry Avenue to South Alameda Street (PM 4.8/8.5). Construct storm	26080 2019-20	R/W: Const:	\$480 \$24,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,305 \$578	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/30/2018 2/12/2020 3/12/2020 8/24/2020		
	water treatment Best Management Practices (BMPs).		Subtotal: Total Proje	\$24,480 ect Cost:		\$12,383 \$36,863					
Carryover			Program C				er Mitigatio				



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EFIS	Location/Description	Prog Year	Capi	ital	Suppo	ort	FY	Milestones			
07-Los Angeles-10 46.0/48.0 4971 0716000024	In Claremont and Pomona, from east of N. Orange Grove Avenue Undercrossing to east of S. Indian Hill Boulevard Undercrossing; also on Route 71, from north of 9th Street to south of Route 60/71 Interchange (PM 1.9/4.7).	31950 2020-21	R/W: Const:	\$94 \$10,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,100 \$2,100 \$200 \$3,400	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 10/1/2020 12/1/2020 8/1/202		
	Construct permanent treatment Best Management Practices (BMPs).		Subtotal: Total Proje	\$10,294 ect Cost:		\$7,800 \$18,094					
New			Program C				er Mitigatio				
07-Los Angeles-60	In and near South El Monte, Industry, Hacienda	32040	R/W:	\$102	PA&ED:	\$1,407	18-19	PA&ED:	7/20/2019		
11.0/20.0	Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install	2020-21	Const:	\$10,168	PS&E:	\$2,999	19-20	R/W Cert:	1/14/202		
4980 0716000040	stormwater quality Best Management Practices (BMPs).				R/W Sup: Con Sup:	\$28 \$2,064	20-21 21-22	RTL: Begin Con:	3/22/202 10/10/202		
	(Bivit 3).		Subtotal:	\$10,270		\$6,498					
			Total Proje	ect Cost:		\$16,768					
			Program C	ode	201.335 S	torm Wate	er Mitigatio	n			
New			Performan	ce Measu	re 52.5 A	cre(s) trea	ted/polluta	nt			
07-Los Angeles-60	In and near Diamond Bar, from Fullerton Road	32500	R/W:	\$28	PA&ED:	\$1,035	18-19	PA&ED:	7/15/201		
20.0/R26.0	to Diamond Bar Boulevard. Construct and	2020-21	Const:	\$5,215	PS&E:	\$2,094	19-20	R/W Cert:	6/15/202		
5025 0716000080	install stormwater treatment Best Management Practices (BMPs) including biofiltration				R/W Sup: Con Sup:	\$27 \$2,188	19-20 20-21	RTL: Begin Con:	7/14/202 1/14/202		
	swales/strips and Gross Solids Removal Devices (GSRDs).	•	Subtotal:	\$5,243		\$5,344					
			Total Proje	ect Cost:		\$10,587					
			Program C	ode	201 335 S	torm Wate	er Mitigatio	ın			
						torin mate	Č				
New			Performan			cre(s) trea	ited/polluta				
New 07-Los Angeles-60	In and near Pomona, from Phillips Ranch Road	32330	O			```	18-19	PA&ED:	9/6/201		
07-Los Angeles-60 R28.0/R30.4	to Reservoir Street. Construct and install	32330 2020-21	Performan	ce Measu	re 39.4 A PA&ED: PS&E:	\$1,200 \$2,865	18-19 19-20	PA&ED: R/W Cert:	12/17/202		
07-Los Angeles-60	to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration		Performano R/W:	ce Measu \$15	re 39.4 A	\$1,200	18-19	PA&ED:	12/17/2020 2/18/202		
07-Los Angeles-60 R28.0/R30.4 5011	to Reservoir Street. Construct and install stormwater treatment Best Management		Performano R/W:	ce Measu \$15	PA&ED: PS&E: R/W Sup:	\$1,200 \$2,865 \$90	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	9/6/2019 12/17/2020 2/18/2021 8/15/2021		
07-Los Angeles-60 R28.0/R30.4 5011	to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration		Performand R/W: Const:	\$15 \$6,078	PA&ED: PS&E: R/W Sup:	\$1,200 \$2,865 \$90 \$2,380	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	12/17/2020 2/18/202		
07-Los Angeles-60 R28.0/R30.4 5011	to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration		R/W: Const:	\$15 \$6,078 \$6,093 set Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$2,865 \$90 \$2,380 \$6,535 \$12,628	18-19 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/17/2020 2/18/2021		



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Dist-Co-Rte Post Mile PPNO	Lagation/Basswintian	EA Buog Voor	Cani	tal	Sunn		COS Allocatior FY		tonos
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: Const:	\$30 \$2,650	PA&ED: PS&E: R/W Sup: Con Sup:	\$420 \$1,010 \$50 \$1,000	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 7/15/2021 9/1/2021 3/1/2022
			Subtotal: Total Project	\$2,680 ct Cost:		\$2,480 \$5,160			
New			Program Co		201.335 S re 19.5 A		er Mitigatio		
07-Los Angeles-101 1.7/6.8 4814 0715000010	In the city of Los Angeles, from Beaudry Avenue to 0.1 mile south of N. Gower Street. Stabilize soil and erosion control.	31140 2018-19	R/W: Const:	\$30 \$4,468	PA&ED: PS&E: R/W Sup: Con Sup:	\$310 \$1,200 \$48 \$1,043	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 2/1/2019 3/1/2019 12/31/2019
			Subtotal: Total Project	\$4,498 ct Cost:		\$2,601 \$7,099			
Carryover			Program Co		201.335 S re 50 A		er Mitigatio		
07-Los Angeles-105 R7.8/R10.3 4908 0715000241	In Willowbrook and Lynwood, from Main Street to Mona Boulevard. Storm water mitigation including planting of vegetation and the installation of irrigation systems.	31740 2018-19	R/W: Const:	\$30 \$2,765	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$890 \$50 \$1,250	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/2/2013 1/15/2019 2/1/2019 8/14/2019
			Subtotal: Total Project	\$2,795 ct Cost:		\$2,340 \$5,135			
Carryover			Program Co				er Mitigatio		
07-Los Angeles-110 3.8/6.5 4174 0700000525	In the cities of Los Angeles and Carson, from L Street to 223rd Street. Construct storm water treatment Best Management Practices.	27610 2018-19	R/W: Const:	\$65 \$9,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$940 \$1,568 \$300 \$1,900	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/15/2018 3/1/2019 3/29/2019 6/25/2019
			Subtotal: Total Project	\$9,965 ct Cost:		\$4,708 \$14,673			
			Program Co				er Mitigatio	_	



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Dist- Co-Rte Post Mile PPNO		EA		_	COS Allocation	
07-Los Angeles-110 13.4/23.1 3279 0714000081	Location/Description In the city of Los Angeles, from 120th Street to 3rd Street at various locations. Construct gross solid removal devices, biofiltration devices and detention basin.	23830 2018-19	Capital R/W: \$10 Const: \$11,000		Prior Prior Prior Prior 18-19	Milestones PA&ED: 3/15/2018 R/W Cert: 12/31/2018 RTL: 2/1/2019 Begin Con: 8/30/2019
			Subtotal: \$11,010 Total Project Cost:	\$4,859 \$15,869		
Carryover			Program Code Performance Meas	201.335 Storm Wa ure 30.8 Acre(s) tre	•	
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	32530 2020-21	R/W: \$55 Const: \$7,945	· · · · · · · · · · · · · · · · · · ·	18-19 19-20 19-20 20-21	PA&ED: 7/1/2019 R/W Cert: 12/17/2020 RTL: 2/18/2021 Begin Con: 9/1/2021
	basin, media filters and a Gross Solids Removal Devices (GSRDs).	I	Subtotal: \$8,000 Total Project Cost:	\$8,370 \$16,370		
New			Program Code Performance Meas	201.335 Storm Wa ure 25.3 Acre(s) tre	•	
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 Const: \$11,750		18-19 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 10/15/2021 RTL: 12/10/2021 Begin Con: 6/24/2022
			Subtotal: \$12,050 Total Project Cost:	\$9,750 \$21,800		
New			Program Code Performance Meas	201.335 Storm Wa	_	
07-Los Angeles-134 2.6/4.8 4816 0715000011	In and near Burbank, from Bob Hope Drive to Victory Boulevard/Riverside Drive. Stabilize soil and erosion control.	31160 2019-20	R/W: \$30 Const: \$2,318		Prior Prior Prior 19-20	PA&ED: 2/1/2018 R/W Cert: 10/1/2019 RTL: 11/1/2019 Begin Con: 9/1/2020
			Subtotal: \$2,348 Total Project Cost:	\$2,318 \$4,666		,
Carryover			Program Code	201.335 Storm Wa	ter Mitigatio	n





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Dist-Co-Rte						cos		
Post Mile PPNO		EA			1	Allocation	n	
EFIS	Location/Description	Prog Year	Capital	Supp	ort	FY	Miles	stones
07-Los Angeles-210 R0.0/R9.7 3884 0714000104	Near Sylmar, San Fernando and Sunland, from Route 5 to Wheatland Avenue. Construct storm water treatment Best Management Practices (BMPs) to reduce Trash Total Maximum Daily Load (TMDL).	25940 2018-19	R/W: \$ Const: \$15,	106 PA&ED: 000 PS&E: R/W Sup: Con Sup:	\$3,600 \$100	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/15/2018 2/15/2019 3/28/2019 1/6/2020
	2000 (11122).		Subtotal: \$15, Total Project Co		\$7,400 \$22,506			
Carryover			Program Code Performance M		Storm Wate Acre(s) trea	-		
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 2019-20		\$30 PA&ED: 662 PS&E: R/W Sup. Con Sup.	\$1,175 \$30	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 9/16/2019 10/1/2019 4/6/2020
			Subtotal: \$3, Total Project Co	692 ost:	\$2,403 \$6,095			
Carryover			Program Code Performance M		Storm Wate Acre(s) trea	-		
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	32310 2021-22	R/W: Const: \$10,	\$37 PA&ED: 045 PS&E: R/W Sup: Con Sup:	\$2,836 \$189	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/30/2019 8/5/2021 9/30/2021 4/15/2022
	and Austin Vault Sand Filters.		Subtotal: \$10,		\$8,013 \$18,095			
New			Program Code Performance M		Storm Wate Acre(s) trea	_		
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)	32260 2021-22		\$61 PA&ED: 149 PS&E: R/W Sup Con Sup	\$2,729 \$242	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	1/30/2020 9/6/2021 10/29/2021 5/16/2022
	including biofiltration swales/strips/trenches, infiltration basins and vault sand filters.		Subtotal: \$7, Total Project Co	210 ost:	\$7,276 \$14,486			
New			Program Code Performance M		Storm Wate Acre(s) trea	-		



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Supp		COS Allocation FY		stones
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. Construct stormwater treatment Best Management Practices (BMPs)	32850 2021-22	R/W: Const:	\$69 \$7,490	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,900 \$2,601 \$160 \$2,800	18-19 19-20 19-20 21-22		11/29/2019 7/5/2021 8/30/2021
	including Gross Solids Removal Devices (GSRDs), biofiltration swales/strips and infiltration trenches.		Subtotal: Total Proje	\$7,559 ect Cost:		\$7,461 \$15,020			
New			Program C				er Mitigatio		
07-Los Angeles-405 40.1/48.6 4978 0716000031	In the cities of Los Angeles, Van Nuys, and San Fernando, from Burbank Boulevard to Route 5/405 Separation. Plant vegetation, install irrigation, concrete paving, rock blankets and mats.	32020 2020-21	R/W: Const:	\$30 \$3,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$610 \$1,590 \$30 \$1,122	18-19 19-20 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/30/2019 11/30/2020 1/15/2021 8/15/2021
			Subtotal: Total Proje	\$3,930 ect Cost:		\$3,352 \$7,282			
New			Program C				er Mitigatio		
07-Los Angeles-605 R0.0/R9.6 4997 0716000048	os Angeles-605 In the cities of Los Alamitos, Cerritos, R0.0/R9.6 Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct	32150 2021-22	R/W: Const:	\$20 \$15,050	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,450 \$3,255 \$25 \$3,556	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2020 12/30/2021 1/31/2022 8/31/2022
	Practices (BMPs) including biofiltration swales/strips, detention basin, Maintenance Vehicle Pullouts (MVPs) and install infiltration devices.		Subtotal: Total Proje	\$15,070 ect Cost:		\$8,286 \$23,356			
New			Program C				er Mitigatio		
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: Const:	\$72 \$8,633	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,593 \$3,402 \$202 \$2,969	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/27/2020 10/5/2021 11/30/2021 6/15/2022
	Tractices (Bill 3).		Subtotal: Total Proje	\$8,705 ect Cost:		\$8,166 \$16,871			
New			Program C				er Mitigatio		



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Dist- Co-Rte Post Mile PPNO		EA			C		COS Allocation		
07-Los Angeles-605 R16.5/R19.5 5234	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 \$12,901	PA&ED: PS&E: R/W Sup:	\$1,500 \$4,550 \$202	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	3/30/2020 11/5/2021 12/30/2021
0717000143	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: Total Proje	\$12,997 ect Cost:	Con Sup:	\$3,320 \$9,572 \$22,569	21-22	Begin Con:	8/15/2022
New			Program C				er Mitigatio		
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	33940 2021-22	R/W: Const:	\$89 \$15,187	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,576 \$3,971 \$237 \$4,308	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/30/2020 12/6/2021 1/31/2022 8/15/2022
	(GSRDs) and a Design Pollution Prevention Infiltration Area.		Subtotal: Total Proje	\$15,276 ect Cost:		\$10,092 \$25,368			
New			Program C				er Mitigatio		
07-Los Angeles-710 23.3/25.6 4717 0714000061	In East Los Angeles, from Route 5 to north of Floral Drive; also on Route 60 (PM R2.9/R3.8), from west of Marina Avenue Pedestrian Overcrossing to Mednick Avenue. Stabilize soi		R/W: Const:	\$30 \$3,425	PA&ED: PS&E: R/W Sup: Con Sup:	\$54 \$910 \$63 \$1,138	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2017 7/9/2018 8/1/2018 2/8/2019
	and erosion control.		Subtotal: Total Proje	\$3,455 ect Cost:		\$2,165 \$5,620			
Carryover			Program C				er Mitigatio		
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: Const:	\$16 \$3,420	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,250 \$50 \$1,250	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/12/2020 9/21/2021 11/23/2021 5/6/2022
			Subtotal: Total Proje	\$3,436 ect Cost:		\$3,150 \$6,586		•	
			Program C				er Mitigatio		
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Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
07-Los Angeles-66 0.0/3.2 4744 0714000177	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.	30650 2018-19	R/W: Const:	\$700 \$2,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$753 \$2,500 \$300 \$2,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 3/12/2019 4/12/2019 9/24/2019
			Subtotal: Total Proje	\$3,600 ect Cost:		\$5,553 \$9,153			
Carryover			Program C			Americans Curb ramp(ilities Act New	Curb Ramp
07-Los Angeles-72 0.0/6.8 5158	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway lanes, Accessible	33310 2021-22	R/W: Const:	\$1,000 \$5,781	PA&ED: PS&E: R/W Sup:	\$900 \$4,000 \$4,600	18-19 20-21 20-21	PA&ED: R/W Cert: RTL:	2/28/2020 3/2/2022 3/17/2022
0716000299	Pedestrian Signals (APS) and push buttons to meet current Americans with Disabilities Act (ADA) Standards.		Subtotal: Total Proje	\$6,781 ect Cost:	Con Sup:	\$2,200 \$11,700 \$18,481	21-22	Begin Con:	11/7/2022
New 07-Los Angeles-107 0.0/4.8 4749	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet	30700 2018-19	R/W: Const:	\$1,055 \$4,546	PA&ED: PS&E:	\$961 \$2,553 \$1,223	Prior Prior Prior	PA&ED: R/W Cert:	2/8/2018 2/15/2019
					R/W Sup:			RTL:	
0714000198	Americans with Disabilities Act (ADA) Standards.		Subtotal:	\$5,601	Con Sup:	\$2,508 \$7,245	18-19	Begin Con:	
	Americans with Disabilities Act (ADA)		Total Proje	ect Cost:	Con Sup:	\$2,508 \$7,245 \$12,846	18-19	Begin Con:	10/1/2019
	Americans with Disabilities Act (ADA)			code	Con Sup:	\$2,508 \$7,245 \$12,846	18-19 with Disab		3/19/2019 10/1/2019
0714000198	Americans with Disabilities Act (ADA)	33370 2021-22	Total Proje	code	Con Sup:	\$2,508 \$7,245 \$12,846	18-19 with Disab	Begin Con:	10/1/2019 Curb Ramp 12/20/2019
0714000198 <i>Carryover</i> 07-Los Angeles-138 43.4/51.4 5185	Americans with Disabilities Act (ADA) Standards. In Palmdale, from Route 14 Junction (South) to Avenue T. Upgrade curb ramps, traffic signals		Program C Performan R/W:	**Code ce Measu	201.361 A re 107 C PA&ED: PS&E: R/W Sup:	\$2,508 \$7,245 \$12,846 Americans Curb ramp(\$695 \$3,795 \$1,401	with Disab s) 18-19 19-20 19-20	Begin Con: ilities Act New PA&ED: R/W Cert: RTL:	10/1/2019 • Curb Ramp 12/20/2019 12/20/2021 2/18/2022
0714000198 <i>Carryover</i> 07-Los Angeles-138 43.4/51.4 5185	Americans with Disabilities Act (ADA) Standards. In Palmdale, from Route 14 Junction (South) to Avenue T. Upgrade curb ramps, traffic signals		Program C Performan R/W: Const:	Sode ce Measu \$703 \$8,385 \$9,088 ect Cost:	201.361 A re 107 C PA&ED: PS&E: R/W Sup: Con Sup:	\$2,508 \$7,245 \$12,846 Americans Eurb ramp(\$695 \$3,795 \$1,401 \$3,225 \$9,116 \$18,204	with Disab (s) 18-19 19-20 19-20 21-22	Begin Con: ilities Act New PA&ED: R/W Cert: RTL:	10/1/2019 • Curb Ramp 12/20/2019 12/20/2021 2/18/2022 10/4/2022



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
07-Los Angeles-164 1.4/6.9 4982 0716000042	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: Const:	\$952 \$5,803	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,034 \$3,150 \$916 \$2,714	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/25/2019 9/29/2021 10/28/2021 4/25/2022
			Subtotal: Total Proj	\$6,755 ect Cost:		\$7,814 \$14,569			
New			Program (Americans		ilities Act New	Curb Ramps
07-Los Angeles-210 R9.7/R51.9 4985 0716000119	In La Crescenta and La Canada Flintridge, from west of Sunland Boulevard to Baseline Road, near the San Bernardino County line. Reconstruct curb ramps to meet Americans with	2021-22	R/W: Const:	\$4,098 \$4,480	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,400 \$7,000 \$2,450 \$7,000	18-19 21-22 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 7/30/2021 8/30/2021 3/1/2022
	Disabilities Act (ADA) Standards, install Accessible Pedestrian Signals (APS), relocate pull boxes and traffic signal poles.		Subtotal: Total Proj	\$8,578 ect Cost:		\$17,850 \$26,428			
New			Program (Americans		ilities Act New	Curb Ramps
07-Los Angeles-213 0.0/8.0 4743 0714000178	In the cities of Rancho Palos Verdes, Lomita and Los Angeles, from W 25th Street to W Carson Street at various locations. Upgrade curt ramps, sidewalks and driveways to meet Americans with Disabilities Act (ADA)	30660 2018-19	R/W: Const:	\$2,300 \$4,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,087 \$3,500 \$750 \$3,500	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 2/15/2019 3/8/2019 9/20/2019
	Standards.		Subtotal: Total Proj	\$6,800 ect Cost:		\$8,837 \$15,637			
Carryover			Program (Americans		ilities Act New	Curb Ramps
DDIDGE DDECED	WATION								
BRIDGE PRESER 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 2018-19	R/W: Const:	\$30,000 \$11,628	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,342 \$2,123 \$740 \$3,100	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proj	\$41,628 ect Cost:		\$8,305 \$49,933			
Carryover			Program (Bridge Maj	or Rehabili	tation	
Carryover			T CI TOT III III	ice ivieusu		mage(s)			



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Mile	stones
07-Los Angeles-10S 28.3 4902 0715000220	In El Monte, at Rio Hondo Busway Bridge No. 53-2637. Replace bridge deck.	31680 2019-20	R/W: Const:	\$15 \$2,553	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$1,346 \$27 \$1,627	Prior 18-19 18-19 19-20	RTL:	9/28/2018 11/27/2019 12/30/2019 7/10/2020
			Subtotal: Total Proje	\$2,568 ect Cost:		\$3,550 \$6,118			
Carryover			Program C		201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabil	itation	
07-Los Angeles-91 R11.8 4967 0716000017	In Long Beach, at the eastbound Route 91 to northbound Route 710 Connector Bridge No. 5: -2241G over connector from northbound Route 710 to eastbound Route 91. Lower profile of connector to achieve standard vertical clearance		R/W: Const:	\$40 \$3,230	PA&ED: PS&E: R/W Sup: Con Sup:	\$910 \$2,468 \$43 \$2,073	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/15/2019 2/15/2021 3/15/2021 4/15/2022
			Subtotal: Total Proje	\$3,270 ect Cost:		\$5,494 \$8,764			
New			Program C Performan		201.110 E	Bridge Maj Bridge(s)	or Rehabil	itation	
07-Los Angeles-101 20.0 4915 0715000277	Near Encino, at Encino Pedestrian Overcrossing. Replace pedestrian overcrossing	31790 2018-19	R/W: Const:	\$1,067 \$6,685	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,033 \$3,205 \$500 \$1,361	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/26/2018 2/21/2019 3/21/2019 9/19/2019
			Subtotal: Total Proje	\$7,752 ect Cost:		\$6,099 \$13,851			
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabil	itation	
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: Const:	\$1,730 \$12,478	PA&ED: PS&E: R/W Sup: Con Sup:	\$669 \$3,482 \$376 \$4,228	18-19 19-20 18-19 21-22	R/W Cert:	11/12/2019 12/31/2021 1/30/2022 8/28/2022
			Subtotal: Total Proje	\$14,208 ect Cost:		\$8,755 \$22,963			
New			Program C		201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabili	itation	



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Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	n
EFIS	Location/Description	Prog Year	Capital	Support	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: \$590 Const: \$18,69		18-19 19-20 19-20 20-21	PA&ED: 10/4/2019 R/W Cert: 11/6/2020 RTL: 1/6/2021 Begin Con: 10/28/2021
			Subtotal: \$19,293 Total Project Cost	*		
New			Program Code Performance Meas	201.110 Bridge Ma	ijor Rehabili	itation
07-Los Angeles-39 R31.2 5298 0718000018	Near Azusa, at the North Fork San Gabriel River Bridge No. 53-2245. Replace bridge.	34340 2018-19	R/W: \$10 Const: \$11,742		18-19 18-19 18-19	PA&ED: 9/20/2017 R/W Cert: 9/3/2018 RTL: 11/1/2018 Begin Con: 8/1/2019
			Subtotal: \$11,752 Total Project Cost			
New			Program Code Performance Meas	201.111 Bridge Sco sure 1 Bridge(s)	our Mitigatio	on
07-Los Angeles-405 0.0 4984 0716000044	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB LA-605 to NB I-405 connector Bridge No. 53-1737H; also in Orange County on I-405 at the SB 405 to NB 605 connector Bridge No. 55-0413F; 12-Ora-405-	2021-22	R/W: \$254 Const: \$15,83	. ,	Prior 19-20 19-20 21-22	PA&ED: 9/15/2019 R/W Cert: 2/16/2022 RTL: 3/20/2022 Begin Con: 11/4/2022
	PM 24.1. 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		Subtotal: \$16,08: Total Project Cost	· ·		
Carryover	(RSP).		Program Code Performance Meas	201.111 Bridge Sco sure 3 Bridge(s)	our Mitigatio	on
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: \$36 Const: \$3,520		18-19 19-20 19-20 20-21	PA&ED: 2/21/2019 R/W Cert: 7/15/2020 RTL: 8/26/2020 Begin Con: 4/1/2021
			Subtotal: \$3,550 Total Project Cost			
New			Program Code Performance Meas	201.112 Bridge Rai	•	ent and Upgrade



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Post Mile PPNO		EA				I	Allocation	ı	
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
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: Const:	\$2,530 \$5,420	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$2,500 \$200 \$2,860	18-19 21-22 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/20/2019 7/15/2021 12/30/2021 2/26/2022
			Subtotal: Total Proj	\$7,950 ect Cost:		\$6,860 \$14,810			
New			Program (201.112 E re 3434.0 L	•	Replacem	ent and Upgrad	le
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 casin to bent columns, retrofit bent foundation and install micro piles.	32590 2021-22 g	R/W: Const:	\$50 \$1,800 \$1,850	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,500 \$400 \$1,500 \$4,100	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 6/15/2021 7/15/2021 1/5/2022
			Total Proj			\$5,950			
New			Program (Bridge Seis Bridge(s)	smic Restor	ation	
07-Los Angeles-91 R10.2/R10.4 4704 0714000024	In Compton, at Compton Creek Bridge Overhead and offramp No. 53-2235 and No. 53-2237S and Artesia-Santa Fe Undercrossing No 53-2238K; also in Long Beach, on Routes 710		R/W: Const:	\$50 \$10,712	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,260 \$3,500 \$150 \$3,500	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/30/2018 2/28/2020 3/30/2020 12/30/2020
	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.		Subtotal: Total Proj	\$10,762 ect Cost:		\$9,410 \$20,172			
Carryover			Program (Bridge Seis Bridge(s)	smic Restor	ation	
07-Los Angeles-134 R13.1 4591 0712000096	In Pasadena, at Orange Grove Boulevard- E134/134 Overcrossing No. 53-2269S; also on Route 710, at Union Street Overcrossing No. 53 -2537 (PM R32.5). Bridge seismic retrofit and	29180 2018-19	R/W: Const:	\$20 \$5,360	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,400 \$63 \$2,000	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/3/2017 7/31/2018 11/2/2018 12/27/2019
	bridge rail upgrade.		Subtotal: Total Proj	\$5,380 ect Cost:		\$4,463 \$9,843		•	
Carryover			Program (Bridge Seis Bridge(s)	smic Restor	ation	



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Dist- Co-Rte Post Mile PPNO		EA			2		COS Allocation		
07-Los Angeles-138 70.3 5035	In and near Palmdale, Azusa and Pomona, at the California Aqueduct Bridge No. 53-2174; also on Route 39, at the San Gabriel River Bridge No. 53-0113 (PM 17.81) and Route 71 at the	Prog Year = 32620 2021-22	R/W: Const:	\$101 \$19,329	PA&ED: PS&E: R/W Sup:	\$1,372 \$4,549 \$488	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	8/1/2019 8/7/2021 10/3/2021
0716000113	Ridgeway Street Undercrossing Bridge No. 53 -2052 (PM R0.92). Seismic retrofit, barrier replacement, paint San Gabriel River Bridge.		Subtotal: Total Proj	\$19,430 ect Cost:	Con Sup:	\$5,686 \$12,095 \$31,525	21-22	Begin Con:	6/10/2022
New			Program (Bridge Seis Bridge(s)	smic Restor	ration	
07-Los Angeles-210 R38.6/R38.9 4788 0714000281	In Los Angeles County, on Routes 210, 405 and 605 at various locations. Bridge seismic retrofit and bridge rail upgrade at five locations.		R/W: Const:	\$130 \$6,395	PA&ED: PS&E: R/W Sup: Con Sup:	\$20	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/22/2017 8/30/2019 11/19/2019 4/10/2020
			Subtotal: Total Proj	\$6,525 ect Cost:		\$2,982 \$9,507			
Carryover			Program (Bridge Seis Bridge(s)	smic Restor	ration	
07-Los Angeles-1 9.9 4729 0714000102	In the city of Los Angeles, at Wilmington Overhead No. 53-0352. Paint and repair bridge deck.	30560 2019-20	R/W: Const:	\$245 \$3,883	PA&ED: PS&E: R/W Sup: Con Sup:	\$305 \$1,237 \$203 \$826	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/11/2018 2/14/2020 3/24/2020 5/4/2020
			Subtotal: Total Proj	\$4,128 ect Cost:		\$2,571 \$6,699		•	
Carryover			Program (Bridge Prev Bridge(s)	ventative M	Iaintenance	
07-Los Angeles-5 34.6 4853 0715000116	In the city of Los Angeles, at Sun Valley Overhead No. 53-1134. Paint bridge and replace deck drain systems.	31420 = 2019-20	R/W: Const:	\$49 \$7,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$200	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/31/2017 7/10/2019 8/20/2019 1/17/2020
			Subtotal: Total Proj	\$7,249 ect Cost:		\$3,700 \$10,949			
_			Program (•	ventative M	f aintenance	
Carryover			Performan	ice ivieasii	re 1 E	Bridge(s)			



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Post Mile PPNO		TF A			Allocation					
EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY	 Miles	tones	
07-Los Angeles-10 28.2/31.0 5067 0716000175	In the city of 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	32830	R/W: Const:	\$1,262 \$8,140	PA&ED: PS&E: R/W Sup: Con Sup:	\$813 \$3,927 \$915	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 1/3/2022 2/1/2022 9/25/2022	
	reinforced concrete closure pours.		Subtotal: Total Proje	\$9,402 ect Cost:		\$9,181 \$18,583				
New			Program C			Bridge Prev Bridge(s)	ventative M	1 aintenance		
07-Los Angeles-10 29.4 5070 0716000182	In El Monte, at Peck Road Undercrossing No. 53-0661. Paint steel portion of bridge for preventative maintenance to preserve and extend the life of bridge.	32870 2021-22 d	R/W: Const:	\$10 \$1,632	PA&ED: PS&E: R/W Sup: Con Sup:	\$141 \$550 \$25 \$522	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2019 1/12/2022 2/17/2022 9/23/2022	
			Subtotal: Total Proje	\$1,642 ect Cost:		\$1,238 \$2,880				
Carryover			Program C			Bridge Prev Bridge(s)	ventative M	l aintenance		
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	32860 2020-21	R/W: Const:	\$27 \$1,340	PA&ED: PS&E: R/W Sup: Con Sup:	\$259 \$891 \$26 \$1,022	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 10/1/2020 12/1/2020 7/30/2021	
	new joint assemblies, apply waterproof coating, replace joint seals and apply methacrylate to Ardis Avenue Overcrossing deck.		Subtotal: Total Proje	\$1,367 ect Cost:		\$2,198 \$3,565				
New			Program C			Bridge Prev Bridge(s)	ventative N	l aintenance		
07-Los Angeles-405 8.8 4721 0714000084	In Carson, at Dolores Yard Overhead No. 53 -1168. Upgrade bridge drainage system.	30480 2019-20	R/W: Const:	\$395 \$1,574	PA&ED: PS&E: R/W Sup: Con Sup:	\$301 \$525 \$203 \$351	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/18/2018 2/14/2020 3/30/2020 1/6/2020	
			Subtotal: Total Proje	\$1,969 ect Cost:		\$1,380 \$3,349				
Carryover			Program C			Bridge Prev Bridge(s)	ventative M	1 aintenance		



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Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
07-Los Angeles-5 27.0/66.5 5281 0717000244	In Los Angeles County, at various locations. Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)	34210 2019-20		PA&ED: \$15,640 * PS&E: \$41,760 * R/W Sup: \$10,980 * Con Sup: \$61,790	Prior 19-20 19-20 19-20	PA&ED: 4/18/2019 R/W Cert: 2/28/2020 RTL: 3/30/2020 Begin Con: 10/30/2020
			Subtotal: \$374,370 Total Project Cost: * Const, * R/W, * PS	\$130,170 \$504,540 &E, * R/W Sup, * Con	ı Sup phase((s) are NOT authorized
Carryover			Program Code Performance Measu	201.322 Trans Pern are 12 Bridge(s)	nit Requiren	nents for Bridges
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 Const: \$2,253	PA&ED: \$508 PS&E: \$1,493 R/W Sup: \$5 Con Sup: \$1,188	18-19 20-21 20-21 21-22	PA&ED: 7/15/2020 R/W Cert: 9/22/2021 RTL: 10/21/2021 Begin Con: 5/22/2022
			Subtotal: \$2,275 Total Project Cost:	\$3,194 \$5,469		
New			Program Code Performance Measu	201.322 Trans Pern re 1 Bridge(s)	nit Requiren	nents for Bridges
07-Los Angeles-60 15.9/19.5 5297 0718000009	In the City of Industry at Hacienda Boulevard Undercrossing (UC) No. 53-1789 (PM 15.93), Stemson Avenue UC No. 53-1784 (PM 16.30), Azusa Avenue Overcrossing No. 53-1785 (PM 17.97) and Fullerton Road UC No. 53-1786	34330 2020-21		PA&ED: \$3,320 * PS&E: \$3,984 * R/W Sup: \$500 * Con Sup: \$8,466	Prior 20-21 20-21 20-21	PA&ED: 10/31/2019 R/W Cert: 5/29/2020 RTL: 6/30/2020 Begin Con: 7/30/2021
	(PM 19.46). Improve freight corridor movemen by modifying and replacing bridges to meet vertical clearance and load carrying capacity standards.	t	Subtotal: \$38,600 Total Project Cost: * Const, * R/W, * PS	\$16,270 \$54,870 &E, * R/W Sup, * Con	ı Sup phase((s) are NOT authorized
Carryover	ACCELERATED BRIDGE (PA&ED Only)		Program Code Performance Measu	201.322 Trans Pern are 4 Bridge(s)	nit Requiren	nents for Bridges
·			1 01 101 11111100 1/101101	. Bridge(s)		
07-Los Angeles-10 31.2/37.2 4712 0714000044	In Baldwin Park and West Covina, from Route 605 to Citrus Avenue. Rehabilitate roadway. (G13 Contingency)	30390 2019-20	R/W: \$147 * Const: \$60,496	PA&ED: \$990 PS&E: \$8,385 R/W Sup: \$23 * Con Sup: \$8,444	Prior 18-19 18-19 19-20	PA&ED: 2/14/2018 R/W Cert: 8/30/2019 RTL: 11/19/2019 Begin Con: 5/7/2020
3,1,300			Subtotal: \$60,643 Total Project Cost: * Construction Capit	\$17,842 \$78,485		ase are NOT authorized
Carryover			Program Code Performance Measu	201.120 Roadway I		on (3R)





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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year			Supp		FY		stones
07-Los Angeles-1 0.0/19.0 4998 0716000049	In and near Redondo Beach, from Orange County line to south of Topaz Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, cold	32160 2021-22	R/W: Const:	\$1,554 \$38,220	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,680 \$4,886 \$920 \$7,684	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/15/201 2/26/202 3/30/202 11/6/202
	plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.		Subtotal: Total Proj	\$39,774 ect Cost:		\$15,170 \$54,944			
Carryover			Program (Pavement F Lane mile(s		on (CAPM)	
07-Los Angeles-1 19.0/33.3 5034 0716000090	In and near Redondo Beach, from Topaz Street to Dewey Street. Upgrade Americans with Disabilities Act (ADA) curb ramps and metal beam guardrail, repair concrete pavement,	32580 2021-22	R/W: Const:	\$1,900 \$45,900	PA&ED: PS&E: R/W Sup:	\$6,770 \$780	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/15/201 2/26/202 3/30/202 12/1/202
0/16000090	replace asphalt concrete pavement with Portland Cement Concrete (PCC) at intersections, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	d	Subtotal: Total Proj	\$47,800 ect Cost:	Con Sup:	\$18,280 \$66,080	21-22	Begin Con.	12/1/202
Carryover			Program (Performan		201.121 F re 104.9 I			on (CAPM)	
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	33360 2021-22	R/W: Const:	\$38 \$19,810	PA&ED: PS&E: R/W Sup: Con Sup:	\$5,000 \$160	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/202 1/5/202 3/1/202 12/1/202
	Street. Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter construct bus pads and replace traffic signals at several locations.		Subtotal: Total Proj	\$19,848 ect Cost:		\$12,060 \$31,908			
New			Program (Pavement F Lane mile(s		on (CAPM)	
07-Los Angeles-5 R59.7/R73.7 5013 0716000064	Near Castaic and Valencia, from 0.2 mile north of Lake Hughes Road Undercrossing to 0.7 mile south of Vista Del Lago Road Overcrossing. Cold plane pavement and place Rubberized Hot Min Applied Control of Cold Plane Pavement (PLIMA).	e 2020-21	R/W: Const:	\$250 \$43,080	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$6,000 \$250 \$7,200	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	
	Mix Asphalt concrete (RHMA), repair drainage systems, and perform upgrades to overhead signs, drainage curbs and guardrail.		Subtotal: Total Proj	\$43,330 ect Cost:		\$13,550 \$56,880			
			Program (on (CAPM)	
Carryover			Performan	ice Measu	re 112.0 I	ane mile(s	s)		



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	·1	Suppo		COS Allocation FY		tones	
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	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		R/W:	\$126 \$4,376	PA&ED: PS&E: R/W Sup: Con Sup:	\$670 \$2,523 \$12 \$1,967	18-19 19-20 19-20 20-21	PA&ED: R/W Cert:	9/15/2019 11/5/2020 12/15/2020 9/5/2021
	Standards, install guardrail and construct bus pads.		Subtotal: STotal Project	\$4,502 Cost:		\$5,172 \$9,674				
New			Program Cod			avement R		on (CAPM)		
07-Los Angeles-27 0.0/4.7 5007 0716000059	In and near Canoga Park, from Pacific Coast Highway to Entrada Road; also near Woodland Crest Drive to near Devonshire Street (PM 10.11/18.62). Cold plane and overlay asphalt pavement, repair damaged structural and	32290 2021-22	R/W: Const: \$3	\$499 30,550	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,593 \$4,405 \$576 \$5,540	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/28/2020 9/21/2021 10/21/2021 7/1/2022	
	upgrade curb ramps to meet Americans with Disabilities Act (ADA) Standards.		Subtotal: \$3 Total Project	31,049 Cost:		\$12,114 \$43,163				
New			Program Cod			avement R		on (CAPM)		
07-Los Angeles-101 11.8/35.3 4770 0714000217	In the cities of Los Angeles, Calabasas and Agoura Hills, from Route 170 to Kanan Road. Rehabilitate pavement, construct and upgrade Americans with Disabilities Act (ADA) curb	30750 2019-20		\$2,389 \$9,995	PA&ED: PS&E: R/W Sup: Con Sup:	\$370 \$2,224 \$124 \$1,607	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/26/2018 12/19/2019 3/19/2020 8/20/2020	
	ramps.		Subtotal: \$1 Total Project	12,384 Cost:		\$4,325 \$16,709				
Carryover			Program Cod Performance			avement R		on (CAPM)		
07-Los Angeles-107 0.0/4.8 4818 0715000014	In Torrance, from Route 1 to Redondo Beach Boulevard. Pavement rehabilitation.	31180 2018-19	R/W: Const: \$1	10,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$137 \$1,289 \$100 \$1,744	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/11/2016 2/15/2019 3/19/2019 10/1/2019	
			Subtotal: \$1 Total Project	10,900 Cost:		\$3,270 \$14,170		•		
			Program Cod					on (CAPM)		
Carryover			Performance	Measu	re 36.2 L	ane mile(s	5)			



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Dist- Co-Rte Post Mile PPNO EFIS 07-Los Angeles-134 0.0/R13.3 4817 0715000013	Location/Description	Capital Support			COS Allocation FY Milestones			
	In the cities of Los Angeles, Burbank, Glendale and Pasadena, from Route 170 to Route 210. Rehabilitate pavement, upgrade guardrail and Americans with Disabilities Act (ADA) curb ramps to current standards.	31170 2018-19		376 PA&ED:	\$973 \$3,800 \$254 \$5,735	Prior Prior Prior 18-19	PA&ED: R/W Cert:	12/15/2017 10/3/2018 12/28/2018
	rumps to current standards.		Subtotal: \$34,4 Total Project Co		\$10,762 \$45,172			
Carryover			Program Code 201.121 Pavement Rehabilitation (CAPM) Performance Measure 112.0 Lane mile(s)					
07-Los Angeles-138 0.0/36.9 4804 0715000001	Near Gorman and Lancaster, from Route 5 to Route 14. Rehabilitate pavement.	31040 2018-19	R/W: \$1 Const: \$21,8	128 PA&ED: 879 PS&E: R/W Sup: Con Sup:	\$510 \$1,810 \$22 \$2,115	Prior Prior Prior 18-19	R/W Cert:	12/14/2018
			Subtotal: \$22,0 Total Project Co		\$4,457 \$26,464			
Carryover			Program Code Performance Mo	201.121 Pa easure 77.0 La	avement Re		on (CAPM)	
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 stabs with Jointed Plain Concrete Pavement (JPCP) rapid	32550 2021-22	R/W: \$2,7 Const: \$16,4		\$1,375 \$6,856 \$138 \$6,242	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2018 8/9/2021 11/8/2021 9/6/2022
	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.		Subtotal: \$19,1 Total Project Co		\$14,611 \$33,742			
Carryover	and upgrade guardran.		Program Code 201.121 Pavement Rehabilitation (CAPM) Performance Measure 39.5 Lane mile(s)					
07-Los Angeles-5 39.2/R43.8 4805 0714000300	In San Fernando, from Route 118 to Route 210. Rehabilitate roadway. (G13 Contingency)	30970 2019-20	R/W: \$1 * Const: \$41,6	120 PA&ED: 600 PS&E: R/W Sup: * Con Sup:	\$1,013 \$5,710 \$150 \$7,421	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 9/27/2019 11/27/2019 6/10/2020
			Subtotal: \$41,7 Total Project Co * Construction Co	ost:	\$14,294 \$56,014 struction S	upport pho	ase are NOT at	uthorized
Carryover			Program Code Performance Me	201.122 Ro easure 46.5 La	oadway Re		on (2R)	



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Dist- Co-Rte Post Mile PPNO EFIS 07-Los Angeles-14 R60.7/R77.0 4887 0715000194	Location/Description	Capital	Support	COS Allocation FY Milestones				
	In 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 Const: \$142,660	PA&ED: \$3,000 PS&E: \$21,200 R/W Sup: \$280 Con Sup: \$25,800	18-19 18-19 18-19 20-21	PA&ED: 4/11/2019 R/W Cert: 9/2/2020 RTL: 11/6/2020 Begin Con: 2/24/2021		
	ramps and darie toop detectors.		Subtotal: \$142,870 Total Project Cost:	\$50,280 \$193,150				
New			Program Code 201.122 Roadway Rehabilitation (2R) Performance Measure 82.4 Lane mile(s)					
07-Los Angeles-57 R0.0/R4.5 4718 0714000067	In and near Diamond Bar, from the Orange County line to Route 60. Pavement rehabilitation.	30450 2018-19	R/W: \$70 Const: \$75,920	PA&ED: PS&E: \$9,900 R/W Sup: \$10 Con Sup: \$13,000	Prior Prior 18-19	PA&ED: 7/26/2017 R/W Cert: 4/10/2019 RTL: 6/10/2019 Begin Con: 2/15/2020		
			Subtotal: \$75,990 Total Project Cost:	\$22,910 \$98,900				
Carryover			Program Code Performance Measu	201.122 Roadway R		n (2R)		
07-Los Angeles-210 R0.0/R9.7 4801 0714000299	In the city of Los Angeles, from Route 5 to North Wheatland Avenue. Rehabilitate roadway.	30960 2018-19	R/W: \$490 Const: \$120,000	PA&ED: \$500 PS&E: \$6,000 R/W Sup: \$500 Con Sup: \$16,500	Prior Prior Prior 18-19	PA&ED: 9/29/2017 R/W Cert: 2/15/2019 RTL: 3/28/2019 Begin Con: 1/6/2020		
			Subtotal: \$120,490 Total Project Cost:	\$23,500 \$143,990				
Carryover			Program Code Performance Measu	201.122 Roadway R		n (2R)		
07-Los Angeles-605 R0.0/R10.2 4979 0716000033	In various cities, from Orange County line to Telegraph Road. Replace structural section on lanes 3 and 4 and other damaged concrete slabs on other lanes. 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)		R/W: \$25 * Const: \$99,810	PA&ED: \$1,960 PS&E: \$9,290 R/W Sup: \$150 * Con Sup: \$24,620	Prior 18-19 18-19 21-22	PA&ED: 2/15/2019 R/W Cert: 10/15/2021 RTL: 2/15/2022 Begin Con: 11/15/2022		
			Subtotal: \$99,835 Total Project Cost: * Construction Capital	\$36,020 \$135,855 al and * Construction	Support pha	use are NOT authorized		



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Dist- Co-Rte Post Mile PPNO		EA				COS Allocation					
EFIS	Location/Description	Prog Year	Cap	Capital S		Support		Miles	Milestones		
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.	a 33960 2021-22	R/W: Const:	\$36 \$24,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,090 \$2,720 \$49 \$3,750	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 11/1/2021 1/1/2022 11/1/2022		
			Subtotal: Total Proje	\$24,636 ect Cost:		\$7,609 \$32,245					
New			Program C		201.150 R re 1 L	ocation(s)		etterments			
07-Los Angeles-1 37.7/62.8 4846 0715000090	In the cities of Los Angeles and Malibu, from south of Tenescal Canyon Road to Ventura County line; also in Ventura County, from Los Angeles County line to Tonga Street (PM	31350 2020-21	R/W: Const:	\$8,200 \$7,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,950 \$3,250 \$1,850 \$2,750	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/30/2018 7/2/2020 4/1/2020 8/3/2020		
	0.0/0.9). Rehabilitate culverts.		Subtotal: Total Proje	\$16,100 ect Cost:		\$9,800 \$25,900		•			
Carryover			Program C Performan		201.151 E re 19 C	Orainage Sy Culvert(s) (oration			
07-Los Angeles-5 11.0/13.9 4910 0715000246	In the cities of Los Angeles, Hollywood, Long Beach and Signal Hill from Simons Underpass to Eastern Avenue; on Routes 101, 405 and 710 at various locations. Replace 9 pump plants.	31750 2018-19	R/W: Const:	\$10 \$4,803	PA&ED: PS&E: R/W Sup: Con Sup:	\$360 \$1,038 \$30 \$1,500	Prior Prior Prior 18-19		12/1/2017 12/31/2018 1/30/2019 8/14/2019		
			Subtotal: Total Proje	\$4,813 ect Cost:		\$2,928 \$7,741					
Carryover			Program C Performan		201.151 E re 9 C	orainage Sy Culvert(s) (oration			
07-Los Angeles-5	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	32490 2020-21	R/W: Const:	\$14 \$5,946	PA&ED: PS&E: R/W Sup: Con Sup:	\$254 \$1,075 \$73 \$1,110	18-19 19-20 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 1/1/2021 2/28/2021 11/30/2021		
19.8/36.0 5024 0716000079	(PM 18.7/21.01). Replace pumps with										
5024	* * * * * * * * * * * * * * * * * * * *		Subtotal: Total Proje	\$5,960 ect Cost:		\$2,512 \$8,472					
5024	(PM 18.7/21.01). Replace pumps with			code	201.151 E	\$8,472		oration			



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Сар	oital	Suppo		FY		tones
07-Los Angeles-5 20.8 5223 0717000053	In the city of Los Angeles, on the northbound connector at the Route 5/110 Separation. Replace compromised 18 inch Reinforced Concrete Culvert (RCP).	33800 2019-20	R/W: Const:	\$10 \$1,654	PA&ED: PS&E: R/W Sup: Con Sup:	\$709 \$2,548 \$123 \$2,462	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2018 9/1/2019 10/1/2019 5/1/2020
			Subtotal: Total Proj	\$1,664 ect Cost:		\$5,842 \$7,506			
Carryover			Program (201.151 D re 1 C	Orainage Sy Culvert(s) (oration	
07-Los Angeles-5 R70.4 4847 0715000092	Near Pyramid Lake, 4.4 miles north of Templin Highway. Remove and replace two sections of damaged reinforced concrete pipe.		R/W: Const:	\$20 \$1,384	PA&ED: PS&E: R/W Sup: Con Sup:	\$180 \$350 \$20 \$970	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2017 7/31/2018 9/10/2018 3/25/2019
			Subtotal: Total Proj	\$1,404 ect Cost:		\$1,520 \$2,924			
Carryover			Program (201.151 D re 1 C	Orainage Sy Culvert(s) (oration	
07-Los Angeles-14 28.9 5219 0717000036	In the City of Santa Clarita, near southbound offramp to Sierra Highway. Replace damaged drainage system that includes seventeen culverts.	33760 2019-20	R/W: Const:	\$10 \$2,719	PA&ED: PS&E: R/W Sup: Con Sup:	\$556 \$1,881 \$23 \$1,262	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 9/3/2019 10/1/2019 5/1/2020
			Subtotal: Total Proj	\$2,729 ect Cost:		\$3,722 \$6,451			
Carryover			Program (201.151 E re 1 C	Orainage Sy Culvert(s) (,	oration	
07-Los Angeles-103 0.1/0.1 5043 0716000126	In Long Beach, at Henry Ford Avenue offramp Construct larger pump plant facility including replacing undersized pumps.	. 32730 2020-21	R/W: Const:	\$1,646 \$22,593	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,586 \$420	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/31/2019 1/15/2021 3/30/2021 10/1/2021
			Subtotal: Total Proj			\$8,158 \$32,397			
			Program (201.151 E			oration	
New			Performan	ice Measu	re 2C	Culvert(s) (ea)		



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Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Support		FY	Miles	tones
07-Los Angeles-110 11.0 4849 0715000095	Near Gardena, south of Redondo Beach Boulevard. Replace culvert.	31380 2018-19	R/W: Const:	\$50 \$2,820	PA&ED: PS&E: R/W Sup: Con Sup:	\$110 \$1,325 \$20 \$1,200	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/17/2018 2/28/2019 3/29/2019 3/13/2020
			Subtotal: Total Proje	\$2,870 ect Cost:		\$2,655 \$5,525			
Carryover			Program C		201.151 D	Orainage Sy Sulvert(s) (oration	
07-Los Angeles-134 R6.3/R8.2 4848 0715000093	In Glendale, from east of Concord Street Overcrossing to west of Chevy Chase Drive Undercrossing at three locations. Restore culvert systems.	31370 2018-19	R/W: Const:	\$10 \$1,810	PA&ED: PS&E: R/W Sup: Con Sup:	\$200 \$1,200 \$50 \$1,175	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/19/2017 7/31/2018 9/10/2018 3/25/2019
			Subtotal: Total Proje	\$1,820 ect Cost:		\$2,625 \$4,445			
Carryover			Program C		201.151 D re 3 C	orainage Sy Culvert(s) (oration	
07-Los Angeles-213 2.7/3.9 3734 0700000457	In Rancho Palos Verdes, from Caddington Drive to Peninsula Verde Drive. Replace two damaged drainage systems.	25310 2019-20	R/W: Const:	\$260 \$1,662	PA&ED: PS&E: R/W Sup: Con Sup:	\$234 \$923 \$310 \$423	Prior Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/28/2020 3/30/2020
			Subtotal: Total Proje	\$1,922 ect Cost:		\$1,890 \$3,812			
Carryover			Program C		201.151 D re 3 C	Orainage Sy Sulvert(s) (oration	
07-Los Angeles-710 23.6/26.3 4845 0715000089	In the cities of Los Angeles and Monterey Park, from Olympic Boulevard to Ramona Boulevard Rehabilitate culverts.		R/W: Const:	\$50 \$1,207	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$155 \$47 \$205	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2017 1/11/2019 4/30/2019 9/30/2019
			Subtotal: Total Proje	\$1,257 ect Cost:		\$507 \$1,764			



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Dist-Co-Rte							COS		
Post Mile PPNO		EA				1	Allocation	1	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY		tones
07-Los Angeles-1 35.1/35.4 4903 0715000227	In Santa Monica, at McClure Tunnel Bridge No. 53-0008. Enhance safety lighting inside tunnel.	. 31690 2018-19	R/W: Const:	\$15 \$5,180	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$592 \$50 \$1,903	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/201 10/9/2013 11/30/2013 6/14/2019
			Subtotal: Total Proj	\$5,195 ect Cost:		\$2,695 \$7,890			
Carryover			Program (igns and L		habilitation	
07-Los Angeles-10 2.2/48.3 5201 0716000363	In Los Angeles County, from 4th Street Overcrossing to San Bernardino County line. Replace sign panels and remove overhead sign lighting and catwalks.	33530 2020-21	R/W: Const:	\$50 \$7,823	PA&ED: PS&E: R/W Sup: Con Sup:	\$588 \$2,700 \$60 \$1,900	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/23/2019 10/1/2020 10/16/2020 5/14/2021
			Subtotal: Total Proj	\$7,873 ect Cost:		\$5,248 \$13,121			
New			Program (-	ighting Re	habilitation	
07-Los Angeles-60 0.0/R30.5 4906 0715000237	In various cities, from Route 5 to San Bernardino County line; also on Route 710, from Ocean Boulevard to Valley Boulevard (PM 5.6/T27.4). Replace existing signs with retro-reflective sheeting.	31730 2019-20	R/W: Const:	\$15 \$2,665	PA&ED: PS&E: R/W Sup: Con Sup:	\$398 \$1,081 \$5 \$1,156	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/24/2018 1/10/2020 2/28/2020 1/27/2021
	reno-reneenve sneemig.		Subtotal: Total Proj	\$2,680 ect Cost:		\$2,640 \$5,320			
Carryover			Program (igns and L		habilitation	
07-Los Angeles-110 0.0/31.9 5074 0716000206	In various cities, from 9th Street/Gaffey Street to end of freeway. Replace sign panels with retroreflective sheeting ASTM Type XI, remove overhead lighting and catwalks.	32980 2020-21	R/W: Const:	\$10 \$5,360	PA&ED: PS&E: R/W Sup: Con Sup:	\$418 \$2,342 \$21 \$1,573	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/16/2020 1/15/2021 3/18/2021 10/26/2021
			Subtotal: Total Proj	\$5,370 ect Cost:		\$4,354 \$9,724		•	





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Dist-Co-Rte Post Mile PPNO		EA					COS Allocation				
EFIS	Location/Description	Prog Year	Capit	al	Suppo	ort	FY	Miles	tones		
MOBILITY 07-Los Angeles-110 31.0/31.0 5196	In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp. Widen ramp from two lanes to four lanes. The city of South	33520 2021-22	R/W: Const:	\$1	PA&ED: PS&E: R/W Sup:	\$1,400 \$2,372	18-19 20-21	PA&ED: R/W Cert: RTL:	3/1/2020 6/30/2021 8/1/2021		
0716000355	Pasadena will Advertise, Award, and Administer (AAA) the project construction contract.		Subtotal: Total Project	\$1 t Cost:	Con Sup:	\$3,772 \$3,773		Begin Con:	4/20/2022		
New			Program Coo			•	Improvem le hour(s) o	ents of delay (DVH)	D)		
07-Los Angeles-405 39.1 2681 0717000022	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.	20490 2021-22	R/W: Const:	\$29 \$3,120	PA&ED: PS&E: R/W Sup: Con Sup:	\$785 \$1,918 \$141 \$1,343	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/23/2020 9/21/2021 10/21/2021 7/15/2022		
			Subtotal: Total Project	\$3,149 t Cost:		\$4,187 \$7,336					
New			Program Coo			•	I Improvem	ents of delay (DVH)	D)		
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	32720 2020-21	R/W: Const: \$	\$327 617,264	PA&ED: PS&E: R/W Sup: Con Sup:	\$539 \$3,159 \$43 \$3,284	Prior 18-19 18-19 20-21	R/W Cert:	12/15/2018 8/22/2020 10/15/2020 5/13/2021		
	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		Subtotal: \$ Total Project	517,591 t Cost:		\$7,025 \$24,616					
Carryover	Route 10, Route 101 and Route 105.		Program Coo			ransportat	_	ement Systems			
07-Los Angeles-60 R0.6/11.8 5040 0716000120	In and near the city of Los Angeles, from EB 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	32710 2020-21	R/W: Const:	\$153 \$6,674	PA&ED: PS&E: R/W Sup: Con Sup:	\$30 \$1,028 \$45 \$1,450	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 8/21/2020 10/21/2020 5/22/2021		
	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.		Total Project		201 215	\$2,553 \$9,380		10			
Carryover			Program Coo			ransportat ield eleme	•	ement Systems			





		(2	1,000)					- 4	altrans'	
Dist- Co-Rte Post Mile PPNO		EA			COS Allocation					
EFIS	Location/Description	Prog Year	· Capital		Suppo	ort	FY	Milestones		
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,	33860 2021-22	R/W: Const: \$1	\$590 0,851	PA&ED: PS&E: R/W Sup: Con Sup:	\$511 \$2,630 \$150 \$2,237	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/12/2018 8/3/2021 1/3/2022 8/1/2022	
	data transmission, and network connectivity including the various communication hubs on Route 2, Route 5, and Route 405.		Subtotal: \$1 Total Project	1,441 Cost:		\$5,528 \$16,969				
Carryover			Program Code			ransportat	-	ement Systems	3	
07-Los Angeles-101 0.0/R17.1 5221	In various ciites, 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)	33780 2021-22	R/W: Const: \$	\$13 9,718	PA&ED: PS&E: R/W Sup:	\$438 \$3,008 \$162	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	7/15/2018 9/3/2021 1/3/2022	
0717000054	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.		Subtotal: \$ Total Project (9,731 Cost:	Con Sup:	\$1,863 \$5,471 \$15,202	21-22	Begin Con:	8/1/2022	
Carryover			Program Code Performance			ransportat		ement Systems	3	
07-Los Angeles-110 0.7/25.7 4830 0715000051	In the cities of San Pedro, Carson, Gardena and Los Angeles, from Gaffey Street to Route 5; also on Route 2 at the Transportation Management Center (TMC) Building (PM 18.7), Route 5 at Route 10 Interchange (PM	31200 2018-19	R/W: Const: \$2	\$702 9,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$20 \$3,720 \$105 \$5,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/30/2017 7/13/2018 2/20/2019 8/15/2019	
	16.9) and Route 405 at Route 105 Interchange (PM 21.3). Upgrade and completion of Transportation Management System (TMS).		Subtotal: \$2 Total Project	9,702 Cost:		\$8,845 \$38,547				
Carryover			Program Code			ransportat	_	ement Systems	3	
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	33500 2020-21	R/W: Const: \$	\$10 1,373	PA&ED: PS&E: R/W Sup: Con Sup:	\$40 \$200 \$300	Prior 18-19 20-21	R/W Cert:	12/28/2018 7/21/2020 10/21/2020 4/22/2021	
	(PM R18.7). Install wireless Bluetooth [™] detection system to monitor travel time.		Subtotal: \$ Total Project	1,383 Cost:		\$540 \$1,923		1		
			Program Code			ransportat	-	ement Systems	3	



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Dist-Co-Rte							cos		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Cap	pital	Suppo	ort	FY	Miles	tones
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	33790 2021-22	R/W: Const:	\$13 \$7,559	PA&ED: PS&E: R/W Sup: Con Sup:	\$454 \$2,840 \$154 \$1,953	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2018 8/3/2021 1/3/2022 8/1/2022
	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		Subtotal: Total Proj			\$5,401 \$12,973			
Carryover			Program (Performan			ransportat	_	ement Systems	
07-Los Angeles-605 R0.0/26.0 4819 0715000016	In various cities, from Orange County line to Route 210; also on Route 2 at the Transportation Management Center (TMC) (PM R18.7) and Route 5 (PM 6.8). Upgrade Transportation	31190 on 2018-19	R/W: Const:	\$10,562	PA&ED: PS&E: R/W Sup: Con Sup:	\$20 \$2,299 \$2 \$2,490	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/9/2015 2/1/2019 3/5/2019 2/27/2020
	Management System (TMS).		Subtotal: Total Proj	\$10,562 ject Cost:		\$4,811 \$15,373			
Carryover 07-Los Angeles-5 R54.4/R54.8	In Santa Clarita, from 0.4 mile north of Rye Canyon Road to 1.4 miles south of Route 5/126	32880 5 2020-21	Program (Performan R/W: Const:		re 115 F PA&ED: PS&E:	\$550 \$2,000	18-19 19-20	PA&ED:	9/15/2019
5071 0716000183	Interchange. Replace office structure and inspection enclosure and upgrade floor slab lighting with LED lighting.		Subtotal:	\$860	R/W Sup: Con Sup:	\$20 \$1,200 \$3,770	19-20 20-21	RTL: Begin Con:	8/20/2020 5/15/2021
			Total Proj	ject Cost:		\$4,630			
New			Program (201.321 V re 1 L	Veigh Stat			
07-Los Angeles-405 42.9 4724 0714000097	In Van Nuys, near Saticoy Street. Replace and install Weigh-in-Motion (WIM) system.	30510 2018-19	R/W: Const:	\$2,195	PA&ED: PS&E: R/W Sup: Con Sup:	\$528 \$983 \$12 \$890	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 12/7/2018 1/4/2019 8/12/2019
			Subtotal: Total Proj	\$2,195 ject Cost:		\$2,413 \$4,608		•	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	Capital		ort .	COS Allocation FY	n Milestones	
ROADSIDE PRES	EDVATION								
07-Los Angeles-210 15.6/22.6 5080 0716000217	In La Crescenta and La Canada Flintridge, from Lowell Avenue to Arroyo Boulevard. Restore existing irrigation to functionality, upgrade remaining older irrigation controllers to web connect "smart controllers."	33070 2020-21	R/W: Const:	\$10 \$3,528	PA&ED: PS&E: R/W Sup: Con Sup:	\$375 \$1,077 \$20 \$1,383	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/18/2020
			Subtotal: Total Proje	\$3,538 ect Cost:		\$2,855 \$6,393			
New			Program C			ighway P	lanting Res	toration	
FACILITIES									
07-Los Angeles-101 5287 0717000277	In the city of Los Angeles, at the Caltrans District 7 headquarters office building, 100 S. Main Street. Repair damaged roof.	34240 2018-19	R/W: Const:	\$2,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$10 \$450	18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2017 7/15/2018 8/15/2018 12/15/2018
			Subtotal: Total Proje	\$2,300 ect Cost:		\$910 \$3,210			
New			Program C		201.353 O re 1 L	office Faci			
07-Los Angeles-101 5379 0718000042	In the city of Los Angeles, at the Caltrans District 7 headquarters office building, 100 S. Main Street. Replace and upgrade three hot water heater (boilers) units.	34400 2018-19	R/W: Const:	\$770	PA&ED: PS&E: R/W Sup: Con Sup:	\$50 \$100	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/25/2017 8/30/2018 8/30/2018 2/28/2019
			Subtotal: Total Proje	\$770 ect Cost:		\$150 \$920			
New			Program C		201.353 O re 1 L	office Faci			
MULTIPLE OBJE 07-Los Angeles-5 0.8 5159 0716000301	In Kern County, at the Tejon Safety Roadside Rest Area (SRRA) (PM 0.8). Install concrete pavement solar panels along the rest area shoulders.	33320 2020-21	R/W: Const:	\$61 \$2,739	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$340 \$20 \$340	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/3/2019 8/3/2020 9/2/2020 5/1/2021
			Subtotal: Total Proje	\$2,800 ect Cost:		\$1,200 \$4,000			
New			Program C			MULTIPLI ocation(s)	Е ОВЈЕСТІ	VE	

(\$1,000)



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		COS Allocation FY	ı Miles	tones
07-Los Angeles-5 14.7/26.9 5157 0716000298	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 10 (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 Management System (TMS), construct highway worker safety features.		R/W: Const: Subtotal: Total Proj	\$147 \$16,927 \$17,074 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$2,800 \$25 \$4,100 \$7,575 \$24,649	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/9/2019 1/31/2022 2/28/2022 9/30/2022
New			Program (Performan			MULTIPLE ocation(s)	Е ОВЈЕСТІ	IVE	

Los Angeles County

R/W: \$241,841 PA&ED: \$128,338 Const: \$1,929,663 PS&E: \$417,522

R/W Sup: \$45,399 Con Sup: \$480,247

 Subtotal: \$2,171,504
 \$1,071,506

 Total (Capital + Support):
 \$3,243,010

2018 SHOPP Project List Madera





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Dist- Co-Rte Post Mile PPNO		EA	r Capital		G.		COS Allocation		
EFIS	Location/Description	Prog Year	Capi	ıtal	Supp	ort	FY	Miles	tones
<u>BRIDGE PRESEI</u>	RVATION								
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: Const:	\$137 \$24,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,400 \$3,200 \$100 \$6,100	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2020 7/7/2021 7/26/2021 3/2/2022
			Subtotal: Total Proje	\$24,637 ect Cost:		\$11,800 \$36,437			
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabili	tation	
06-Madera-99 9.7 6887 0616000206	Near the city of Madera, at South Gateway Drive Overcrossing No. 41-0046K. Replace bridge railing, grind deck, and place reinforced Portland Cement Concrete (PCC) to rehabilitate bridge.	0U170 2019-20	R/W: Const:	\$30 \$2,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$1,600 \$1 \$1,300	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/15/2019 4/2/2020 5/1/2020 10/28/2020
			Subtotal: Total Proje	\$2,730 ect Cost:		\$3,851 \$6,581			
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabili	tation	
ROADWAY PRE	SERVATION								
06-Madera-41 6.3/9.2 6708 0614000058	Near Fresno, from north of Avenue 15 to south of Route 145. Roadway rehabilitation. Additional \$22,000 from Local/Private contribution.	0R210 2019-20	R/W: Const:	\$3,160 \$10,184	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,463 \$2,390 \$1,296 \$2,722	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2019 2/1/2020 3/1/2020 10/1/2020
			Subtotal: Total Proje	\$13,344 ect Cost:		\$8,871 \$22,215			
Carryover			Program C			Roadway R	ehabilitatio	on (3R)	
06-Madera-99 R7.5/15.1 5335A 0600000973	In and near Madera, from Avenue 12 Overcrossing to 0.9 mile north of Avenue 17 Overcrossing. Additional \$13M from other contribution for the construction of one new lane in each direction. Roadway rehabilitation.	47090 2018-19	R/W: Const:	\$53,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$7,500	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/14/2015 5/1/2018 6/1/2018 11/1/2019
	in a second seco		Subtotal: Total Proje	\$53,000 ect Cost:		\$9,000 \$62,000			
New			Program C			Roadway R	ehabilitatio	on (3R)	

2018 SHOPP Project List Madera



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	pital	Suppo		COS Allocation FY	ı Miles	tones
06-Madera-99 13.1/19.6 6789 0616000003	In and near Madera, from 0.3 mile north of Avenue 16 Overcrossing to 0.9 mile north of Avenue 20 Overcrossing. Rehabilitate pavement on mainline and ramps.	0U520 2018-19	R/W: Const:	\$27 \$11,210	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,118 \$19 \$1,379	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/11/2010 12/1/2010 1/23/2010 7/15/2010
			Subtotal: Total Proj	\$11,237 ject Cost:		\$2,516 \$13,753			
Carryover			Program (avement R		on (CAPM)	
06-Madera-99 22.7/29.4 6732 0615000037	In and near Chowchilla, from Route 152 to the Merced County line. Roadway rehabilitation.	0T210 2018-19	R/W: Const:	\$30 \$17,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$499 \$1,885 \$30	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/201 2/1/201 3/23/201 3/1/201
			Subtotal: Total Proj	\$17,030 ject Cost:		\$4,921 \$21,951			
Carryover			Program (201.122 R re 26.0 L	oadway R ane mile(s		on (2R)	
OADSIDE PRE	SERVATION								
06-Madera-Var 6750 0615000176	In various counties, on various routes. Establish mitigation bank for future Caltrans projects in Districts 6 and 10 to protect the California Tiger Salamander.	2018-19	R/W: Const:	\$1,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$5 \$130 \$5 \$60	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/25/201 12/3/201 1/2/201 9/1/201
			Subtotal: Total Proj	\$1,800 ject Cost:		\$200 \$2,000			
Carryover			Program (oadside E	nhancemer	ıt	
		Madera	C 4						

Madera County
R/W: \$3,384 PA&ED: \$6,317
Const: \$120,394 PS&E: \$11,823
R/W Sup: \$1,451
Con Sup: \$21,568
Subtotal: \$123,778 \$41,159
Total (Capital + Support): \$164,937

2018 SHOPP Project List Marin





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocatior FY	ı Miles	tonos
		Trog Tear	Cap	ıtaı	эцрус	<i>,</i> 1 t	11	IVIIIes	tones
04-Marin-101 0.2 1492J 0415000344	RESTORATION Near Sausalito, at 0.1 mile south of Alexander Avenue. Restore damaged drainage systems.	4J420 2019-20	R/W: Const:	\$13 \$909	PA&ED: PS&E: R/W Sup: Con Sup:	\$837 \$850 \$100 \$850	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 2/1/2020 4/1/2020 7/8/2020
			Subtotal: Total Proje	\$922 ect Cost:		\$2,637 \$3,559			
Carryover			Program (ermanent ocation(s)	Restoration	ı	
COLLISION REI	<u>DUCTION</u>								
04-Marin-101 9.4/10.4 1452K 0417000028	In San Rafael, at Route 580; and in Sonoma County in Santa Rosa from PM 19.7 to PM 20.7; in Solano County on Route 37 in Vallejo from PM R9.4 to PM R10.4 and on Route 80 in and near Vallejo and Fairfield from PM 6.5 to	2K810 2021-22	R/W: Const:	\$100 \$3,142	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$550 \$100 \$550	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 1/15/2022 4/15/2022 10/15/2022
	17.5; also in Napa County, on Route 29 in and near the cities of Napa and Yountville from PM 11.0 to 21.0. Upgrade fencing to reduce maintenance worker exposure.	I	Subtotal: Total Proje	\$3,242 ect Cost:		\$1,750 \$4,992			
New			Program (201.235 N		e Access	ovements/ Free	way
MANDATES 04-Marin-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: Const:	\$125 \$2,239	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$850 \$120 \$850	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 1/3/2022 5/2/2022 11/15/2022
			Subtotal: Total Proje	\$2,364 ect Cost:		\$2,120 \$4,484			
New			Program (mericans		ilities Act New	Curb Ramps
04-Marin-131 R0.9 1491A 0415000350	In and near Tiburon, at Blackfield Drive/Greenwood Cove Drive. Intersection improvements to make compliant with the Americans with Disabilities Act (ADA) including removal of traffic islands, upgrading	4J450 2019-20	R/W: Const:	\$55 \$1,488	PA&ED: PS&E: R/W Sup: Con Sup:	\$400 \$409 \$220 \$450	18-19 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2018 5/1/2020 6/30/2020 12/9/2020
	curb ramps and sidewalk, installing new traffic signals, and installing Accessible Pedestrian Signals (APS) pushbuttons and countdown timers.		Subtotal: Total Proje	\$1,543 ect Cost:		\$1,479 \$3,022			
			Program (Code	201.361 A re 7 C	mericans	with Disab	ilities Act New	Curb Ramps

2018 SHOPP Project List Marin





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Dist-Co-Rte							cos		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Сар	oital	Supp	ort	FY	Miles	tones
04-Marin-1 0.0/0.8 0434H 0400021211	In Almonte, near Route 101 offramp to Route 1 also from Coyote Creek to Flamingo Road. Upgrade pedestrian facilities.	; 2G690 2018-19	R/W: Const:	\$842 \$1,976	PA&ED: PS&E: R/W Sup: Con Sup:	\$510 \$1,000 \$300 \$850	Prior Prior Prior 18-19		6/16/2017 10/31/2018 11/16/2018 5/1/2019
			Subtotal: Total Proj	\$2,818 ect Cost:		\$2,660 \$5,478			
Carryover			Program (201.378 I		re	oilities Act Pede	estrian
·	AVALENCE V								
04-Marin-1 28.5 0756K 0413000350	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0G642 2020-21	R/W: Const:	\$6,500 \$11,552	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,187 \$2,850 \$750 \$2,500	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 7/24/2020 8/3/2020 2/8/2021
			Subtotal: Total Proj	\$18,052 ect Cost:		\$10,287 \$28,339			
Carryover			Program (201.113 E	Bridge Seis Bridge(s)	mic Restor	ration	
04-Marin-1 33.4 0480C 0414000014	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Repair damaged embankment and construct retaining wall.	0J570 2018-19	R/W: Const:	\$450 \$4,020	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,620 \$1,080 \$180 \$830	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 6/7/2019 6/21/2019 2/4/2020
			Subtotal: Total Proj	\$4,470 ect Cost:		\$3,710 \$8,180			
Carryover			Program (Bridge Prev Bridge(s)	ventative M	1 aintenance	
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 culver structures.	0K510 2021-22 t	R/W: Const:	\$944 \$1,903	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,100 \$880 \$215 \$610	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2020 5/1/2022 6/1/2022 9/15/2022
			Subtotal: Total Proj	\$2,847 ect Cost:		\$2,805 \$5,652		•	
Carryover			Program (Bridge Prev Bridge(s)	ventative M	Maintenance	

2018 SHOPP Project List Marin



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo	ort	COS Allocation FY	ı Miles	tones
ROADWAY PRE	SERVATION								
04-Marin-1 22.8/31.2 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 (PM 45.0/50.5). Pavement rehabilitation.	1J960 2019-20	R/W: Const:	\$517 \$13,783	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,320 \$1,254 \$66 \$1,540	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 12/2/2019 1/9/2020 7/9/2020
			Subtotal:	\$14,300		\$4,180			
			Total Proj	ect Cost:		\$18,480			
			Program (Rehabilitatio	on (CAPM)	
Carryover			Performan	ice Measu	re 27.8 L	ane mile	(s)		
MOBILITY									
04-Marin-101 0.3/9.0 0334J 0414000446	In and near Sausalito, Corte Madera, and Larkspur, from north of Golden Gate Bridge to 0.3 mile north of Sir Francis Drake Boulevard. Install ramp metering and Traffic Operations System (TOS) elements.	15161 2018-19	R/W: Const:	\$110 \$9,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$50 \$1,600	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/7/2014 5/1/2018 6/1/2018 1/16/2019
	System (198) etements.		Subtotal:	\$9,810		\$3,150			
			Total Proj	ect Cost:		\$12,960			
Carryover			Program (ransporta	_	ement Systems	
Carryover		Marin	_	ice Measu		-	_	ement Systems	
Carryover		Marin	Performan	ice Measu	re 11 F	\$10,824 \$11,223 \$2,101	_	ement Systems	
Carryover		Marin	Performan County R/W:	\$9,656	PA&ED: PS&E: R/W Sup:	\$10,824 \$11,223 \$2,101	_	ement Systems	

2018 SHOPP Project List Mariposa



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	ı Miles	tones
COLLIGION DED			*	**				
10-Mariposa-140 21.2/21.8 3131 1013000244	In the community of Mariposa, from Route 49 to 12th Street. Improve pedestrian access facilities to reduce collision severity.	0Y600 2019-20	R/W: \$15 Const: \$1,55	PS&E: R/W Sup: Con Sup:	\$296 \$528 \$411 \$390	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/13/2018 8/16/2019 9/19/2019 3/18/2020
			Subtotal: \$1,70 Total Project Cos		\$1,625 \$3,334			
Carryover			Program Code Performance Mea		Collision So	everity Red) reduced	luction	
MANDATES								
10-Mariposa-140 21.2/21.4 3151 1013000240	In the Mariposa community, from 3rd Street to 7th street. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) Standards.		R/W: \$5 Const: \$1,32		\$739 \$626 \$453 \$592	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/15/2020 4/15/2022 5/1/2022 11/15/2022
			Subtotal: \$1,38 Total Project Cos		\$2,410 \$3,791			
New			Program Code Performance Mea	201.361 A	ŕ		ilities Act New	Curb Ramp
ROADWAY PRES 10-Mariposa-49 0.3/18.5	Near the community of Mariposa, from Madera County line to the south junction with Route	1C040 2019-20	Program Code Performance Mea	201.361 A sure 8 C 7 PA&ED: 7 PS&E:	surb ramp() \$403 \$1,032	Prior 18-19	PA&ED: R/W Cert:	10/9/2018
ROADWAY PRES	Near the community of Mariposa, from Madera		Program Code Performance Mea R/W: \$ Const: \$16,19	201.361 A sure 8 C 7 PA&ED: 97 PS&E: R/W Sup: Con Sup:	Americans Curb ramp(Prior	PA&ED:	10/9/2018
10-Mariposa-49 0.3/18.5 3233	Near the community of Mariposa, from Madera County line to the south junction with Route		Program Code Performance Mea	201.361 A sure 8 C 7 PA&ED: 7 PS&E: R/W Sup: Con Sup:	\$403 \$1,032 \$9	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	10/9/2018 10/1/2019 2/18/2020
10-Mariposa-49 0.3/18.5 3233	Near the community of Mariposa, from Madera County line to the south junction with Route		Program Code Performance Mea R/W: \$ Const: \$16,19 Subtotal: \$16,20	201.361 A sure 8 C	\$403 \$1,032 \$9 \$2,150 \$3,594 \$19,798	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL:	10/9/2018 10/1/2019 2/18/2020
10-Mariposa-49 0.3/18.5 3233 1017000034	Near the community of Mariposa, from Madera County line to the south junction with Route 140. Pavement rehabilitation. In and near the Mariposa community, from 1.7 miles east of Catheys Valley Park to the north Route 49 Junction. Rehabilitate pavement and upgrade Americans with Disabilities Act (ADA)	0Y770 2021-22	Program Code Performance Mea R/W: \$ Const: \$16,19 Subtotal: \$16,20 Total Project Cos Program Code	201.361 A sure 8 C 7 PA&ED: 7 PS&E: R/W Sup: Con Sup: 4 t: 201.121 P sure 34.6 L	\$403 \$1,032 \$9 \$2,150 \$3,594 \$19,798 Pavement For Lane mile(s) \$1,025 \$1,095 \$416	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/9/2018 10/1/2019 2/18/2020
10-Mariposa-49 0.3/18.5 3233 1017000034 Carryover 10-Mariposa-140 12.0/22.0 3252	Near the community of Mariposa, from Madera County line to the south junction with Route 140. Pavement rehabilitation. In and near the Mariposa community, from 1.7 miles east of Catheys Valley Park to the north Route 49 Junction. Rehabilitate pavement and	0Y770 2021-22	Program Code Performance Mea R/W: \$8 Const: \$16,19 Subtotal: \$16,20 Total Project Cos Program Code Performance Mea	201.361 A sure 8 C 7 PA&ED: 7 PS&E: R/W Sup: Con Sup: 44 t: 201.121 P sure 34.6 L 9 PA&ED: 3 PS&E: R/W Sup: Con Sup:	\$403 \$1,032 \$9 \$2,150 \$3,594 \$19,798 Pavement For Lane mile(s) \$1,025 \$1,095 \$416	Prior 18-19 18-19 19-20 Rehabilitations) 18-19 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con: on (CAPM) PA&ED: R/W Cert: RTL:	10/9/2018 10/1/2019 2/18/2020 9/27/2020 2/1/2020 5/1/2022 6/1/2022
10-Mariposa-49 0.3/18.5 3233 1017000034 Carryover 10-Mariposa-140 12.0/22.0 3252	Near the community of Mariposa, from Madera County line to the south junction with Route 140. Pavement rehabilitation. In and near the Mariposa community, from 1.7 miles east of Catheys Valley Park to the north Route 49 Junction. Rehabilitate pavement and upgrade Americans with Disabilities Act (ADA)	0Y770 2021-22	Program Code Performance Mea R/W: \$16,19 Subtotal: \$16,20 Total Project Cos Program Code Performance Mea R/W: \$1,98 Const: \$17,36	201.361 A sure 8 C 7 PA&ED: 7 PS&E: R/W Sup: Con Sup: 44 t: 201.121 P sure 34.6 L 9 PA&ED: 3 PS&E: R/W Sup: Con Sup: 22 t: 201.121 P	\$403 \$1,032 \$9 \$2,150 \$3,594 \$19,798 Pavement F sane mile(s) \$1,025 \$1,095 \$416 \$1,689 \$4,225 \$23,577	Prior 18-19 18-19 19-20 Rehabilitations) 18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con: on (CAPM) PA&ED: R/W Cert: RTL:	10/9/2018 10/1/2019 2/18/2020 9/27/2020 2/1/2020 5/1/2022 6/1/2022

2018 SHOPP Project List Mariposa

(\$1,000)



		(4)	1,000)					- 4	arans'
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Ca	pital	Supp	ort	FY	Miles	tones
10-Mariposa-140 25.3/51.8 3167 1016000025	Near the Mariposa community and El Portal, from East Whitlock Road to Yosemite National Park entrance. Pavement rehabilitation.	0Y780 2021-22	R/W: Const:	\$162 \$23,765	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$1,900 \$30 \$2,330	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 9/1/2021 10/1/2021 4/15/2022
			Subtotal: Total Proj	\$23,927 ject Cost:		\$5,160 \$29,087			
New			Program (avement R		on (CAPM)	
10-Mariposa-140 32.2 3194 1014000182	Near Briceburg, at 2.1 miles west of Bull Creek Road. Repair slope slipout and erosion damage at large culvert pipe outlet.		R/W: Const:	\$40 \$1,850	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$955 \$155 \$925	18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/29/2016 8/30/2020 9/30/2020 4/30/2021
			Subtotal: Total Proj	\$1,890 ject Cost:		\$2,035 \$3,925			
New			Program (Roadway P		setterments	
10-Mariposa-41 0.1/4.9 3158 1015000113	Near Fish Camp, from south of Miami Mountain Road to south of Yosemite National Park boundary; also in Madera County (PM D0.639/D1.841). Rehabilitate culverts.	1E770 2018-19	R/W: Const:	\$16 \$1,893	PA&ED: PS&E: R/W Sup: Con Sup:	\$435 \$929 \$84 \$905	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/27/2017 12/3/2018 12/4/2018 7/1/2019
			Subtotal: Total Proj	\$1,909 ject Cost:		\$2,353 \$4,262			
Carryover			Program (Orainage Sy Culvert(s) (ystem Rest ea)	oration	
	M	Iariposa	County	y					
			R/W: Const:	\$2,428 \$63,944	PA&ED: PS&E: R/W Sup:	\$7,065 \$1,558			
			Subtotal:	\$66,372	Con Sup:	\$21,402			

Total (Capital + Support):

\$87,774



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY		tones
MAJOR DAMAGI	E RESTORATION								
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 and drainage galleries.	0B530 2018-19	R/W: Const:	\$355 \$7,630	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,060 \$1,650 \$170 \$1,700	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 6/15/2019 6/30/2019 12/1/2019
			Subtotal: Total Proj	\$7,985 ect Cost:		\$5,580 \$13,565			
Carryover			Program (ermanent	Restoration		
-	ALCTION						·		
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 edge-line rumble strips and guardrail.	0F710 2019-20	R/W: Const:	\$433 \$519	PA&ED: PS&E: R/W Sup: Con Sup:	\$940 \$978 \$472 \$728	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/11/2019 2/15/2020 3/1/2020 9/15/2020
			Subtotal: Total Proj	\$952 ect Cost:		\$3,118 \$4,070			
Carryover			Program (201.010 S re 6 C	afety Imp			
01-Mendocino-1 41.8/42.3 4578 0112000300	Near Albion, from 1.5 miles north of Route 128 to 0.1 mile south of Navarro Ridge Road. Widen for standard shoulders and install rumble strips and guardrail.	2019-20	R/W: Const:	\$462 \$1,702	PA&ED: PS&E: R/W Sup: Con Sup:	\$622 \$326 \$223 \$608	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/14/2018 2/28/2020 3/13/2020 8/14/2020
			Subtotal: Total Proj	\$2,164 ect Cost:		\$1,779 \$3,943			
Carryover			Program (201.010 S re 16 C	afety Imp			
01-Mendocino-1 71.2/71.4 4639 0116000120	Near Fort Bragg, from 0.03 mile south to 0.07 mile north of Abalobadiah Creek. Curve improvement and shoulder widening.	0G060 2019-20	R/W: Const:	\$263 \$1,991	PA&ED: PS&E: R/W Sup: Con Sup:	\$874 \$1,094 \$190 \$783	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/8/2019 2/15/2020 3/1/2020 8/1/2020
			Subtotal: Total Proj	\$2,254 ect Cost:		\$2,941 \$5,195			_
Carryover			Program (afety Imp	rovements) reduced		





		(2	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
01-Mendocino-20 16.9/17.2 4613 0115000038	Near Fort Bragg, from 0.34 mile west of Road 200A to 0.13 mile west of Road 200A. Improve curve, install center and edge-line rumble strips, and install guardrail.		R/W: Const:	\$103 \$2,155	PA&ED: PS&E: R/W Sup: Con Sup:	\$782 \$1,117 \$129 \$1,225	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2018 6/11/2019 6/25/2019 11/14/2019
			Subtotal: Total Proj	\$2,258 ect Cost:		\$3,253 \$5,511			
Carryover			Program (201.010 Sare 24 C	afety Impr			
01-Mendocino-20 24.7/24.9	Near Willits, from 1.0 mile to 0.8 mile west of Three Chop Road. Widen eastbound shoulders,	0G430 2019-20	R/W: Const:	\$17 \$1,303	PA&ED: PS&E:	\$603 \$843	Prior 18-19	PA&ED: R/W Cert:	2/1/2019 3/1/2020
4650 0116000188	construct guard railing, place High Friction Surface Treatment (HFST), and extend an existing culvert.			,	R/W Sup: Con Sup:	\$175 \$718	18-19 19-20	RTL: Begin Con:	3/15/2020 8/15/2020
	existing curvert.		Subtotal:	\$1,320		\$2,339			
			Total Proj			\$3,659			
			Program (Code	201.010 S	afety Impi	rovements		
Carryover			Performan	ice Measu	re 8 C	Collision(s)	reduced		
01-Mendocino-162 17.4/17.8 4652 0117000009	Near Dos Rios, from 1.0 mile east of the Middle Way to 1.3 miles east of the Middle Way. Increase safety by improving roadway cross slope at curve, installing High Friction Surface	2018-19	R/W: Const:	\$6 \$1,042	PA&ED: PS&E: R/W Sup: Con Sup:	\$553 \$672 \$123 \$723	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 12/1/2018 12/15/2018 5/15/2019
	Treatment (HFST), and installing an underdrain system.		Subtotal:	\$1,048		\$2,071		•	
			Total Proj			\$3,119			
Carryover			Program (201.010 Sare 14 C	afety Impi			
<u> </u>	In Mendocino, Lake, Del Norte, and Humboldt	0G050	R/W:	•02	DA & ED:	¢412	19 10	l nagen	2/1/2019
01-Mendocino-Var	Counties on Routes 1, 20, 29, 96, 101, 128, 162,		Const:	\$9 \$2,322	PA&ED: PS&E:	\$413 \$1,067	18-19 18-19	PA&ED: R/W Cert:	9/1/2019
7022 0116000118	169, 175, 199, 253, 254, 271, 281, and 299, at various locations. Replace curve warning signs to make standard.				R/W Sup: Con Sup:	\$58 \$986	18-19 19-20	RTL: Begin Con:	9/1/2019 1/1/2020
			Subtotal: Total Proj	\$2,331 ect Cost:		\$2,524 \$4,855			
			Program (Code	201.015 C	Collision Se	everity Red	luction	



		(4)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Caj	pital	Supp	ort	FY	Miles	tones
01-Mendocino-101 58.9/82.5 4574 0112000285	Near Laytonville, at Moss Cove Safety Roadside Rest Area (SRRA); also at Irvine Lodge SRRA (PM 61.8) and Empire Camp SRRA (PM 82.5). Upgrade potable and wastewater systems.	0C450 2019-20	R/W: Const:	\$3 \$6,322	PA&ED: PS&E: R/W Sup: Con Sup:	\$46	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 6/1/2020 6/15/2020 10/1/2020
			Subtotal: Total Proj	\$6,325 ject Cost:		\$3,903 \$10,228			
			Program (201.235 N	Maintenanc	e Access	ovements/ Free	way
Carryover			Performa	nce Measu	re 3 I	Location(s)			
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	2020-21	R/W: Const:	\$256 \$4,218	PA&ED: PS&E: R/W Sup: Con Sup:	\$511	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2019 11/15/2020 12/1/2020 7/1/2021
	upgrade drainage.		Subtotal:	\$4,474		\$4,095			
			Total Proj	ject Cost:		\$8,569			
New BRIDGE PRESER 01-Mendocino-1	Near Albion, from 2.2 miles north of Route 128		R/W:	\$6,324	PA&ED:	Structure(s) \$5,800	Prior		11/15/2018
42.4/43.3 4491 0100000155	Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement. (G13 Contingency)	2019-20	* Const:	\$36,775	PS&E: R/W Sup: * Con Sup:	\$810	18-19 18-19 19-20	R/W Cert: RTL: Begin Con:	1/31/2020 2/14/2020 3/1/2020
			Subtotal: Total Proj * Construct	*	al and * Cor	\$18,493 \$61,592 instruction is	Support ph	ase are NOT a	uthorized
Carryover			Program (Code nce Measu		Bridge Maj Bridge(s)	or Rehabili	tation	
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. (G13 Contingency)	3 40110 2019-20	R/W: * Const:	\$7,748 \$53,699	PA&ED: PS&E: R/W Sup: * Con Sup:	\$5,220 \$828	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/17/2019 3/13/2020 6/30/2020 12/15/2020
	(Subtotal: Total Proj * Construct		al and * Cor	\$17,498 \$78,945 instruction is	Support ph	ase are NOT a	uthorized
Carryover			Program (Bridge Maj Bridge(s)	or Rehabili	tation	



		(Ψ	1,000)						artars
Dist-Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	ital	Supp		FY		tones
01-Mendocino-20 33.3/34.4 4587 0113000123	Near Ukiah, from east of Route 101 to east of Road 144 at Russian River Bridge and Overhead No. 10-0182. Rehabilitate bridge deck.	0E090 2019-20	R/W: Const:	\$250 \$25,832	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,129 \$260	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/15/2019 2/15/2020 3/1/2020 9/1/2020
			Subtotal: Total Proje	\$26,082 ect Cost:		\$13,300 \$39,382			
Carryover			Program C		201.110 E re 2 E	Bridge Maj Bridge(s)	or Rehabili	itation	
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: Const:	\$205	PA&ED: PS&E: R/W Sup: Con Sup:	\$172	20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/27/2017 4/15/2018 7/15/2020 9/1/2020
			Subtotal: Total Proje	\$205 ect Cost:		\$172 \$377			
Carryover			Program C		201.110 E re 0 E	Bridge Maj Bridge(s)	or Rehabil	itation	
01-Mendocino-1 4507 0100000672	In and near Fort Bragg, at Little River Bridge No. 10-0178, at Jack Peters Bridge No. 10-0150 and at Pudding Creek Bridge No. 10-0158. Upgrade and replace barrier rails and bridge replacement.	43480 2019-20	R/W: Const:	\$1,099 \$15,650	PA&ED: PS&E: R/W Sup: Con Sup:	\$341	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/14/2018 2/28/2020 3/6/2020 9/4/2020
	Терместен		Subtotal: Total Proje	\$16,749 ect Cost:		\$10,622 \$27,371			
Carryover			Program C		201.112 E re 1463.0 L		Replacem	ent and Upgrac	le
01-Mendocino-1 31.4 4588 0113000125	Near Fort Bragg, at Elk Creek Bridge No. 10 -0120. Replace and upgrade bridge rails.	0E110 2019-20	R/W: Const:	\$333 \$7,325	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,445 \$191	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/13/2019 2/26/2021 3/12/2021 8/27/2021
			Subtotal: Total Proje	\$7,658 ect Cost:		\$4,758 \$12,416			
Carryover			Program C		201.112 E re 321.5 L	-	Replacem	ent and Upgrac	le



		(3	1,000)					- 14	arrans
Dist-Co-Rte							cos		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Caj	pital	Suppo	ort	FY	Miles	tones
01-Mendocino-1 R52.4/R52.9 4636 0116000101	Near the Mendocino community, at Russian Gulch Bridge No. 10-0151 (PM 52.64). Replace or upgrade bridge to address bridge rail standards, functionality, structural integrity, and provide access for pedestrians and bicycles.		R/W: Const:	\$7,128 \$34,109	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,808 \$396	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/14/202 3/4/202 3/18/202 10/14/202
			Subtotal: Total Proj	\$41,237 ject Cost:		\$18,983 \$60,220			
New			Program (201.112 B re 1134.0 L	•	Replacem	ent and Upgrad	le
01-Mendocino-1 59.7 4588B 0115000109	Near Fort Bragg, at Hare Creek Bridge No. 10 -0175. Upgrade bridge rails and widen to make standard.	0E111 2021-22	R/W: Const:	\$474 \$12,452	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,770 \$2,979 \$183 \$3,498	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/202 4/1/202 5/1/202 12/1/202
			Subtotal: Total Proj	\$12,926 ject Cost:		\$9,430 \$22,356			
New			Program (201.112 E re 868.0 L	-	Replacem	ent and Upgrad	le
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 to T0.1). Seismic bridge retroit ger and upgrade, restrict for wider about the result of the state	2021-22	R/W: Const:	\$26 \$3,605	PA&ED: PS&E: R/W Sup: Con Sup:	\$739 \$1,028 \$248 \$1,278	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/202 1/1/202 1/15/202 6/1/202
	shoulders and bicycle access, and upgrade deck drainage.		Subtotal: Total Proj	\$3,631 ject Cost:		\$3,293 \$6,924			
New			Program (Code nce Measu	201.113 E re 1 E	Bridge Seis Bridge(s)	smic Restor	ration	
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: Const:	\$618 \$6,383	PA&ED: PS&E: R/W Sup: Con Sup:	\$737 \$1,295 \$127 \$4,179	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 12/30/202 1/15/2020 6/1/2020
			Subtotal: Total Proj	\$7,001 ject Cost:		\$6,338 \$13,339			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION					
01-Mendocino-1 0.0/15.0 4626 0116000008	In and near Point Arena, from Sonoma County line to 0.1 mile south of Mill Street. Pavement rehabilitation.	0F440 2019-20	R/W: \$15 Const: \$12,585	PA&ED: \$62: PS&E: \$704 R/W Sup: \$8: Con Sup: \$2,590	18-19 5 18-19	PA&ED: 12/1/2018 R/W Cert: 9/17/2019 RTL: 10/1/2019 Begin Con: 3/15/2020
			Subtotal: \$12,600 Total Project Cost:	\$4,002 \$16,60 2		
Carryover			Program Code Performance Measu	201.121 Pavemen are 31.4 Lane mile		on (CAPM)
01-Mendocino-1 62.1/78.9 0154T 0116000031	In and near Fort Bragg, from Pudding Creek Bridge to 0.6 mile north of Wages Creek Bridge. Pavement rehabilitation.	36270 2018-19	R/W: \$1 Const: \$13,582	PA&ED: \$330 PS&E: \$50 R/W Sup: \$30 Con Sup: \$65	18-19 5 18-19	PA&ED: 9/1/2018 R/W Cert: 5/1/2019 RTL: 5/15/2019 Begin Con: 10/1/2019
			Subtotal: \$13,583 Total Project Cost:	\$1,530 \$15,11 ;		
Carryover			Program Code Performance Measu	201.121 Pavemen 32.9 Lane mile		on (CAPM)
01-Mendocino-101 R0.1/R9.6 4442 0116000024	Near Hopland, from 0.7 mile south of Geysers Road to Hopland Overhead. Pavement rehabilitation.	46630 2018-19	R/W: \$1 Const: \$13,289	PA&ED: \$362 PS&E: \$633 R/W Sup: \$4 Con Sup: \$1,724	5 18-19 4 18-19	PA&ED: 9/1/2018 R/W Cert: 5/1/2019 RTL: 5/15/2019 Begin Con: 10/1/2019
			Subtotal: \$13,290 Total Project Cost:	\$2,725 \$16,01 5		
Carryover			Program Code Performance Measu	201.121 Pavemen are 36.2 Lane mile		on (CAPM)
01-Mendocino-1 42.3/42.5 4616 0115000048	Near Albion, at Navarro Ridge Road. Improve drainage, repair erosion, widen shoulders, and repair roadway.	0E940 2019-20	R/W: \$168 Const: \$1,102	PA&ED: \$41: PS&E: \$40: R/W Sup: \$6' Con Sup: \$370	5 18-19 7 18-19	PA&ED: 12/14/2018 R/W Cert: 2/28/2020 RTL: 3/13/2020 Begin Con: 8/1/2020
			Subtotal: \$1,270 Total Project Cost:	\$1,25° \$2,52 °		
Carryover			Program Code Performance Measu	201.150 Roadway		etterments



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY	Miles	tones
ROADSIDE PRES	SERVATION								
01-Mendocino-1 6.8/87.9 4693 0117000222	Near Point Arena and Fort Bragg, from 0.6 mile north of Haven Neck Drive to 0.1 mile north of South Fork Cotteneva Creek Bridge. Advance mitigation credit purchases (14 credits) for future SHOPP construction projects expected to	2018-19	R/W: Const:	\$8,820	PA&ED: PS&E: R/W Sup: Con Sup:	\$57 \$1,700 \$7	Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	4/15/2018 3/1/2019 7/1/2019 10/1/2019
	impact wetlands.		Subtotal:	\$8,820		\$1,764			
			Total Proj	ect Cost:		\$10,584			
			Program C				hhancement		
Carryover			Performan	ice Measu	re 7 L	ocation(s))		
01-Mendocino-1 18.5/71.4 4699 0118000077	Near Manchester and Fort Bragg, from Garcia River Bridge to 0.1 mile north of Abalobadiah Creek. Advance mitigation credit purchases (7 credits) for future SHOPP construction projects expected to impact sensitive streams.	0H441 2018-19	R/W: Const:	\$4,410	PA&ED: PS&E: R/W Sup: Con Sup:	\$29 \$850 \$3	Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	
	expected to impact sensitive sucains.		Subtotal: Total Proje	\$4,410 ect Cost:		\$882 \$5,292			
			Program (Code	201.240 R	oadside E	Enhancement		
Carryover			Performan		re 4 L	ocation(s))		
	Me	ndocino	County	,					
			R/W:	\$39,322	PA&ED:				
			Const:	\$265,797	PS&E: R/W Sup:				
					Con Sup:	,			
			Subtotal:	\$305,119	\$	146,650			
			Total (Capi	ital + Sup	port): \$	451,769			





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY		tones
COLLISION REI	LICTION								
10-Merced-140 0.0/42.1 3018 1013000108	Near the city of Merced at various locations, from Route 5 to 6 miles east of the city of Merced. Upgrade metal beam guardrails	0Y110 2019-20	R/W: Const:	\$794 \$4,334	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,442 \$1,168 \$280 \$1,187	Prior Prior Prior 19-20	R/W Cert: RTL:	11/17/2017 11/1/2019 11/15/2019 5/29/2020
			Subtotal: Total Proj	\$5,128 ect Cost:		\$4,077 \$9,205			
Carryover			Program (leverity Red) reduced	uction	
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 of two bridges and removal of obstructions from	0Y130 2021-22 n	R/W: Const:	\$355 \$4,225	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,279 \$769 \$252 \$1,172	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2019 11/15/2021 2/1/2022 8/1/2022
	clear recovery zone at eleven locations.		Subtotal: Total Proj	\$4,580 ect Cost:		\$3,472 \$8,052			
New			Program (Severity Red) reduced	uction	
10-Merced-152 14.1/R40.7 3740 1017000043	In and near Los Banos, from 0.3 mile east of Route 5 to 0.2 mile west of Route 59. Upgrade guardrail to make standard.	1C370 2020-21	R/W: Const:	\$13 \$2,598	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$939 \$12 \$745	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/7/2020 8/26/2020 5/4/2021 11/30/2021
			Subtotal: Total Proj	\$2,611 ect Cost:		\$2,346 \$4,957			
New			Program (everity Red) reduced	uction	
MANDATES									
10-Merced-165 8.5/10.6 3149 1013000002	In Los Banos, from 0.3 mile south of Route 152 to Dove Street at various locations. Upgrade Americans with Disabilities Act (ADA) facilities.	2 0X520 2019-20	R/W: Const:	\$1,280 \$968	PA&ED: PS&E: R/W Sup: Con Sup:	\$347 \$477 \$1,280 \$505	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2017 3/16/2020 4/20/2020 12/1/2020
			Subtotal: Total Proj	\$2,248 ect Cost:		\$2,609 \$4,857			
Carryover			Program (Performan			mericans urb ramp		ilities Act New	Curb Ramp



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
RIDGE PRESE	RVATION					
10-Merced-152 3122 1012000316	In Merced County, on Routes 152, 140, and 59 at various locations. Seismic retrofit and bridge rail upgrade of seven bridges.	0G830 2019-20	R/W: \$41 Const: \$6,53	0 PS&E: \$6	982 Prior 649 18-19 \$19 18-19 984 19-20	PA&ED: 1/2/2019 R/W Cert: 2/7/2020 RTL: 2/21/2020 Begin Con: 9/1/2020
			Subtotal: \$6,94 Total Project Cost	ŕ		
Carryover			Program Code Performance Mea	•	e Seismic Restora	ation
10-Merced-5 3102 1015000038	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 s 2020-21	R/W: \$1,89 Const: \$2,10	00 PS&E: \$9	819 Prior 950 18-19 542 18-19 100 20-21	PA&ED: 7/2/2018 R/W Cert: 12/1/2020 RTL: 12/18/2020 Begin Con: 7/23/2021
			Subtotal: \$3,99 Total Project Cost	ŕ	411 405	
Carryover			Program Code Performance Mea	_	e Preventative Ma	aintenance
OADWAY PRE	SERVATION					
10-Merced-99 R12.7/17.6 3089 1014000144	In and near the city of Merced, from south of Childs Avenue to south of Franklin Road. Roadway rehabilitation. (G13 Contingency)	1C170 2019-20	R/W: \$9 * Const: \$46,00	00 PS&E: \$3,	700 Prior 122 Prior	PA&ED: 4/2/2018 R/W Cert: 4/15/2020 RTL: 5/15/2020 Begin Con: 11/13/2020
			Subtotal: \$46,09 Total Project Cost * Construction Cap	t: \$63,9	917	se are NOT authorized
Carryover			Program Code Performance Mea		vay Rehabilitation	n (2R)
10-Merced-99 20.1/24.3 5431 1013000259	In and near Atwater, from 0.4 mile south of Buhach Road to south of Westside Boulevard. Roadway rehabilitation.	3A720 2018-19	R/W: \$3,36 Const: \$60,60	00 PS&E: \$5,2	200 18-19 677 18-19	PA&ED: 11/3/2017 R/W Cert: 6/14/2019 RTL: 6/21/2019 Begin Con: 2/14/2020
			Subtotal: \$63,96 Total Project Cost	ŕ		
			,	501,		



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Dist- Co-Rte Post Mile PPNO	T (1 /15) (1	EA	C		C		COS Allocation		
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
10-Merced-152 3139 1015000005	In Merced County on Routes 152, 59, and 99 and in San Joaquin County on Routes 5 and 12, at various locations. Rehabilitate culverts.	0S120 2019-20	R/W: Const:	\$151 \$1,768	PA&ED: PS&E: R/W Sup: Con Sup:	\$622 \$743 \$124 \$765	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/4/201 4/1/201 5/1/201 1/3/202
			Subtotal: Total Proj	\$1,919 ect Cost:		\$2,254 \$4,173		<u> </u>	
Carryover			Program (rainage S	ystem Resto	oration	
OBILITY									
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: Const:	\$274 \$2,216	PA&ED: PS&E: R/W Sup: Con Sup:	\$495 \$850 \$64 \$630	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/15/2020 11/15/202 12/1/202 6/15/2022
			Subtotal: Total Proj	\$2,490 ect Cost:		\$2,039 \$4,529			
New			Program (-	Improvem	ents of delay (DVH)	D)
OADSIDE PRES	SERVATION								
10-Merced-5 0.4/0.8 3215 1016000046	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRA). Upgrade northbound and southbound SRRA facilities.	1C790 2021-22	R/W: Const:	\$5 \$16,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$925 \$2,970 \$10 \$3,150	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/12/201 1/15/202 8/2/202 2/11/202
			Subtotal: Total Proj	\$16,705 ect Cost:		\$7,055 \$23,760			
New			Program (afety Road		Area Restoratio	on
10-Merced-5 0.4/0.9 3209A 1018000067	At northbound and southbound John "Chuck" Erreca Safety Roadside Rest Area (SRRA) and in San Joaquin County on Route 99 at Lodi Park-and-Ride lot. Transportation infrastructur improvement for zero-emission vehicle		R/W: Const:	\$4 \$1,605	PA&ED: PS&E: R/W Sup: Con Sup:	\$284 \$9 \$302	18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/30/2011 9/4/2011 10/1/2011 4/8/2011
	charging.		Subtotal: Total Proj	\$1,609 ect Cost:		\$595 \$2,204			
			Program (Code	201.999 M	IULTIPLI	Е ОВЈЕСТІ	VE	

(\$1,000)



Post Mile PPNO		EA			COS Allocation					
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones				
		Merced C	ounty							
			R/W: \$8,65	0 PA&ED: \$11,134	1					
		(Const: \$149,64	ŕ						
				R/W Sup: \$3,391						
		_		Con Sup: \$33,940)					
		Sul	ototal: \$158,29	4 \$67,164	1					

Total (Capital + Support):

\$225,458

2018 SHOPP Project List Modoc

(\$1,000)



Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Miles	tones
DUCTION								
Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement.	1H330 2018-19	R/W: Const:	\$15 \$3,214	PA&ED: PS&E: R/W Sup: Con Sup:	\$580 \$680 \$90 \$840	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/19/201 5/4/201 6/4/201 9/18/201
		Subtotal: Total Proje	\$3,229 ect Cost:		\$2,190 \$5,419			
		U			, ,			
	Modoc	County						
		R/W:	\$15	PA&ED:	\$580			
		Const:	\$3,214	PS&E:	\$680			
				R/W Sup:	\$90			
				Con Sup:	\$840			
		Subtotal:	\$3,229		\$2,190			
	Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow	Location/Description Prog Year DUCTION Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement. Modoc Modoc	Location/Description Prog Year Cap DUCTION Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement. Subtotal: Total Project Program Const: Modoc County R/W: Const:	Location/Description Prog Year Capital DUCTION Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement. Subtotal: \$3,229 Total Project Cost: Program Code Performance Measu Modoc County R/W: \$15 Const: \$3,214	Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement. Program Code Subtotal: \$3,229	Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road to Cedar Pass Ski Tow Road. Curve improvement.	Near Cedarville, from 0.6 mile west of Cedar Pass Ski Tow Road. Curve improvement. Program Code Subtoal: \$3,229 \$2,190 \$5,419 \$15 Pa&ED: \$5,419 \$15 Pa&ED: \$5,419 \$15 Pa&ED: \$15 Pa&ED:	Location/Description

\$5,419

Total (Capital + Support):

2018 SHOPP Project List Mono



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Dist-Co-Rte Post Mile PPNO		EA	G				COS Allocation		
EFIS	Location/Description	Prog Year	Сар	oital	Suppo	ort	FY	Miles	tones
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,	36070 2020-21	R/W: Const:	\$368 \$13,740	PA&ED: PS&E: R/W Sup: Con Sup:	\$922 \$2,037 \$485 \$2,799	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/27/2018 6/30/2020 6/30/2020 10/7/2020
	reconstruct and install guardrail.		Subtotal: Total Proj	\$14,108 ect Cost:	-	\$6,243 \$20,351			
New			Program (Performan			Collision Sollision(s)	everity Red) reduced	uction	
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: Const:	\$506 \$5,490	PA&ED: PS&E: R/W Sup: Con Sup:	\$520 \$830 \$590 \$1,440	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 4/1/2022 4/1/2022 10/1/2022
			Subtotal: Total Proj	\$5,996 ect Cost:		\$3,380 \$9,376			
New			Program (Collision So	everity Red) reduced	uction	
09-Mono-395 88.4/91.6 2600 0912000033	Near Bridgeport, from north of Devils Gate Summit to Burcham Flat Road. Widen shoulders and add rumble strip.	34940 2018-19	R/W: Const:	\$1,299 \$7,352	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,170 \$1,280 \$350 \$1,729	Prior Prior Prior 18-19		5/3/2017 10/31/2018 10/31/2018 4/29/2019
			Subtotal: Total Proj	\$8,651 ect Cost:		\$5,529 \$14,180			
Carryover			Program (Collision Socialision(s)	everity Red) reduced	luction	
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,	36660 2020-21	R/W: Const:	\$5 \$5,710	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$300 \$10 \$740	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2019 12/1/2020 2/1/2021 8/1/2021
	install lighting, improve signage, construct a median cross-over, and construct two new chain control turnouts.	ı	Subtotal: Total Proj	\$5,715 ect Cost:		\$1,310 \$7,025			
			Program (201.235 N	/aintenanc	e Access	ovements/ Free	way
New			Performan	ice Measu	re 13 L	ocation(s)			

2018 SHOPP Project List Mono

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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	oital	Supp		COS Allocation FY	ı Miles	tones
OADSIDE PRE	SERVATION								
09-Mono-395	In Mono County, at various locations. Advance		R/W:	\$600	PA&ED:	\$200	Prior	PA&ED:	2/15/201
	mitigation banking credits.	2019-20	Const:	\$2,300	PS&E:	\$200	18-19	R/W Cert:	5/15/202
2621					R/W Sup:	\$100	18-19	RTL:	6/26/202
0916000009					Con Sup:	\$150	19-20	Begin Con:	12/15/202
			Subtotal:	\$2,900		\$650			
			Total Proj			\$3,550			
Carryover			Program (coadside En	nhancemen	.l	
		Mono	County	7					
			R/W:	\$2,778	PA&ED:	\$4,072			
			Const:	\$34,592	PS&E:	\$4,647			
				,		· ·			
					R/W Sup:	\$1,535			
					Con Sup:	\$1,535 \$6,858			

Total (Capital + Support):

\$54,482



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo		COS Allocation FY	Miles	tones
COLLISION REI	DUCTION							
05-Monterey-Var 2595 0514000140	In Monterey, Santa Cruz and San Benito Counties, on various routes at various locations. Replace and install advance curve warning signs.	1G310 2018-19	R/W: \$ Const: \$1,8	PA&ED: PS&E: R/W Sup: Con Sup:	\$754 \$1,044 \$35 \$552	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/3/2018 4/29/2019 5/1/2019 10/11/2019
			Subtotal: \$1,9 Total Project Co		\$2,385 \$4,285			
Carryover			Program Code Performance Me			Severity Reduced	uction	
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.		R/W: Const: \$8	PA&ED: PS&E: R/W Sup: Con Sup:	\$344 \$483	18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/29/2015 9/9/2019 4/24/2020 11/30/2020
			Subtotal: \$8 Total Project Co	816 st:	\$827 \$1,643			
Carryover			Program Code Performance Me		Collision S	Severity Redu	uction	
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: Const: \$4,7	\$5 PA&ED: 250 PS&E: R/W Sup: Con Sup:	\$700 \$1,900 \$190 \$2,000	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 4/23/2021 8/6/2021 2/23/2022
			Subtotal: \$4,7 Total Project Co		\$4,790 \$9,545			
			D C.1		'allisian C	Severity Redu	uction	
New			Program Code Performance Me) reduced		
New 05-Monterey-101 2633 0516000013	Near Bradley, at Camp Roberts Safety Roadside Rest Area (SRRA). Upgrade northbound and southbound SRRA facilities.	e 1H020 2019-20	Performance Me	asure 3 C \$6 PA&ED:	\$1,763 \$29	•	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2017 12/2/2019 4/1/2020 11/12/2020
05-Monterey-101 2633	Rest Area (SRRA). Upgrade northbound and		Performance Me	\$6 PA&ED: 173 PS&E: R/W Sup: Con Sup:	\$1,763 \$29	18-19 18-19	R/W Cert: RTL:	12/2/2019 4/1/2020
05-Monterey-101 2633	Rest Area (SRRA). Upgrade northbound and		R/W: Const: \$4,8	\$6 PA&ED: 73 PS&E: R/W Sup: Con Sup: 779 \$1.79 \$201.235 M	\$1,763 \$29 \$1,240 \$3,032 \$7,911	18-19 18-19 19-20	R/W Cert: RTL:	12/2/2019 4/1/2020 11/12/2020



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı Miles	tones
05-Monterey-101 73.0/96.8 2571 0514000073	In Monterey and San Benito counties from north of North Gonzalez Overcrossing to the Santa Clara County line. Roadside safety improvements.		R/W: Const:	\$456 \$4,368	PA&ED: PS&E: R/W Sup: Con Sup:	\$715 \$1,216 \$175 \$1,355	Prior Prior Prior 19-20	PA&ED: R/W Cert:	4/13/2018 12/10/2019 12/24/2019
			Subtotal: Total Proje	\$4,824 ect Cost:		\$3,461 \$8,285			
Carryover			Program C		201.235 N		e Access	ovements/ Free	way
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	1H220 2021-22	R/W: Const:	\$20 \$755	PA&ED: PS&E: R/W Sup: Con Sup:	\$313 \$790 \$48 \$586	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 4/1/2021 8/2/2021 2/22/2022
	streetlight pole and signs, remove and replant trees.		Subtotal: Total Proje	\$775 ect Cost:		\$1,737 \$2,512			
New 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	Program (Performan R/W: Const:			\$630 \$1,269 \$1,016 \$547		PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 7/1/2021 10/1/2021 4/22/2022
			Subtotal: Total Proje	\$1,478 ect Cost:		\$3,462 \$4,940		1	
New			Program (mericans urb ramp(ilities Act New	Curb Ramp
BRIDGE PRESEF	RVATION								
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: Const:	\$7,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,500 \$90 \$2,100	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/18/2019 9/15/2020 1/8/2021 7/12/2021
			Subtotal: Total Proje	\$7,400 ect Cost:		\$4,390 \$11,790			
Carryover			Program (ridge Maj	or Rehabili	itation	



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	· Cap	ital	Supp		COS Allocation FY	n Miles	tones
05-Monterey-101 62.1/63.2 9700 0513000017	Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-91R. Rehabilitate bridge.	0F970 2019-20	R/W: Const:	\$1,578 \$7,358	PA&ED: PS&E: R/W Sup: Con Sup:	\$34 \$2,006 \$58 \$1,535	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/2/2014 7/1/2019 11/1/2019 5/27/2020
			Subtotal: Total Proje	\$8,936 ect Cost:		\$3,633 \$12,569			
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabili	itation	
05-Monterey-1 43.1/43.1 2656 0516000081	Near Big Sur, at the Castro Canon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards.	1H490 2020-21	R/W: Const:	\$41 \$1,605	PA&ED: PS&E: R/W Sup: Con Sup:	\$608 \$1,345 \$141 \$762	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 12/1/2020 4/1/2021 12/1/2021
			Subtotal: Total Proje	\$1,646 ect Cost:		\$2,856 \$4,502			
New			Program C			•	Replacem	ent and Upgrad	e
05-Monterey-156 R1.1/R2.1 0900A 0513000028	Near Castroville, from Route 183 to Castroville Boulevard. Upgrade bridge railing and widen overhead.	0A090 2019-20	R/W: Const:	\$467 \$5,050	PA&ED: PS&E: R/W Sup: Con Sup:	\$70 \$1,800 \$130 \$1,340	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/2/2014 7/5/2019 11/22/2019 5/27/2020
			Subtotal: Total Proje	\$5,517 ect Cost:		\$3,340 \$8,857		•	
Carryover			Program C		201.112 E re 392.0 L		Replacem	ent and Upgrad	e
05-Monterey-101 R6.7 2565 0514000064	Near Paso Robles, at San Antonio River Bridge No 44-0141L/R. Bridge seismic restoration.	1F820 2019-20	R/W: Const:	\$841 \$7,734	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,529 \$1,800 \$15 \$2,236	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/7/2018 2/11/2020 4/29/2020 12/30/2020
			Subtotal:	\$8,575		\$5,580		-	
			Total Proje	ect Cost:		\$14,155			



		(+				
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION		•	**		
05-Monterey-1 39.8/74.6 2534 0514000046	In and near Big Sur and Carmel, from Torre Canyon Bridge to San Luis Avenue. Pavement rehabilitation.	1F680 2018-19	R/W: \$31 Const: \$24,335		7 18-19 1 18-19	PA&ED: 5/31/2018 R/W Cert: 5/28/2019 RTL: 6/11/2019 Begin Con: 1/2/2020
			Subtotal: \$24,366 Total Project Cost:	\$5,154 \$29,520		
Carryover			Program Code Performance Measo	201.121 Pavemen are 72.1 Lane mile		on (CAPM)
05-Monterey-68 1.1/L4.3 2631 0516000011	In and near Pacific Grove, from Forest Avenue to Route 1. 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 Const: \$7,996		8 18-19 2 18-19	PA&ED: 2/26/2019 R/W Cert: 10/26/2020 RTL: 12/11/2020 Begin Con: 7/15/2021
	Aspitat (KriviA) pavement.		Subtotal: \$8,066 Total Project Cost:	\$4,10° \$12,17 °3		
Carryover			Program Code Performance Meass	201.121 Pavemen		on (CAPM)
05-Monterey-101 73.8/87.3 2540 0514000055	In and near Salinas, from north of North Gonzales Overcrossing to East Market Street. Pavement rehabilitation.	1F700 2018-19	R/W: \$70 Const: \$19,400) Prior	PA&ED: 6/30/2016 R/W Cert: 4/4/2018 RTL: 10/29/2018 Begin Con: 5/8/2019
			Subtotal: \$19,470 Total Project Cost:	\$4,490 \$23,96 0		
Carryover			Program Code Performance Measo	201.121 Pavemen		on (CAPM)
05-Monterey-101 R28.0/R30.6 2546 0514000049	Near King City, from south of Paris Valley Road Overcrossing to Rancho Undercrossing. Roadway rehabilitation.	1F740 2018-19	R/W: Const: \$26,950	PA&ED: \$11 PS&E: \$1,820 R/W Sup: \$42 Con Sup: \$3,490	Prior Prior	PA&ED: 7/1/2014 R/W Cert: 8/1/2018 RTL: 12/7/2018 Begin Con: 6/22/2020
			Subtotal: \$26,950 Total Project Cost:	\$5,363 \$32,3 13		



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Capi	tal	Suppo	ort	FY	Miles	tones
05-Monterey-101 R91.5/101.3 2679 0516000140	Near Salinas, from 0.4 mile south of Espinosa Road Undercrossing to San Benito County line. Reconstruct embankment, widen shoulders, improve drainage systems, upgrade barrier railing, cold plane pavement, place Rubberized	1H690 2021-22	R/W: * Const: \$		PA&ED: PS&E: R/W Sup: * Con Sup:		Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2019 5/12/2021 8/3/2021 2/25/2022
	Hot Mix Asphalt (RHMA) pavement and place Hot Mix Asphalt (HMA) to rehabilitate roadway. (G13 Contingency)		Subtotal: \$ Total Projec * Constructi	ct Cost:		\$24,700 6129,093 estruction S	Support ph	ase are NOT a	uthorized
	(G13 Contingency)								
Carryover			Program Co Performano		201.122 R re 49.0 L	oadway R ane mile(s		on (2R)	
05-Monterey-1 20.4 2230 0500020288	Near Lucia, at 0.6 mile south of Limekiln Creek Bridge. Replace culvert.	2019-20	R/W: Const:	\$23 \$1,527	PA&ED: PS&E: R/W Sup: Con Sup:	\$936 \$1,124 \$113 \$575	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 10/28/2019 2/3/2020 6/1/2020
			Subtotal: Total Project	\$1,550 ct Cost:		\$2,748 \$4,298			
Carryover			Program Co		201.151 E re 1 C	rainage Sy culvert(s) (oration	
05-Monterey-Var 2634 0516000015	In Monterey and Santa Cruz Counties, on various Routes and locations. Replace overhead signs.	1H040 d 2019-20	R/W: Const:	\$1,680	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$38 \$537	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/9/2016 7/2/2019 11/22/2019 6/17/2020
			Subtotal: Total Project	\$1,680 ct Cost:		\$1,575 \$3,255			
V			Program Co			igns and L	ighting Re	habilitation	
New			1 er for mane	e ivicasu	16 02 5	igii(s)			
MOBILITY 05-Monterey-Var 2735 0517000047	In various counties, on various routes and at various locations. Replace and upgrade existing detection field elements for the Traffic Management System (TMS).	1H990 2019-20	R/W: Const:	\$21 \$3,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$585 \$1,160 \$20 \$465	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/5/2018 1/3/2020 4/1/2020 11/6/2020
			Subtotal: Total Project	\$3,221 ct Cost:		\$2,230 \$5,451		•	
Carryover			Program Co			ransportat		ement Systems	



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Dist- Co-Rte Post Mile PPNO EFIS 05-Monterey-101 86.0/95.8 0064Q 0516000016		EA			COS Allocation				
	Location/Description In and near Salinas, from 0.4 mile north of Airport Boulevard Overcrossing to 0.3 mile south of San Miguel Canyon Road Overcrossing. Install vehicle detection systems, Changeable Message Signs (CMS), cameras, and a vehicle pullout.	0N200 2018-19	Capital		Support		FY	Milestones	
			R/W: Const:	\$9 \$1,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$1,000 \$45 \$420	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/16/2018 1/11/2019 4/15/2019 9/16/2019
			Subtotal: Total Proje	\$1,509 ect Cost:		\$1,725 \$3,234			
Carryover			Program C		201.315 Transportation Management Systems 11 Field element(s)				
	NEDVATION.								
05-Monterey-Var 2704 0517000040	In Santa Barbara, San Luis Obispo, Monterey and San Benito Counties, at various locations. Advance mitigation banking credits.	1H970 2018-19	R/W: Const:	\$2,919	PA&ED: PS&E: R/W Sup: Con Sup:	\$140 \$80	Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	6/9/2017
			Subtotal: Total Proje	\$2,919 ect Cost:		\$220 \$3,139		•	
Carryover			Program C		201.240 R re 3 L	oadside E		nt	
MULTIPLE OBJE	ECTIVE								
05-Monterey-101 R3.1/R5.2 2705 0517000054	At Camp Roberts Safety Roadside Rest Areas; also in San Luis Obispo County on Route 46 at Shandon Safety Roadside Rest Area (SRRA) (PM 49.5). Transportation infrastructure improvement for zero-emission vehicle charging. (PA&ED, PS&E, R/W Sup Only)	1J040 2018-19	* R/W: * Const:	\$5 \$1,210	PA&ED: PS&E: R/W Sup: * Con Sup:	\$480 \$18 \$715	Prior Prior 18-19		
			Subtotal: Total Proje * Const, * R		n Sup phase(\$1,213 \$2,428 (s) are NO	T authoriz	ed	
Carryover			Program Code 201.999 MULTIP Performance Measure 3 Location(IVE	
05-Monterey-183 R8.4/R9.8 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 Intelligent Transportation System (ITS) elements, improve pedestrian, bicycle, and American with Disabilities Act (ADA) facilities	1H650 2021-22	R/W: Const:	\$2,300 \$13,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,600 \$3,000 \$6,600 \$3,200	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/5/2020 4/14/2022 4/15/2022 10/26/2022
			Subtotal: Total Proje	\$15,600 ect Cost:		\$15,400 \$31,000			

2018 SHOPP Project List Monterey



Post Mile PPNO		EA		COS Allocation				
EFIS	Location/Description		Capital	Support	FY	Milestones		
		Monterey Cour	ity					
		R/W	: \$9,659	PA&ED: \$16,28	5			
		Const	\$252,781	PS&E: \$37,96	6			
				R/W Sup: \$10,62	6			
				Con Sup: \$43,54	1			
		Subtotal	\$262,440	\$108,41	3			
		Total (C	apital + Supr	oort): \$370,85	8			





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Dist-Co-Rte Post Mile PPNO	To a control (Donate Control	EA	G.	24.1	6		COS Allocation		
EFIS	Location/Description	Prog Year	Сар	ıtaı	Suppo	ort	FY	Miles	tones
04-Napa-29 11.4 1488P 0414000426	DUCTION In Napa, at northbound ramps and 1st Street. Construct roundabout.	2J100 2018-19	R/W: Const:	\$0 \$4,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$2,200	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/18/2016 4/15/2018 4/15/2018 2/22/2019
			Subtotal: Total Proje	\$4,500 ect Cost:		\$2,450 \$6,950			
Carryover			Program (201.010 S are 48 C	afety Impi			
04-Napa-121 0.5/1.0 0775G 0412000310	Near Napa, at Huichica Creek (PM 0.75). Roadway widening.	4G210 2019-20	R/W: Const:	\$1,852 \$12,247	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,750 \$1,530 \$90 \$3,000	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2018 10/4/2019 10/4/2019 7/17/2020
			Subtotal: Total Proje	\$14,099 ect Cost:		\$6,370 \$20,469			
Carryover			Program (Performan		201.010 S are 0 C	afety Impi			
04-Napa-121 0.5/1.0 0775H 0418000217	Near Napa, at Huichica Creek (PM 0.75). Mitigation planting, monitoring and reporting for EA 04-4G210.	4G21A 2021-22	R/W: Const:	\$1,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$900	21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2018 6/29/2022 6/29/2022 12/8/2022
			Subtotal: Total Proje	\$1,000 ect Cost:		\$900 \$1,900			
Carryover			Program (201.010 S are 0 C	afety Improof			
<u>IANDATES</u>									
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 and within the	4J990 2021-22	R/W: Const:	\$590 \$7,566	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,820 \$1,300 \$167 \$1,300	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 5/1/2022 6/1/2022 11/1/2022
	adjacent State Park for compliance unit credits towards Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals.	,	Subtotal: Total Proje	\$8,156 ect Cost:		\$4,587 \$12,743			
			Program (er Mitigatio		
New			Performan	ce Measu	re /0 A	cre(s) trea	ited/polluta	nι	





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Dist-Co-Rte Post Mile PPNO		EA			2		COS Allocation		
04-Napa-29	Location/Description In and near the cities of American Canyon and	Prog Year 0K000	Cap	s80	Suppo PA&ED:	\$275	FY 18-19	Miles PA&ED:	3/1/2020
0.2/14.6 1496E 0416000040	Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make	2021-22	Const:	\$989	PS&E: R/W Sup: Con Sup:	\$276 \$92 \$203	20-21 18-19 21-22	R/W Cert: RTL: Begin Con:	10/1/2022 1/2/2022 7/1/2022
	facilities compliant with Americans with Disabilities Act (ADA) requirements.		Subtotal: Total Proje	\$1,069 ect Cost:		\$846 \$1,915		1	
New			Program C			mericans urb ramp(ilities Act New	Curb Ram
RIDGE PRESE	RVATION								
04-Napa-121 18.6 1489K 0415000288	Near Napa, at Capell Creek Bridge No. 21 -0064. Bridge rehabilitation.	4J210 2019-20	R/W: Const:	\$225 \$2,440	PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$735 \$100 \$735	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 3/1/2020 4/15/2020 10/30/2020
			Subtotal: Total Proje	\$2,665 ect Cost:		\$2,060 \$4,725			
Carryover			Program C		201.110 B re 1 B	ridge Maj ridge(s)	or Rehabili	itation	
04-Napa-128 5.1 1451C 0416000038	Near Rutherford, at Hopper Slough Bridge No. 20-0019. Replace bridge.	4J830 2021-22	R/W: Const:	\$1,514 \$7,864	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,074 \$1,988 \$206 \$2,014	18-19 20-21 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 4/4/2022 5/2/2022 12/1/2022
			Subtotal: Total Proje	\$9,378 ect Cost:		\$6,282 \$15,660		1	
New			Program C		201.110 B re 1 B	ridge Maj ridge(s)	or Rehabili	itation	
04-Napa-29 37.0 0587M	In Calistoga, at Napa River Bridge No. 21-0018 Environmental mitigation and plant establishment for bridge replacement project.	3G64A 2018-19	R/W: Const:	\$85 \$500	PA&ED: PS&E: R/W Sup:	\$640 \$400	Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	2/9/2015 6/14/2019 6/28/2019
0416000349			Subtotal: Total Proje	\$585	Con Sup:	\$150 \$1,190 \$1,775	18-19	Begin Coll.	12/2//2015
Carryover			Program C		201.111 B re 1 B	ridge Scor	ur Mitigatio	on	





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	EA				1	COS Allocation	1	
Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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	2021-22	R/W: Const:	\$295 \$7,111	PA&ED: PS&E: R/W Sup: Con Sup:		18-19 20-21 20-21 21-22		
widen shoulders to make standard.					\$3,030 \$13,056			
					•	Replacem	ent and Upgrac	le
In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance.	2J770 2019-20	R/W: Const:	\$495 \$2,844	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$710 \$236 \$850	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 3/1/2020 4/15/2020 10/30/2020
		Subtotal: Total Proje	\$3,339 ect Cost:		\$2,696 \$6,035			
		Ü			•	ventative M	faintenance	
Near Calistoga, at Garnett Creek Bridge No. 21 -0005. Bridge preventative maintenance.	2J880 2019-20	R/W: Const:	\$317 \$1,100	PS&E: R/W Sup:	\$1,100 \$330	Prior 18-19 18-19 19-20		
		Subtotal: Total Proje	\$1,417 ect Cost:		\$3,850 \$5,267			
		_				ventative M	laintenance	
SERVATION								
	4J300 2020-21	R/W: Const:	\$20 \$9,647	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$1,100 \$44 \$1,100	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 10/1/2020 11/2/2020 6/30/2021
		Subtotal: Total Proje	\$9,667 ect Cost:		\$3,144 \$12,811			
							on (CAPM)	
	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. In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance. Near Calistoga, at Garnett Creek Bridge No. 21-0005. Bridge preventative maintenance.	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. In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance. Near Calistoga, at Garnett Creek Bridge No. 21 2J880 2019-20 Near Calistoga, at Garnett Creek Bridge No. 21 2J880 2019-20 SERVATION In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement 4J300 2020-21	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. 21-0014 (PM 17.81), and California Drive Undercrossing No. 21-0017 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard. In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0019, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance. Near Calistoga, at Garnett Creek Bridge No. 21 2J880 Program Creek Bridge Preventative maintenance. Near Calistoga, at Garnett Creek Bridge No. 21 2J880 R/W: Const: Subtotal: Total Proj. Subtotal: T	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), and California Drive Undercrossing No. 21-0047 (PM 16.48), Perfume Creek Bridge No. 21-0046 (PM 16.48), Poly Texe Bridge No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard. In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance. Near Calistoga, at Garnett Creek Bridge No. 21 Subtotal: \$3,339 Total Project Cost: Program Code Performance Measure Creek Bridge Preventative maintenance. Near Calistoga, at Garnett Creek Bridge No. 21 Near Calistoga, at Garnett Creek Bridge No. 21 Subtotal: \$1,417 Total Project Cost: Program Code Performance Measure Const. Subtotal: \$1,417 Total Project Cost: SERVATION In and near St. Helena and Calistoga, from York Al300 Creek Bridge to Route 128. Pavement 2020-21 Creek Bridge to Route 128. Pavement 2020-21 Const. \$9,647 Total Project Cost:	In and near the cities of Napa and Yountville, at Crajt (Crajt (Creek Bridge No. 21-0048 (PM II 4.11), 2021-22 Const. \$7,111 PS&E: R/W Sup: Con Sup: 1-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	In and near the cities of Napa and Yountville, at OK630 Canig Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0015 (PM 17.81), and California Drive Undercrossing No. 21 Oud-7 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	Location/Description	F.A. Capital Capita



(\$1,000)

Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	Miles	tones
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: Const:	\$294 \$3,336	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,086 \$786 \$350 \$706	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/2/2020 5/2/2022 6/30/2022 1/11/2023
			Subtotal: Total Proje	\$3,630 ect Cost:		\$2,928 \$6,558			
Carryover			Program C			Prainage Sy Sulvert(s) (ystem Resto	oration	
		Napa	County	\$5.767	DA &FD:	¢12.215			

R/W: \$5,767 PA&ED: \$13,215

Const: \$61,144 PS&E: \$11,615

R/W Sup: \$2,365

Con Sup: \$15,758

Subtotal: \$66,911 \$42,953

\$109,864

Total (Capital + Support):



		(*	* *					
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	ı Milesi	tones
	<u> </u>			····				
03-Nevada-20 25.8/45.7 4001 0318000129	In Nevada, El Dorado, Yuba, Placer, and Yolo Counties, on Routes 16, 20, 49, 50, 70, and 80 a various locations. Construct rumble strips.	4H030 t 2018-19	R/W: Const: \$	\$3 PA&ED: 927 PS&E: R/W Sup: Con Sup:	\$340 \$40	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 1/4/2019 2/5/2019 7/5/2019
			Subtotal: \$ Total Project Co	930 ost:	\$890 \$1,820			
Carryover			Program Code Performance M		Safety Imp	provements s) reduced		
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 2019-20	R/W: \$ Const: \$8,	613 PA&ED: 237 PS&E: R/W Sup: Con Sup:	\$976 \$291	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 5/1/2020 5/1/2020 11/1/2020
			Subtotal: \$8, Total Project Co		\$3,649 \$12,499			
Carryover			Program Code Performance M		Safety Imp	provements 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 2019-20	R/W: \$1, Const: \$27,	380 PA&ED: 480 PS&E: R/W Sup: Con Sup:	\$2,810 \$410	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 4/15/2020 5/15/2020 11/15/2020
			Subtotal: \$28, Total Project Co		\$10,620 \$39,480			
Carryover			Program Code Performance M		Safety Imp	provements s) reduced		
03-Nevada-174 2.7/4.7 4451 0314000152	Near Rollins Lake, from Maple Way to You Bet Road. Realign roadway curves.	t 4F370 2018-19	R/W: \$2, Const: \$17,		\$2,100 \$2,300	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/2/2016 2/1/2019 2/1/2019 7/1/2019
			Subtotal: \$19, Total Project Co		\$9,300 \$28,803			
Carryover			Program Code Performance M		Safety Imp	provements s) reduced		



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** R/W: In and near Truckee, from east of Kingvale 4F600 \$5 PA&ED: \$410 8/23/2017 03-Nevada-80 Prior PA&ED: Undercrossing to west of Union Mills Bridge 0.0/20.02018-19 Const: \$12,308 PS&E: \$660 Prior R/W Cert: 10/15/2018 and Overhead. Replace guardrail with concrete 4288 R/W Sup: \$30 Prior RTL: 11/1/2018 barrier. 0314000228 Begin Con: Con Sup: \$950 18-19 4/1/2019 Subtotal: \$12,313 \$2,050 **Total Project Cost:** \$14,363 **Program Code** 201.015 Collision Severity Reduction 24 Collision(s) reduced Carryover Performance Measure R/W: 03-Nevada-80 1H840 PA&ED: \$120 18-19 7/15/2019 In and near Truckee, at various locations from \$30 PA&ED: 1.0 mile east of Donner Lake Undercrossing to R10.0/31.7 2020-21 \$3,200 PS&E: \$180 19-20 R/W Cert: 10/1/2020 Const: the Sierra County line. Replace guardrail with 4297 19-20 RTL: 10/15/2020 R/W Sup: \$30 concrete barrier at twenty-one locations to 0317000008 Con Sup: \$360 20-21 Begin Con: 4/15/2021 reduce maintenance repairs. \$3,230 \$690 Subtotal: **Total Project Cost:** \$3,920 **Program Code** 201.015 Collision Severity Reduction **Performance Measure** 30 Collision(s) reduced New **MANDATES** 3F680 R/W: PA&ED: \$180 Prior 03-Nevada-174 In Grass Valley, from Park Street to Route 20. \$150 6/1/2018 PA&ED: Upgrade pedestrian infrastructure to meet 9.7/10.1 2020-21 PS&E: \$330 Prior R/W Cert: 3/5/2021 Const: \$1,660 Americans with Disabilities Act (ADA) 4450 R/W Sup: \$86 Prior RTL: 3/15/2021 requirements. 0313000047 Con Sup: \$360 20-21 Begin Con: 9/2/2021 \$1,810 \$956 Subtotal: **Total Project Cost:** \$2,766 **Program Code** 201.361 Americans with Disabilities Act New Curb Ramps **Performance Measure** 86 Curb ramp(s) Carryover ROADWAY PRESERVATION 03-Nevada-80 Near Truckee and Floriston, from 0.2 mile east 1H010 R/W: \$90 PA&ED: \$570 18-19 PA&ED: 8/1/2019 of Truckee River Bridge to 0.8 mile west of 28.3/28.7 2020-21 \$11,400 PS&E: \$1,150 19-20 R/W Cert: 9/15/2020 Const: Farad Road. Construct measures to address cut-4293 19-20 R/W Sup: \$160 RTL: 10/15/2020 slope erosion and rockfall. Begin Con: 0316000046 \$1,020 20-21 4/1/2021 Con Sup: Subtotal: \$11,490 \$2,900 **Total Project Cost:** \$14,390 **Program Code** 201.150 Roadway Protective Betterments New **Performance Measure** 1 Location(s)



Dist-Co-Rte Post Mile									
Post Mille							cos		
PPNO		EA				I	Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	stones
03-Nevada-80 29.1/29.4 4287 0312000133	Near Truckee, from east of Floriston Road to west of Farad Undercrossing. Stabilize cutslope.	3F250 2018-19	R/W: Const:	\$200 \$9,690	PA&ED: PS&E: R/W Sup: Con Sup:	\$570 \$840 \$110 \$1,110	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/201 5/15/201 5/31/201 11/30/201
			Subtotal: Total Proje	\$9,890 ect Cost:		\$2,630 \$12,520			
Carryover			Program C			Roadway P.		Betterments	
03-Nevada-80	Near Truckee and Floriston, from Farad Road to	2H000	R/W:	\$90	PA&ED:	\$440	18-19	PA&ED:	1/2/201
29.5/29.7	2.17 mile west of Sierra County line. Mitigate	2020-21	Const:	\$3,400	PS&E:	\$750	18-19	R/W Cert:	10/1/202
4298	rockfall and stabilize cut-slope erosion with draped mesh and a drainage ditch.				R/W Sup:	\$280	18-19		10/15/202
0317000044	draped mesh and a dramage ditch.				Con Sup:	\$610	20-21	Begin Con:	4/15/202
			Subtotal:	\$3,490		\$2,080			
			Total Proje	ect Cost:		\$5,570			
				ce Measu		ocation(s)		1	
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: Const: Subtotal:	\$30 \$6,200 \$6,230	PA&ED: PS&E: R/W Sup: Con Sup:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/202 10/15/202
31.3/31.8 4299	of Farad Road to the Sierra County line. Construct mitigation measures to reduce		Const: Subtotal:	\$30 \$6,200 \$6,230 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730	18-19 19-20 19-20 21-22	R/W Cert: RTL:	8/1/201 10/1/202 10/15/202 5/1/202
31.3/31.8 4299 0317000172 New	of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway. Near Higgins Corner, from the Placer County	2021-22 0H210	Const: Subtotal: Total Proje Program C Performan R/W:	\$30 \$6,200 \$6,230 ect Cost: Code ce Measu \$325	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 R re 1 L PA&ED:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730 Coadway P	18-19 19-20 19-20 21-22	R/W Cert: RTL: Begin Con:	10/1/202 10/15/202 5/1/202
31.3/31.8 4299 0317000172 New 03-Nevada-49 0.0/7.5	of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway. Near Higgins Corner, from the Placer County line to 0.3 mile north of Lime Kiln Road; also in	2021-22 0H210	Const: Subtotal: Total Proje Program C Performan	\$30 \$6,200 \$6,230 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 F re 1 L PA&ED: PS&E:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730 Coadway P cocation(s) \$513 \$743	18-19 19-20 19-20 21-22 rotective B	R/W Cert: RTL: Begin Con: Betterments PA&ED: R/W Cert:	10/1/202 10/15/202 5/1/202 1/2/202 10/1/202
31.3/31.8 4299 0317000172 New 03-Nevada-49 0.0/7.5 4124	of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway. Near Higgins Corner, from the Placer County	2021-22 0H210	Const: Subtotal: Total Proje Program C Performan R/W:	\$30 \$6,200 \$6,230 ect Cost: Code ce Measu \$325	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 Fre 1 L PA&ED: PS&E: R/W Sup:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730 Roadway P Location(s) \$513 \$743 \$547	18-19 19-20 19-20 21-22 rotective E	R/W Cert: RTL: Begin Con: Betterments PA&ED: R/W Cert:	10/1/202 10/15/202
31.3/31.8 4299 0317000172 New 03-Nevada-49 0.0/7.5	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.	2021-22 0H210	Const: Subtotal: Total Proje Program C Performan R/W:	\$30 \$6,200 \$6,230 ect Cost: Code ce Measu \$325 \$3,257	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 F re 1 L PA&ED: PS&E:	\$410 \$890 \$120 \$1,080 \$2,500 \$8,730 Coadway P cocation(s) \$513 \$743	18-19 19-20 19-20 21-22 rotective B	R/W Cert: RTL: Begin Con: Betterments PA&ED: R/W Cert: RTL:	10/1/202 10/15/202 5/1/202 1/2/202 10/1/202 10/15/202





		(\$	1,000)						altrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY		tones
03-Nevada-49 7.5/R14.4 4123 0315000113	In and near Grass Valley, from Lime Kiln Road to Route 20. Rehabilitate culverts.	0H220 2018-19	R/W: Const:	\$80 \$2,970	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$550 \$350 \$590	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/31/2017 4/15/2019 4/30/2019 10/30/2019
			Subtotal: Total Proje	\$3,050 ect Cost:		\$1,930 \$4,980			
Carryover			Program C			rainage Sy ulvert(s) (ystem Resto	oration	
IOBILITY									
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	2020-21	R/W: Const:	\$110 \$1,280	PA&ED: PS&E: R/W Sup: Con Sup:	\$170 \$280 \$120 \$460	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 9/1/2020 10/1/2020 4/1/2021
	various locations from PM 6.7 to 8.5. Operational improvements to upgrade or construct roadway turnouts at five locations.		Subtotal: Total Proje	\$1,390 ect Cost:		\$1,030 \$2,420			
New 03-Nevada-20 28.0/32.4 3996	Nevada-20 Near Nevada City and Junction House, from 8.0/32.4 east of Conservation Road (Washington Ridg	0H660 2020-21	Program C Performano R/W: Const:			•	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	2/1/2020 2/1/2021 3/1/2021
0316000004	improvements to widen for left-turn pockets and roadway turnouts.		Subtotal:	\$1,990	Con Sup:	\$530 \$1,400	20-21	Begin Con:	8/1/2021
			Total Proje	. ,		\$3,390			
N.			Program C			1	Improvem	ents of delay (DVH	D)
New									
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		R/W: Const:	\$20 \$1,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$340 \$530 \$140 \$410	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 10/1/2020 10/15/2020 4/15/2021
	:		Subtotal: Total Proje	\$1,920 ect Cost:		\$1,420 \$3,340		1	
New			Program C			•	Improvem	ents of delay (DVH	D)

2018 SHOPP Project List Nevada (\$1,000)



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	Milest	tones
03-Nevada-49 4125 0315000166	In various counties on various routes at various locations. Repair and install vehicle census count stations.	0H420 2019-20	R/W: Const:	\$30 \$9,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$1,000 \$180 \$1,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2018 9/1/2019 10/1/2019 4/15/2020
			Subtotal: Total Proje	\$9,230 ect Cost:		\$3,980 \$13,210			
Carryover			Program (ransporta	Č	ement Systems	

Nevada County
R/W: \$5,749 PA&ED: \$12,329
Const: \$122,009 PS&E: \$14,599
R/W Sup: \$5,254
Con Sup: \$18,253
Subtotal: \$127,758 \$50,435
Total (Capital + Support): \$178,193



Dist-Co-Rte Post Mile PPNO EFIS COLLISION RED 12-Orange-1	Location/Description						cos		
COLLISION RED	Location/Description	EA					Allocation		
	Edeation/ Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	tones
12-Orange-1	<u>UCTION</u>								
24.9 2527 1214000116	In Huntington Beach, at 6th Street; also in Seal Beach at Seal Beach Boulevard (PM 32.7). Modify traffic signals and install additional lighting.	0N850 2018-19	R/W: Const:	\$172 \$960	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$412 \$750 \$490	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/22/2018 6/5/2019 6/15/2019 12/11/2019
			Subtotal: Total Proje	\$1,132 ect Cost:		\$1,802 \$2,934			
Carryover			Program (201.010 Sa re 47 C	afety Impr			
12-Orange-1 27.0/29.9 2470A 1216000120	In Huntington Beach, from Seapoint Street to Warner Avenue at Boisa Chica State Beach. Construct rumble strips and install outer separation barrier in southbound direction.	0Q280 2019-20	R/W: Const:	\$1,148	PA&ED: PS&E: R/W Sup: Con Sup:	\$515 \$605 \$492	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2018 1/15/2020 1/30/2020 6/1/2020
			Subtotal: Total Proje	\$1,148 ect Cost:		\$1,612 \$2,760			
Carryover			Program (201.010 Sa re 2 C	afety Impr ollision(s)			
12-Orange-5 37.3/37.4 2861F 1216000123	In Anaheim, on the northbound Harbor Boulevard offramp; also on the southbound Harbor Boulevard onramp. Modify traffic signal system and apply High Friction Surface Treatment (HFST).	0Q300 2018-19	R/W: Const:	\$18 \$1,432	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,285 \$493	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/16/2017 5/3/2019 6/5/2019 11/15/2019
	Treatment (Th'ST).		Subtotal: Total Proje	\$1,450 ect Cost:		\$1,778 \$3,228			
Carryover			Program (Performan		201.010 Sare 38 C	afety Improllision(s)			
12-Orange-22 R6.9 2930 1216000070	In Garden Grove, at westbound on ramp from Euclid Street. Overlay with Open Graded Friction Course (OGFC).	0P980 2018-19	R/W: Const:	\$559	PA&ED: PS&E: R/W Sup: Con Sup:	\$381 \$327	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/16/2017 7/2/2018 8/1/2018 4/3/2019
			Subtotal: Total Proje	\$559 ect Cost:		\$708 \$1,267			
Carryover			Program C		201.010 Sa	afety Impr			



		(\$	1,000)						altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	ı Milesi	tones
12-Orange-22 R9.4/R10.1 2981 1215000137	In the cities of Orange and Santa Ana, from Lewis Street Overcrossing to east of Bristol Street Undercrossing; also on Route 57, from PM 10.9/11.9. Replace concrete median barrier and add lighting in median.	0P520 2019-20	R/W: Const:	\$5 \$3,815	PA&ED: PS&E: R/W Sup: Con Sup:	\$591 \$1,247 \$1,257	Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/7/201 2/1/202 3/2/202 11/2/202
	and add righting in median.		Subtotal: Total Proje	\$3,820 ect Cost:		\$3,095 \$6,915			
Carryover			Program C		201.010 S	Safety Impo			
12-Orange-39 5.1/8.1 3167 1215000022	In Huntington Beach, Westminster and Garden Grove, at the intersections of Heil Avenue (PM 5.14), MacDonald Street (PM 5.30) and Trask Avenue (PM 8.14); also on Route 90 in Brea at the intersection of Castlegate Lane/Placentia Avenue (PM 5.93). Modify existing signals and	0P010 2018-19	R/W: Const:	\$364 \$2,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$750 \$420 \$820	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/5/20 6/3/20 6/7/20 12/2/20
	Avenue (PM 5.93). Modify existing signals and lighting and upgrade Americans with Disabilities Act (ADA) facilities to current standards.		Subtotal: Total Proje	\$2,864 ect Cost:		\$2,490 \$5,354			
Carryover			Program C		201.010 S	Safety Impo			
12-Orange-39 19.4 3279 1216000122	In the city of La Habra, at Fashion Square Lane. Modify traffic signal and add lighting.	. 0Q290 2018-19	R/W: Const:	\$10 \$820	PA&ED: PS&E: R/W Sup: Con Sup:	\$185 \$575 \$400	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/1/20 5/1/20 6/1/20 12/1/20
			Subtotal: Total Proje	\$830		\$1,160 \$1,990			
Carryover			Program C		201.010 S re 25 C	Safety Impi Collision(s)			
12-Orange-55 10.7 3510 1214000073	In Tustin, on the 4th Street northbound offramp. Modify traffic signals and install additional lighting.	. 0N630 2018-19	R/W: Const:	\$11 \$646	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$427 \$318	Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	12/2/20 2/1/20 3/1/20 6/11/20
			Subtotal: Total Proje	\$657		\$845 \$1,502			
			Program C		201.010 S				
Carryover			Performan	ce ivieasu	11 C	Collision(s)	reduced		



Dist-Co-Rte Post Mile PPNO EA Capital Support FY Milestones

12-Orange-73 In Laguna Beach, on southbound Route 73, 16.8/17.1 from Route 133 to 0.2 mile north of Route 133. 2018-19 Const: \$980 PS&E: \$637 Prior R/W Cert: 11/15/4096P Modify superelevation, install drainage inlets, R/W Sup: RTL: 12/10/

12-Orange-73 16.8/17.1 4096P 1214000115	In Laguna Beach, on southbound Route 73, from Route 133 to 0.2 mile north of Route 133. Modify superelevation, install drainage inlets, place Open Graded Asphalt Concrete (OGAC) and place pavement delineation.	0N840 2018-19	R/W: Const:	\$980	PA&ED: PS&E: R/W Sup: Con Sup:	\$637 \$410	Prior 18-19		3/21/2017 11/15/2018 12/10/2018 7/29/2019
			Subtotal: Total Proje	\$980 ect Cost:		\$1,047 \$2,027			
			Program C		201.010 S	, ,			
Carryover			Performan	ce Measu	re 57 C	Collision(s)	reduced		
12-Orange-73 24.0 4096R 1214000123	In Newport Beach, on the Route 73 southbound off-ramp to MacArthur Boulevard. Widen ramp, install traffic signal and guardrail.	0N860 2019-20	R/W: Const:	\$388 \$7,347	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$1,500 \$130 \$1,531	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 2/3/2020 2/28/2020 12/1/2020
			Subtotal: Total Proje	\$7,735 ect Cost:		\$3,661 \$11,396			
Carryover			Program C		201.010 S re 82 C	afety Impr Collision(s)			
12-Orange-74 2.9/5.1 4124B 1214000104	Near San Juan Capistrano, from east of Antonio Parkway/La Pata Avenue to west of Conrock entrance. Landscape and plant establishment project.	0L722 2018-19	R/W: Const:	\$20 \$850	PA&ED: PS&E: R/W Sup: Con Sup:	\$400 \$620	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 8/1/2018 12/30/2018 9/1/2019
			Subtotal: Total Proje	\$870 ect Cost:		\$1,020 \$1,890			
Carryover			Program C Performan		201.010 S re 8 C	afety Impr			
12-Orange-74 11.5/16.6 4218 1215000024	In the Cleveland National Forest, from 0.9 mile west of San Juan Fire Station to the Orange/Riverside County line. Super elevation corrections, shoulder widening, Open Graded Asphalt Concrete (OGAC) overlay and apply	0P030 2019-20	R/W: Const:	\$719 \$35,611	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,018	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/3/2018 6/1/2020 6/2/2020 1/4/2021
	High Friction Surface Treatment (HFST).		Subtotal: Total Proje	\$36,330 ect Cost:		\$16,015 \$52,345			

Program Code

Performance Measure

201.010 Safety Improvements

160 Collision(s) reduced

Carryover



		(3	1,000)					L	altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	ı Miles	tones
12-Orange-91 R2.8 4533A	In Buena Park, on the 91 eastbound connector from northbound Route 39 (Beach Boulevard). Overlay Hot Mix Asphalt (HMA) Open Graded	0Q040 2018-19	R/W: Const:	\$540	PA&ED: PS&E: R/W Sup:	\$360	Prior	PA&ED: R/W Cert: RTL:	6/16/201 7/1/201 10/1/201
1216000078	Friction Course (OGFC).		Subtotal: Total Proje	\$540 ect Cost:	Con Sup:	\$320 \$680 \$1,220	18-19	Begin Con:	3/1/201
Carryover			Program C		201.010 S	Safety Impo			
12-Orange-133 0.9/1.2 4769 1214000124	In Laguna Beach, at and north of Canyon Acres Drive. Extend the northbound lane reduction transition.	0N870 2018-19	R/W: Const:	\$536 \$1,189	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,100 \$150 \$789	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/4/201 10/1/201 11/1/201 6/19/201
			Subtotal: Total Proje	\$1,725 ect Cost:		\$2,039 \$3,764			
Carryover			Program C		201.010 S	Safety Impi Collision(s)			
12-Orange-133 3.1/3.6 4793 1213000097	In Laguna Beach, from 1,700 feet south to 1,300 feet north of El Toro Road. Extend lanes in both directions.	0 0N060 2019-20	R/W: Const:	\$1,230 \$6,032	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,215 \$1,820 \$550 \$2,109	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/201 4/3/202 5/22/202 2/5/202
			Subtotal: Total Proje	\$7,262 ect Cost:		\$5,694 \$12,956			
Carryover			Program C		201.010 S	Safety Impr Collision(s)			
12-Orange-261 0.0/0.3 4926F 1216000091	In Irvine, from Walnut Road to north of northbound Jamboree Road Overcrossing. Install double thrie-beam barrier to prevent cross-median collisions.	0Q130 2018-19	R/W: Const:	\$0 \$510	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$412 \$0 \$320	Prior	PA&ED: R/W Cert: RTL: Begin Con:	6/19/201 11/1/201 11/15/201 7/15/201
			Subtotal: Total Proje	\$510		\$732 \$1,242		<u> </u>	
a			Program C		201.010 \$				
Carryover			Performan	ce Measu	re st	Collision(s)	reduced		



		(\$	1,000)			Caltrans
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-405 6.9/10.3 4995A 1215000053	In Irvine and Costa Mesa, from Jamboree Road to Route 73. Replace existing temporary railing with permanent concrete barrier.		R/W: Const: \$3,170	PA&ED: \$200 PS&E: \$1,300 R/W Sup: Con Sup: \$1,200	Prior Prior 18-19	PA&ED: 8/31/201 R/W Cert: 11/15/201 RTL: 12/3/201 Begin Con: 6/11/201
			Subtotal: \$3,170 Total Project Cost:	\$2,700 \$5,870		
Carryover			Program Code Performance Measu	201.010 Safety Impare 8 Collision(s		
12-Orange-73 10.0/28.0 4051A 1214000093	In the cities of San Juan Capistrano, Laguna Nigel, Laguna Hills, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Route 5 to Route 405. Upgrade highway safety features.	0N720 2019-20	R/W: Const: \$16,500	PA&ED: \$730 PS&E: \$2,600 R/W Sup: \$58 Con Sup: \$3,200	Prior Prior Prior 19-20	PA&ED: 8/31/201 R/W Cert: 1/15/202 RTL: 2/5/202 Begin Con: 9/18/202
			Subtotal: \$16,500 Total Project Cost:	\$6,588 \$23,088		
Carryover			Program Code Performance Measu	201.015 Collision State 108 Collision(s	-	uction
12-Orange-133 3.4/13.6 4795A 1214000077	In and near Laguna Beach and Irvine, from El Toro Road to Route 241. Flatten steep embankments, replace and upgrade guardrail and terminal systems, install thrie-beam median	0N660 2018-19	R/W: Const: \$9,500	PA&ED: \$830 PS&E: \$1,943 R/W Sup: \$70 Con Sup: \$2,165	Prior Prior Prior 18-19	PA&ED: 12/15/201 R/W Cert: 3/15/201 RTL: 4/5/201 Begin Con: 9/9/201
	barrier and replace K-rail with concrete barrier.		Subtotal: \$9,500 Total Project Cost:	\$5,008 \$14,508		
Carryover			Program Code Performance Measu	201.015 Collision Stare 63 Collision(s	-	uction
12-Orange-5 31.0/33.3 2841 1214000054	In Santa Ana, from south of 4th Street to Broadway. Roadside safety improvements.	0N510 2018-19	R/W: Const: \$1,900	PA&ED: \$285 PS&E: \$390 R/W Sup: Con Sup: \$325		PA&ED: 4/1/201 R/W Cert: 2/1/201 RTL: 3/1/201 Begin Con: 12/1/201
			Subtotal: \$1,900 Total Project Cost:	\$1,000 \$2,900		
Carryover			Program Code Performance Measu	201.235 Maintenar	ice Access	evements/ Freeway



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Prog Year** Capital **Support Milestones** R/W: 8/1/2019 In and near Anaheim, from Santa Ana Bridge 0P900 \$0 PA&ED: \$270 18-19 12-Orange-5 PA&ED: No. 55-0811 to 0.6 mile south of Harbor 34.5/36.8 2020-21 Const: \$2,000 PS&E: \$400 18-19 R/W Cert: 9/1/2020 Boulevard Overcrossing. Enhance highway 2860N R/W Sup: 10/1/2020 \$0 RTL: worker safety by access trails and access gates, Begin Con: 1216000046 Con Sup: \$330 20-21 9/1/2021 relocating facilities away from traffic, and installing features to reduce repetitive \$2,000 \$1,000 Subtotal: maintenance activities. **Total Project Cost:** \$3,000 Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access New Performance Measure 40 Location(s) 0P910 R/W: 12-Orange-5 In Anaheim, from north of Anaheim Boulevard \$0 PA&ED: \$200 18-19 12/1/2019 PA&ED: to Santa Ana Street. Enhance highway worker 36.8/38.5 2020-21 \$2,000 PS&E: \$400 18-19 R/W Cert: 12/1/2020 Const: safety by access trails and access gates, 2861E 2/1/2021 R/W Sup: \$0 RTL: relocating facilities away from traffic, and Begin Con: 1216000047 Con Sup: \$400 20-21 11/1/2021 installing features to reduce repetitive maintenance activities. \$2,000 \$1,000 Subtotal: **Total Project Cost:** \$3,000 Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Performance Measure 40 Location(s) New 12-Orange-5 In Anaheim, from Santa Ana Street 0P920 R/W: \$0 PA&ED: \$200 19-20 PA&ED: 8/1/2020 38.5/41.6 Overcrossing (OC) to 0.3 mile south of 2021-22 Const: \$2,000 PS&E: \$400 20-21 R/W Cert: 9/1/2021 Magnolia Avenue OC. Enhance highway 2861Z R/W Sup: \$0 RTL: 10/1/2021 worker safety by paving miscellaneous areas, 1216000044 Con Sup: \$400 21-22 Begin Con: 7/1/2022 install access gates and relocate irrigation facilities away from the edge of the road. \$2,000 \$1,000 Subtotal: \$3,000 **Total Project Cost:** Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Performance Measure 40 Location(s) New R/W: PA&ED: \$200 19-20 12-Orange-5 In Fullerton and Buena Park, from Magnolia 0P930 \$0 1/1/2021 PA&ED: 41.9/43.1 Avenue to Stanton Avenue; also on Route 91, 2021-22 \$2,000 PS&E: \$400 20-21 R/W Cert: 2/1/2022 Const: from Stanton Avenue to Brookhurst Street (PM 2862H R/W Sup: \$0 RTL: 4/1/2022 R2.8/1.2). Enhance highway worker safety by 1216000045 \$400 21-22 Begin Con: 4/1/2023 Con Sup: access trails and access gates, relocating facilities away from traffic, and installing \$1,000 \$2,000 Subtotal: features to reduce repetitive maintenance **Total Project Cost:** \$3,000 activities Roadside Safety Improvements/ Freeway 201.235 Maintenance Access **Program Code**

Performance Measure

80 Location(s)

New



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** R/W: 4/1/2019 12-Orange-55 In the city of Orange, from La Veta Avenue to 0N530 PA&ED: \$300 Prior PA&ED: Route 91. Roadside safety improvements. 13.2/R17.8 2019-20 Const: \$2,000 PS&E: \$440 18-19 R/W Cert: 3/1/2020 3535 R/W Sup: 3/30/2020 RTL: 1214000056 Begin Con: Con Sup: \$360 19-20 12/1/2020 \$2,000 \$1,100 Subtotal: **Total Project Cost:** \$3,100 Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Carryover Performance Measure 32 Location(s) R/W: 12-Orange-405 0N520 PA&ED: \$285 Prior 10/1/2018 In Irvine and Costa Mesa, from Von Karmen PA&ED: Avenue to west of Harbor Boulevard. Roadside 7.3/11.8 2019-20 \$1,900 PS&E: \$390 18-19 R/W Cert: 10/1/2019 Const: safety improvements. 4999D RTL: 11/30/2019 R/W Sup: 1214000055 Begin Con: Con Sup: \$325 19-20 8/1/2020 \$1,900 \$1,000 Subtotal: **Total Project Cost:** \$2,900 Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access **Performance Measure** 20 Location(s) Carryover **MANDATES** 12-Orange-1 In Newport Beach, from 815 feet south of Reef 0P660 R/W: \$0 PA&ED: \$271 18-19 PA&ED: 7/1/2019 Point Drive to 1,850 feet north of Crystal 2020-21 12.2/13.3 \$1,827 PS&E: \$628 19-20 R/W Cert: 5/1/2020 Const: Heights Drive. Restore bioswales. 2322B R/W Sup: \$0 RTL: 7/1/2020 Begin Con: 1215000158 Con Sup: \$501 20-21 12/1/2020 Subtotal: \$1,827 \$1,400 **Total Project Cost:** \$3,227 **Program Code** 201.335 Storm Water Mitigation Performance Measure 9 Acre(s) treated/pollutant New In San Juan Capistrano, from El Horno Street to 0P090 R/W: \$400 12-Orange-5 PA&ED: Prior 10/5/2018 PA&ED: south of Junipero Serra Road; also in Irvine, 10.1/10.6 2019-20 Const: \$2,729 PS&E: \$600 18-19 R/W Cert: 12/2/2019 from Route 133 to south of Sand Canyon 2632A R/W Sup: \$50 18-19 RTL: 2/3/2020 Avenue (PM 23.2/R23.7). Reconstruct slopes 1215000034 Con Sup: \$650 19-20 Begin Con: 11/2/2020 and apply vegetation to control sediment transport. \$2,729 \$1,700 Subtotal: \$4,429 **Total Project Cost: Program Code** 201.335 Storm Water Mitigation

Performance Measure

2.5 Acre(s) treated/pollutant

Carryover



		(2	1,000)					- L	altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY	ı Miles	tones
12-Orange-57 20.8/R22.6 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	0Q270 2021-22	R/W: Const:	\$0 \$6,797	PA&ED: PS&E: R/W Sup: Con Sup:	\$887 \$1,200 \$0 \$1,500	18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 2/1/2022 3/1/2022 8/1/2022
	Maximum Daily Load (TMDL) to the San Gabriel-Coyote Creek watershed.		Subtotal: Total Proj	\$6,797 ect Cost:		\$3,587 \$10,384			
New			Program (er Mitigatio		
12-Orange-142 3.5/4.7 5380A 1214000095	In Brea, from east of Chino Hills State Park entrance to east of Olinda Drive. Storm water mitigation.	0N730 2019-20	R/W: Const:	\$200 \$3,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$456 \$1,250 \$380 \$920	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/201 5/4/202 6/2/202 2/1/202
			Subtotal: Total Proj	\$3,600 ect Cost:		\$3,006 \$6,606			
Carryover			Program (er Mitigatio		
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: Const:	\$3,121 \$1,909	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$3,399 \$2,864 \$3,551	18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/201 9/1/202 10/1/202 4/1/202
			Subtotal: Total Proj	\$5,030 ect Cost:		\$9,814 \$14,844			
New			Program (Americans Curb ramp(ilities Act New	Curb Ram
12-Orange-74 0.1/1.8 4097C 1200020302	In San Juan Capistrano, from Route 5 to the Sar Juan Capistrano city line. Upgrade pedestrian facilities to meet current Americans with Disabilities Act (ADA) Standards.	n 0M090 2018-19	R/W: Const:	\$122 \$1,620	PA&ED: PS&E: R/W Sup: Con Sup:	\$290 \$940 \$600 \$1,128	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/3/201 6/3/201 6/15/201 3/5/202
			Subtotal: Total Proj	\$1,742 ect Cost:		\$2,958 \$4,700			
			Program (Code	201.361 A	Americans	with Disab	ilities Act New	Curb Ram
Carryover			Performan			Curb ramp(

2018 SHOPP Project List Orange (\$1,000)





		(-	1,000)						altrans
Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	Location/Description	Prog Year	Caj	oital	Suppo	ort	FY	Miles	tones
12-Orange-1 7.9/10.5 2300 1214000041	In Laguna Beach, from south of Ruby Street to Ledroit Street. Upgrade pedestrian facilities to Americans with Disabilities Act standards.	0M820 2019-20	R/W: Const:	\$2,100 \$8,328	PA&ED: PS&E: R/W Sup: Con Sup:		Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/5/201 7/5/201 7/19/201 2/10/202
			Subtotal: Total Proj	\$10,428 ect Cost:		\$7,365 \$17,793			
			Program (Code	201.378 II			ilities Act Pede	estrian
Carryover			Performa	nce Measu	re 187 C	Curb ramp(s)		
IDGE PRESE	RVATION								
12-Orange-1 9.3 2293 1213000086	In Laguna Beach, at Route 133 (Broadway Street). Replace bridge.	0M990 2019-20	R/W: Const:	\$800 \$1,550	PA&ED: PS&E: R/W Sup: Con Sup:	\$270 \$650 \$790 \$600	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/1/201 9/12/201 9/12/201 11/19/201
			Subtotal:	\$2,350		\$2,310			
			Total Proj	ect Cost:		\$4,660			
12-Orange-Var 3450A 1217000003	In Costa Mesa, at the Route 55/73 Connector Overcrossing Bridge No. 55-538F (PM 4.74), Route 91 Carmenita Road Pedestrian Overcrossing Bridge No. 55-0473 (PM 0.02) and Route 405 Laguna Canyon Road	0Q390 2020-21	R/W: Const:	\$15,456	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,048 \$2,279 \$11 \$5,381	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/25/201 1/15/202 2/2/202 9/9/202
	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration.		Subtotal: Total Proj	\$15,456 ect Cost:		\$8,719 \$24,175			
New	Overcrossing Bridge No. 55-0247 (PM 2.20).			ect Cost:	201.113 E re 3 E	\$24,175 Bridge Seis	mic Restor	ation	
New	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration.		Total Proj	ect Cost:		\$24,175	mic Restor	ation	
New 12-Orange-1 4.9/5.5 2246 1216000055	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration. SERVATION In Laguna Beach and Newport Beach, from 1,000 feet south of Vista Del Sol to Moss Street; also from Ledroit Street to Newport Coast Drive (PM 10.5/14.1). Remove and replace existing		Total Proj	ect Cost:		\$24,175 Bridge Seis Bridge(s) \$3,200 \$400	Prior 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/30/200 5/1/202 6/1/202 1/4/202
DADWAY PRE 12-Orange-1 4.9/5.5 2246	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration. SERVATION In Laguna Beach and Newport Beach, from 1,000 feet south of Vista Del Sol to Moss Street; also from Ledroit Street to Newport Coast Drive	2019-20	Program (Performan	Code nce Measu \$65 \$7,071	PA&ED: PS&E: R/W Sup:	\$24,175 Bridge Seis Bridge(s) \$3,200 \$400	Prior 19-20	PA&ED: R/W Cert: RTL:	5/1/202 6/1/202
DADWAY PRE 12-Orange-1 4.9/5.5 2246	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration. SERVATION In Laguna Beach and Newport Beach, from 1,000 feet south of Vista Del Sol to Moss Street; also from Ledroit Street to Newport Coast Drive (PM 10.5/14.1). Remove and replace existing pavement with Rubberized Hot Mix Asphalt	2019-20	Program C Performan R/W: Const: Subtotal:	\$65 \$7,071 \$7,136 Sect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$24,175 Bridge Seis Bridge(s) \$3,200 \$400 \$1,739 \$5,339 \$12,475	Prior 19-20 19-20	PA&ED: R/W Cert: RTL:	5/1/202 6/1/202



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Prog Year** Capital **Support Milestones** R/W: In Laguna Beach, from 7th Street to Moss 0H151 PA&ED: 11/1/2018 12-Orange-1 PA&ED: Street. Remove and replace pavement and with 5.5/7.9 2020-21 Const: \$3,206 PS&E: R/W Cert: 9/1/2020 Rubberized Hot Mix Asphalt (RHMA). 2246A R/W Sup: 10/1/2020 RTL: 1218000057 Begin Con: Con Sup: \$779 20-21 9/1/2021 \$779 \$3,206 Subtotal: **Total Project Cost:** \$3,985 **Program Code** 201.121 Pavement Rehabilitation (CAPM) Carryover Performance Measure 9.5 Lane mile(s) R/W: In Laguna Beach, from south of Ruby Street to 0H153 PA&ED: 1/31/2018 12-Orange-1 PA&ED: Ledroit Street. Remove and replace payment 7.9/10.5 2019-20 Const: \$3,473 PS&E: R/W Cert: 2/1/2020 with Rubberized Hot Mix Asphalt (RHMA). 2246B R/W Sup: 3/1/2020 RTL: 1218000058 Begin Con: Con Sup: \$832 19-20 9/1/2020 \$3,473 \$832 Subtotal: **Total Project Cost:** \$4,305 **Program Code** 201.121 Pavement Rehabilitation (CAPM) Performance Measure 10.8 Lane mile(s) Carryover PA&ED: 12-Orange-1 In Huntington Beach, from Warner Avenue to 0P590 R/W: \$111 \$1,720 Prior PA&ED: 1/5/2019 Los Angeles County line. Upgrade Americans 29.9/33.7 2020-21 Const: \$8,770 PS&E: \$2,932 18-19 R/W Cert: 5/15/2021 with Disabilities Act (ADA) curb ramps, cold 2499A R/W Sup: \$1,245 18-19 RTL: 5/30/2021 plane pavement, and place Rubberized Hot Mix Begin Con: 1215000149 Con Sup: \$2,358 20-21 1/30/2022 Asphalt (RHMA) pavement. \$8,881 \$8,255 Subtotal: \$17,136 **Total Project Cost: Program Code** 201.121 Pavement Rehabilitation (CAPM) Performance Measure 14.9 Lane mile(s) Carryover 0P580 R/W: PA&ED: 12-Orange-90 In and near Brea, from Harbor Boulevard to \$478 Prior PA&ED: 11/1/2018 Randolph Avenue. Cold plane pavement and 2.6/5.1 2019-20 \$8,208 PS&E: \$1,249 18-19 R/W Cert: 12/3/2019 Const: place Rubberized Hot Mix Asphalt (RHMA) 4337 R/W Sup: \$129 18-19 RTL: 1/30/2020 pavement. 1215000148 19-20 Begin Con: 9/1/2020 Con Sup: \$2,269 \$8,208 \$4,125 Subtotal: **Total Project Cost:** \$12,333 201.121 Pavement Rehabilitation (CAPM) **Program Code**

Performance Measure

11.7 Lane mile(s)

Carryover



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EFIS EA Location/Description **Prog Year** FY **Milestones** Capital **Support** R/W: 12-Orange-91 In the city of Anaheim, from west of Lakeview 0N320 PA&ED: 6/3/2015 PA&ED: Avenue to Orange/Riverside County line. R9.8/R18.9 2018-19 Const: \$5,750 PS&E: \$1,740 Prior R/W Cert: 3/1/2019 Pavement rehabilitation. 4609B R/W Sup: 4/1/2019 RTL: 1213000196 Begin Con: Con Sup: \$1,740 18-19 9/1/2019 \$5,750 \$3,480 Subtotal: **Total Project Cost:** \$9,230 **Program Code** 201.121 Pavement Rehabilitation (CAPM) Carryover Performance Measure 90.0 Lane mile(s) R/W: In Newport Beach, from north of Superior 0N930 \$10 PA&ED: \$250 Prior PA&ED: 10/20/2017 12-Orange-1 Avenue to 60th Street. Rehabilitate drainage 20.5/20.9 2018-19 Const: \$1,095 PS&E: \$400 Prior R/W Cert: 2/1/2019 system. 2403A R/W Sup: 4/2/2019 RTL: 1215000009 Begin Con: Con Sup: \$400 18-19 11/6/2019 \$1,105 \$1,050 Subtotal: **Total Project Cost:** \$2,155 **Program Code** 201.151 Drainage System Restoration Performance Measure 14 Culvert(s) (ea) Carryover 0P700 PA&ED: 12-Orange-5 In San Clemente, adjacent to northbound R/W: \$15 \$452 Prior PA&ED: 3/1/2019 Avenida Pico offramp. Restore hydraulic 3.3 2019-20 Const: \$4,303 PS&E: \$963 18-19 R/W Cert: 5/1/2020 capacity of channel by repairing concrete panels 2563 R/W Sup: \$111 18-19 RTL: 6/1/2020 in channel slope and bottom. Begin Con: 12/11/2020 1216000004 Con Sup: \$1,080 19-20 \$4,318 \$2,606 Subtotal: **Total Project Cost:** \$6,924 **Program Code** 201.151 Drainage System Restoration Performance Measure 1 Culvert(s) (ea) Carryover 12-Orange-22 In Garden Grove, at Haster Street westbound 0N920 R/W: PA&ED: \$234 \$326 Prior PA&ED: 8/1/2017 offramp. Upgrade drainage system. R9.1 2019-20 Const: \$1,149 PS&E: \$410 Prior R/W Cert: 4/1/2019 5/1/2019 2948 R/W Sup: \$30 Prior RTL: 1215000010 \$468 19-20 Begin Con: 1/2/2020 Con Sup:

\$1,475

Subtotal:

Total Project Cost:

Program Code
Performance Measure

\$1,142

\$2,617

8 Culvert(s) (ea)

201.151 Drainage System Restoration

Carryover



		(\$	1,000)					- 4	altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cox	oital	Suppo		COS Allocation FY		stones
12-Orange-39 15.2/15.9 3230A 1212000031	In Buena Park, from Auto Center Drive to Craig Avenue. Rehabilitate drainage systems, install new inlets, Reinforced Concrete Pipes (RCP) and replace flood damaged sections of curb and gutters.		R/W: Const:	\$414 \$2,226	PA&ED: PS&E: R/W Sup: Con Sup:	\$870 \$153 \$906	Prior Prior 19-20	PA&ED: R/W Cert:	6/26/2017 11/1/2019 11/15/2019
	guitois.		Subtotal: Total Proj	\$2,640 ect Cost:		\$1,929 \$4,569			
Carryover			Program (Orainage Sy Culvert(s) (ystem Resto	oration	
12-Orange-133 3.1/R4.3 4792 1216000133	In Orange County, from 0.3 mile south of El Toro Road to 0.2 mile north of Route 73/133 Interchange. Construct detention basin, reconstruct channel, extend reinforced concrete box and regrade to prevent adverse flow.	0Q360 2019-20	R/W: Const:	\$1,467 \$2,095	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,125 \$1,712 \$766 \$1,188	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/2/2018 4/17/2020 6/15/2020 1/5/2021
			Subtotal: Total Proj	\$3,562 ect Cost:		\$4,791 \$8,353			
Carryover			Program (Orainage Sy Culvert(s) (ystem Resto	oration	
IOBILITY									
12-Orange-55 R8.0/R9.2 3483 1215000045	In the cities of Santa Ana and Tustin, from Dyer Road onramp to Edinger Avenue offramp. Construct northbound auxiliary lane.	0G950 2019-20	R/W: Const:	\$24,500 \$13,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$200 \$3,500 \$2,700 \$2,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/11/2017 6/1/2020 6/15/2020 12/23/2020
			Subtotal: Total Proj	\$37,600 ect Cost:		\$9,200 \$46,800			
Carryover			Program (1	Improvem	ents of delay (DVH	D)
12-Orange-133 8.5/M9.3 4846 1214000130	In Irvine, from southbound 5/SB 133 Connector to southbound 133/NB 405 Connector. Construct a new auxiliary lane to improve traffic flow.	0N890 2021-22	R/W: Const:	\$253 \$14,926	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,503 \$3,224 \$652 \$4,544	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2019 9/1/2021 10/1/2021 3/1/2022
			Subtotal: Total Proj	\$15,179 ect Cost:		\$9,923 \$25,102			
			Program (•	Improvem		
New			Performa	ice Measu	re 271 D	Daily vehic	le hour(s) o	of delay (DVH	D)



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Prog Year** Capital **Support Milestones** R/W: 12-Orange-405 In Irvine, from Route 133 to Sand Canyon 0H045 PA&ED: PA&ED: 3/22/2016 Avenue; also from Sand Canyon Avenue to 2.4/3.9 2018-19 Const: \$6,000 PS&E: R/W Cert: 3/1/2018 University Drive/Jeffery Road. Construct 4956A R/W Sup: 7/1/2018 RTL: southbound auxiliary lanes. Begin Con: 1212000052 Con Sup: \$2,200 18-19 12/1/2019 \$6,000 \$2,200 Subtotal: **Total Project Cost:** \$8,200 **Program Code** 201.310 Operational Improvements New **Performance Measure** 1003 Daily vehicle hour(s) of delay (DVHD) R/W: 0Q690 PA&ED: 12-Orange-Var At various locations, on various routes. Replace \$24 PA&ED: 6/22/2017 and upgrade existing field elements for the 2019-20 \$6,530 PS&E: \$2,060 Prior R/W Cert: 2/1/2020 Const: Traffic Management System (TMS). 1203 R/W Sup: 5/1/2020 RTL: Begin Con: 1217000088 Con Sup: \$1,800 19-20 1/1/2021 \$3,860 \$6,554 Subtotal: **Total Project Cost:** \$10,414

201.315 Transportation Management Systems **Program Code** Performance Measure 754 Field element(s) Carryover

12-Orange-Var In the cities of Orange, Anaheim, Santa Ana, 0P42U R/W: PA&ED: \$1,323 Prior PA&ED: Fullerton and Buena Park, from PM 33.0 to PM 0.0/0.02019-20 Const: \$8,820 PS&E: \$2,030 18-19 R/W Cert: 43.2; also on Route 57, from PM 10.7 to PM 2859B R/W Sup: \$180 18-19 RTL: 16.6; also on Route 91, from PM R2.6 to PM 1216000097 Con Sup: \$2,030 19-20 Begin Con: R4.1 and PM 0.0 to PM 7.2. Install and modify Intelligent Transportation System (ITS) \$8,820 \$5,563 Subtotal: elements. \$14,383 **Total Project Cost:**

Performance Measure 24.8 Field element(s) Carryover 0P680 R/W: PA&ED: 12-Orange-1 In the cities of Newport Beach, Huntington \$191 \$1,891 Prior 1/5/2019 PA&ED: Beach and Seal Beach, from Crystal Heights 13.0/33.6 2020-21 \$12,925 PS&E: \$4,299 18-19 R/W Cert: 5/15/2021 Const: Drive to First Street. Replace traffic signals, 2330 R/W Sup: \$1,244 18-19 RTL: 5/30/2021 upgrade non-standard curb ramps to meet 1216000002 \$3,537 20-21 Begin Con: 1/30/2022 Con Sup: Americans with Disabilities Act (ADA) Standards and modify drainage. \$10,971 Subtotal: \$13,116 **Total Project Cost:** \$24,087

Program Code

Program Code 201.315 Transportation Management Systems Carryover Performance Measure 20 Field element(s)

7/1/2018

4/1/2020

4/10/2020

1/4/2021

201.315 Transportation Management Systems

2018 SHOPP Project List Orange (\$1,000)



Dist- Co-Rte Post Mile COS Allocation EA PPNO EFIS Location/Description **Prog Year Capital** FY **Milestones** Support In and near Anaheim, from south of Route 22 to R/W: \$2,380 11/1/2018 12-Orange-5 0P670 PA&ED: PA&ED: Prior south of Route 39; also on Route 57 (PM 33.0/43.2 2019-20 Const: \$13,673 PS&E: \$3,650 18-19 R/W Cert: 5/1/2020 10.7/16.6) and Route 91 (PM R2.6/R4.1 and 2859C R/W Sup: \$320 18-19 RTL: 6/1/2020 (PM 0.0/7.2). Create interoperability of 1215000160 19-20 Begin Con: 2/1/2021 Con Sup: \$3,650 Transportation Management System (TMS) by upgrading Intelligent Transportation System Subtotal: \$13,673 \$10,000 (ITS) elements between Caltrans and local **Total Project Cost:** \$23,673 agencies. **Program Code** 201.315 Transportation Management Systems 311 Field element(s) Carryover Performance Measure 0N490 R/W: 12-Orange-91 In Anaheim, at the Commercial Vehicle PA&ED: \$624 Prior 8/1/2017 PA&ED: Enforcement Facility (CVEF) Peralta Weigh R13.6 2018-19 Const: \$6,847 PS&E: \$1,391 Prior R/W Cert: 1/15/2019 Station (Eastbound). Rehabilitate and upgrade R/W Sup: 4642A \$10 Prior RTL: 2/1/2019 CVEF. 1214000050 \$1,332 18-19 Begin Con: 7/1/2019 Con Sup: \$6,847 \$3,357 Subtotal: **Total Project Cost:** \$10,204 **Program Code** 201.321 Weigh Stations Performance Measure 1 Location(s) Carryover

Orange Count	y		
R/W:	\$37,192	PA&ED:	\$27,248
Const:	\$281,692	PS&E:	\$71,801
		R/W Sup:	\$18,496
		Con Sup:	\$78,490
Subtotal:	\$318,884		\$196,035
Total (Ca	pital + Sup _l	port):	\$514,919

2018 SHOPP Project List Placer





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Dist-Co-Rte Post Mile PPNO	Lacation/Decomination	EA Duog Voor	Com	:tal	S		COS Allocation FY		otomos
EFIS	Location/Description	Prog Year	Cap	itai	Supp	ort	FY	IVIIIes	stones
OLLISION RE								ı	
03-Placer-49 2.2/2.4	In Auburn, from 0.3 mile south of Lincoln Way/Borland Avenue to Lincoln Way/Borland	1H240 2019-20	R/W: Const:	\$764 \$1,697	PA&ED: PS&E:	\$732 \$1,003	Prior 18-19	PA&ED: R/W Cert:	12/15/2018 4/15/2020
4785	Avenue. Realign curves.	2017-20	Colist.	\$1,077	R/W Sup:	\$306	18-19	RTL:	5/1/2020
0316000077					Con Sup:	\$819	19-20	Begin Con:	11/1/2020
			Subtotal:	\$2,461		\$2,860			
			Total Proje	ect Cost:		\$5,321			
Carryover			Program C		201.010 S re 50 C	afety Imp			
03-Placer-80	In and near various cities, at various locations,	0H720	R/W:	\$0	PA&ED:	\$40	18-19	PA&ED:	1/15/2019
1.6/R66.5	from 0.3 mile west of Douglas Boulevard to 0.2	2 2020-21	Const:	\$2,600	PS&E:	\$440	18-19	R/W Cert:	7/15/2020
5026	mile east of Hampshire Rocks Undercrossing. Upgrade guardrail to current standards.				R/W Sup:	\$120	19-20	RTL:	8/15/2020
0316000008	opprinte guardian to current standards.				Con Sup:	\$550	20-21	Begin Con:	3/1/2021
			Subtotal:	\$2,600		\$1,150			
			Total Proje	ect Cost:		\$3,750			
New			Program C			Collision S	everity Red) reduced	uction	
RIDGE PRESE	RVATION								
03-Placer-80	In Placer and Nevada Counties, at various	2F570	R/W:	\$200	PA&ED:	\$2,720	Prior	PA&ED:	2/15/2018
28.7/R63.5 5097	locations. Rehabilitate or replace bridges at six locations.	2019-20	Const:	\$32,200	PS&E: R/W Sup:	\$6,350 \$485	Prior Prior	R/W Cert: RTL:	4/20/2020 5/7/2020
0300020615					Con Sup:		19-20	Begin Con:	
			Subtotal:	\$32,400		\$15,985			
			Total Proje	ect Cost:		\$48,385			
			D (201 110 F				
Carryover			Program C Performan			Bridge (s)	jor Rehabili	tation	
DADWAY PRE	SERVATION								
03-Placer-80	Near Weimar, from west of Applegate Road to		R/W:	\$70	PA&ED:	\$220	Prior	PA&ED:	10/2/2017
25.9/28.5	west of Weimar Cross Road. Drainage system rehabilitation.	2018-19	Const:	\$3,070	PS&E:	\$430	Prior	R/W Cert:	10/1/2013
5105 0314000086	Tondomation.				R/W Sup: Con Sup:	\$140 \$610	Prior 18-19	Begin Con:	10/11/2018 2/15/2019
			Subtotal:	\$3,140		\$1,400			
			Total Proje			\$4,540			
			D	Y-31-	201 151 5	i	D	4:	
Carryover			Program C Performan			Orainage S Culvert(s)	ystem Resto	oration	
Carryover				casu	20 0		()		

2018 SHOPP Project List Placer



		(3	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
03-Placer-80 31.5/36.9 5079 0300020600	In and near Colfax, from west of Illinoistown Overcrossing to east of Cape Horn Undercrossing. Drainage system rehabilitation.	1E050 2019-20	R/W: Const:	\$150 \$3,170	PA&ED: PS&E: R/W Sup: Con Sup:	\$230 \$440 \$140 \$600	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2017 12/15/2019 12/15/2019 8/5/2020
			Subtotal: Total Proje	\$3,320 ect Cost:		\$1,410 \$4,730			
Carryover			Program C		201.151 D re 37 C	Orainage Sy Culvert(s) (oration	
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: Const:	\$220 \$3,069	PA&ED: PS&E: R/W Sup: Con Sup:	\$429 \$667 \$195 \$806	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2019 4/10/2021 4/20/2021 12/5/2021
			Subtotal: Total Proje	\$3,289 ect Cost:		\$2,097 \$5,386			
Carryover			Program C Performan		201.151 D re 32 C	Orainage Sy Culvert(s) (oration	
MOBILITY 03-Placer-80 2.8 5113 0315000174	In Roseville, at the Atlantic Street/Eureka Road westbound on-ramp. Install ramp meters and widen ramp for storage capacity.	0H460 2019-20	R/W: Const:	\$270 \$6,440	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$700 \$130 \$900	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 4/1/2020 4/15/2020 10/15/2020
			Subtotal: Total Proje	\$6,710 ect Cost:		\$2,430 \$9,140			
Carryover			Program C		201.310 O re 1542 D	-	-	nents of delay (DVH	D)
03-Placer-80 4291 0315000164	In various counties on various routes at various locations. Upgrade Extinguishable Message Signs (EMS) to LED.	0H400 2019-20	R/W: Const:	\$1,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$190 \$210 \$30 \$500	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2018 7/1/2019 8/1/2019 4/1/2020
			Subtotal: Total Proje	\$1,600 ect Cost:		\$930 \$2,530		_	
Carryover			Program C			ransportat	_	ement Systems	

2018 SHOPP Project List Placer





		,						
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Milestones
ROADSIDE PRES	<u>SERVATION</u>							_
03-Placer-65 R19.5 4899 0316000177	Near Lincoln, on McCourtney Road between Riosa Road and Kilaga Springs Road at the Coon Creek Conservation (C4) Ranch. Advance mitigation construction (4 acres) for future SHOPP projects expected to impact wetland, riparian and to other waters.	1H530 2019-20	R/W: Const: Subtotal:	\$64 \$1,175 \$1,239 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$653 \$434 \$7 \$306 \$1,400 \$2,639	Prior 19-20 19-20 19-20	PA&ED: 10/15/2019 R/W Cert: 5/1/2020 RTL: 5/15/2020 Begin Con: 10/20/2020
Carryover			Program (Performan			oadside E	Enhancemen	nt
		Placer	County	,				

Placer Cou	nty		
R/ Coi	W: \$1,738 st: \$55,021		\$5,914 \$10,674
		R/W Sup: Con Sup:	\$1,553
Subto Total	al: \$56,759 (Capital + Su		\$29,662 \$86,421

2018 SHOPP Project List Plumas



		(3	1,000)					- 4	arrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı Miles	tones
COLLISION DE			•		**				
02-Plumas-70 36.8/R62.4 3639 0216000043	Near Quincy, at various locations from 0.3 mile west of Butterfly Valley Road to 0.2 mile west of Two Rivers Road; also on Route 89 near Greenville, from 0.9 mile north to 1.4 miles north of Wolf Creek Road (PM 25.1/25.3).	1H790 2020-21	R/W: Const:	\$40 \$1,760	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$450 \$20 \$450	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/5/2019 12/21/2020 1/21/2021 6/15/2021
	Upgrade rock fall fence to reduce maintenance and highway worker exposure.		Subtotal: Total Proje	\$1,800 ect Cost:		\$1,270 \$3,070			
New			Program (201.235 N		e Access	ovements/ Free	way
ROADWAY PRE	SERVATION								
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	1H580 f 2021-22	R/W: * Const:	\$514 \$88,050	PA&ED: PS&E: R/W Sup: * Con Sup:	\$3,490 \$2,620 \$1,120 \$6,810	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/5/2020 2/25/2022 3/28/2022 9/27/2022
	Creek Bridge No. 09-0022, and make pedestriar facilities American with Disabilities Act (ADA) compliant.		Subtotal: Total Proje * Construct		S	\$14,040 \$102,604 astruction	Support ph	ase are NOT at	uthorized
	(G13 Contingency)								
New			Program (Performan		201.120 R re 45.7 L	toadway R ane mile(s		on (3R)	
02-Plumas-70 90.3/96.0 3599 0215000086	In Plumas and Lassen Counties, near Chilcoot from west of Summit School Drive Road to Route 395 (Lassen PM 0.0/3.9). Roadway rehabilitation.	0H760 2018-19	R/W: Const:	\$51 \$20,547	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,030 \$900 \$70 \$1,440	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/2/2018 2/25/2019 3/28/2019 8/27/2019
			Subtotal: Total Proje	\$20,598 ect Cost:		\$3,440 \$24,038			
Carryover			Program (Loadway R	ehabilitatio	on (2R)	
02-Plumas-70 0.0/70.0 3587 0215000050	In Plumas County, from Butte County line to east of Moach Road at various locations. Drainage rehabilitation.	0H550 2019-20	R/W: Const:	\$290 \$2,525	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,060 \$710 \$1,090 \$920	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 6/4/2019 7/11/2019 2/13/2020
			Subtotal: Total Proje	\$2,815 ect Cost:		\$3,780 \$6,595			
			Program (Code	201.151 D	Prainage S	ystem Rest	oration	
Carryover			Performan			ulvert(s) (

2018 SHOPP Project List Plumas (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA
EIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Plumas Coun	ty		
R/W	\$895	PA&ED:	\$5,930
Const	\$112,882	PS&E:	\$4,680
		R/W Sup:	\$2,300
		Con Sup:	\$9,620
Subtotal	\$113,777		\$22,530
Total (C	apital + Sup	port):	\$136,307





Program Code			(.	-,,					-	wowe
Mex. Meanulain Center, from each of Dilack Durn 11010 R/W \$55 PA&ED \$1,270 Prior PA&ED \$17,000 Payment 1101 Program Code Program Code Program Code Program Code Program Code Payment Payment	PPNO	Location/Description		Cap	oital	Suppo		Allocation		tones
Mex. Meanulain Center, from each of Dilack Durn 11010 R/W \$55 PA&ED \$1,270 Prior PA&ED \$17,000 Payment 1101 Program Code Program Code Program Code Program Code Program Code Payment Payment	MAJOR DAMAG	E RESTORATION								
Carryover	08-Riverside-74 50.0/59.0 3010G	Near Mountain Center, from east of Black Burn Road to east of McCall Park Road. Permanent restoration of storm damaged culverts and				PS&E: R/W Sup:	\$1,393 \$255	18-19 18-19	R/W Cert: RTL:	11/15/2020
Carryover Performance Measure 5 Location(s) S Location(s) No. PA&ED 11/1/2018 08-Riverside-95 14/0762 30021 3002										
14.0/36.2 Road to the San Bernardino County line 2019-20 Restore storm eroded embankments with rock Subtotal: S8,170 PS&E: S90 18-19 R/W Cert: 2/3/2028 R/W Sup: S2,462 19-20 Begin Cor: 2/16/2021 R/W Sup: S2,462	Carryover			_						
Program Code Subtotal: \$8,770 \$4,352	14.0/36.2 3002U	Road to the San Bernardino County line. Restore storm eroded embankments with rock slope protection and replace culverts. A			*	PS&E: R/W Sup:	\$901 \$63	18-19 18-19	R/W Cert: RTL:	11/1/2018 2/3/2020 5/1/2020 2/16/2021
Carryover Performance Measure 20 Location(s)										
08-Riverside-60 10 Moreno Valley, at the Sunnymead Boulevard 11140 1140	Carryover			_						
08-Riverside-60 10 Moreno Valley, at the Sunnymead Boulevard 11140 1140	COLLISION RED	UCTION								
Program Code 201.010 Safety Improvements Performance Measure 14 Collision(s) reduced	08-Riverside-60 16.6 3006X	In Moreno Valley, at the Sunnymead Boulevard				PS&E: R/W Sup:	\$546 \$99	Prior Prior	R/W Cert: RTL:	1/2/2018 1/2/2019 2/4/2019 9/2/2019
Carryover Performance Measure 14 Collision(s) reduced 08-Riverside-60 Near Beaumont, from Gilman Springs Road to 22.2/26.6 0Q180 R/W: \$250 PA&ED: \$2,000 Prior PA&ED: 5/2/2016 5/2/2016 PS&E: \$1,500 Prior Prior Prior Prior Prior R/W Cert: 2/28/2018 PSW Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior Prior Prior Prior Prior R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior Prior Prior Prior Prior R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior Prior Prior Prior Prior R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior Prior Prior R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior Prior Prior R/W Cert: 2/28/2018 R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior R/W Cert: 2/28/2018 22.2/26.6 R/W Sup: \$200 Prior R/W Cert: 2/28/2018 22.2/26/2018 R/W Sup: \$2,000 Prior R/W Cert: 2/28/2018 22.2/26/2018 R/W Sup: \$2,000 R/W Sup: \$2,000 <td></td> <td></td> <td></td> <td></td> <td>*</td> <td></td> <td></td> <td></td> <td></td> <td></td>					*					
22.2/26.6	Carryover			_						
Total Project Cost: \$32,650 Program Code 201.010 Safety Improvements	22.2/26.6 0045G	1.4 miles west of Jack Rabbit Trail. Construct	2018-19			PS&E: R/W Sup:	\$1,500 \$200	Prior Prior	R/W Cert: RTL:	5/2/2016 2/28/2018 7/2/2018 12/4/2018
Carryover Performance Measure 382 Collision(s) reduced	Сантопон			_			, ,			





		(3	1,000)					1.4	artrans"
Dist- Co-Rte Post Mile PPNO		EA				1			
EFIS	Location/Description	Prog Year	Cap	oital	Supp	ort	FY	Miles	tones
08-Riverside-74 0.0/5.8 0050P 0813000047	Near Lake Elsinore, from the Orange County line to Monte Vista Street. Widen for standard lane widths and shoulders and construct ground in rumble strips.	1C850 2019-20	R/W: Const:	\$20 \$53,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,590 \$20	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/20/2018 2/26/2020 3/26/2020 9/10/2020
			Subtotal: Total Proj	\$53,620 ect Cost:		\$11,529 \$65,149			
0			Program (201.010 S	afety Imp			
Carryover			1 CI IUI III ai	ice ivicasu			<u> </u>	1	
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 8 foot shoulders and rumble strip.	1G670 2021-22	R/W: Const:	\$1,705 \$43,272	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,900 \$4,700 \$751 \$7,700	Prior 19-20 19-20 21-22	R/W Cert:	11/19/2019 10/19/2021 11/19/2021 8/19/2022
			Subtotal: Total Proj	\$44,977 ect Cost:		\$18,051 \$63,028			
Carryover			Program (201.010 S re 108 C	afety Imp			
08-Riverside-215 R12.7/R15.0 3005N 0816000094	In Murrieta, from 0.2 mile north of Clinton Keith Road Overcrossing to 0.5 mile south of Scott Road Overcrossing. Install concrete barrier at edge of shoulder.	1G870 2018-19	R/W: Const:	\$10 \$2,990	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$732 \$10 \$770	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/2/2018 2/1/2019 3/1/2019 9/5/2019
			Subtotal: Total Proj	\$3,000 ect Cost:		\$2,112 \$5,112			
Carryover			Program (201.010 S re 23 C	afety Imp			
MANDATES									
08-Riverside-74 7.0/R14.4 3001Y 0812000334	In and near Lake Elsinore, from 1.7 miles east of El Cariso Road to Lehr Drive. Stabilize slopes to decrease sediment transport.	1C590 2018-19	R/W: Const:	\$10 \$2,918	PA&ED: PS&E: R/W Sup: Con Sup:	\$310 \$452 \$20 \$495	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 4/15/2019 6/17/2019 2/18/2020
			Subtotal: Total Proj	\$2,928 ect Cost:		\$1,277 \$4,205			
			Program (er Mitigatio		
Carryover			i Ci iui iliai	ice micasu	12 P	1010(3) 1100	ated/polluta		



Dist-Co-Rte							cos				
Post Mile PPNO		EA			Allocation						
EFIS	Location/Description	Prog Year	Capi	ital	Suppo	ort	FY	Miles	stones		
08-Riverside-215 R9.0/R16.0	In Murrieta and Menifee, from Route 215 to north of Scott Road. Stabilize slopes to	1C660 2019-20	R/W: Const:	\$10 \$7,080	PA&ED: PS&E:	\$1,795	Prior 18-19	PA&ED: R/W Cert:	7/15/2018 10/24/2019		
3002A 0812000341	decrease sediment transport.				R/W Sup: Con Sup:	\$20 \$1,209	18-19 19-20	RTL: Begin Con:	12/11/2019 8/12/2020		
			Subtotal: Total Proje	\$7,090 ect Cost:		\$4,208 \$11,298					
			3			,					
			Program C	ode	201.335 S	torm Wate	er Mitigatio	on			
Carryover			Performan	ce Measu	re 36 A	cre(s) trea	ted/polluta	ant			
08-Riverside-74	In Hemet, from Warren Avenue to Soboba	1F590	R/W:	\$30	PA&ED:	\$710	Prior	PA&ED:	4/16/2018		
36.9/43.6 3003P	Street. Construct and upgrade pedestrian facilities to current Americans with Disability	2019-20	Const:	\$2,753	PS&E: R/W Sup:	\$1,815 \$467	Prior Prior	R/W Cert: RTL:	12/20/2019 3/16/2020		
0814000256	Act (ADA) Standards.				Con Sup:		19-20	Begin Con:			
			Subtotal:	\$2,783		\$4,312		<u> </u>			
			Total Proje	ct Cost:		\$7,095					
08-Riverside-79	In Hemet, from East Florida Avenue to East	1F600	R/W:				T	I	4/10/2016		
25.6/26.4 3002R 0814000257	Menlo Avenue. Construct and upgrade pedestrian facilities to current Americans with Disability Act (ADA) Standards.	2019-20	Const:	\$1,085 \$1,508	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$900 \$2,094 \$600	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/18/2020 3/10/2020		
3002R	pedestrian facilities to current Americans with	2019-20	Const: Subtotal:	\$1,508 \$2,593	PS&E: R/W Sup:	\$900 \$2,094 \$600 \$4,044	Prior Prior	R/W Cert: RTL:	2/18/2020 3/10/2020		
3002R	pedestrian facilities to current Americans with	2019-20	Const:	\$1,508 \$2,593 ect Cost:	PS&E: R/W Sup: Con Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637	Prior Prior 19-20 with Disab	R/W Cert: RTL:	2/18/2020 3/10/2020 11/10/2020		
3002R 0814000257	pedestrian facilities to current Americans with	2019-20 0R302	Const: Subtotal: Total Proje	\$1,508 \$2,593 ect Cost:	PS&E: R/W Sup: Con Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637	Prior Prior 19-20 with Disab	R/W Cert: RTL: Begin Con:	2/18/2020 3/10/2020 11/10/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111 47.3/55.3	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb		Const: Subtotal: Total Proje Program C Performane	\$1,508 \$2,593 ect Cost:	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C PA&ED: PS&E:	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547	Prior Prior 19-20 with Disab	R/W Cert: RTL: Begin Con: bilities Act New PA&ED: R/W Cert:	2/18/2020 3/10/2020 11/10/2020 7 Curb Ram 6/29/2010 6/12/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf	0R302	Const: Subtotal: Total Proje Program C Performance R/W:	\$1,508 \$2,593 ect Cost: ode ce Measu \$2,125	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547 \$3,339	Prior Prior 19-20 with Disab	R/W Cert: RTL: Begin Con:	2/18/2020 3/10/2020 11/10/2020 / Curb Ram 6/29/2010 6/12/2020 6/15/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111 47.3/55.3 3007U	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb	0R302	Const: Subtotal: Total Proje Program C Performance R/W:	\$1,508 \$2,593 ect Cost: ode ce Measu \$2,125	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C PA&ED: PS&E: R/W Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547 \$3,339	Prior Prior 19-20 with Disab s)	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	2/18/2020 3/10/2020 11/10/2020 7 Curb Ramp 6/29/2016 6/12/2020 6/15/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111 47.3/55.3 3007U	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb	0R302	Const: Subtotal: Total Proje Program C Performance R/W: Const:	\$1,508 \$2,593 set Cost: ode see Measu \$2,125 \$5,300 \$7,425	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C PA&ED: PS&E: R/W Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547 \$3,339 \$2,590	Prior Prior 19-20 with Disab s)	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	2/18/2020 3/10/2020 11/10/2020 7 Curb Ramp 6/29/2016 6/12/2020 6/15/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111 47.3/55.3 3007U	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb	0R302	Subtotal: Total Proje Program C Performance R/W: Const: Subtotal: Total Proje	\$1,508 \$2,593 cct Cost: ode ce Measu \$2,125 \$5,300 \$7,425 cct Cost:	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547 \$3,339 \$2,590 \$7,476 \$14,901	Prior Prior 19-20 with Disab s) Prior Prior 19-20	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	2/18/2020 3/10/2020 11/10/2020 / Curb Ramp 6/29/2016 6/12/2020 6/15/2020 12/14/2020		
3002R 0814000257 <i>Carryover</i> 08-Riverside-111 47.3/55.3 3007U	pedestrian facilities to current Americans with Disability Act (ADA) Standards. In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb	0R302	Const: Subtotal: Total Proje Program C Performance R/W: Const: Subtotal:	\$1,508 \$2,593 ect Cost: ode ee Measu \$2,125 \$5,300 \$7,425 ect Cost:	PS&E: R/W Sup: Con Sup: 201.361 A re 85 C PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$2,094 \$600 \$4,044 \$6,637 Americans Curb ramp(\$1,547 \$3,339 \$2,590 \$7,476 \$14,901	Prior Prior 19-20 with Disab s) Prior Prior 19-20 with Disab	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL: Begin Con:	6/29/2016 6/12/2020 6/15/2020 12/14/2020		





		(+							
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY	Miles	tones
BRIDGE PRESER	EVATION								
08-Riverside-10 27.7 3002F 0814000051	Near Palm Springs, at Whitewater River Bridge No. 56-0004 L/R. Bridge rehabilitation and scour mitigation.	1E570 2018-19	R/W: Const:	\$20 \$12,399	PA&ED: PS&E: R/W Sup: Con Sup:	\$953 \$1,645 \$8 \$2,300	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/2/2018 6/3/2019 6/18/2019 1/21/2020
			Subtotal: Total Proje	\$12,419 ect Cost:		\$4,906 \$17,325			
			Program C	ode	201.110 B	Bridge Ma	jor Rehabilit	ation	
Carryover			Performan	ce Measu	re 2 B	Bridge(s)			
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: Const:	\$190 \$10,440	PA&ED: PS&E: R/W Sup: Con Sup:	\$967 \$1,232 \$259 \$3,648	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/23/2020 2/16/2022 3/16/2022 11/4/2022
			Subtotal: Total Proje	\$10,630 ect Cost:		\$6,106 \$16,736			
New			Program C			Bridge Ma Bridge(s)	jor Rehabilit	ation	
08-Riverside-10 R106.6/R113.8 3008M 0816000174	Near Desert Center, from Coxcomb Ditch to Copa Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the structural integrity of sixteen bridges.	1H190 2021-22	R/W: Const:	\$140 \$7,356	PA&ED: PS&E: R/W Sup: Con Sup:	\$217	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/23/2020 2/16/2022 3/16/2022 12/12/2022
	SIATECH BRIDGES.		Subtotal: Total Proje	\$7,496 ect Cost:		\$4,660 \$12,156			
New			Program C Performan			Bridge Ma Bridge(s)	jor Rehabilit	ation	
08-Riverside-10 R120.7/R142.7 3008P 0816000176	Near Blythe, from Rubble Ditch to Palowalla Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the structural integrity of eighteen bridges.	1H210 2021-22	R/W: Const:	\$131 \$8,832	PA&ED: PS&E: R/W Sup: Con Sup:	\$938 \$1,442 \$281 \$2,732	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/23/2020 2/16/2022 3/16/2022 11/16/2022
	5		Subtotal: Total Proje	\$8,963 ect Cost:		\$5,393 \$14,356			
New			Program C			Bridge Ma	jor Rehabilit	ation	





Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Supp		COS Allocation FY	Miles	tones
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: Const:	\$653 \$6,824	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,690 \$1,295 \$150 \$2,390	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/22/2021 2/28/2022 3/30/2022 11/30/2022
			Subtotal: Total Project	\$7,477 ct Cost:		\$5,525 \$13,002			
New			Program Co			Bridge Ma Bridge(s)	jor Rehabili	tation	
08-Riverside-10 R110.5 3002L 0814000216	Near Desert Center, at Palen Ditch Bridge No. 56-0040 R/L. Bridge rail replacement.	1F410 2018-19	R/W: Const:	\$10 \$1,846	PA&ED: PS&E: R/W Sup: Con Sup:	\$139 \$342 \$10 \$1,567	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2017 12/3/2018 1/4/2019 11/1/2019
			Subtotal: Total Project	\$1,856 ct Cost:		\$2,058 \$3,914			
Carryover			Program Co			•	•	ent and Upgrad	le
08-Riverside-74 13.2/34.0 3002C 0812000343	In and near the cities of Lake Elsinore, Perris, Menifee and Hemet, at Leach Canyon Channel Bridge No. 56-0750 and Blue Ridge Wash Bridge No. 56-0257; also on Routes 79 and 371, at Arroyo Seco Bridge No. 56-0189, Temecula	1C680 2019-20	R/W: Const:	\$50 \$6,245	PA&ED: PS&E: R/W Sup: Con Sup:	\$505 \$2,700 \$80 \$2,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2013 6/3/2019 8/1/2019 3/2/2020
	Creek Bridge, and Cahuilla Bridge No. 56-0490 Bridge rail replacement, replace two bridges, and extend one culvert.		Subtotal: Total Project	\$6,295 ct Cost:		\$6,085 \$12,380			
Carryover			Program Co			U	1	ent and Upgrad	le
08-Riverside-10 R74.1 3002G 0814000087	In Riverside County, on Routes 10 and 91, at various locations; also in San Bernardino County, on Routes 10 and 15, at various locations. Repair bridge decks.	1E720 2018-19	R/W: Const:	\$30 \$1,472	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$660 \$20 \$660	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/31/2013 6/20/2018 8/3/2018 4/30/2019
			Subtotal: Total Project	\$1,502 ct Cost:		\$1,690 \$3,192			
			Program Co	ode	201.119 E	Bridge Pre	ventative M	aintenance	





Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones	
ROADWAY PRES	SERVATION						
08-Riverside-15 23.9/33.4 3003L 0815000232	In and near Terra Cotta, from Nichols Road to north of Glen Ivy. Concrete pavement slab replacement.	1F142 2018-19	R/W: \$5 Const: \$20,7		26 Prior 10 Prior	PA&ED: 11/1/20 R/W Cert: 2/1/20 RTL: 5/1/20 Begin Con: 1/15/20)19)19
			Subtotal: \$20,7 Total Project Co	· · · · · · · · · · · · · · · · · · ·			
Carryover			Program Code Performance Me	201.121 Paveme easure 57.0 Lane m		n (CAPM)	
08-Riverside-15 38.2/51.5 3003M 0815000233	In and near Corona, from south of Ontario Avenue to Route 60. Concrete pavement slab replacement.	1F143 2019-20	R/W: \$ Const: \$24,0		30 Prior 10 Prior	PA&ED: 3/29/20 R/W Cert: 1/3/20 RTL: 3/2/20 Begin Con: 1/15/20)20)20
			Subtotal: \$24,0 Total Project Co	· · · · · · · · · · · · · · · · · · ·			
Carryover			Program Code Performance Mo	201.121 Paveme easure 79.8 Lane m		n (CAPM)	
08-Riverside-60 22.1/26.6 0033N 0812000287	Near Beaumont, from Gilman Springs Road to 1.4 miles west of Jack Rabbit Trail. Rehabilitate pavement.	1C090 2018-19	R/W: Const: \$15,0	PA&ED: 000 PS&E: R/W Sup: Con Sup:		PA&ED: 5/2/20 R/W Cert: 2/28/20 RTL: 7/2/20 Begin Con: 12/4/20)18)18
			Subtotal: \$15,0 Total Project Co		00		
Carryover			Program Code Performance Mo	201.121 Paveme easure 17.6 Lane m		n (CAPM)	
08-Riverside-62 R6.7/9.2 0023C 0814000113	In and near Yucca Valley and Twentynine Palms, from north of Indian Avenue to Utah Trail; also in San Bernardino County (PM 0.0/15.1 and PM 29.3/33.6). Pavement rehabilitation.	1E840 2019-20	R/W: \$2,2 * Const: \$35,3		00 Prior 10 Prior	PA&ED: 6/28/20 R/W Cert: 12/16/20 RTL: 3/16/20 Begin Con: 1/15/20)19)20
	(G13 Contingency)		Subtotal: \$37,5 Total Project Co * Construction Co	ost: \$47,4	44	se are NOT authorized	
Carryover			Program Code Performance Me	201.121 Paveme easure 85.5 Lane m		n (CAPM)	





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocatior FY	ı Miles	tones
08-Riverside-79 0.0/15.6 0066Q 0815000016	Near Temecula, from San Diego County line to Temecula city limits. Pavement rehabilitation.	1F690 2018-19	R/W: Const:	\$10 \$8,742	PA&ED: PS&E: R/W Sup: Con Sup:	\$240 \$560 \$17 \$800	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/15/2018 4/12/2019 5/10/2019 2/14/2020
			Subtotal: Total Proje	\$8,752 ect Cost:		\$1,617 \$10,369			
Carryover			Program (Performan			avement R ane mile(s		on (CAPM)	
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	1C081 2021-22	R/W: * Const:		R/W Sup: * Con Sup:	\$15,800 \$90 \$22,000	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/28/2020 4/22/2022 5/27/2022 1/13/2013
	detour will be constructed in the median for traffic handling. (G13 Contingency)		Subtotal: Total Proje * Construct	ect Cost:	S	\$44,890 6201,900 estruction S	Support pho	ase are NOT at	uthorized
Carryover			Program (Performan			oadway R	ehabilitatio	on (2R)	
08-Riverside-10 R105.0/R134.0 3008Y 0816000087	Near Blythe, from Rice Road/SR-177 to Teed Ditch Bridge. Cold plane mainline pavement and overlay with Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt (HMA-A).	1C082 2019-20	R/W: * Const:		PA&ED: PS&E: R/W Sup: * Con Sup:	\$21,800 \$153	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/28/2019 4/24/2020 5/29/2020 1/15/2021
	A two lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency)	d	Subtotal: Total Proje * Construct	ect Cost:	\$	\$76,353 6339,373 estruction S	Support pho	ase are NOT at	uthorized
Carryover			Program (Performan		201.122 R re 116.0 L	-	ehabilitatio	on (2R)	
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 Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt	1C083 2021-22	R/W: * Const:		PA&ED: PS&E: R/W Sup: * Con Sup:	\$21,000 \$117	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/28/2020 4/22/2022 5/27/2022 1/10/2023
	(HMA-A). A two lane temporary detour will be constructed in the median for traffic handling. (G13 Contingency)	e	Subtotal: Total Proje * Construct	ect Cost:	9	\$59,117 6266,127 estruction S	Support pho	ase are NOT at	uthorized
Carryover			Program (Performan			oadway R	ehabilitatio	on (2R)	

2018 SHOPP Project List Riverside





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation FY		tones
08-Riverside-15 R0.0/3.0 3003K 0815000231	In and near Temecula, from Rainbow Valley Boulevard to Front Street. Rehabilitate roadway.	1F141 2019-20	R/W: Const:	\$10 \$34,890	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,014 \$1,200 \$10 \$5,181	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2013 8/1/2013 2/3/2020 9/1/2020
			Subtotal: Total Proje	\$34,900 ect Cost:		\$7,405 \$42,305			
Carryover			Program C			Roadway R Lane mile(s	ehabilitatio	on (2R)	
08-Riverside-74 11.0 3002J 0814000102	Near Lake Elsinore, at 0.8 mile west of Grand Avenue. Stabilize slope to protect safety of traveling public.	1E770 2018-19	R/W: Const:	\$10 \$1,082	PA&ED: PS&E: R/W Sup: Con Sup:	\$140 \$250 \$20 \$400	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/24/201 7/30/201 8/30/201 5/1/201
			Subtotal: Total Proje	\$1,092 ect Cost:		\$810 \$1,902			
Carryover			Program (Roadway P.	rotective B	etterments	
08-Riverside-10 0.0/R156.4 3005C 0815000162	In Riverside County, on Routes 10, 15, 71 and 215 at various locations. Replace existing guide signs with Type XI reflectivity.	1F372 e 2018-19	R/W: Const:	\$10 \$9,069	PA&ED: PS&E: R/W Sup: Con Sup:	\$333 \$722 \$45 \$1,214	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/13/201 2/1/201 5/1/201 12/2/201
			Subtotal: Total Proje	\$9,079 ect Cost:		\$2,314 \$11,393			
Carryover			Program (Signs and L	ighting Re	habilitation	
08-Riverside-60 R0.0/22.3 0022K 0815000163	In the cities of Eastvale, Jurupa Valley, Riverside and Moreno Valley, from Hamner Avenue to Gilman Spring Road; also on Route 91, from Route 15 to Madison Street. Replace existing guide signs with retro-reflective	1F371 2019-20	R/W: Const:	\$10 \$1,592	PA&ED: PS&E: R/W Sup: Con Sup:	\$125 \$260 \$15 \$210	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/201 9/3/201 3/2/202 11/2/202
	existing guide signs with retro-reflective sheeting.		Subtotal: Total Proje	\$1,602 ect Cost:		\$610 \$2,212			
			Program (-		habilitation	
Carryover			Performan	ce Measu	re 221 L	ighting fix	ture(s)		

2018 SHOPP Project List Riverside





Program Code Pro	D' (C B)			-,,						
MOBILITY 08. Riverside-91 7.4415.0 Route 15.91 separator to Adams Street 2018-19 Const. \$463 P\$&E: \$96 Prior PAEID \$32.005X R/W Cort. \$12.285 R/W Sup. \$10 Prior R/W R/W Cort. \$12.285 R/W Sup. \$10.275	PPNO	Logotion/Decometics	EA Program	G	ol_	S		Allocation		tonos
08-Riverside-91 In the cities from Crorou and Riverside, from 7,415.6 Route 15.91 separator to Adams Street asking limited access 1GV lanes to continuous access 1GV lanes to achieve stering rigers and egress movements for HOV. 1	EFIS	Location/Description	rrog Year	Capit	al	Suppo	ort	FΥ	Miles	tones
Addition Adjusted	MOBILITY									
Note Substitute Substitut	08-Riverside-91	*	1G192	R/W:	\$10	PA&ED:	\$33	Prior		
HOV lanes to continuous access HOV lanes to allow safer ingress and egress movements for HOV. HOV. Subtotal: \$473 \$301 Total Project Cost: \$774		1	2018-19	Const:	\$463					
Allow safer ingress and egress movements for HOV. Subtratal: \$473 \$30 \$100 \$										2/25/2019 7/29/2019
Total Project Cost: \$774	0810000174					Con Sup.	\$102	10-17	Dog.ii com	7/23/2013
Program Code 201.310 Operational Improvements Performance Measure 126 1,000 vehicle hour(s)/yr		HOV.								
Next				Total Projec	t Cost:		\$774			
Various routes and at various locations. Repair and replace vehicle detection equipment and replace vehicle detection equipment (Propertion of the District Transportation Management Center (TMC). Various Propertion (Various Propertion of the District Transportation Management Center (TMC). Various Propertion (Various Propertion (Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion (Various Propertion Various Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion Various Various Propertion Various	Carryover						•	•		
Various routes and at various locations. Repair and replace vehicle detection equipment and replace vehicle detection equipment (Propertion of the District Transportation Management Center (TMC). Various Propertion (Various Propertion of the District Transportation Management Center (TMC). Various Propertion (Various Propertion (Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion (Various Propertion Various Propertion (Various Propertion Various Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion Various Propertion Various Various Propertion Various	08-Riverside-Var	In Riverside and San Bernardino Counties, on	1H530	R/W:	\$10	PA&ED:	\$346	Prior	PA&ED	2/15/2018
MULTIPLE OBJECTIVE Impacting the operations of the District Transportation Management Center (TMC). Subtotal: \$4,270		various routes and at various locations. Repair								9/14/2018
Transportation Management Center (TMC). Subtotal: \$4,270 \$2,622						1			-	
Subtotal: \$4,270 \$2,622	0817000074					Con Sup:	\$1,274	18-19	Begin Con:	6/14/2019
Program Code 201.315 Transportation Management Systems				Subtotal:	\$4,270		\$2,622			
ROADSIDE PRESERVATION				Total Projec	t Cost:		\$6,892			
Total Project Cost: \$7,765 Program Code 201.240 Roadside Enhancement Performance Measure 15 Location(s) MULTIPLE OBJECTIVE 08-Riverside-74 In and near Hemet, from Winchester Road to 34.3/45.1 Fairview Avenue. Multi-objective project to 2021-22 Const: \$31,282 PS&E: \$5,140 19-20 R/W Cert: 4/15/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,100 21-22 RTL: 5/16/2 R/W Sup: \$4,10	08-Riverside-10 6.0/70.0 3002Q	In Riverside County, on Routes 10, 62, 74, 86, and 111 at various locations. Advance		Performance R/W:	e Measu	PA&ED: PS&E: R/W Sup:	\$150	ent(s) Prior	PA&ED: R/W Cert: RTL:	9/14/2017
Program Code 201.240 Roadside Enhancement Performance Measure 15 Location(s) MULTIPLE OBJECTIVE 08-Riverside-74 In and near Hemet, from Winchester Road to 34.3/45.1 Fairview Avenue. Multi-objective project to 2021-22 Const: \$31,282 PS&E: \$5,140 19-20 R/W Cert: 4/15/2 Const: \$31,282 PS&E: \$5,140 19-20 RTL: 5/16/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,100 21-22 RTL: 5/1				Subtotal:	\$7,600		\$165			
MULTIPLE OBJECTIVE 08-Riverside-74 In and near Hemet, from Winchester Road to 1H060 R/W: \$1,267 PA&ED: \$3,000 18-19 PA&ED: 9/15/2 34.3/45.1 Fairview Avenue. Multi-objective project to 2021-22 Const: \$31,282 PS&E: \$5,140 19-20 R/W Cert: 4/15/2 3008L rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet Americans with Disabilities Act (ADA) One of the detection of				Total Projec	t Cost:		\$7,765			
08-Riverside-74 In and near Hemet, from Winchester Road to 1H060 R/W: \$1,267 PA&ED: \$3,000 18-19 PA&ED: 9/15/2 34.3/45.1 Fairview Avenue. Multi-objective project to 2021-22 Const: \$31,282 PS&E: \$5,140 19-20 R/W Cert: 4/15/2 3008L rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet Americans with Disabilities Act (ADA)	Carryover			_					t	
34.3/45.1 Fairview Avenue. Multi-objective project to 2021-22 Const: \$31,282 PS&E: \$5,140 19-20 R/W Cert: 4/15/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,530 19-20 RTL: 5/16/2 R/W Sup: \$4,100 21-22 RTL: 5/16/2 RTL: 5/	<u>MULTIPLE OBJE</u>	CCTIVE								
	34.3/45.1 3008L	Fairview Avenue. Multi-objective project to rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to	2021-22			PS&E: R/W Sup:	\$5,140 \$4,530	19-20 19-20	R/W Cert: RTL:	9/15/2020 4/15/2022 5/16/2022 1/17/2023
Standards. Subtotal: \$32,549 \$16,770		Standards.		Subtotal S	32,549		\$16,770			
Total Project Cost: \$49,319										
Program Code 201.999 MULTIPLE OBJECTIVE				Program Co	de	201.999 N	MULTIPLI	Е ОВЈЕСТІ	VE	
New Performance Measure 49 Centerline mile(s)	New			Performance	e Measu	re 49 C	Centerline 1	nile(s)		

2018 SHOPP Project List Riverside



Post Mile PPNO		EA			COS Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
		Riverside C	County			
			R/W: \$18,410	PA&ED: \$64,909)	
			Const: \$1,026,462	PS&E: \$101,865	;	
				R/W Sup: \$14,605	;	
				Con Sup: \$160,651	_	
		Su	btotal: \$1,044,872	\$342,030)	
		To	otal (Capital + Supp	ort): \$1,386,902	2	



	(#1,000)									
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cor	oital	Suppo		COS Allocation FY	ı Miles	tonos	
EFIS	Location/Description	Trug Tear	Caj	ntai	Suppo	πt	F I	IVIIICS	tones	
COLLISION RED	<u>UCTION</u>									
03-Sacramento-Var	In Sacramento, Yolo, Placer, and Glenn	4H020	R/W:	\$55	PA&ED:	\$330	Prior	PA&ED:	6/1/2018	
2055	Counties, on Routes 5, 16, 45, 49, 50, 65, 80, 99, 113, and 174 at various locations. Install	2018-19	Const:	\$2,820	PS&E:	\$400	Prior	R/W Cert:		
3855 0318000128	traffic operations elements such as queue				R/W Sup: Con Sup:	\$120 \$390	Prior 18-19	RTL: Begin Con:	1/1/2019 4/2/2019	
0310000120	warning systems, flashing beacons, and lighting	<u>,</u>			Con Sup.	\$370	10-17	Begin com.	7/2/2017	
	and modify existing signals to new standards.		Subtotal:	\$2,875		\$1,240				
			Total Proj	ect Cost:		\$4,115				
			Program (Code	201.010 S	afety Impi	rovements			
Carryover			Performa			ollision(s)				
	N P V	O****						 	0/1/2011	
03-Sacramento-12 0.4/1.0	Near Rio Vista, at Route 160. Intersection improvements.	2H640 2019-20	R/W: Const:	\$6 \$2,468	PA&ED: PS&E:	\$310 \$560	Prior 18-19	PA&ED: R/W Cert:	8/1/2018	
5961	improvements.	2019-20	Collst.	\$2,400	R/W Sup:	\$100	18-19	RTL:	12/1/2019	
0317000167					Con Sup:	\$1,030	19-20	Begin Con:	4/5/2020	
			Subtotal:	\$2,474		\$2,000				
			Total Proj			\$4,474				
			•			,				
			Program (Code	201.010 S	afety Impi	rovements			
Carryover			Performa	nce Measu	re 26 C	ollision(s)	reduced			
03-Sacramento-5	In Sacramento County, on Routes 5, 80, and 99	4F640	R/W:	\$15	PA&ED:	\$335	Prior	PA&ED:	7/7/2017	
0.1/34.6	at various locations; also in Yolo County on	2018-19	Const:	\$2,280	PS&E:	\$565	Prior	R/W Cert:	9/1/2018	
5850	Route 80 (PM 0.0/R11.7). Upgrade guard rail				R/W Sup:	\$115	Prior	RTL:	10/1/2018	
0314000232	to current standards.				Con Sup:	\$295	18-19	Begin Con:	5/1/2019	
			Subtotal:	\$2,295		\$1,310				
			Total Proj	ect Cost:		\$3,605				
			Program (Code	201.015 C	ollision Se	everity Red	luction		
Carryover			Performa	nce Measu	re 8 C	ollision(s)	reduced			
		4F580	R/W:	\$4	PA&ED:	\$380	Prior	PA&ED:	9/8/2017	
03-Sacramento-5	Near the city of Sacramento, at the Elkhorn	41.200		Ψ.			Prior	R/W Cert:	1/11/2019	
03-Sacramento-5 33.7	Near the city of Sacramento, at the Elkhorn Safety Roadside Rest Area (SRRA). Upgrade	2018-19	Const:	\$3,000	PS&E:	\$370	1 1101			
	· · · · · · · · · · · · · · · · · · ·		Const:	\$3,000	PS&E: R/W Sup:	\$370 \$50	Prior	RTL:	1/18/2019	
33.7	Safety Roadside Rest Area (SRRA). Upgrade		Const:	\$3,000				I	1/18/2019 7/20/2019	
33.7 5848	Safety Roadside Rest Area (SRRA). Upgrade		Const: Subtotal:	\$3,000 \$3,004	R/W Sup:	\$50 \$810	Prior	RTL:		
33.7 5848	Safety Roadside Rest Area (SRRA). Upgrade			\$3,004	R/W Sup:	\$50	Prior	RTL:		
33.7 5848	Safety Roadside Rest Area (SRRA). Upgrade		Subtotal:	\$3,004	R/W Sup: Con Sup:	\$50 \$810 \$1,610 \$4,614	Prior 18-19	RTL: Begin Con:	7/20/2019	
33.7 5848	Safety Roadside Rest Area (SRRA). Upgrade		Subtotal:	\$3,004 sect Cost:	R/W Sup: Con Sup:	\$50 \$810 \$1,610 \$4,614 oadside S	Prior 18-19 afety Impro	RTL:	7/20/2019	



		(3	1,000)					- 4	altrans"
Dist-Co-Rte Post Mile PPNO		EA			COS Allocation				
03-Sacramento-50 R0.5/R3.2 6246 0316000051	In Sacramento, from Stockton Boulevard to Folsom Boulevard. Construct textured pavement in narrow areas, pave partial slopes, relocate and reconstruct irrigation system, and	1H050 2020-21	R/W: Const:	\$10 \$4,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$170 \$520 \$40 \$480	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 9/15/2020 10/1/2020 5/1/2021
0310000031	install plantings and mulch to reduce maintenance and improve highway worker safety.		Subtotal: Total Proje	\$4,010 ect Cost:	Con Sup.	\$1,210 \$5,220	20-21	Begin con.	3/1/202
New			Program (201.235 N		e Access	ovements/ Free	way
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	2H110 2021-22	R/W: Const:	\$10 \$4,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$280 \$530 \$50 \$1,120	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 7/1/202 8/1/202 1/1/2022
	Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2	Subtotal: Total Proje	\$4,010 ect Cost:		\$1,980 \$5,990			
New			Program C		201.235 N		e Access	ovements/ Free	way
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.	2H150 2020-21	R/W: Const:	\$0 \$3,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$570 \$10 \$1,050	19-20 19-20 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2020 4/6/202 4/6/202 9/30/202
	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.		Subtotal: Total Proje	\$3,700 ect Cost:		\$1,880 \$5,580			
New			Program C		201.235 N	toadside Sa Maintenanc ocation(s)	e Access	ovements/ Free	way
03-Sacramento-80 R11.4/18.0 6715 0317000065	In and near Citrus Heights, from 0.4 mile north of the Route 80/244 Separation to the Placer County line. Pave areas behind the gore and at narrow and miscellaneous locations, place	2H120 2021-22	R/W: Const:	\$0 \$2,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$500 \$10 \$1,000	20-21 20-21 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2021 4/16/2022 5/6/2022 9/30/2022
	vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenanc and improve highway worker safety.	e	Subtotal: Total Proje	\$2,500 ect Cost:		\$1,770 \$4,270			
New			Program C		201.235 N		e Access	ovements/ Free	way



Dist-Co-Rte						
Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	ı Milestones
	•	Trog rear	Capitai	эцрроге		Winestones
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	1H130 2021-22	R/W: \$100 Const: \$16,400	* * * * * * * * * * * * * * * * * * * *	19-20 19-20	PA&ED: 7/1/2019 R/W Cert: 6/1/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
	systems and upgrade Americans with Disabilities Act (ADA) facilities.		Subtotal: \$16,500 Total Project Cost:	\$6,360 \$22,86 0		
New			Program Code Performance Measu	201.110 Bridge M		tation
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 Overcrossing. Widen and replace bridge deck.	3F070 2021-22	R/W: \$2,000 * Const: \$123,000	<i>'</i>	19-20 19-20	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 2/15/2022
	(G13 Contingency Project)		Subtotal: \$125,000 Total Project Cost: * Construction Capit	\$38,940 \$163,94 0 al and * Construction)	ase are NOT authorized
Carryover			Program Code Performance Measu	201.110 Bridge M		tation
Carryover 03-Sacramento-99 21.9/23.6 6923B 0317000153	In the city of Sacramento, at 21st Avenue Undercrossing No. 24-0154. Replace bridge deck.	0H342 2019-20	8	PA&ED: \$210	Prior Prior Prior	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020
03-Sacramento-99 21.9/23.6 6923B	Undercrossing No. 24-0154. Replace bridge		Performance Measu R/W: \$5	PA&ED: \$210 PS&E: \$240 R/W Sup: \$3	Prior Prior Prior 19-20	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019
03-Sacramento-99 21.9/23.6 6923B	Undercrossing No. 24-0154. Replace bridge		R/W: \$5 Const: \$4,560 Subtotal: \$4,565	PA&ED: \$210 PS&E: \$240 R/W Sup: \$3 Con Sup: \$825 \$1,278 \$5,843	Prior Prior Prior Prior Prior Prior	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020
03-Sacramento-99 21.9/23.6 6923B 0317000153	On Route 99, at South Lagoon Creek Bridge No. 24 -0028L, Lagoon Creek Bridge No. 24 -0045L (PM 5.0), and North Lagoon Creek Bridge No. 24-0027L (PM 5.1); also on Route		R/W: \$5 Const: \$4,560 Subtotal: \$4,565 Total Project Cost: Program Code	PA&ED: \$210 PS&E: \$240 R/W Sup: \$3 Con Sup: \$825 \$1,278 \$5,843 201.110 Bridge M Ire 1 Bridge(s) PA&ED: \$872	Prior	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020
03-Sacramento-99 21.9/23.6 6923B 0317000153 Carryover 03-Sacramento-99 4.9 6916	On Route 99, at South Lagoon Creek Bridge No. 24 -0028L, Lagoon Creek Bridge No. 24 -0045L (PM 5.0), and North Lagoon Creek	2019-20 3F540	R/W: \$5 Const: \$4,560 Subtotal: \$4,565 Total Project Cost: Program Code Performance Measu R/W: \$500	PA&ED: \$210 PS&E: \$240 R/W Sup: \$3 Con Sup: \$825 \$1,278 \$5,843 201.110 Bridge M Ire 1 Bridge(s) PA&ED: \$872 PS&E: \$2,000 R/W Sup: \$50	Prior	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020 tation PA&ED: 10/1/2017 R/W Cert: 3/15/2019 RTL: 4/1/2019
03-Sacramento-99 21.9/23.6 6923B 0317000153 Carryover 03-Sacramento-99 4.9 6916	On Route 99, at South Lagoon Creek Bridge No. 24 -0028L, Lagoon Creek Bridge No. 24 -0045L (PM 5.0), and North Lagoon Creek Bridge No. 24-0027L (PM 5.1); also on Route 160 (PM R44.5) at American River Bridge No. 24-0001L. Scour mitigation and bridge	2019-20 3F540	R/W: \$5 Const: \$4,560 Subtotal: \$4,565 Total Project Cost: Program Code Performance Measu R/W: \$500 Const: \$20,270 Subtotal: \$20,770	PA&ED: \$210 PS&E: \$240 R/W Sup: \$3 Con Sup: \$825 \$1,278 \$5,843 201.110 Bridge M Ire 1 Bridge(s) PA&ED: \$872 PS&E: \$2,000 R/W Sup: \$5 Con Sup: \$3,100 \$6,022 \$26,792	Prior	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020 tation PA&ED: 10/1/2017 R/W Cert: 3/15/2019 RTL: 4/1/2019 Begin Con: 7/17/2019





		(4)	1,000)			- 2	arrans"	
Dist- Co-Rte Post Mile PPNO		EA		COS Allocation				
EFIS	Location/Description	Prog Year	Capital	Support	FY	Miles	tones	
03-Sacramento-80 M6.5/M8.8 6412 0317000032	In and near the city of Sacramento, from west of Rio Linda Boulevard Undercrossing (UC) No. 24-0203 to east of Winters Street UC No. 24-0205; also on Route 51 from south of Route 51/244, 80 Separation No. 24-0291L to north of	2021-22	R/W: \$6 Const: \$20,104	PA&ED: \$1,300 PS&E: \$3,000 R/W Sup: \$500 Con Sup: \$4,300	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 1/3/2022 1/15/2022 5/15/2022	
	Route 51/244, 80 Connector No. 24-0293R (PM 8.2 to 8.6). Upgrade bridge rails at four structures and widen for standard shoulders.		Subtotal: \$20,110 Total Project Cost:	\$9,100 \$29,210				
New			Program Code Performance Measu	201.112 Bridge Rai	•	ent and Upgrad	le	
03-Sacramento-99 7.1/9.4 6912 0312000069	In and near Elk Grove, from 0.3 mile south of Dillard Road Overcrossing to south of Grant Line Road (replace Consumnes River Bridge No. 24-0020L/R, and Consumnes River	0F280 2019-20	R/W: \$6,000 * Const: \$113,000	<i>'</i>	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 4/1/2020 5/1/2020 10/15/2020	
	Overflow Bridge No. 24-0021L/R; upgrade bridge rails at Dillard Road Overcrossing No. 24-0163; construct new McConnell Overhead No. 24-0048L. Bridge seismic retrofit, bridge scour retrofit, bridge rail replacement, and bridge replacement.		Subtotal: \$119,000 Total Project Cost: * Construction Capit	\$20,000 \$139,000 all and * Construction	Support ph	ase are NOT a	uthorized	
Carryover	(G13 Contingency)		Program Code Performance Measu	201.112 Bridge Rai are 3178.0 Linear feet	•	ent and Upgrad	le	
03-Sacramento-99 R32.1 6707 0314000024	In the city of Sacramento, at Southbound Route 99/5 Connector Overcrossing No. 24-0241F; also, on Route 80 at Longview Ramp Overcrossing No. 24-0281K (PM M9.15). Seismic retrofit two structures.	4F100 2019-20	R/W: Const: \$1,900	PA&ED: \$321 PS&E: \$759 R/W Sup: \$18 Con Sup: \$691	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 11/1/2019 12/15/2019 6/1/2020	
	Seisine reacht two structures.		Subtotal: \$1,900 Total Project Cost:	\$1,789 \$3,689				
Carryover			Program Code Performance Measu	201.113 Bridge Seisure 2 Bridge(s)	smic Restor	ration		
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 bridge girders within	1H100 2020-21	R/W: \$20 Const: \$16,700		18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 2/1/2021 2/1/2021 9/1/2021	
	Route 5/50 Interchange.		Subtotal: \$16,720 Total Project Cost:	\$4,310 \$21,030				
			Program Code	201.119 Bridge Pre	ventative M	Maintenance		
New			Performance Measu	re 11 Bridge(s)				



		(2)	1,000)			Caltrans
Dist-Co-Rte Post Mile PPNO		EA			COS Allocation	
03-Sacramento-5 22,1/26,7	Location/Description In the city of Sacramento, from 0.5 mile south of Route 50 to Route 80 at South Connector	3H390 2021-22	* R/W: \$3,110 * Const: \$176,700	Support PA&ED: \$16,780 * PS&E: \$19,340	Prior 21-22	Milestones PA&ED: 12/1/2019 R/W Cert: 11/1/2021
5868 0317000340	Undercrossing No. 24-0267 (PM 22.42) and at American River Viaduct No. 24-0068L/R (PM 24.82). Improve to standard truck capacity.	2021-22	,	* R/W Sup: \$2,910 * Con Sup: \$28,390	21-22 21-22 21-22	RTL: 11/15/2021 Begin Con: 4/15/2022
	ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$179,810 Total Project Cost: * Const, * R/W, * PSo	\$67,420 \$247,230 &E, * R/W Sup, * Con	Sup phase((s) are NOT authorized
Carryover			Program Code Performance Measu	201.322 Trans Perm re 3 Bridge(s)	nit Requiren	nents for Bridges
OADWAY PRES	SERVATION					
03-Sacramento-50 L0.6/R5.3	In the city of Sacramento, from Route 5 to Wat Avenue. Roadway rehabilitation.	t 0H080 2019-20	R/W: \$3,900 * Const: \$216,000	PA&ED: \$7,800 PS&E: \$17,000	Prior 19-20	PA&ED: 12/1/2018 R/W Cert: 2/3/2020
6177 0315000074	(G13 Contingency)			R/W Sup: \$1,800 * Con Sup: \$31,800	Prior 19-20	RTL: 2/14/2020 Begin Con: 8/1/2020
			Subtotal: \$219,900 Total Project Cost: * Construction Capital	\$58,400 \$278,300 al and * Construction	Support pho	ase are NOT authorized
Carryover			Program Code Performance Measu	201.120 Roadway R re 56.0 Lane mile(s		on (3R)
03-Sacramento-80 M1.2/R11.3 6711 0315000197	In and near the city of Sacramento, from west of West El Camino Avenue to east of Route 244. Pavement rehabilitation.	of 0H470 2018-19	R/W: \$25 Const: \$10,515	PA&ED: \$550 PS&E: \$1,110 R/W Sup: \$105 Con Sup: \$2,000	Prior Prior Prior 18-19	PA&ED: 10/3/2017 R/W Cert: 12/11/2018 RTL: 1/11/2019 Begin Con: 7/15/2019
			Subtotal: \$10,540 Total Project Cost:	\$3,765 \$14,305		
Carryover			Program Code Performance Measu	201.121 Pavement Fre 0.1 Lane mile(on (CAPM)
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.		R/W: \$100 Const: \$14,000	PA&ED: \$50 PS&E: \$1,500 R/W Sup: \$80 Con Sup: \$2,500	Prior 19-20 19-20 21-22	PA&ED: 8/1/2019 R/W Cert: 9/20/2021 RTL: 10/15/2021 Begin Con: 4/1/2022
			Subtotal: \$14,100 Total Project Cost:	\$4,130 \$18,230		
Carryover			Program Code Performance Measu	201.121 Pavement I re 35.6 Lane mile(s		on (CAPM)



		(\$	1,000)					- 4	altrans"
Dist-Co-Rte Post Mile PPNO		EA	C		C		COS Allocation		
03-Sacramento-99 0.2/1.6 6924 0315000198	In Galt, from the San Joaquin County line to Simmerhorn Road; also in the cities of Elk Grove and Sacramento, from 0.7 mile south of Elk Grove Boulevard to Martin Luther King Jr.	0H480 2018-19	R/W: Const:	\$22 \$38,760	PA&ED: PS&E: R/W Sup: Con Sup:	\$850 \$1,700 \$80	Prior Prior Prior 18-19	PA&ED: R/W Cert:	5/15/2017 11/1/2018 11/16/2018 3/1/2019
	Boulevard (PM 11.9/21.5). Pavement rehabilitation.		Subtotal: Total Proj	\$38,782 ect Cost:		\$6,230 \$45,012		1	
Carryover			Program (avement R		on (CAPM)	
IOBILITY									
03-Sacramento-50 R2.6/R3.8 6200 0300001105	In the city of Sacramento, from 65th Street to east of Howe Avenue. Construct westbound auxiliary lane.	1F190 2018-19	R/W: Const:	\$6 \$3,080	PA&ED: PS&E: R/W Sup: Con Sup:	\$155 \$265 \$4 \$420	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/3/2017 2/1/2019 3/1/2019 10/1/2019
			Subtotal: Total Proj	\$3,086 ect Cost:		\$844 \$3,930			
Carryover 03-Sacramento-50	In the city of Sacramento, at Hornet Drive	0H580	Program (Performan			•	l Improvem le hour(s) o	of delay (DVH	D) 12/10/2016
R3.5 6242 0315000211	eastbound offramp. Widen ramp, add signal and right-turn lane.	2018-19	Const:	\$1,300	PS&E: R/W Sup: Con Sup:	\$450 \$130 \$460	Prior Prior 18-19	R/W Cert: RTL: Begin Con:	10/1/2018 10/7/2018 10/7/2018 4/9/2019
			Subtotal: Total Proj	\$1,430 ect Cost:		\$1,290 \$2,720			
Carryover			Program (Improvem	nents of delay (DVH	D)
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: Const:	\$150 \$7,250	PA&ED: PS&E: R/W Sup: Con Sup:	\$396 \$659 \$103 \$940	19-20 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 11/1/2020 11/15/2020 5/15/2021
			Subtotal: Total Proj	\$7,400 ect Cost:		\$2,098 \$9,498			
							l Improvem		



		(3	1,000)					- 4	arans	
Dist-Co-Rte							cos			
Post Mile PPNO		EA					Allocation			
EFIS	Location/Description	Prog Year	Сар	ital	Suppo				estones	
03-Sacramento-5	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	1H850 2020-21	R/W: Const:	\$20 \$3,000	PA&ED: PS&E: R/W Sup:	\$320 \$660 \$20	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	8/1/201 7/1/202 8/1/202	
0317000009	connector ramp meters.		Subtotal: Total Proje	\$3,020 ect Cost:	Con Sup:	\$1,020 \$2,020 \$5,040	20-21	Begin Con:	1/1/202	
Carryover			Program C			ransportat	_	gement Systems		
03-Sacramento-5 8920 0317000173	In Placer, Sacramento, and Yolo Counties, on routes 5, 80, 99, and 113. Replace obsolete Microwave Vehicle Detection System (MVDS) elements.	2H700 2018-19	R/W: Const:	\$15 \$1,403	PA&ED: PS&E: R/W Sup: Con Sup:	\$148 \$249 \$22 \$507	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/201 9/15/201 10/1/201 5/5/201	
001/0001/0			Subtotal: Total Proje	\$1,418 ect Cost:	Con Sup.	\$926 \$2,344		13 111	0,0,201	
Carryover 03-Sacramento-5	In Sacramento, from 1.1 miles south of Elk	4F450	Program C Performan R/W:			ransportat	_	gement Systems	6/23/201	
9.7/22.7 5846 0314000164	Grove Boulevard to Route 50. Install fiber opticable.		Const:	\$6,600	PS&E: R/W Sup: Con Sup:	\$900 \$440	Prior Prior 18-19	R/W Cert: RTL: Begin Con:	4/24/20 6/30/20 6/30/20	
			Subtotal: Total Proje	\$7,200 ect Cost:		\$3,380 \$10,580				
Carryover			Program C Performan			ransportat		ement Systems		
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 Wes Sacramento, from Route 80 to Sacramento	t	R/W: Const:	\$200 \$38,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$940 \$2,700 \$520 \$3,900	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/1/201 9/15/202 10/1/202 4/1/202	
	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.	!	Subtotal: Total Proje	\$38,600 ect Cost:		\$8,060 \$46,660				



		(4)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1			
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
03-Sacramento-50 12.5/23.1 6248 0317000006	In and near Rancho Cordova and Folsom, from Sunrise Boulevard to the county line; also in El Dorado County near El Dorado Hills, from the county line to Silva Valley Parkway (PM 0.0/1.7). Install fiber optic cable.	1H820 2020-21	R/W: Const:	\$21 \$4,650 \$4,671	PA&ED: PS&E: R/W Sup: Con Sup:	\$240 \$950 \$110 \$1,050	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2018 6/15/2020 7/1/2020 11/1/2020
			Total Proje	ect Cost:		\$7,021			
Carryover			Program C Performan			ransportat file(s) of c	•	ement Systems	
03-Sacramento-80 6717 0317000157	In various counties, on various routes. Repair o replace damaged inductive loop vehicle detection elements.	r 2H570 2018-19	R/W: Const:	\$15 \$922	PA&ED: PS&E: R/W Sup: Con Sup:	\$94 \$211 \$22 \$365	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 9/15/2018 10/1/2018 5/5/2019
			Subtotal: Total Proje	\$937		\$692 \$1,629			
Carryover			Program C Performan			ransportat	·	ement Systems	
03-Sacramento-80 M0.1/18.0 6713 0315000204	In and near the cities of Sacramento and Citrus Heights, from east of the Yolo County line to the Placer County line; also in Placer County, in the city of Roseville from the Sacramento County line to east of the Sacramento County	0H540 2019-20	R/W: Const:	\$50 \$12,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$1,200 \$300 \$1,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 11/1/2019 11/15/2019 5/15/2020
	line (PM 0.0/0.7). Install fiber optic communication line.		Subtotal: Total Proje	\$12,250 ect Cost:		\$4,500 \$16,750			
Carryover			Program C Performan		201.315 T re 18.4 M	-	_	ement Systems	
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 to 0.1) Install fiber optic cable.		R/W: Const:	\$100 \$9,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,000 \$50 \$1,300	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 9/1/2021 10/1/2021 5/1/2022
			Subtotal: Total Proje	\$9,100 ect Cost:		\$3,050 \$12,150			
Carryover			Program C			ransportat file(s) of c	·	ement Systems	

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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY	ı Miles	tones
03-Sacramento-80 15.2/17.0 6712 0315000203	In Citrus Heights, from east of Elkhorn Boulevard/Greenback Lane to west of Riverside Avenue. Upgrade weigh-in-motion (WIM) station and widen the westbound auxiliary lane to the Antelope Truck Scales.		R/W: Const:	\$50 \$3,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$600 \$100 \$740	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 3/1/2019 3/15/2019 8/1/2019
	to the ranciope redex seales.		Subtotal: Total Proj	\$3,750 ect Cost:		\$1,790 \$5,540			
Carryover			Program (201.321 V re 1 L	Veigh Stat			
ROADSIDE PRES	SERVATION						<u>′</u>		
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: Const:	\$10 \$2,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$230 \$520 \$80 \$430	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2020 7/25/2021 8/1/2021 3/5/2022
			Subtotal: Total Proj	\$2,510 ect Cost:		\$1,260 \$3,770			
New			Program (Iighway P	Planting Res	toration	
	Saci	ramento	County	7					
			R/W:	\$17,255	PA&ED:	\$43,761			
			Const:	\$890,682	PS&E: R/W Sup:	\$79,928			
					Con Sup:	. ,			

R/W	\$17,255	PA&ED:	\$43,761
Const	\$890,682	PS&E:	\$79,928
		R/W Sup:	\$9,172
		Con Sup:	\$140.143

Subtotal: \$907,937 \$273,004 Total (Capital + Support): \$1,180,941

2018 SHOPP Project List San Benito



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	oital	Suppo	ort	COS Allocation FY	Milestones
COLLISION RED	DUCTION							
05-San Benito-25 18.8/19.1 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 2019-20	R/W: Const:	\$363 \$4,265	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,181 \$1,756 \$345 \$1,506	Prior 18-19 18-19 19-20	PA&ED: 11/13/2018 R/W Cert: 2/19/2020 RTL: 4/6/2020 Begin Con: 10/28/2020
			Subtotal: Total Proj	\$4,628 ect Cost:		\$4,788 \$9,416		
Carryover	Q.	n ''	Performan	ice Measu			provements s) reduced	
	Sa	n Benito	County	7				
			R/W: Const:	\$363 \$4,265	PA&ED: PS&E:	\$1,181 \$1,756		
					R/W Sup: Con Sup:	\$345 \$1,506		
			Subtotal:	\$4,628		\$4,788		
			Total (Cap	ital + Sup	port):	\$9,416		



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
		rrog rear	Сар	ıtaı	Suppo)I t	FI	WIIIes	tones
MAJOR DAMAGE 08-San Bernardino-15 R20.6/R20.9 3006U 0817000032	Near Hesperia, from Cleghorn Road Undercrossing to Route 138 at the southbound Cajon Truck Facility. Reconstruct southbound truck scale that was destroyed by the Blue Cut Fire.	1H390 2018-19	R/W: Const:	\$10 \$2,146	PA&ED: PS&E: R/W Sup: Con Sup:	\$286 \$488 \$20 \$550	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 9/1/2018 10/1/2018 6/30/2019
	The.		Subtotal: Total Proje	\$2,156 ect Cost:		\$1,344 \$3,500			
Carryover			Program C			ermanent l	Restoration		
08-San Bernardino-15 40.3/40.7 3006T 0817000024	In Victorville, near Palmdale Road (Route 18) and Route 15. Restore vegetation and irrigation system due to fire damage.	1H271 2018-19	R/W: Const:	\$10 \$1,061	PA&ED: PS&E: R/W Sup: Con Sup:	\$206 \$493 \$54 \$577	Prior Prior Prior 18-19	R/W Cert: RTL:	4/16/2018 11/15/2018 12/15/2018 6/18/2019
			Subtotal: Total Proje	\$1,071 ect Cost:		\$1,330 \$2,401			
Carryover			Program C			ermanent i	Restoration		
08-San Bernardino-15 R110.0 3005L 0816000060	Near Baker, at 1.6 miles south of Afton Road Overcrossing. Reconstruct eroded earthen dike that protects the highway from inundation and flooding. The failed section of berm is located	1G740 2019-20	R/W: Const:	\$128 \$1,691	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$540 \$102 \$540	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/18/2019 4/15/2020 5/18/2020 1/4/2021
	750 yards from the southbound 1-15 outside shoulder.		Subtotal: Total Proje	\$1,819 ect Cost:		\$2,182 \$4,001		,	
Carryover			Program C			ermanent (ocation(s)	Restoration	ı	
08-San Bernardino-40 0.4 3006V 0817000031	In Barstow, at 0.4 mile east of Route 15/40 Separation. Reconstruct a damaged section of trapezoidal channel.	1H400 2019-20	R/W: Const:	\$10 \$6,951	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$780 \$20 \$975	Prior 18-19 18-19 19-20	l .	1/4/2019 11/22/2019 12/27/2019 7/10/2020
			Subtotal: Total Proje	\$6,961 ect Cost:		\$2,165 \$9,126			
Carryover			Program C			ermanent ocation(s)	Restoration	ı	



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Dist- Co-Rte Post Mile PPNO	Lagation/Description	EA Buog Voor	Con	aital	S		COS Allocation		towns
EFIS	Location/Description	Prog Year	Caj	pital	Supp	ort	FY	Ivilles	tones
08-San Bernardino-62 124.0/142.0 3005P 0815000106	Near Vidal Junction, from west of Route 95 to west of Parker Dam Road. Restore storm eroded embankments with Rock Slope Protection (RSP). A previous Emergency Opening EA 08-1F660 repaired roadway.	1G010 2019-20	R/W: Const:	\$107 \$8,435	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,279 \$902 \$76 \$1,940	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2018 2/3/2020 5/1/2020 2/16/2021
	The grant of the control of		Subtotal: Total Proj	\$8,542 ect Cost:		\$4,197 \$12,739			
Carryover			Program (Permanent Location(s)	Restoration		
08-San Bernardino-173 18.7 3006J 0817000006	Near Cedar Glen, at 0.1 mile south of Hospital Road. Widen shoulder and replace guard rail with concrete barrier mounted on soldier pile wall.	1H290 2019-20	R/W: Const:	\$10 \$2,345	PA&ED: PS&E: R/W Sup: Con Sup:	\$93	Prior 18-19 18-19 19-20	R/W Cert: RTL:	11/15/2018 3/13/2020 4/15/2020 12/15/2020
			Subtotal: Total Proj	\$2,355 lect Cost:		\$3,262 \$5,617			
Carryover			Program (Permanent	Restoration		
COLLISION DEDI	UCTION								
08-San Bernardino-18 97.0/99.5 3006F 0813000140	In Victorville, from Amargosa Road to Cobalt Road. Construct raised curb median.	1E060 2019-20	R/W: Const:	\$884 \$5,087	PA&ED: PS&E: R/W Sup: Con Sup:	\$920 \$1,150 \$480 \$1,050	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/30/2018 4/1/2020 5/1/2020 9/30/2020
			Subtotal: Total Proj	\$5,971 lect Cost:		\$3,600 \$9,571			
Carryover			Program (201.010 S re 25 C	Safety Imp			
08-San Bernardino-62 34.1/34.6 3005K 0815000238	In Twentynine Palms, from 0.1 mile west of to 0.4 mile east of Utah Trail. Install traffic signals meeting current Americans with Disabilities Act (ADA) Standards, crosswalks and flashing beacon system.	1G450 2018-19	R/W: Const:	\$25 \$826	PA&ED: PS&E: R/W Sup: Con Sup:	\$397 \$486 \$42 \$590	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2017 8/14/2018 9/14/2018 4/15/2019
	and masning ocacon system.		Subtotal: Total Proj	\$851 lect Cost:		\$1,515 \$2,366			
Carryover			Program (201.010 S	Safety Imp			



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Dist- Co-Rte Post Mile						cos					
PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Supp		Allocation FY	stones			
08-San Bernardino-95 9.6/56.5 3006H 0815000047	Near Needles, from Route 62 to 0.8 mile south of Route 40. Construct ground-in shoulder and centerline rumble strips.	1F780 2019-20	R/W: Const:	\$10 \$1,390	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$700 \$30 \$450	Prior Prior Prior 19-20	PA&ED: R/W Cert:	2/8/2018 10/30/2018 11/30/2018		
			Subtotal: Total Proje	\$1,400 ct Cost:		\$1,830 \$3,230					
Carryover			Program Co		201.010 S re 57 C	Safety Impr					
08-San Bernardino-215 4.8/5.8 3010E 0817000132	In the city of San Bernardino, from 0.2 mile south of Orange Show Road/ Auto Center Drive to 0.2 mile north of Inland Center Drive. Lane reconfiguration and pavement widening.	1H770 2019-20	R/W: Const:	\$10 \$6,448	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,065 \$1,615 \$31 \$1,950	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2019 2/1/2020 4/1/2020 11/25/2020		
			Subtotal: Total Proje	\$6,458 ct Cost:		\$4,661 \$11,119					
Carryover			Program Co		201.010 S re 123 C	Safety Impr Collision(s)					
08-San Bernardino-247 20.3/76.8 3006K 0815000051	In and near Barstow, from 0.1 mile north of Boone Road to 0.7 mile south of Rimrock Road Construct ground-in shoulder and centerline rumble strips.	1F770 . 2019-20	R/W: Const:	\$10 \$1,953	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$720 \$60 \$550	Prior Prior Prior 19-20	R/W Cert: RTL:	12/15/2017 7/10/2018 7/30/2018 10/23/2018		
			Subtotal: Total Proje	\$1,963 ct Cost:		\$1,930 \$3,893					
Carryover			Program Co		201.010 S re 65 C	Safety Impr Collision(s)					
08-San Bernardino-15 R96.1/R124.3 3002E 0813000003	Near Barstow, from 0.3 mile south of Harvard Road to Rasor Road. Regrade and flatten median cross slope.	1C720 2019-20	R/W: Const:	\$10 \$15,058	PA&ED: PS&E: R/W Sup: Con Sup:	\$890 \$920 \$50 \$3,160	Prior Prior Prior 19-20	R/W Cert: RTL:	12/20/2017 12/30/2019 1/30/2020 10/22/2020		
			Subtotal: Total Proje			\$5,020 \$20,088					
Carryover			Program Co		201.015 C re 87 C	Collision Se	•	luction			



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Dist- Co-Rte Post Mile					cos	
PPNO		EA			ı	
EFIS	Location/Description	Prog Year	Capital	Support	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 Const: \$28,488	PA&ED: \$3,200 PS&E: \$1,900 R/W Sup: \$300 Con Sup: \$3,300	18-19 20-21 20-21 21-22	PA&ED: 11/30/2020 R/W Cert: 1/31/2022 RTL: 2/28/2022 Begin Con: 11/30/2022
			Subtotal: \$30,563 Total Project Cost:	\$8,700 \$39,263		
New			Program Code Performance Measu	201.015 Collision S	-	luction
08-San Bernardino-40 R75.0/R100.0 3001R 0812000025	Near Essex, from west of Kelbaker Road to Essex Road. Regrade and flatten median cross slope.	0R150 2018-19	R/W: \$5,010 Const: \$21,178	PA&ED: \$3,000 PS&E: \$2,500 R/W Sup: \$200 Con Sup: \$3,200	Prior 18-19 18-19 18-19	PA&ED: 8/31/2018 R/W Cert: 4/30/2019 RTL: 5/31/2019 Begin Con: 1/31/2020
			Subtotal: \$26,188 Total Project Cost:	\$8,900 \$35,088		
Carryover			Program Code Performance Measu	201.015 Collision S	-	luction
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.		R/W: \$5,006 Const: \$25,500	,	18-19 19-20 19-20 20-21	PA&ED: 3/31/2020 R/W Cert: 3/31/2021 RTL: 4/30/2021 Begin Con: 11/30/2021
			Subtotal: \$30,506 Total Project Cost:	\$9,600 \$40,10 6		
New			Program Code Performance Measu	201.015 Collision S	,	luction
08-San Bernardino-40 R125.0/R154.6 3003J 0815000201	In and near Needles, from 4.5 miles east of Homer Wash to Arizona State line. Regrade and flatten median cross slope.	0R142 2019-20	R/W: \$5,006 Const: \$19,134		Prior 18-19 18-19 19-20	PA&ED: 11/30/2018 R/W Cert: 1/31/2020 RTL: 2/28/2020 Begin Con: 11/30/2020
			Subtotal: \$24,140 Total Project Cost:	\$8,200 \$32,340		



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Suppo		COS Allocation FY	Miles	tones
08-San Bernardino-10 26.8/34.2 3003F 0817000219	In Loma Linda and Redlands, from Richardson Street Overcrossing to 0.1 mile west of Wabash Avenue Overcrossing. Roadside safety improvements.	1C29U 2018-19	R/W: Const:	\$10 \$7,377	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$695 \$30 \$860	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 9/6/2018 2/1/2019 8/5/2019
			Subtotal: Total Pro	\$7,387 ject Cost:		\$1,935 \$9,322			
Carryover			Program Performa	Code nce Measu	201.235 N		ce Access	vements/ Free	way
08-San Bernardino-10 34.2/R39.1 3001U 0812000270	In Redlands and Yucaipa, from Wabash Avenue to County line Road. Construct roadside safety improvements.	e 1C300 2019-20	R/W: Const:	\$7 \$1,899	PA&ED: PS&E: R/W Sup: Con Sup:	\$358 \$417 \$43 \$362	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/11/2018 8/15/2019 9/19/2019 6/15/2020
			Subtotal: Total Pro	\$1,906 ject Cost:		\$1,180 \$3,086			
Carryover			Program Performa	Code nce Measu	201.235 N		ce Access	vements/ Free	way
MANDATES 08-San Bernardino-38 50.4/59.4 3008W 0817000232	At various locations, from Eagle Mountain Drive to Route 38/18 Separation. Sediment control and stabilization.	0R432 2019-20	R/W: Const:	\$150 \$576	PA&ED: PS&E: R/W Sup: Con Sup:	\$86 \$50 \$200	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/24/2016 3/20/2017 7/5/2019 3/27/2020
			Subtotal: Total Pro	\$726		\$336 \$1,062			
Carryover			Program Performa	Code nce Measu			er Mitigation		
BRIDGE PRESERY	VATION								
	In Colton, from 0.3 mile south to 0.3 mile north of Washington Avenue Overcrossing No. 54 -0530. Replace overcrossing.	1F730 2019-20	R/W: Const:	\$3,726 \$17,871	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,125 \$2,870 \$296 \$1,790	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 11/8/2019 2/21/2020 6/12/2020
			Subtotal: Total Pro	\$21,597 ject Cost:		\$6,081 \$27,678			
			Program	Code	201.110 E	Bridge Maj	jor Rehabilit	ation	





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Dist-Co-Rte							cos		
Post Mile PPNO		EA					Allocation	n	
EFIS	Location/Description	Prog Year	Car	oital	Supp		FY	Miles	tones
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.		R/W: Const:	\$30 \$9,652	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,393 \$1,903 \$55 \$2,538	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2020 2/22/2022 3/15/2022 11/2/2022
			Subtotal: Total Proj	\$9,682 ect Cost:		\$5,889 \$15,571			
New			Program (Bridge Scor	ur Mitigatio	on	
08-San Bernardino-18 95.4 3006C 0815000192	In Victorville, at Mojave River Bridge No. 54 -0307; also on Route 10, at Colton Overhead No. 54-0464R (PM R22.36); and Route 215 North/Route 10 East Connector Overhead No. 54-0482G (PM 3.72). Various repairs to three bridges.	1G280 2021-22	R/W: Const: Subtotal:	\$62 \$2,639 \$2,701 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$320 \$780 \$100 \$690 \$1,890 \$4,591	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/6/2020 9/17/2021 10/15/2021 4/29/2022
New 08-San Bernardino-10 11.6/R22.4	In San Bernardino County, at the Etiwanda San Sevain FCC Br. No. 54-0454L, Colton	1J210 2020-21	Program (Performan * R/W: * Const:			Bridge Prev Bridge(s) \$5,822 \$6,370	Prior 20-21	PA&ED:	12/11/2019 2/12/2021
3009R 0817000240	Overhead No. 54-0464R; also on Route 60, at Ramona Avenue Overcrossing No. 54-0745 (PM R1.37). In Riverside County, on Route 10 at Highland Springs Avenue Undercrossing No. 56-0432 (PM 9.3) and at Eagle Mountain Road Bridge No. 56-0575L/R (PM R102.0). Improve freight corridor movement by modifying and replacing bridges to meet vertical clearance and load-carrying capacity standards.		Subtotal: Total Proj * Const, *	\$61,900 ect Cost:	* R/W Sup: * Con Sup: &E, * R/W S	\$20,542 \$82,442	20-21 20-21 Sup phase	RTL: Begin Con:	3/10/2021 1/5/2022 thorized
			Program (it Requirer	ments for Bridg	es
Carryover	ACCELERATED BRIDGE (PA&ED Only)		Performar	ice Measu	re 6 E	Bridge(s)			
ROADWAY PRES	<u>ERVATION</u>								
08-San Bernardino-15 64.6/75.3 3003V 0815000242	In Barstow, from Outlet Center Drive to Mojave River Bridge. Rehabilitate pavement.	0K123 2019-20	R/W: Const:	\$10 \$26,798	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,200 \$10 \$2,100	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2017 8/9/2019 10/2/2019 8/3/2020
			Subtotal: Total Proj			\$3,910 \$30,718			_
Carryover			Program (Pavement F		on (CAPM)	



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Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
08-San Bernardino-18 100.9/115.9 3007M 0816000020	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: Const:	\$65 \$16,442	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$1,588 \$77 \$2,366	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje	\$16,507 ect Cost:		\$4,595 \$21,102			
New			Program C Performan			avement R ane mile(s		on (CAPM)	
08-San Bernardino-62 121.5/142.7 3004A 0816000003	Near Vidal, from 3.8 miles west of Route 95 to Arizona State line. Rehabilitate pavement and upgrade guardrail.	1F133 2019-20	R/W: Const:	\$65 \$11,314	PA&ED: PS&E: R/W Sup: Con Sup:	\$400 \$515 \$87 \$2,660	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/4/2018 1/7/2020 2/21/2020 10/26/2020
			Subtotal: Total Proje	\$11,379 ect Cost:		\$3,662 \$15,041			
Carryover			Program C			avement R ane mile(s		on (CAPM)	
08-San Bernardino-95 9.7/33.6 3002V 0815000211	Near Needles, from Route 62 to south of Havasu Lake Road. Rehabilitate pavement.	1F131 2019-20	R/W: Const:	\$65 \$9,567	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$320 \$10 \$1,500	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje	\$9,632 ect Cost:		\$2,280 \$11,912			
Carryover			Program C			avement F ane mile(s		on (CAPM)	
08-San Bernardino-95 64.5/80.5 3003Y 0815000212	Near Needles, from Goffs Road to Nevada State line. Rehabilitate pavement.	e 1F132 2019-20	R/W: Const:	\$65 \$4,389	PA&ED: PS&E: R/W Sup: Con Sup:	\$200 \$150 \$10 \$690	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/4/2018 1/7/2020 2/21/2020 10/26/2020
			Subtotal: Total Proje	\$4,454 ect Cost:		\$1,050 \$5,504			
Carryover			Program C			avement R		on (CAPM)	



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Dist- Co-Rte Post Mile			COS						
PPNO		EA				I	Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
08-San Bernardino-15	In and near Fontana and Rialto, from Sierra	0K121	R/W:	\$10	PA&ED:	\$570	Prior	PA&ED:	1/10/2018
12.8/14.8	Avenue to Glen Helen Parkway. Rehabilitate	2019-20	Const:	\$26,073	PS&E:	\$900	Prior	R/W Cert:	9/9/2019
3003T	roadway.				R/W Sup:	\$10	Prior	RTL:	12/2/2019
0815000245					Con Sup:	\$2,850	19-20	Begin Con:	8/3/2020
			Subtotal:	\$26,083		\$4,330			
			Total Proj	ect Cost:		\$30,413			
			Program (Code	201.122 R	Roadway R	ehabilitatio	on (2R)	
Carryover			Performan	ice Measu	re 16.0 L	ane mile(s	s)		
08-San Bernardino-15	In Hesperia and Victorville, from Oak Hill Roa	d 0K122	R/W:	\$10	PA&ED:	\$900	Prior	PA&ED:	3/1/2018
R28.6/37.5	to south of Bear Valley Road. Rehabilitate	2019-20	* Const:	\$159,029	PS&E:	\$5,300	18-19	R/W Cert:	11/4/2019
3003U	roadway.				R/W Sup:	\$210	18-19	RTL:	2/3/2020
0815000244	(G13 Contingency)				* Con Sup:	\$11,700	19-20	Begin Con:	10/29/2020
	(0.00 0.000.000)		Subtotal:	\$159,039		\$18,110			
			Total Proj		9	\$177,149			
			* Construc	tion Capito	al and * Con	struction !	Support ph	ase are NOT at	ıthorized
			Program (Code	201.122 R	Roadwav R	ehabilitatio	on (2R)	
Carryover			Performan			ane mile(s		,	
08-San Bernardino-330	Near Smiley Park, from 6.9 miles south of	1E780	R/W:	\$30	PA&ED:	\$370	Prior	PA&ED:	1/15/2018
37.1/39.8	Running Spring to 3.4 miles east of Fork City	2018-19	Const:	\$2,955	PS&E:	\$400	Prior	R/W Cert:	11/1/2018
3002H	Creek Bridge. Construct rockfall barrier to				R/W Sup:	\$20	Prior	RTL:	12/3/2018
0814000103	stabilize hillside slopes.				Con Sup:	\$600	18-19	Begin Con:	6/17/2019
			Subtotal:	\$2,985		\$1,390			
			Total Proj	ect Cost:		\$4,375			
			Program (Code	201.150 R	Roadway P	rotective B	etterments	
Carryover			Performan	ice Measu	re 2 L	ocation(s)			
08-San Bernardino-18	In and near Arrowhead, from 48th Street to	0G691	R/W:	\$385	PA&ED:	\$742	Prior	PA&ED:	5/1/2020
T8.0/R17.8	Route 138. Repair, reline and replace culverts.	2021-22	Const:	\$7,185	PS&E:	\$1,090	20-21	R/W Cert:	2/15/2022
0184C					R/W Sup:	\$1,240	20-21	RTL:	5/2/2022
0815000184					Con Sup:	\$1,059	21-22	Begin Con:	1/17/2023
			Subtotal:	\$7,570		\$4,131			
			Total Proj	ect Cost:		\$11,701			
							_		
			Program (Code	201.151 E	Prainage S	ystem Rest	oration	
Carryover			Performan			Culvert(s) (



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
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 1 2021-22	R/W: Const:	\$700 \$4,107	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,192 \$1,493 \$2,708 \$1,417	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2020 12/1/2021 1/18/2022 7/15/2022
			Subtotal: Total Proj	\$4,807 ect Cost:		\$6,810 \$11,617			
New			Program (Orainage S	ystem Rest	oration	
08-San Bernardino-38 47.5/59.4 0205C 0812000111	Near Big Bear Lake, from Zaca Road to Route 18. Replace culverts.	0G800 2019-20	R/W: Const:	\$697 \$2,397	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,040 \$1,900 \$800	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/17/2018 3/2/2020 3/16/2020 9/15/2020
			Subtotal: Total Proj	\$3,094 ect Cost:		\$4,340 \$7,434			
Carryover			Program (Orainage S	ystem Rest	oration	
08-San Bernardino-60 R0.0/R9.9 0178P 0815000160	In Pomona, Chino and Ontario, from Los Angeles County line to Riverside County line. Replace existing signs with retro-reflective sheeting.	1F361 2019-20	R/W: Const:	\$10 \$1,271	PA&ED: PS&E: R/W Sup: Con Sup:	\$125 \$289 \$12 \$250	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 9/3/2019 3/2/2020 11/2/2020
			Subtotal: Total Proj	\$1,281 ect Cost:		\$676 \$1,957			
Carryover			Program (igns and I	Lighting Re	habilitation	
08-San Bernardino-210 R21.7/R33.2 3005A 0816000011	In San Bernardino County, on Routes 71, 210, 215 and 259 at various locations. Replace existing guide signs with Type XI reflectivity.	1F362 2018-19	R/W: Const:	\$10 \$2,069	PA&ED: PS&E: R/W Sup: Con Sup:	\$301 \$614 \$32 \$625	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/13/2017 2/1/2019 5/1/2019 12/2/2019
			Subtotal: Total Proj	\$2,079 ect Cost:		\$1,572 \$3,651			
Carryover			Program (•	ighting Re	habilitation	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Supp		COS Allocation FY		tones
MOBILITY									
08-San Bernardino-60 R7.3/R10.0 3003N 0817000075	In Ontario, from Haven Avenue to Milliken Avenue/Hamner Avenue. Construct auxiliary lane and widen connector and ramps.	0E33U 2019-20	R/W: Const: \$	\$710 \$20,955	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,700 \$4,170 \$20 \$7,107	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2018 5/1/2020 5/15/2020 3/1/2021
			Subtotal: S Total Projec	\$21,665 et Cost:		\$13,997 \$35,662			
			Program Co			•	l Improvem		D)
Carryover			Performance	e Measu	re 1823./ 1	Daily vehic	ele hour(s) o	of delay (DVH)	D)
08-San Bernardino-10 29.4/R39.2 3009A 0815000168	In and near Redlands, from Route 210/10 Junction to the Riverside County line. Install wireless Vehicle Detection Stations (VDS) pole Changeable Message Signs (CMS), Closed Circuit Television (CCTV), Data Node Cabinet	,	R/W: Const:	\$10 \$7,654	PA&ED: PS&E: R/W Sup: Con Sup:	\$10	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 5/1/2019 6/3/2019 11/1/2019
	and Fiber Optic elements.		Subtotal: Total Projec	\$7,664 et Cost:		\$2,910 \$10,574			
Carryover			Program Co			Transportat	Č	ement Systems	
08-San Bernardino-71 R0.0/R8.5 3009N 0814000176	Near Chino Hills, from the Los Angeles County line to the Riverside County line; also in Riverside County, from San Bernardino County line to Route 91 (PM R0.0 to PM R3.0). Replace and upgrade existing communication	2019-20	R/W: Const: \$	\$99 \$11,167	PA&ED: PS&E: R/W Sup: Con Sup:	\$561 \$1,361 \$113 \$1,657	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 1/6/2020 5/1/2020 1/5/2021
	elements and install Closed Circuit Television Cameras (CCTV) for the Traffic Management System (TMS).		Subtotal: S	\$11,266 et Cost:		\$3,692 \$14,958			
Carryover			Program Co			Fransportat	-	ement Systems	
08-San Bernardino-210 10.5/12.7 3003X 0815000170	In Rancho Cucamonga and Fontana, from East Avenue to west of Beech Avenue; also on Rout 15, at Route 210/15 Separation. Install Transportation Management System (TMS)	1G210 se 2018-19	R/W: Const:	\$19 \$2,692	PA&ED: PS&E: R/W Sup: Con Sup:	\$135 \$390 \$10 \$450	Prior Prior Prior 18-19	R/W Cert: RTL:	10/27/2017 2/26/2019 3/15/2019 10/15/2019
	elements.		Subtotal: Total Projec	\$2,711 et Cost:		\$985 \$3,696		•	
Carryover			Program Co			Fransportat	•	ement Systems	
							` '		





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Dist- Co-Rte Post Mile							COS		
PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		Allocation FY	n Miles	tones
08-San Bernardino-215 4.0/17.8 3007S 0816000186	In and near the city of San Bernardino, from Route 215/10 Connector to Route 215/15 Junction; also on Route 259, from Route 259/215 Separation to Route 259/210 Junction. Install wireless Vehicle Detection Stations	47642 2019-20	R/W: Const:	\$10 \$9,238	PA&ED: PS&E: R/W Sup: Con Sup:	\$376 \$842 \$37	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 5/1/2020 6/1/2020 2/1/2021
	(VDS), Changeable Message Signs (CMS), Closed Circuit Television (CCTV) and Fiber Optic elements.		Subtotal: Total Pro	\$9,248 ject Cost:		\$3,185 \$12,433			
Carryover			Program Performa	Code nce Measu		ransportat	-	ement Systems	
08-San Bernardino-40 R28.9 3007N 0816000035	Near Newberry Springs, at 5.6 miles east of For Cady Road Overcrossing. Replace the existing Weigh-in-Motion (WIM) system to meet curren standards.	2020-21	R/W: Const:	\$11 \$2,136	PA&ED: PS&E: R/W Sup: Con Sup:	\$310 \$593 \$32 \$664	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 9/1/2020 10/1/2020 5/1/2021
			Subtotal: Total Pro	\$2,147 ject Cost:		\$1,599 \$3,746			
New			Program Performa	Code nce Measu	201.321 V re 1 L	Veigh Stati			
ROADSIDE PRESI 08-San Bernardino-40 R105.3/R105.6 0206L 0814000132	ERVATION Near Needles, west of Goffs Road at John Wilkie Safety Roadside Rest Area (SRRA). Reconstruct safety roadside rest areas.	0G860 2019-20	R/W: Const:	\$10 \$5,340	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,400 \$1,940 \$10 \$2,300	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 1/15/2020 5/1/2020 2/1/2021
			Subtotal: Total Pro	\$5,350 ject Cost:		\$5,650 \$11,000			
Carryover			Program Performa	Code nce Measu		Safety Road		Area Restoratio	n
FACILITIES									
08-San Bernardino-15 3005R 0812000076	In Fontana, near the southeast quadrant of Route 15/210 Interchange. Construct new maintenance facility (L5758) adjacent to the Southern Regional Laboratory.	e 0R420 2021-22	R/W: Const:	\$10 \$19,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$0 \$10 \$3,600	18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 8/15/2021 9/5/2021 5/10/2022
			Subtotal: Total Pro	\$19,810 ject Cost:		\$5,110 \$24,920			
New			Program Performa	Code nce Measu		Maintenanc		3	

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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation FY		tones
08-San Bernardino-215 3001P 0800020563	In the city of San Bernardino, at San Bernardino Maintenance Station (L5726) at 175 Cluster Street. Reconstruct maintenance station.	0K840 2018-19	R/W: Const:	\$10 \$6,670	PA&ED: PS&E: R/W Sup: Con Sup:	\$897 \$1,248 \$42 \$1,755	Prior Prior Prior 18-19	R/W Cert:	10/17/2017 2/28/2019 3/28/2019 11/21/2019
			Subtotal: Total Proje	\$6,680 ect Cost:		\$3,942 \$10,622			
Carryover			Program (Maintenanc	ee Facilities		
MULTIPLE OBJE	<u>CTIVE</u>								
08-San Bernardino-15 R107.4 3007E 0817000103	At Clyde V. Kane northbound (NB) and southbound (SB) Safety Roadside Rest Areas (SRRA); also at Valley Wells, NB and SB SRRA (PM 161.2). Transportation infrastructure improvement for zero-emission	1H660 2018-19	R/W: Const:	\$10 \$1,183	PA&ED: PS&E: R/W Sup: Con Sup:	\$259 \$415 \$33 \$265	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/18/2018 2/15/2019 3/18/2019 9/17/2019
	infrastructure improvement for zero-emission vehicle charging.		Subtotal: Total Proje	\$1,193 ect Cost:		\$972 \$2,165			
			Program (Е ОВЈЕСТІ	VE	
Carryover			Performan	ce Measu	re 4 I	Location(s)			
	San Ber	nardino	County	,					
			R/W: Const:	\$26,327 \$609,036	PA&ED:	\$45,616 \$59,053			
			201101.	,050	R/W Sup:				
					Con Sup:	\$90,893			

Subtotal: \$635,363

Total (Capital + Support):

\$205,187

\$840,550

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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
COLLISION RED	UCTION					
11-San Diego-Var 1200 1116000094	At various locations, on Routes 5, 8, 15, 52, 54, 56, 67, 75, 76, 78, 94, 125, 163, 805 and 905. Upgrade and install curve warning signs.	, 42490 2020-21	R/W: \$ Const: \$2,35	0 PS&E: \$ R/W Sup:	498 18-19 561 19-20 \$0 497 20-21	PA&ED: 11/18/2019 R/W Cert: 12/15/2020 RTL: 1/15/2021 Begin Con: 10/15/2021
			Subtotal: \$2,35 Total Project Cost		556 906	
New			Program Code Performance Mea		ion Severity Redion(s) reduced	uction
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: \$1 Const: \$5,91	7 PS&E: \$ R/W Sup:	660 18-19 917 18-19 988 20-21	PA&ED: 1/22/2019 R/W Cert: 8/9/2020 RTL: 9/9/2020 Begin Con: 5/24/2021
			Subtotal: \$5,92 Total Project Cost		565 493	
New			Program Code Performance Mea		ion Severity Redi	uction
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: \$ Const: \$4,55	2 PS&E: \$1, R/W Sup:	526 18-19 046 19-20 \$0 824 20-21	PA&ED: 7/12/2019 R/W Cert: 10/16/2020 RTL: 11/20/2020 Begin Con: 5/4/2021
	curon standards.		Subtotal: \$4,55 Total Project Cost		396 948	
New			Program Code Performance Mea		ion Severity Redi	uction
11-San Diego-52 0.0/14.8 1135 1115000026	In the city of San Diego and Santee, from Route 5 to Route 125. Construct rumble strips, enhance pavement delineation and install barrier.	e 42030 2019-20	R/W: Const: \$4,12	1 PS&E: \$1, R/W Sup:	478 Prior 015 Prior 317 19-20	PA&ED: 3/28/2018 R/W Cert: 7/2/2019 RTL: 7/15/2019 Begin Con: 3/16/2020
1113000020			Subtotal: \$4,12 Total Project Cost	1 \$2,	810 931	3/10/2020
Carryover			Program Code Performance Mea		ion Severity Redion(s) reduced	uction



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Dist- Co-Rte Post Mile PPNO	Landing (Description	EA	Con	.52.1	C		COS Allocation		4
EFIS	Location/Description	Prog Year	· Capital		Support		FY	Miles	tones
11-San Diego-VAR 1168 1115000134	In San Diego County, on various routes at various locations. Construct maintenance vehicle pullouts, pave areas beyond the gore, upgrade crash cushions, reduce maintenance intensive landscaping and relocate irrigation	41134 2018-19	R/W: Const:	\$3 \$3,618	PA&ED: PS&E: R/W Sup: Con Sup:	\$409 \$1,469 \$2 \$522	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/4/201 3/29/201 5/10/201 9/20/201
	controls.		Subtotal: Total Proj	\$3,621 ect Cost:		\$2,402 \$6,023			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
·								<u> </u>	
11-San Diego-8 2.8/5.0 1165 1114000118	In the city of San Diego, from east of Route 163 to east of Route 805; also on Route 805, from north of Adams Avenue to south of Route 8 (PM 17.3/17.5). Roadside safety improvements	2018-19	R/W: Const:	\$3 \$5,209	PA&ED: PS&E: R/W Sup: Con Sup:	\$603 \$2,167 \$3 \$770	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/18/201 4/19/201 6/7/201 10/18/201
			Subtotal: Total Proj	\$5,212 ect Cost:		\$3,543 \$8,755			
Carryover			Program (ice Measu	201.235 N re 48 L	faintenance ocation(s)	e Access	ovements/ Free	
11-San Diego-8 5.0/6.0 1166	In the city of San Diego, from east of Route 805 to east of Route 15; also on Route 15 from north		R/W:	\$3	PA&ED:	\$371	Prior	PA&ED:	
1115000132	of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements.	2010 19	Const:	\$3,278	PS&E: R/W Sup: Con Sup:	\$1,330 \$2 \$474	Prior Prior 18-19	R/W Cert: RTL: Begin Con:	2/14/201 4/12/201
	of Adams Avenue to north of Route 8 (PM	2010 17	Const: Subtotal: Total Proj	\$3,278 \$3,281	PS&E: R/W Sup:	\$2	Prior	R/W Cert: RTL:	2/14/2019 4/12/2019
	of Adams Avenue to north of Route 8 (PM	2010 17	Subtotal:	\$3,278 \$3,281 ect Cost:	PS&E: R/W Sup: Con Sup:	\$2 \$474 \$2,177 \$5,458	Prior 18-19	R/W Cert: RTL: Begin Con:	2/14/2019 4/12/2019 10/18/2019
1115000132	of Adams Avenue to north of Route 8 (PM	41133 2019-20	Subtotal: Total Proj	\$3,278 \$3,281 ect Cost:	PS&E: R/W Sup: Con Sup:	\$2 \$474 \$2,177 \$5,458	Prior 18-19	R/W Cert: RTL: Begin Con:	2/14/201: 4/12/201: 10/18/201: 10/18/201: way 7/27/201: 1/17/202: 3/6/202:
1115000132 **Carryover** 11-San Diego-8 6.0/12.0 1167	of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements. In the city of San Diego and La Mesa, from west of Mission Gorge Road to west of Route	41133	Subtotal: Total Proj Program (Performan R/W:	\$3,278 \$3,281 ect Cost: Code ace Measu \$3 \$4,959	PS&E: R/W Sup: Con Sup: R 201.235 M re 25 L PA&ED: PS&E: R/W Sup:	\$2 \$474 \$2,177 \$5,458 coadside Sa faintenance ocation(s) \$565 \$2,029 \$3	Prior 18-19 afety Improve Access Prior 18-19 18-19	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	2/14/201: 4/12/201: 10/18/201: 10/18/201: way 7/27/201: 1/17/202: 3/6/202:
1115000132 **Carryover** 11-San Diego-8 6.0/12.0 1167	of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements. In the city of San Diego and La Mesa, from west of Mission Gorge Road to west of Route	41133	Subtotal: Total Proj Program (Performan R/W: Const:	\$3,278 \$3,281 ect Cost: Code ace Measu \$3 \$4,959 \$4,962 ect Cost:	PS&E: R/W Sup: Con Sup: R 201.235 N re 25 L PA&ED: PS&E: R/W Sup: Con Sup: R 201.235 N	\$2 \$474 \$2,177 \$5,458 Coadside Sa faintenance ocation(s) \$565 \$2,029 \$3 \$721 \$3,318 \$8,280	Prior 18-19 afety Improve Access Prior 18-19 18-19 19-20	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	7/27/2018 1/17/2020 3/6/2020 7/17/2020



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
11-San Diego-8 13.0/17.4 1146 1112000145	In El Cajon, at various locations, from 0.5 mile east of Grossmont Boulevard Overcrossing to Second Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, relocate irrigation controllers	41160 2020-21	R/W: Const:	\$0 \$4,740	PA&ED: PS&E: R/W Sup: Con Sup:	\$444 \$1,202 \$0 \$1,009	18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/13/2019 10/1/2020 1/21/202 7/13/202
	and reduce high maintenance landscaping.		Subtotal: Total Proj	\$4,740 ect Cost:		\$2,655 \$7,395			
New			Program (201.235 N		e Access	ovements/ Free	way
11-San Diego-8 R18.7/R20.4 1250 1112000159	In and near El Cajon, at various locations, from Greenfield Drive to 0.4 mile east of Los Coches Road Undercrossing. Pave beyond gore areas, reduce high maintenance landscaping and relocate irrigation components.	41210 2021-22	R/W: Const:	\$0 \$1,896	PA&ED: PS&E: R/W Sup: Con Sup:	\$346 \$536 \$0 \$448	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/30/2020 5/28/202 7/16/202 1/7/2022
	c i		Subtotal: Total Proj	\$1,896 ect Cost:		\$1,330 \$3,226			
New			Program (201.235 N		e Access	ovements/ Free	way
11-San Diego-8 49.0 1085 1112000043	Near Pine Valley, at Buckman Springs Safety Roadside Rest Area (SRRA). Rehabilitate SRRA sewer and water systems.	40910 2018-19	R/W: Const:	\$20 \$3,275	PA&ED: PS&E: R/W Sup: Con Sup:	\$698 \$1,251 \$1,034	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2014 5/7/2014 6/28/2014 11/26/2014
			Subtotal: Total Proj	\$3,295 ect Cost:		\$2,983 \$6,278		•	
Carryover			Program (201.235 N		e Access	ovements/ Free	way
		44400						<u> </u>	= (2.1.(2.0.1.c)
11-San Diego-52 0.4/5.5 1219 1112000155	In the city of San Diego, from 0.1 mile east of Route 5 to 0.1 mile east of Convoy Street. Construct Maintenance Vehicle Pullouts (MVPs), pave slopes under bridge structures, pave narrow areas and beyond gores.	41180 2020-21	R/W: Const:	\$0 \$3,296	PA&ED: PS&E: R/W Sup: Con Sup:	\$394 \$1,118 \$0 \$539	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/31/2019 8/30/2020 9/30/2020 7/30/2021
	pare nation areas and ocyonic gotes.		Subtotal: Total Proj	\$3,296 ect Cost:		\$2,051 \$5,347			
New			Program (201.235 N		e Access	ovements/ Free	way



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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: Const:	\$0 \$2,007	PA&ED: PS&E: R/W Sup: Con Sup:	\$284 \$629 \$0 \$429	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/11/2020 8/2/2021 10/8/2021 1/27/2022
			Subtotal: Total Proje	\$2,007 ect Cost:		\$1,342 \$3,349			
New			Program (201.235 N		e Access	ovements/ Free	way
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	41220 2020-21	R/W: Const:	\$0 \$2,973	PA&ED: PS&E: R/W Sup: Con Sup:	\$340 \$901 \$0 \$858	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/16/2019 11/22/2020 1/27/2021 9/17/2021
	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.	,	Subtotal: Total Proje	\$2,973 ect Cost:		\$2,099 \$5,072			
	rec (ADA) Standards.		Program (201.235 N	laintenanc	e Access	ovements/ Free	way
New			Performan	ce Measu	re 38 L	ocation(s)			
11-San Diego-125 9.6/13.2 1141 1112000143	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	41140 2020-21	R/W: Const:	\$0 \$5,074	PA&ED: PS&E: R/W Sup: Con Sup:	\$431 \$864 \$0 \$1,660	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/6/2019 7/17/2020 8/20/2020 5/17/2021
	cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.		Subtotal: Total Proje	\$5,074 ect Cost:		\$2,955 \$8,029			
V			Program C		201.235 N		e Access	ovements/ Free	way
New			r er ioi man	ice Measu	103 L	ocation(s)		1	
11-San Diego-805 20.7/23.5 1142 1112000144	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	41150 2020-21	R/W: Const:	\$50 \$6,542	PA&ED: PS&E: R/W Sup: Con Sup:	\$453 \$1,033 \$26 \$1,038	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/14/2019 1/8/2021 1/21/2021 7/13/2021
	maintenance landscaping, relocate irrigation controls, and upgrade crash cushions.		Subtotal: Total Proje	\$6,592 ect Cost:		\$2,550 \$9,142			
			Program (201.235 N	l aintenanc	e Access	ovements/ Free	way
New			Performan	ce Measu	re 97 L	ocation(s)			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY	Miles	tones
MANDATES									
11-San Diego-75 10.0/11.2 1204 1115000034	In Imperial Beach, from Georgia Street to 0.2 mile north of Rainbow Drive. Relinquish roadway to Imperial Beach. Financial Contribution Only (FCO).	42040 2018-19	R/W: Const:	\$0 \$5,276	PA&ED: PS&E: R/W Sup: Con Sup:	\$348 \$0 \$0 \$0	18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/28/2018
			Subtotal: Total Project	\$5,276 ct Cost:		\$348 \$5,624			
New			Program Co		201.160 R	elinquishi enterline i			
11-San Diego-5 R31.8/R32.2 1203 1115000173	In the city of San Diego, from Carmel Mountain Road Undercrossing to 0.05 mile west of Route 5/56 Separation. Stabilize existing slopes and landscaping from further erosion and sediment deposition into the Los Penasquitos Lagoon.		R/W: Const:	\$0 \$1,533	PA&ED: PS&E: R/W Sup: Con Sup:	\$283 \$632 \$0 \$892	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/21/2019 7/16/2020 8/20/2020 3/4/2021
	deposition into the Los i chasquitos Lagoon.		Subtotal: Total Project	\$1,533 ct Cost:		\$1,807 \$3,340			
New			Program Co				er Mitigation		
11-San Diego-5 R34.6/R35.1 1164 1114000028	In the city of San Diego, from 0.8 mile to 1.0 mile north of Del Mar Heights Road. Repair and enhance detention basin and regrade overflow channel and access road.	41750 2019-20	R/W: Const:	\$1,875	PA&ED: PS&E: R/W Sup: Con Sup:	\$241 \$526 \$702	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/20/2018 8/2/2019 9/20/2019 2/14/2020
			Subtotal: Total Project	\$1,875 ct Cost:		\$1,469 \$3,344			
Carryover			Program Co				er Mitigation		
11-San Diego-78 2.5/2.7 1125 1114000027	In Oceanside, from 0.8 mile to 0.6 mile west of College Boulevard. Stormwater mitigation and slope erosion repair.		R/W: Const:	\$120 \$3,547	PA&ED: PS&E: R/W Sup: Con Sup:	\$276 \$651 \$50 \$984	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/29/2018 12/20/2018 1/29/2019 9/25/2019
			Subtotal: Total Project	\$3,667 ct Cost:		\$1,961 \$5,628			
			Program Co				er Mitigation		
Carryover			Performanc	e ivieasu	re 4.5 A	cre(s) trea	nted/pollutar		



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	tones
11-San Diego-Var 1127 1114000056	In San Diego County, on routes 5, 15, 75 and 163 at various locations. Construct and upgrade curb ramps, driveways and sidewalks to comply with Americans with Disabilities Act (ADA) Standards.		R/W: Const:	\$110 \$2,766	PA&ED: PS&E: R/W Sup: Con Sup:	\$881 \$2,425 \$101 \$1,658	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/6/2018 12/9/2019 1/15/2020 6/30/2020
			Subtotal: Total Proje	\$2,876 ect Cost:		\$5,065 \$7,941			
Carryover			Program C			americans Eurb ramp(oilities Act New	Curb Ramp
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	42710 2021-22	R/W: Const:	\$25 \$1,107	PA&ED: PS&E: R/W Sup: Con Sup:	\$326 \$1,148 \$0 \$545	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2020 7/21/2021 11/15/2021 7/15/2022
	install accessible pedestrian signals.		Subtotal: Total Proje	\$1,132 ect Cost:		\$2,019 \$3,151			
New 11-San Diego-94 2.6/R11.1 1191	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroff Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to	42510 2020-21	Program C Performan R/W: Const:			\$776 \$1,847 \$714 \$833		PA&ED: R/W Cert: RTL:	7/1/2019 4/17/2020
11100000//	1191 Bancroff Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards.		Subtotal: Total Proje	\$3,125 ect Cost:	Con Sup.	\$4,170 \$7,295	20-21	Degin com	12/30/2020
New			Program C			americans Curb ramp(vilities Act New	Curb Ramp
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	42900 2021-22	R/W: Const:	\$12 \$3,098	PA&ED: PS&E: R/W Sup: Con Sup:	\$843 \$1,960 \$0 \$1,189	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2020 7/21/2021 11/15/2021 7/15/2022
	signal heads, push buttons and relocate pull boxes, light poles and controller cabinet.		Subtotal: Total Proje	\$3,110 ect Cost:		\$3,992 \$7,102			
New			Program C			Americans Curb ramp(vilities Act New	Curb Ramps



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocation FY		tones
BRIDGE PRESER	EVATION								
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		\$426 1,441	PA&ED: PS&E: R/W Sup: Con Sup:	\$374 \$969 \$0 \$848	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2019 10/26/2020 11/6/2020 3/11/2021
			Subtotal: \$1 Total Project C	1,867 C ost:		\$2,191 \$4,058			
New			Program Code Performance M			-	•	ent and Upgrac	le
11-San Diego-805 8.4/8.8 1280 1117000215	In and near Chula Vista, from 0.2 mile south of Sweetwater River Bridge No. 57-0638R/L to Route 54. Upgrade bridge rails, widen bridges to make standard, and repair approach slabs, joint seals, gore pavement, and shoulders.	43018 2018-19	R/W: Const: \$18	8,367	PA&ED: PS&E: R/W Sup: Con Sup:	\$5,023	18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/31/2017 6/1/2018 6/15/2018 1/3/2019
	joint seals, gore pavement, and shoulders.		Subtotal: \$18 Total Project C	8,367 C ost:		\$5,023 \$23,390			
New			Program Code Performance M			_	-	ent and Upgrad	le
11-San Diego-VAR 1221 1116000144	In San Diego County, at various locations. Apply methacrylate to bridge decks, replace joint seals, repair unsound concrete and replace approach slabs.	42690 2018-19	R/W: Const: \$3	3,542	PA&ED: PS&E: R/W Sup: Con Sup:	\$663 \$733	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2016 12/5/2018 12/7/2018 4/5/2019
			Subtotal: \$3 Total Project C	3,542 C ost:		\$1,396 \$4,938			
Carryover			Program Code Performance M			ridge Pre	ventative M	aintenance	
ROADWAY PRES	SERVATION								
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, ramp, and connectors, upgrade guard rail and dike.	2021-22		\$297 1,329	PA&ED: PS&E: R/W Sup: Con Sup:	\$709 \$2,260 \$24 \$2,513	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/3/2020 8/27/2021 10/20/2021 5/5/2022
			Subtotal: \$21 Total Project C	1,626 C ost:		\$5,506 \$27,132			
New			Program Code Performance M			avement I	Rehabilitatios)	on (CAPM)	



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Dist-Co-Rte							cos		
Post Mile PPNO		EA		Allocation					
EFIS	Location/Description	Prog Year	Capital		Suppo		FY		tones
11-San Diego-78 N17.6/R21.4 1162 1115000042	In and near Escondido, from west of North Broadway to Teepee Drive. Pavement rehabilitation.	41930 2019-20	Const: \$17	3,136 7,731	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,180 \$2,790 \$2,168 \$2,643	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 1/7/2020 1/23/2020 9/2/2020
			Subtotal: \$20 Total Project (0,867 C ost:		\$8,781 \$29,648			
Carryover			Program Code Performance M			avement F		on (CAPM)	
11-San Diego-94 R10.4/14.9 1177 1115000041	In the city of San Diego, from Spring Street to Route 54. Pavement rehabilitation.	42000 2019-20		\$159 1,312	PA&ED: PS&E: R/W Sup: Con Sup:	\$505 \$1,252 \$10 \$1,537	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/19/2018 10/28/2019 11/26/2019 6/16/2020
			Subtotal: \$11 Total Project (1,471 C ost:		\$3,304 \$14,775			
Carryover			Program Code Performance M			avement R		on (CAPM)	
11-San Diego-125 13.0/22.3 1257 1116000061	Near La Mesa and in Santee, from 0.2 mile south of Route 125/94 Separation to Mission Gorge Road. Rehabilitate pavement by grinding and replacing concrete slabs and cold plane and overlay shoulders with Rubberized Hot Mix	42380 2021-22		\$252 4,185	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,383 \$2,541 \$53 \$3,863	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/2/2019 9/30/202 11/9/202 6/8/2022
	Asphalt (RHMA-G).		Subtotal: \$34 Total Project (4,437 C ost:		\$7,840 \$42,277			
Carryover			Program Code Performance M					on (CAPM)	
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	42370 2021-22	R/W: Const: \$43	3,768	PA&ED: PS&E: R/W Sup: Con Sup:	\$936 \$3,276 \$5,479	Prior 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/4/2019 9/21/2021 11/3/2021 3/14/2022
	inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips.		Subtotal: \$43 Total Project (3,768 C ost:		\$9,691 \$53,459			
Carryover			Program Code		201.122 R re 22.8 I	toadway R		on (2R)	
Carryover			Performance N	Measu	re 22.8 L	ane mile(s	5)		



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Dist-Co-Rte							cos			
Post Mile PPNO		EA				I	Allocation	n		
EFIS	Location/Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	tones	
11-San Diego-Var 1134 1114000063	In San Diego County, on various routes at various locations. Culvert rehabilitation.	41820 2018-19	R/W: Const:	\$483 \$2,646	PA&ED: PS&E: R/W Sup: Con Sup:	\$568 \$988 \$418 \$718	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/20/2018 5/22/2019 6/3/2019 10/18/2019	
			Subtotal: Total Proje	\$3,129 ect Cost:		\$2,692 \$5,821				
Carryover			Program C		201.151 E re 7 C	Orainage Sy Culvert(s) (oration		
11-San Diego-8 L0.7/R23.0 1246 1117000028	In San Diego County, at various locations, from 0.5 mile west of Midway Drive Undercrossing to 0.6 mile west of Flinn Springs Road Undercrossing. Repair, rehabilitate and replace culvert systems.	2019-20	R/W: Const:	\$80 \$8,367	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,173 \$1,590 \$2,020	Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/26/2018 2/4/2020 3/30/2020 10/8/2020	
	curvett systems.		Subtotal: Total Proje	\$8,447 ect Cost:		\$4,783 \$13,230				
Carryover			Program C		201.151 E re 100 C	Orainage Sy Culvert(s) (oration		
11-San Diego-8 R23.0/R61.3 1194 1115000178	1-San Diego-8 R23.0/R61.3 In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing.	42210 2019-20	R/W: Const:	\$75 \$11,773	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,077 \$2,346 \$519 \$2,836	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/2/2018 5/23/2019 7/24/2019 3/20/2020	
			Subtotal: Total Proje	\$11,848 ect Cost:		\$6,778 \$18,626		•		
Carryover			Program C		201.151 E re 43 C	Orainage Sy Culvert(s) (oration		
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		R/W: Const:	\$204 \$8,519	PA&ED: PS&E: R/W Sup: Con Sup:	\$811 \$1,469 \$212 \$2,047	Prior 19-20 19-20 21-22	R/W Cert:	3/18/2020 12/10/2021 12/10/2021 6/13/2022	
	drainage inlet lid repair.		Subtotal: Total Proje	\$8,723 ect Cost:		\$4,539 \$13,262				
			Program C				ystem Rest			



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Dist- Co-Rte Post Mile PPNO EFIS 11-San Diego-5 0.4/72.4 1237 1116000097	Location/Description	EA Prog Year	· Capital		Support		COS Allocation FY	Milestones			
	In San Diego County, at various locations on various routes. Replace aging roadside sign panels with retroreflective sheeting.	42550 2019-20	R/W:	\$0 1,962	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$355 \$0 \$325	18-19 19-20	PA&ED: R/W Cert:	6/30/2016 7/16/2019 11/21/2019		
			Subtotal: \$ Total Project (1,962 Cost:		\$680 \$2,642					
New			Program Code 201.170 Signs and Lighting Rehabilitation Performance Measure 936 Sign(s)								
MOBILITY 11-San Diego-5 R28.6/R29.3 1136 1114000074	In the city of San Diego, from north of La Jolla Village Drive to south of Genesee Avenue, on southbound. Construct a 0.5 mile auxiliary land	2018-19	R/W: Const: \$.	5,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$750	Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2011 7/5/2018 10/12/2018 1/31/2019		
			Subtotal: \$. Total Project (5,000 Cost:		\$1,750 \$6,750					
Carryover			Program Code Performance N		201.310 O re 1271 D	-	-		D)		
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: Const: \$.	\$23 5,501	PA&ED: PS&E: R/W Sup: Con Sup:	\$207 \$1,052 \$0 \$1,243	18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/25/2020 3/30/2021 6/30/2021 2/18/2022		
			Subtotal: \$. Total Project (5,524 Cost:		\$2,502 \$8,026					
New			Program Code Performance Measu		201.310 Operational Improvemure 77 Daily vehicle hour(s) of				D)		
11-San Diego-Var 1171 1115000057	In San Diego County, on various routes at various locations. Replace Changeable Messag Signs (CMS) panels with Advanced Variable Message Signs (AVMS) panels.	42070 ge 2019-20	R/W: Const: \$	4,401	PA&ED: PS&E: R/W Sup: Con Sup:	\$585 \$886	Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/19/2015 10/14/2019 12/12/2019 9/4/2020		
			Subtotal: \$-	4,401 C ost:		\$1,471 \$5,872					
Carryover			Program Code Performance M			ransportat	-	ement Systems	3		



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Dist- Co-Rte Post Mile PPNO	* 4 5 4					COS Allocation			
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
11-San Diego-Var 1174 1115000060	In San Diego County, on various routes at various locations. Replace Changeable Message Signs (CMS) panels with Advanced Variable Message Signs (AVMS) panels.	42080 2018-19	R/W: Const:	\$4,586	PA&ED: PS&E: R/W Sup: Con Sup:	\$389 \$585 \$886	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/24/2017 2/22/2018 5/25/2018 1/23/2019
			Subtotal: Total Proje	\$4,586 ect Cost:	-	\$1,860 \$6,446		1 0	
Carryover			Program Code 201.315 Transportation Management Systems Performance Measure 25 Field element(s)						
11-San Diego-Var 1262 1117000102	In San Diego County, at various locations. Repair and install Vehicle Detection Station (VDS) elements including Microwave Vehicle Detection Systems (MVDS) and loop detectors.	42970 2019-20	R/W: Const:	\$11,535	PA&ED: PS&E: R/W Sup: Con Sup:	\$911 \$2,160 \$2,264	Prior 18-19 19-20	R/W Cert: RTL:	8/22/2018 11/15/2019 12/13/2019 5/15/2020
			Subtotal: Total Proje	\$11,535 ect Cost:		\$5,335 \$16,870			
Carryover			Program C			ransportat		ement Systems	3
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: Const:	\$375 \$19,827	PA&ED: PS&E: R/W Sup: Con Sup:	\$818 \$1,721 \$62 \$4,404	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/8/2019 4/10/2020 7/3/2020 3/29/2021
	moonity near the Office States/Mexico border.		Subtotal: Total Proje	\$20,202 ect Cost:		\$7,005 \$27,207			
Carryover			Program C Performan		201.315 T re 13.8 M	1	U	ement Systems	3
11-San Diego-5 R19.5/R55.4 1281 1116000101	In San Diego County, from 0.6 mile south of Route 5/8 Separation to 1.5 miles north of Route 5/76 Separation. Install Vehicle Detection Stations (VDS), Changeable Message Signs (CMS), Closed Circuit Television (CCTV),	42560 e 2019-20	R/W: Const:	\$3 \$19,621	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,497 \$122 \$2,995	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/23/2013 8/2/2019 3/17/2020 6/16/2020
	Ramp Metering, Traffic Signal and Fiber Optic Network elements.		Subtotal: Total Proje			\$4,614 \$24,238			

2018 SHOPP Project List San Diego



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
11-San Diego-15 11.5/31.2 1263 1117000103	In San Diego County, at various locations. Update Microwave Vehicle Detection System (MVDS) elements for traffic flow monitoring and data collections.	42980 2018-19	R/W: Const:	\$3,324	PA&ED: PS&E: R/W Sup: Con Sup:	\$372 \$865 \$654	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/18/2018 3/8/2019 5/8/2019 12/13/2019
			Subtotal: Total Proj	\$3,324 ect Cost:		\$1,891 \$5,215			
Carryover			Program (ransportat	_	gement Systems	
COADSIDE PRES	SERVATION								
11-San Diego-5 R0.3/R5.0 1245 1117000039	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.	42890 2020-21	R/W: Const:	\$40 \$10,670	PA&ED: PS&E: R/W Sup: Con Sup:	\$384 \$1,243 \$3 \$1,361	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/9/2020 12/2/2020 1/8/2021 7/20/2021
			Subtotal: Total Proj	\$10,710 ect Cost:		\$2,991 \$13,701			
New			Program (201.210 H	Highway P	lanting Res	storation	
11-San Diego-5 3.4/5.0 1205 1114000115	In the city of San Diego, from Iris Street Overcrossing to Otay River Bridge. Replace deteriorated water supply lines and plant landscaping for erosion control.	41880 2020-21	R/W: Const:	\$0 \$1,320	PA&ED: PS&E: R/W Sup: Con Sup:	\$304 \$564 \$0 \$534	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/9/2019 6/3/2020 7/8/2020 1/19/2021
			Subtotal: Total Proj	\$1,320 ect Cost:		\$1,402 \$2,722			
New			Program (201.210 H are 4.6 A	Highway Pi	lanting Res	storation	
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		R/W: Const:	\$30 \$8,220	PA&ED: PS&E: R/W Sup: Con Sup:	\$327 \$1,149 \$3 \$1,174	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/10/2019 9/3/2020 10/9/2020 4/23/2021
	systems to recycled water.		Subtotal: Total Proj	\$8,250 ect Cost:		\$2,653 \$10,903			
N			Program (201.210 H		lanting Res	storation	
New			Program (Performan			Highway P	lanting Res	storation	

2018 SHOPP Project List San Diego



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	ır Capital		Suppo		COS Allocation FY	llocation		
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: Const:	\$20 \$4,097	PA&ED: PS&E: R/W Sup: Con Sup:	\$284 \$721 \$3 \$888	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/11/2019 6/5/2020 7/10/2020 1/21/2021	
			Subtotal: Total Proj	\$4,117 ect Cost:		\$1,896 \$6,013				
New			Program C			Highway Pl Acre(s)	lanting Res	storation		
MULTIPLE OBJI	CTIVE		1011011111							
11-San Diego-5 R30.2/R34.2 1218 1116000125	In the city of San Diego, from Sorrento Valley Road to Del Mar Heights Road. Construct rumble strips on both shoulders, rehabilitate bike path, install fiber optic cable/Closed Circu Television (CCTV) and rehabilitate 48 inch	2020-21	R/W: Const:	\$0 \$3,824	PA&ED: PS&E: R/W Sup: Con Sup:	\$471 \$1,304 \$40 \$678	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/30/2020	
	culvert. Asset Management Pilot Project.		Subtotal: Total Proj	\$3,824 ect Cost:		\$2,493 \$6,317				
			Program (Е ОВЈЕСТ	TIVE		
New			Performan	ice Measu	ire 1 L	ocation(s)				
	S	an Diego	County	7						
			R/W:	\$6,428	PA&ED:	\$24,657				
			Const:	\$372,537	PS&E:	\$62,202				

San Diego County
R/W: \$6,428 PA&ED: \$24,657
Const: \$372,537 PS&E: \$62,202
R/W Sup: \$4,538
Con Sup: \$69,233
Subtotal: \$378,965 \$160,630 Total (Capital + Support): \$539,595
Total (Capital 1 Support). \$335,353

2018 SHOPP Project List San Francisco



		(Ψ	1,000)						wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	al	Suppe		COS Allocation FY	Miles	tones
COLLISION RED	UCTION								
04-San Francisco-101 0.0/4.2 1490F 0415000340	In the City and County of San Francisco, from San Mateo County line to Route 101/80 Junction. Overlay existing pavement with open graded asphalt, groove concrete pavement and upgrade drainage system.	4J390 2019-20	R/W: Const: \$2	\$20 21,970	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$1,700 \$30 \$3,000	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 5/1/2020 6/1/2020 10/1/2020
	upgrude drumage system.		Subtotal: \$2 Total Project	21,990 Cost:		\$6,230 \$28,220			
Carryover			Program Cod		201.010 S re 261 C	afety Impr Collision(s)			
04-San Francisco-1 1489B 0415000221	In the City and County of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswalk safety enhancements.	3J890 2019-20	R/W: Const:	\$5 \$5,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$914 \$91 \$914	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/4/2019 4/17/2020 6/15/2020 2/1/2021
			Subtotal: Subtotal	\$5,805 Cost:		\$2,359 \$8,164			
Carryover			Program Cod Performance			Collision Se	everity Red	uction	
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	4J970 2020-21	R/W: Const:	\$3 \$6,196	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$1,000 \$95 \$1,520	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/29/2019 5/31/2021 6/30/2021 11/30/2021
	vandalism-resistant security fence and gates to reduce maintenance repairs and enhance highway worker safety.		Subtotal: Subtotal:	\$6,199 Cost:		\$3,565 \$9,764			
New			Program Cod		201.235 N		e Access	vements/ Free	way
MANDATEC									
MANDATES 04-San Francisco-1 6.0 1067C 0414000340	In the city of San Francisco, at Presidio Nationa Park. Water quality improvements.	al 1A905 2019-20	R/W: S Const:	\$1,050 \$785	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,020 \$315 \$50 \$336	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 6/15/2020 6/29/2020 2/10/2021
			Subtotal: Subtotal Project	\$1,835 Cost:		\$1,721 \$3,556			
			Program Cod	_			er Mitigation	2	

2018 SHOPP Project List San Francisco



		`	-,,						Jours
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Supp		COS Allocation FY	ı Miles	tones
BRIDGE PRESER	VATION								
04-San Francisco-101 2.0 0587D 0412000141	Near San Francisco, at Alemany Circle Undercrossing No. 34-0033. Rehabilitate bridge.	3G620 2018-19	R/W: Const: S	\$20 \$32,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,000 \$20	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/15/2017 4/15/2019 5/1/2019 8/26/2019
			Subtotal: Subtotal:	\$32,420 et Cost:		\$10,270 \$42,690			
Carryover			Program Co			Bridge Ma Bridge(s)	jor Rehabili	tation	
04-San Francisco-101 4.1/R5.1 1483S 0415000034	In the City and County of San Francisco, at the Central Viaduct No. 34-0077 from south of 17th Street to S. Van Ness Avenue; also on Route 80 at the Bayshore Viaduct No. 34-0088 from Route 101 to 4th Street (PM 3.9/4.8). Paint		R/W: * Const: \$	ĺ	PA&ED: PS&E: R/W Sup: * Con Sup:	\$2,500 \$9,200 \$300 \$13,000	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2018 5/1/2020 6/1/2020 8/1/2021
	superstructure steel members. (G13 Contingency)		Subtotal: \$ Total Project * Construction	et Cost:		\$25,000 \$125,855 istruction	Support pho	ase are NOT at	uthorized
			Program Co	ode	201.110 E	Bridge Ma	jor Rehabili	tation	
Carryover			Performance	e Measu	re 2 E	Bridge(s)			
04-San Francisco-101 2.0/2.9 1450E 0416000380	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	2K190 2020-21	R/W: Const:	\$10 \$5,461	PA&ED: PS&E: R/W Sup: Con Sup:	\$657 \$1,751 \$164 \$1,805	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 1/1/2021 3/1/2021 10/1/2021
	Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.		Subtotal: Total Projec	\$5,471 et Cost:		\$4,377 \$9,848			
New			Program Co			•	•	ent and Upgrad	e
	EDVATION								
ROADWAY PRES 04-San Francisco-1 6.3/6.6 1490A 0415000147	In the City and County of San Francisco, from north of Lake Street to south of Route 101 at the McArthur Tunnel. Replace existing lighting system with LED lighting system.	3J300 2018-19	R/W: Const:	\$5 \$4,706	PA&ED: PS&E: R/W Sup: Con Sup:	\$220 \$440 \$25 \$850	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/17/2018 2/15/2019 3/1/2019 11/1/2019
			Subtotal: Total Project	\$4,711 et Cost:		\$1,535 \$6,246			
Carryover			Program Co			ligns and l	Lighting Rel	habilitation	

2018 SHOPP Project List San Francisco



		(4)	1,000)					- 4	arans :
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	oital	Suppo		COS Allocation FY	ı Miles	tones
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 alternativ state-owned site to replace obsolete facility	2021-22	R/W: Const:	\$255 \$12,087	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,210 \$1,820 \$130 \$3,086	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 12/1/2021 2/1/2022 9/1/2022
	closed in March 2015 due to unsafe conditions.		Subtotal: Total Proj	\$12,342 fect Cost:		\$7,246 \$19,588			
			Program (Code	201.354 N	Materials I	abs		
New			Performa	nce Measu	re 1 L	ocation(s)		
	San F	rancisco	County	7					
			R/W:	\$1,430	PA&ED:	\$13,497			

San Francisco County
R/W: \$1,430 PA&ED: \$13,497
Const: \$190,198 PS&E: \$20,140
R/W Sup: \$905
Con Sup: \$27,761
Subtotal: \$191,628 \$62,303
Total (Capital + Support): \$253,931



		(-	1,000)						wuwe
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
COLLISION RED	<u>UCTION</u>								
10-San Joaquin-4 4.1/4.9 3177 1016000139	Near Holt, from 0.3 mile west to 0.5 mile east of Middle River Bridge. Realign curve, widen shoulders, upgrade guard rail, and install flashing beacons.	f 1F460 2019-20	R/W: Const:	\$1,358 \$7,335	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,081 \$1,453 \$274 \$2,006	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 6/15/2020 6/22/2020 10/21/2020
			Subtotal: Total Proje	\$8,693 ect Cost:		\$4,814 \$13,507			
Carryover			Program C			afety Imp	rovements) reduced		
10-San Joaquin-88 22.1 3207 1016000031	Near Clements, at Liberty Road. Improve intersection.	1E531 2019-20	R/W: Const:	\$715 \$5,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$434 \$1,400 \$460 \$1,200	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/31/2018 5/15/2020 5/29/2020 11/30/2020
			Subtotal: Total Proje	\$6,215 ect Cost:		\$3,494 \$9,709			
Carryover			Program C		201.010 S re 18 C	afety Imp			
10-San Joaquin-205 3231 1017000014	In San Joaquin, Stanislaus, and Tuolumne Counties, on Routes 4, 5, 99, 120, and 205 at various locations. Improve wet roadway surface conditions at twelve locations.	1E590 2018-19	R/W: Const:	\$4,150	PA&ED: PS&E: R/W Sup: Con Sup:	\$288 \$642 \$31 \$547	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/26/2017 2/16/2018 5/1/2018 9/30/2018
			Subtotal: Total Proje	\$4,150 ect Cost:		\$1,508 \$5,658			
Carryover			Program C		201.010 S re 264 C	afety Imp Collision(s			
10-San Joaquin-5 3190 1016000021	In San Joaquin and Stanislaus Counties, on Route 5 at various locations; also in Merced County, on Route 152 at various locations. Install new or upgrade existing safety devices to shield objects from errant vehicles.	1C970 2019-20	R/W: Const:	\$14 \$1,361	PA&ED: PS&E: R/W Sup: Con Sup:	\$445 \$1,104 \$0 \$872	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 12/15/2019 1/15/2020 7/15/2020
	sinca objects from chant venicles.		Subtotal: Total Proje	\$1,375 ect Cost:		\$2,421 \$3,796			
			Program C				everity Red	uction	
New			Performan	ice Measu	re 13 C	Collision(s) reduced		



Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Car	oital	Suppo	ort	FY	Miles	tones
10-San Joaquin-4 R15.7/R19.2 3110 1013000241	In Stockton, from Garfield Avenue to Route 99 at various locations. Highway worker safety improvements.	0X690 2018-19	R/W: Const:	\$60 \$3,520	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$740 \$10 \$600	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/10/2017 12/15/2018 1/15/2019 7/22/2019
			Subtotal: Total Proj	\$3,580 ect Cost:		\$2,000 \$5,580			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
•									
10-San Joaquin-5 R16.1/25.4 3112 1013000242	In and near Lathrop and Stockton, from south o Louise Avenue to Charter Way; also from south of Hammer Lane to north of Eight Mile Road (PM 32.3/35.7). Highway worker safety improvements.		R/W: Const:	\$10 \$2,770	PA&ED: PS&E: R/W Sup: Con Sup:	\$200 \$470 \$10 \$480	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/3/2017 5/16/2018 6/5/2018 1/23/2019
	improvements.		Subtotal: Total Proj	\$2,780 ect Cost:		\$1,160 \$3,940			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
<u> </u>				ice micasu	IC OIL	ocation(5)			
10-San Joaquin-99 11.5/29.4 3237 1017000015	In and near Stockton and Lodi, at various locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6) and Route 5 (PM 25.8 to 26.6) Interchange.	1C760 n 2020-21	R/W: Const:	\$23 \$1,922	PA&ED: PS&E: R/W Sup: Con Sup:	\$495 \$1,130 \$15 \$790	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/21/2020 10/15/2020
11.5/29.4 3237	locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6)	1 2020-21		\$23 \$1,922 \$1,945	PA&ED: PS&E: R/W Sup:	\$495 \$1,130 \$15	18-19 19-20 19-20	R/W Cert: RTL:	8/21/2020 10/15/2020
11.5/29.4 3237 1017000015	locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6) and Route 5 (PM 25.8 to 26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker	1 2020-21	Const: Subtotal:	\$23 \$1,922 \$1,945 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$495 \$1,130 \$15 \$790 \$2,430 \$4,375	18-19 19-20 19-20 20-21	R/W Cert: RTL: Begin Con:	8/21/2020 10/15/2020 4/21/2021
11.5/29.4 3237	locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6) and Route 5 (PM 25.8 to 26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker	1 2020-21	Const: Subtotal: Total Proj	\$23 \$1,922 \$1,945 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$495 \$1,130 \$15 \$790 \$2,430 \$4,375	18-19 19-20 19-20 20-21	R/W Cert: RTL: Begin Con:	8/21/2020 10/15/2020 4/21/2021 way 1/3/2018 1/15/2019 1/29/2019
11.5/29.4 3237 1017000015 New 10-San Joaquin-120 R2.6/T7.1 3120	locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6) and Route 5 (PM 25.8 to 26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety. In and near Manteca, from east of McKinley Avenue to Route 99. Highway worker safety	0X710	Const: Subtotal: Total Proj Program (Performan R/W:	\$23 \$1,922 \$1,945 ect Cost: Code ace Measu \$11 \$3,491	PA&ED: PS&E: R/W Sup: Con Sup: R 201.235 M re 88 L PA&ED: PS&E: R/W Sup:	\$495 \$1,130 \$15 \$790 \$2,430 \$4,375 oadside Safaintenance ocation(s) \$409 \$723 \$9	18-19 19-20 19-20 20-21 afety Improve Access	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	8/21/2020 10/15/2020 4/21/2021 way 1/3/2018 1/15/2019 1/29/2019
11.5/29.4 3237 1017000015 New 10-San Joaquin-120 R2.6/T7.1 3120	locations from French Camp Road to Kettlemar Lane; also at the Route 4 (PM R15.7 to R16.6) and Route 5 (PM 25.8 to 26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety. In and near Manteca, from east of McKinley Avenue to Route 99. Highway worker safety	0X710	Subtotal: Total Proj Program (Performan R/W: Const:	\$23 \$1,922 \$1,945 ect Cost: Code ace Measu \$11 \$3,491 \$3,502 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup: R 201.235 M PA&ED: PS&E: R/W Sup: Con Sup: R 201.235 M	\$495 \$1,130 \$15 \$790 \$2,430 \$4,375 oadside Sa faintenance ocation(s) \$409 \$723 \$9 \$808 \$1,949 \$5,451	18-19 19-20 19-20 20-21 afety Improve Access Prior Prior 18-19 18-19	R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	1/3/2018 1/15/2019 1/29/2019 7/2/2019



		(4)	1,000)						artrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		COS Allocation FY	Miles	tones
10-San Joaquin-205 2.3/R9.7 3111 1013000248	In and near Tracy, from Hansen Road to Paradise Road. Highway worker safety improvements.	0X700 2018-19	R/W: Const:	\$33 \$3,727	PA&ED: PS&E: R/W Sup: Con Sup:	\$225 \$877 \$10 \$861	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2017 10/1/2018 11/1/2018 5/6/2019
			Subtotal: Total Proj	\$3,760 ect Cost:		\$1,973 \$5,733			
Carryover			Program (201.235 N		e Access	vements/ Free	way
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.		R/W: Const:	\$479 \$850	PA&ED: PS&E: R/W Sup: Con Sup:	\$286 \$770 \$915 \$560	18-19 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/28/2019 9/30/2021 11/1/2021 5/12/2022
			Subtotal: Total Proj	\$1,329		\$2,531 \$3,860			
10-San Joaquin-99 0.9 3156 1014000102	In Ripon, at Main Street Overcrossing; also in Lodi at Turner Road Overcrossing (PM 31.6). Upgrade pedestrian facilities to comply with Americans with Disabilities Act (ADA) requirements.	1C060 2018-19	R/W: Const:	\$8 \$1,553 \$1,561	PA&ED: PS&E: R/W Sup: Con Sup:	\$97 \$530 \$58 \$550 \$1,235	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/26/2017 5/1/2018 5/17/2018 1/2/2019
			Total Proj			\$2,796			
C			Program (mericans		lities Act New	Curb Ramp
Carryover			1 Ci ioi iliai	ice ivicasu	10 40 0	uro ramp(
BRIDGE PRESER 10-San Joaquin-5 26.5 3193 1016000020	In Stockton, at the Stockton Channel Viaduct No. 29-0176L/R. Bridge deck rehabilitation at spot locations.	1C940 2019-20	R/W: Const:	\$5 \$4,766	PA&ED: PS&E: R/W Sup: Con Sup:	\$335 \$1,030 \$10 \$1,950	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 9/20/2019 1/3/2020 7/13/2020
			Subtotal: Total Proj	\$4,771		\$3,325 \$8,096			
			100011101	cci cost.					



		(\$	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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: Const:	\$7 \$6,112	PA&ED: PS&E: R/W Sup: Con Sup:		18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2019 12/15/2020 1/15/2021 7/1/2021
			Subtotal: Total Proje	\$6,119 ect Cost:		\$5,659 \$11,778			
New			Program C			Bridge Maj Bridge(s)	or Rehabili	itation	
10-San Joaquin-5 3118 1013000251	In San Joaquin County, on Routes 5 and 580 and in Stanislaus County on Route 99, at various locations. Seismic retrofit of four bridges.	0P540 2019-20	R/W: Const:	\$263 \$8,758	PA&ED: PS&E: R/W Sup: Con Sup:	\$515 \$1,992 \$73 \$1,783	Prior Prior Prior 19-20	R/W Cert:	10/10/2017 11/1/2019 11/15/2019 5/6/2020
			Subtotal: Total Proje	\$9,021 ect Cost:		\$4,363 \$13,384			
Carryover			Program C			Bridge Seis Bridge(s)	mic Restor	ation	
10-San Joaquin-4 3113 1015000037	Near Discovery Bay, at Old River Bridge No. 29-0045. Upgrade mechanical and electrical equipment on movable bridge.	1C800 2019-20	R/W: Const:	\$2,000 \$4,079	PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$1,358 \$55 \$1,319	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/3/2020 5/4/2020
			Subtotal: Total Proje	\$6,079 ect Cost:		\$3,222 \$9,301			
Carryover			Program C			Bridge Prev Bridge(s)	ventative M	laintenance	
10-San Joaquin-4 R16.6/R17.8 3198 1016000023	In Stockton, at Crosstown Freeway Viaduct No. 29-0269. Reconstruct hinge 32 (left and right) and three ramp joint seals.	1C860 2018-19	R/W: Const:	\$115 \$3,428	PA&ED: PS&E: R/W Sup: Con Sup:	\$648 \$848 \$37 \$631	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/15/2017 3/1/2019 3/15/2019 11/29/2019
			Subtotal: Total Proje	\$3,543 ect Cost:		\$2,164 \$5,707			



		(3	1,000)						ultrans"
Dist-Co-Rte Post Mile PPNO	Landing (Description	EA	Com	:4-1	S		COS Allocation		
EFIS 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: Const:	\$925 \$3,028	PA&ED: PS&E: R/W Sup: Con Sup:	\$553 \$905 \$2 \$1,232	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/20/2020 2/17/2021 5/20/2021
			Subtotal: Total Proje	\$3,953 ect Cost:		\$2,692 \$6,645			
Carryover			Program C			Bridge Prev Bridge(s)	entative M	1 aintenance	
10-San Joaquin-99 21.7 3206 1016000022	Near Stockton, at Wilson Way Overcrossing No. 29-0118C. Remove existing damaged girder and build new overhang and barrier, resulting in reduced bridge width and increased vertical clearance.	1C880 2018-19	R/W: Const:	\$4 \$1,170	PA&ED: PS&E: R/W Sup: Con Sup:	\$172 \$562 \$7 \$420	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2017 6/5/2018 7/5/2018 11/22/2018
			Subtotal: Total Proj e	\$1,174 ect Cost:		\$1,161 \$2,335			
Carryover			Program C			Bridge Prev Bridge(s)	ventative M	Saintenance	
10-San Joaquin-5 10.7 3235B 1018000078	In and near Lathrop, at Deuel Overhead No. 29 -0262R/L. Improve to standard truck capacity.	1H342 2019-20	R/W: Const:	\$440 \$7,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$498 \$925 \$70 \$1,700	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/30/2017 1/30/2020 2/28/2020 8/26/2020
			Subtotal: Total Proje	\$8,140 ect Cost:		\$3,193 \$11,333		•	
Carryover			Program C			rans Perm Bridge(s)	it Requirer	ments for Bridge	es
10-San Joaquin-99 17.2 3148 1013000265	In Stockton, at Route 4/99 Separation (Farmington Road) Bridge No. 29-0155. Replace structure to provide standard vertical clearance.	0X310 2019-20	R/W: Const:	\$115 \$5,776	PA&ED: PS&E: R/W Sup: Con Sup:	\$673 \$2,092 \$147 \$1,984	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/9/2017 12/2/2019 12/16/2019 7/1/2020
			Subtotal: Total Proje	\$5,891 ect Cost:		\$4,896 \$10,787			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY		stones
ROADWAY PRES	SERVATION								
10-San Joaquin-4 T15.5/R16.6 3165 1016000026	In Stockton, from 0.1 mile east of Fresno Avenue to west of Center Street. Roadway rehabilitation.	1C500 2019-20	R/W: Const:	\$48 \$30,576	PA&ED: PS&E: R/W Sup: Con Sup:	\$538 \$2,324 \$19 \$4,589	Prior 18-19 18-19 19-20	RTL:	5/7/2018 10/10/2019 11/10/2019 7/11/2020
			Subtotal: Total Proje	\$30,624 ect Cost:		\$7,470 \$38,094			
Carryover			Program C			oadway F	Rehabilitatio s)	n (2R)	
10-San Joaquin-5 3.5/49.0 3140 1014000098	In San Joaquin County, on Routes 4, 5, and 99 at various locations. Rehabilitate culverts.	1C200 2019-20	R/W: Const:	\$71 \$3,178	PA&ED: PS&E: R/W Sup: Con Sup:	\$870 \$725 \$199 \$597	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/4/2018 5/22/2020 6/22/2020 12/1/2020
			Subtotal: Total Proje	\$3,249 ect Cost:		\$2,391 \$5,640			
Carryover			Program (Orainage S Culvert(s)	ystem Resto	oration	
10-San Joaquin-88 13.5/14.1 3141 1013000260	Near Lockeford, from 0.1 mile south of East Jack Tone Road to north of North Tully Road intersection; also near Kirkwood, in Alpine County (PM 0.3/2.4). Replace culverts.	0S740 2020-21	R/W: Const:	\$335 \$3,160	PA&ED: PS&E: R/W Sup: Con Sup:	\$795 \$900 \$290 \$875	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 12/5/2020 12/20/2020 7/21/2021
			Subtotal: Total Proje	\$3,495 ect Cost:		\$2,860 \$6,355			
Carryover			Program (Performan			Prainage S Culvert(s)	ystem Resto	oration	
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).	1E610 2021-22	R/W: Const:	\$260 \$5,169	PA&ED: PS&E: R/W Sup: Con Sup:	\$439 \$1,530 \$59 \$1,289	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/9/2019 12/13/2021 1/13/2022 7/5/2022
	Upgrade drainage pump plants.		Subtotal: Total Proje	\$5,429 ect Cost:		\$3,317 \$8,746			
, v			Program (•	ystem Resto	oration	
New			Performan	ce ivieasu	1e 5 C	culvert(s)	(ca)		



Dist-Co-Rte		,	1,000)				-	altrans"
Post Mile PPNO		EA				COS Allocation		
EFIS	Location/Description	Prog Year	Capital	Suppo	rt	FY	Miles	tones
10-San Joaquin-5 3129 1015000002	In San Joaquin County, on Routes 5 and 99, and in Stanislaus County, on Routes 5, at various locations. Upgrade sign panels and replace overhead sign structures.	1C530 2018-19	R/W: \$ Const: \$1,53	8 PA&ED: 8 PS&E: R/W Sup: Con Sup:	\$353 \$889 \$52 \$543	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/16/2017 8/15/2018 12/3/2018 7/15/2019
			Subtotal: \$1,54 Total Project Cost		\$1,837 \$3,383			
Carryover			Program Code Performance Mea	201.170 Si sure 23 Li	gns and Li		habilitation	
MOBILITY								
10-San Joaquin-26 13.1/R13.8 3275 1013000148	Near Linden, from 0.3 mile east of Fine Road to 0.1 mile west of Podesta Lane. Widen travel lanes and shoulders to improve the existing conditions for Surface Transportation Assistance Act (STAA) trucks.	0H560 2019-20	R/W: \$54 Const: \$1,25		\$425 \$230 \$680	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2017 7/3/2019 8/14/2019 2/28/2020
	Assistance Act (61744) flucks.		Subtotal: \$1,79 Total Project Cost		\$1,335 \$3,125			
New			Program Code	201.310 O _I		-		
10-San Joaquin-99 30.9/31.3 3145 1014000134	In Lodi, from south of Route 12 (Victor Road) to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance and construct auxiliary lane.	1C280 2018-19	R/W: \$9 Const: \$11,11	2 PA&ED: 0 PS&E: R/W Sup:	\$910 \$1,417 \$75 \$2,199	Prior Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/29/2017 5/17/2019 5/28/2019 1/6/2020
30.9/31.3 3145	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance and		R/W: \$9	2 PA&ED: 0 PS&E: R/W Sup: Con Sup:	\$910 \$1,417 \$75	Prior Prior Prior	PA&ED: R/W Cert: RTL:	12/29/2017 5/17/2019 5/28/2019
30.9/31.3 3145	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance and		R/W: \$9 Const: \$11,11 Subtotal: \$11,20	2 PA&ED: 0 PS&E: R/W Sup: Con Sup: 2	\$910 \$1,417 \$75 \$2,199 \$4,601 \$15,803	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/29/2017 5/17/2019 5/28/2019 1/6/2020
30.9/31.3 3145 1014000134	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance and	2018-19 1F180	R/W: \$9 Const: \$11,11 Subtotal: \$11,20 Total Project Cost	2 PA&ED: 0 PS&E: R/W Sup: Con Sup: 2 :: \$2 201.310 Opsure 158.2 Day 9 PA&ED:	\$910 \$1,417 \$75 \$2,199 \$4,601 \$15,803	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/29/2017 5/17/2019 5/28/2019 1/6/2020
30.9/31.3 3145 1014000134 <i>Carryover</i> 10-San Joaquin-4 R16.0/R19.4 3274	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance and construct auxiliary lane. In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, Closed Circuit Television (CCTV), and synchronize	2018-19 1F180	R/W: \$9 Const: \$11,11 Subtotal: \$11,20 Total Project Cost Program Code Performance Mea	2 PA&ED: 0 PS&E: R/W Sup: Con Sup: 2 :: 201.310 Op sure 158.2 Da 9 PA&ED: 1 PS&E: R/W Sup: Con Sup: 0 \$9	\$910 \$1,417 \$75 \$2,199 \$4,601 \$15,803 perational aily vehicl \$2,177 \$5,813 \$667	Prior Prior Prior 18-19 Improvem the hour(s) of 18-19 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	12/29/2017 5/17/2019 5/28/2019 1/6/2020 0) 9/15/2019 3/15/2022 4/15/2022



		(4	1,000)					1.4	arrans	
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Supp		COS Allocation FY Milestone 3 Prior PA&ED: 5/ 1 Prior R/W Cert: 5 8 Prior RTL: 6/ Begin Con: 12/2 9 6 rtation Management Systems ment(s) 0 Prior PA&ED: 8/2 R/W Cert: 11/2 0 18-19 RTL: 12/2 Begin Con: 7/ 5 5 rtation Management Systems ment(s) 2 Prior PA&ED: 4 R/W Cert: 2/ RTL: 3/			
10-San Joaquin-5 3147 1015000001	In various counties, on various routes, at various locations. Upgrade Transportation Management System (TMS) elements.	1C620	R/W: \$15 PA&ED: \$333 Prior R/W Support R/W Prior R/W R				PA&ED: R/W Cert: RTL:	5/16/201 5/7/201 6/14/201		
				_						
Carryover			Program Code Performance M	leasu		ransportat		ement Systems		
10-San Joaquin-5 R21.4/27.9 3250 1016000053	In and near Stockton, on Routes 4 (PM 14.6/21.2), 5 and 99 (PM 15.8/18.5) at various locations. Install Intelligent Transportation System (ITS) elements.	1F400 2021-22	R/W: Const: \$8	\$80 ,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$820 \$2,550 \$380 \$1,805	18-19 18-19	R/W Cert: RTL:		
			Subtotal: \$9 Total Project C	,040 ost:		\$5,555 \$14,595				
Carryover			Program Code Performance M	leasu		ransportat	Č	ement Systems		
10-San Joaquin-99 3227 1017000036	In San Joaquin, Merced, and Stanislaus Counties, on Routes 5, 12, 59, 99, and 152 at various locations. Upgrade or replace inefficient and damaged Traffic Monitoring Station (TMS) elements.	1G750 2019-20	R/W: Const: \$6	\$7 ,862	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,202 \$1,719 \$465 \$1,310	18-19 18-19	R/W Cert: RTL:	4/1/201 2/14/202 3/16/202 9/15/202	
	Station (TMS) elements.		Subtotal: \$6 Total Project C	,869 ost:		\$4,696 \$11,565				
			Program Code Performance M	leasu		ransportat		ement Systems		
Carryover								D. 0.FD	4/27/201	
Carryover 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, 88, 99, 104, 108, 120, 132, 140, 152 and 205 at various locations. Repair or replace damaged and pon	1G990 2020-21	R/W: Const: \$2	\$33 ,065	PA&ED: PS&E: R/W Sup: Con Sup:	\$632 \$1,191 \$107 \$1,243	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/26/2019 11/5/2020 1/5/202 7/6/202	
10-San Joaquin-120 3226	Mariposa, Stanislaus, and Tuolumne Counties, on Routes 4, 5, 26, 33, 49, 59, 88, 99, 104, 108,		Const: \$2	,065	PS&E: R/W Sup:	\$1,191 \$107	18-19 18-19	R/W Cert: RTL:	11/5/202 1/5/202	



		(Ψ-	1,000					-	wuws		
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Саг	oital	Suppo		COS Allocation FY	on 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 Intelligent Transportation System (ITS) field elements.	1C960 2020-21	R/W: Const:	\$68 \$3,550	PA&ED: PS&E: R/W Sup: Con Sup:	\$373 \$1,221 \$5 \$1,121	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/17/2018 12/3/2020 1/29/2021 9/13/2021		
			Subtotal: Total Proj	\$3,618 ect Cost:		\$2,720 \$6,338					
Carryover			Program (ransportat	·	gement Systems	3		
Carryover 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 Intelligent Transportation System (ITS) elements.	1C330 2020-21	R/W: Const:	\$4,830 \$13,257	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,057 \$2,512 \$979 \$2,831	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/30/2018 6/15/202 6/30/202 12/20/202		
			Subtotal: Total Proj	\$18,087 ect Cost:		\$7,379 \$25,466					
Carryover			Program (ransportat	·	gement Systems	3		

San Joaquin County	
R/W: \$14,241 PA&	ED: \$19,591
Const: \$212,654 PS	5&E: \$45,475
R/W	Sup: \$5,871
Con	Sup: \$52,351
Subtotal: \$226,895	\$123,288
Total (Capital + Support):	\$350,183



		(4	1,000)						wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY	Miles	tones
COLLISION REDI	ICTION								
	Near Paso Robles, at Route 46 West intersection with Vineyard Drive. Construct roundabout.	1H930 2019-20	R/W: Const:	\$47 \$5,549	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,895 \$105 \$1,806	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/12/2018 10/9/2019 1/9/2020 8/19/2020
			Subtotal: Total Proj	\$5,596 ect Cost:		\$3,806 \$9,402			
Carryover			Program (201.010 S re 14 C	afety Impi			
05-San Luis Obispo-101 2508 0513000135	In the city of San Luis Obispo, from north of Marsh Street Bridge to Broad Street; also in Atascadero on Route 41 from Old Morro Road to Atascadero Creek Bridge (PM 12.5/13.3). Upgrade highway safety features.	1F370 2019-20	R/W: Const:	\$7 \$3,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$834 \$970 \$92 \$843	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/3/2018 3/20/2020 4/1/2020 12/16/2020
			Subtotal: Total Proj	\$3,807 ect Cost:		\$2,739 \$6,546			
Carryover			Program (ollision So	everity Red	uction	
05-San Luis Obispo-101 36.6/55.7 2518 0514000002	In and near Atascadero, from Santa Margarita Creek to South Paso Robles Overhead. Improve clear recovery and install barrier.	1F490 2019-20	R/W: Const:	\$50 \$2,687	PA&ED: PS&E: R/W Sup: Con Sup:	\$395 \$1,097 \$50 \$805	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 11/1/2019 3/2/2020 7/20/2020
			Subtotal: Total Proj	\$2,737 ect Cost:		\$2,347 \$5,084			
Carryover			Program (Performan			ollision So	everity Red	uction	
MANDATES									
05-San Luis Obispo-41 14.2/15.9 2532 0514000040	In Atascadero, from San Gabriel Road to Route 101 Southbound ramps. Improve and construct new Americans with Disabilities Act (ADA) accessible pedestrian pathways and install Accessible Pedestrian Signals (APS) systems.	1F630 2018-19	R/W: Const:	\$679 \$3,550	PA&ED: PS&E: R/W Sup: Con Sup:	\$827 \$1,333 \$1,082 \$1,141	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/5/2017 6/20/2019 6/20/2019 2/20/2020
	C () jan a		Subtotal: Total Proj	\$4,229 ect Cost:		\$4,383 \$8,612			
Carryover			Program (.mericans urb ramp(lities Act New	Curb Ramps



		(+	1,000)						wow.c	
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	R/W Cert: 4/17/202 RTL: 6/29/202 Begin Con: 2/4/202 ttion PA&ED: 11/2/201 R/W Cert: 1/2/202 RTL: 4/28/202 Begin Con: 11/13/202 ttion PA&ED: 11/1/201 R/W Cert: 12/2/201 R/W Cert: 12/2/201 RTL: 1/8/202		
BRIDGE PRESER	VATION									
05-San Luis Obispo-1 32.6 0072 0515000097	In Morro Bay, at Toro Creek Bridge. Replace bridge.	0L721 2019-20	R/W: Const:	\$906 \$5,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,424 \$2,300 \$275 \$2,400	Prior 18-19 18-19 19-20	R/W Cert: RTL:	6/18/2018 4/17/2020 6/29/2020 2/4/2021	
			Subtotal: Total Proje	\$6,106 ect Cost:		\$6,399 \$12,505				
Carryover			Program C			ridge Maj	jor Rehabilit	tation		
05-San Luis Obispo-1 34.5 0072A 0515000098	Near Morro Bay, at Old Creek Bridge No. 05-4 -0070R. Replace bridge.	9 0L722 2019-20	R/W: Const:	\$450 \$4,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,399 \$1,900 \$200 \$1,900	Prior Prior Prior 19-20	R/W Cert: RTL:	11/2/2017 1/2/2020 4/28/2020 11/13/2020	
			Subtotal: Total Proje	\$4,650 ect Cost:		\$5,399 \$10,049				
Carryover			Program C			ridge Maj	jor Rehabilit	tation		
05-San Luis Obispo-58 3.1 0072B 0515000099	Near Santa Margarita, at Trout Creek Bridge No. 05-49-0091. Replace bridge.	0L723 2019-20	R/W: Const:	\$308 \$5,987	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,419 \$2,500 \$210 \$2,900	Prior Prior Prior 19-20	R/W Cert: RTL:	11/1/2017 12/2/2019 1/8/2020 8/12/2020	
			Subtotal: Total Proje	\$6,295 ect Cost:		\$7,029 \$13,324				
Carryover			Program C			ridge Maj	jor Rehabilit	tation		
ROADWAY PRES	FRVATION									
	In San Luis Obispo County near Paso Robles from 0.1 mile south to 0.1 mile north of San Marcos Creek Bridge and from 0.1 mile south to 0.1 mile north of South San Miguel Undercrossing. Landscape mitigation.	0G041 2018-19	R/W: Const:	\$270	PA&ED: PS&E: R/W Sup: Con Sup:	\$223 \$28 \$479	Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/4/2013 3/15/2019 6/3/2019 11/18/2019	
	C		Subtotal: Total Proje	\$270 ect Cost:		\$730 \$1,000				
Carryover			Program C			.oadway F ane mile(Rehabilitatio s)	n (3R)		



		(Ψ	1,000)						artrans"		
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Sunn	COS Allocation Support FY			n Milestones		
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)	1G980 2021-22	R/W: Const:	\$303 \$8,618	PA&ED: PS&E: R/W Sup: Con Sup:		Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 4/6/2022 4/6/2022 8/23/2022		
	pavement.		Subtotal: Total Proje	\$8,921 ect Cost:		\$6,145 \$15,066					
Carryover			Program C			avement R		on (CAPM)			
05-San Luis Obispo-1 R66.9/R67.2 4928X 0517000045	Near San Simeon, from the Arroyo de la Cruz Bridge to 0.3 mile north of the Arroyo de la Cruz Bridge. Plant propagation.	49284 2018-19	R/W: Const:	\$140	PA&ED: PS&E: R/W Sup: Con Sup:	\$110 \$229	Prior	PA&ED: R/W Cert: RTL: Begin Con:	8/11/2010 10/1/2018 3/18/2019 9/25/2019		
			Subtotal: Total Proje	\$140		\$339 \$479		1			
Carryover			Program C			Coadway Proceedings (S)		etterments			
05-San Luis Obispo-1 R66.9/R67.2 4928Y 0517000046	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 2019-20	R/W: Const:	\$11 \$7,464	PA&ED: PS&E: R/W Sup: Con Sup:	\$56	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/11/2010 2/27/2019 7/25/2019 3/5/2020		
			Subtotal: Total Proje	\$7,475 ect Cost:		\$3,537 \$11,012					
Carryover			Program C			Coadway Proceedings		setterments			
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 at various locations. Install vehicle detection systems,	0N220 2020-21	R/W: Const:	\$5 \$2,865	PA&ED: PS&E: R/W Sup: Con Sup:	\$380 \$1,095 \$78 \$702	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 8/3/2020 12/1/2020 4/1/2022		
	Changeable Message Signs (CMS), cameras, and loop detectors.		Subtotal: Total Proje	\$2,870 ect Cost:		\$2,255 \$5,125					
Carryover			Program C			ransportat		ement Systems			

(\$1,000)



\$98,204

Dist- Co-Rte Post Mile						cos	
PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Support	Allocation FY	Milestones
	San 1	Luis Obispo C	County	У			
			R/W:	\$2,766	PA&ED: \$7,834		
			Const:	\$50,330	· ·		
					R/W Sup: \$3,846		
		_			Con Sup: \$17,197		
		Su	ubtotal:	\$53,096	\$45,108		

Total (Capital + Support):



		(4	1,000)						wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	Miles	tones
		1105 1001	Сир		очрр			1121100	
MAJOR DAMAGI 04-San Mateo-1 1.1 1450H 0416000105	E RESTORATION 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: Const:	\$2 \$990	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$400 \$70 \$500	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 5/1/2021 7/1/2021 11/1/2021
			Subtotal: Total Proje	\$992 ect Cost:		\$1,270 \$2,262			
New			Program C			ermanent location(s)	Restoration		
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: Const:	\$10 \$1,590	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$710 \$60 \$800	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/7/2018 6/4/2020 12/31/2020 8/26/2021
			Subtotal: Total Proje	\$1,600 ect Cost:		\$2,070 \$3,670			
Carryover			Program C			ermanent ocation(s)	Restoration		
04-San Mateo-280 R20.3/R20.6 1499H 0415000252	In San Bruno, from Jenevein Avenue to 0.1 mile south of San Bruno Avenue. Reconstruct failed concrete ditch and place Rock Slope Protection (RSP) at slope washouts as storm damage permanent restoration.	2019-20	R/W: Const:	\$168 \$1,093	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$650 \$78 \$390	18-19 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 4/1/2020 6/1/2020 11/1/2020
	· · · · · · · · · · · · · · · · · · ·		Subtotal: Total Proje	\$1,261 ect Cost:		\$1,508 \$2,769			
New			Program C			ermanent location(s)	Restoration		
COLLISION RED	UCTION								
04-San Mateo-82 13.7 0686 0400002011	Near Burlingame and Hillsborough city limits, at the intersection of Route 82 and Floribunda Avenue. Install left turn signal.	1G020 2019-20	R/W: Const:	\$1,765 \$2,610	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,900 \$1,300 \$450 \$700	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/15/2019 6/7/2020 6/15/2020 1/15/2021
			Subtotal: Total Proje	\$4,375 ect Cost:		\$5,350 \$9,725			
Carryover			Program C		201.010 S re 120 C	afety Impr			



			1,000)						wwws		
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		COS Allocation FY		tones		
04-San Mateo-Var 1491J 0416000033	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,	0K070 2021-22	R/W: Const:	\$57 \$5,832	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,250 \$1,250 \$175 \$1,250	18-19 19-20 19-20 21-22	PA&ED: 10/31/201 R/W Cert: 12/18/201 RTL: 1/30/201			
	and countdown timers, and upgrading crosswall markings.	k	Subtotal: Total Proj	\$5,889 ect Cost:		\$3,925 \$9,814					
New			Program (Severity Reduced	action			
04-San Mateo-280 R0.2/R3.4 0481J 0414000024	In and near Woodside, at various locations (also Santa Clara County PM 20.4); also in the City and County of San Francisco on Route 101 at San Bruno Avenue off-ramp (PM 1.7). Construct maintenance worker safety improvements.	0 0J670 2018-19	R/W: Const:	\$10 \$5,286	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$880 \$40 \$770	Prior Prior Prior 18-19	R/W Cert: RTL:			
	improvements.		Subtotal: Total Proj	\$5,296 ect Cost:		\$2,130 \$7,426					
Carryover			Program (201.235 N		ce Access	vements/ Free	way		
MANDATES 04-San Mateo-280 7.0/7.7 1487G 0414000030	Near Redwood City, north of Edgewood Road; also on Route 84, from Hildebrand Road to north of La Honda Creek Bridge (PM 9.4/10.0). Stabilize soil and erosion control to mitigate for		R/W: Const:	\$204 \$2,008	PA&ED: PS&E: R/W Sup: Con Sup:	\$874 \$763 \$77 \$564	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/30/2018 9/1/2019 10/1/2019 4/1/2020		
	storm water quality.		Subtotal: Total Proj	\$2,212 ect Cost:		\$2,278 \$4,490					
Carryover			Program (er Mitigatior ated/pollutan				
BRIDGE PRESER	VATION										
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: Const:	\$260 \$4,434	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$1,000 \$8 \$1,200	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020 4/1/2022 5/1/2022 12/15/2022		
			Subtotal: Total Proj	\$4,694 ect Cost:		\$3,408 \$8,102					
New			Program (ridge Ma ridge(s)	jor Rehabilit	ation			



		(Ψ	1,000)						arrans"				
Dist-Co-Rte							cos						
Post Mile		TC A					Allocation	1					
PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		FY		tones				
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: Const:	\$4,285 \$26,570	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,500 \$4,500 \$1,125 \$7,500	18-19 20-21 20-21 21-22	PA&ED: 10/2 R/W Cert: 6/30 RTL: 6/30					
			Subtotal: Total Proj	\$30,855 ect Cost:		\$17,625 \$48,480							
New			Program (Bridge Maj Bridge(s)	or Rehabili	itation					
04-San Mateo-101 0.1/23.4 1485K 0415000010	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.		R/W: Const:	\$64 \$7,748	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,326 \$1,586 \$130 \$1,456	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 2/1/2021 3/1/2022 9/1/2022				
			Subtotal: Total Proj	\$7,812 lect Cost:		\$4,498 \$12,310							
New			Program (201.112 B re 3706.0 L	•	•	ent and Upgrad	e				
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. 25-0007 (PM R1.55), Sand Hill Road OC	4J850 2021-22	R/W: Const:	\$262 \$7,470	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,000 \$100 \$1,000	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 5/1/2022 4/1/2022 10/1/2022				
	35-0007 (PM R1.56), Sand Hill Road OC (North) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35-0217L/R (PM R20.97). Structure seismic retrofit.		Subtotal: Total Proj	\$7,732 fect Cost:		\$2,700 \$10,432							
Carryover			Program (Bridge Seis Bridge(s)	smic Restor	ation					
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	2J790 2021-22	R/W: Const:	\$343 \$1,936	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,250 \$1,040 \$260 \$1,300	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 2/1/2022 4/1/2022 11/1/2022				
	reinforcing with Rock Slope Protection (RSP).		Subtotal: Total Proj	\$2,279 ect Cost:		\$3,850 \$6,129							
New			Program (Bridge Prev	ventative M	laintenance					





Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION					
04-San Mateo-1 0.0/10.6 0622B 0414000094	Near Pescadero, from Santa Cruz County line to south of Bean Hollow Road. Pavement rehabilitation.	0 0C930 2019-20	R/W: \$ Const: \$11,6	671 PS&E: \$ R/W Sup:	\$1,403 Prior \$1,081 18-19 \$46 18-19 \$1,081 19-20	PA&ED: 7/2/2018 R/W Cert: 6/1/2019 RTL: 9/1/2019 Begin Con: 1/15/2020
			Subtotal: \$11,6 Total Project Co		53,611 1 5,292	
Carryover			Program Code Performance Me		ement Rehabilitatio e mile(s)	n (CAPM)
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	0K780 2021-22	R/W: \$5 Const: \$18,2	225 PS&E: \$ R/W Sup:	52,340 18-19 52,860 19-20 \$39 19-20 53,120 21-22	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/1/2022
	standard.		Subtotal: \$18,7 Total Project Co		58,359 27,150	
New			Program Code Performance Me	201.121 Pave easure 16.5 Land	ement Rehabilitatio e mile(s)	n (CAPM)
04-San Mateo-101 16.5/23.0 1487J 0415000080	In the cities of Burlingame, Millbrae, San Brund and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation.	3J060 2019-20	R/W: \$1 Const: \$16,5	500 PS&E: \$ R/W Sup:	\$1,056 Prior \$1,342 Prior \$132 Prior \$1,628 19-20	PA&ED: 4/2/2018 R/W Cert: 10/15/2019 RTL: 11/1/2019 Begin Con: 4/29/2020
			Subtotal: \$16,6 Total Project Co		\$4,158 20,758	
Carryover			Program Code Performance Me		ement Rehabilitatio e mile(s)	n (CAPM)
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,	2A970 2021-22	R/W: \$ Const: \$16,4	404 PS&E: \$	\$1,800 18-19 \$2,000 19-20 \$260 19-20 \$3,000 21-22	PA&ED: 2/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
	12.9, 18.8). Replace failing culverts and restore damaged slopes, pavement, and bridge approaches at six locations.		Subtotal: \$16,4 Total Project Co		57,060 2 3,47 7	
N			Program Code Performance Me		inage System Resto	ration
New			1 ci ioi mance Me	Lasure 20 Cur	veri(s) (ca)	



		(43	1,000)						Juug
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocatior FY	ı Miles	tones
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	2K880 2021-22	R/W: Const:	\$36 \$2,408 \$2,444	PA&ED: PS&E: R/W Sup: Con Sup:	\$430 \$444 \$30 \$444 \$1,348	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 8/1/2021 9/1/2021 1/15/2022
	Changeable Message Signs (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVPs) to improve the system performance.		Total Proje	ect Cost:	201 315 T	\$3,792	tion Manage	ement Systems	
New			Performan			ield eleme	Č	ement systems	
	Sa	n Mateo	County						

San Mate	o County
	R/W: \$8,155 PA&ED: \$22,559
	Const: \$132,775 PS&E: \$22,806 R/W Sup: \$3,080
	Con Sup: \$26,703 Subtotal: \$140,930 \$75,148
	Total (Capital + Support): \$216,078



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suj	pport	COS Allocation FY	ı Milest	ones
COLLISION RED	UCTION							
05-Santa Barbara-Var 2628 0516000006	In Santa Barbara, San Luis Obispo, Monterey, and Santa Cruz Counties on Routes 1, 101, 129, 135, 156, 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: \$2,2 Const: \$2,2 Subtotal: \$2,7	R/W Su Con Su 248	E: \$940 p: \$71	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2019 2/1/2021 2/1/2021 9/15/2021
New			Program Code Performance Mo		5 Collision S 2 Collision(s	-	uction	
05-Santa Barbara-Var 2594 0514000138	In Santa Barbara and San Luis Obispo Counties on various routes at various locations. Replace and install advance curve warning signs.	i, 1G300 2018-19	R/W: 5 Const: \$2,0	948 PA&E 984 PS& R/W Su Con Su	E: \$1,125 p: \$41	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/9/2018 2/28/2019 6/10/2019 11/27/2019
			Subtotal: \$2,5 Total Project Co		\$2,575 \$4,707			
Carryover			Program Code Performance Me		5 Collision S 7 Collision(s	-	uction	
05-Santa Barbara-101 46.5/68.9 2460 0513000023	In and near Buellton, from Gaviota State Park Entrance to north of Alisos Canyon Road. Roadside safety improvements.	1E000 2019-20	R/W: Const: \$2,5	\$7 PA&E 578 PS& R/W Su Con Su	E: \$840 p: \$34	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/5/2017 10/7/2019 2/3/2020 7/1/2020
			Subtotal: \$2,5 Total Project Co		\$2,092 \$4,677			
Carryover			Program Code Performance Mo		Roadside S Maintenand Location(s	ce Access	vements/ Freev	vay
05-Santa Barbara-101 46.9 2462 0513000024	Near Gaviota, at the Gaviota Safety Roadside Rest Area (SRRA). Upgrade wastewater system.	1E010 2018-19	R/W: Const: \$2,8	\$5 PA&E 800 PS& R/W Su Con Su	E: \$1,060 p: \$10	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/22/2016 10/1/2018 2/1/2019 9/3/2019
			Subtotal: \$2,8 Total Project Co		\$2,490 \$5,295			
Carryover			Program Code Performance Mo		Roadside S Maintenan Location(s	ce Access	vements/ Freev	vay
Curryover			- 2.101.2141100 1/10			,		



Dist-Co-Rte		(+	1,000)						artrans"
Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сарі	tal	Suppo		COS Allocation FY	ı Miles	tones
05-Santa Barbara-101 68.7/91.0 2699 0517000001	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: Const:	\$25 \$2,142	PA&ED: PS&E: R/W Sup: Con Sup:	\$714 \$1,123 \$35 \$1,003	18-19 19-20 19-20 20-21		10/24/2019
			Subtotal: Total Proje	\$2,167 ct Cost:		\$2,875 \$5,042			
New			Program Co		201.235 N		e Access	ovements/ Free	way
MANDATES									
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.		R/W: Const:	\$970 \$2,904	PA&ED: PS&E: R/W Sup: Con Sup:	\$70 \$1,875 \$303 \$1,136	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/22/2020
			Subtotal: Total Proje	\$3,874 ct Cost:		\$3,384 \$7,258			
BRIDGE PRESER 05-Santa Barbara-101 21.6 2649	In Goleta, at San Jose Creek Bridge No. 51 -0163L/R. Replace bridges to maintain standards of safety and reliability.	1H430 2021-22	R/W: Const:	\$40 \$9,240	PA&ED: PS&E: R/W Sup:	\$1,400 \$2,730 \$70	Prior 19-20 19-20	PA&ED: R/W Cert: RTL:	4/20/2020 7/1/2021 10/1/2021
0516000073			Subtotal: Total Proje	\$9,280 ct Cost:	Con Sup:	\$3,480 \$7,680 \$16,960	21-22	Begin Con:	6/15/2022
			Program Co			eridge Maj eridge(s)	or Rehabili	tation	
Carryover			1 Ci ioi manc						
Carryover 05-Santa Barbara-101 70.9 2522 0514000003	In Los Alamos, at Route 101/135 Separation No. 51-0073L/R. Replace bridge decks.	1F500 2019-20	R/W: Const:	\$100 \$7,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$1,800 \$250 \$2,100	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 7/15/2019 8/15/2019 3/16/2020
05-Santa Barbara-101 70.9 2522	,		R/W:	\$7,000 \$7,100	PS&E: R/W Sup:	\$1,800 \$250	Prior Prior	R/W Cert: RTL:	7/15/2019 8/15/2019



		(3	1,000)					1.4	arrans'
Dist- Co-Rte							cos		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Cap	pital	Supp	ort	FY	Miles	tones
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: Const:	\$50 \$19,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,500 \$75	Prior 19-20 19-20 20-21		7/15/2019 12/15/2020 4/15/2021 11/1/2021
			Subtotal: Total Proj	\$19,050 ect Cost:		\$4,175 \$23,225			
New			Program (201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabil	itation	
05-Santa Barbara-154 R31.8/R32.1 2651 0516000075	In the city of Santa Barabara, at La Colina Road Undercrossing (UC) No. 51-0256 (PM R31.82) and at Primavera Road UC No. 51-0257 (PM R32.07). Upgrade bridge railing and reconstruct abutment for bridge rehabilitation.	2021-22	R/W: Const:	\$3 \$6,416	PA&ED: PS&E: R/W Sup: Con Sup:	\$928 \$2,135 \$52 \$2,186	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/20/2019 4/15/2021 7/30/2021 1/5/2022
			Subtotal: Total Proj	\$6,419 ect Cost:		\$5,301 \$11,720			
Carryover			Program (201.110 E re 2 E	Bridge Maj Bridge(s)	or Rehabil	itation	
05-Santa Barbara-217 0.8/1.4 2386 0512000134	Near Goleta, from 0.2 mile south to 0.4 mile north of San Jose Creek Bridge No. 51-0217. Replace bridge.	1C360 2021-22	R/W: Const:	\$158 \$18,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,887 \$3,459 \$156 \$4,550	Prior 19-20 Prior 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/20/2019 8/18/2021 10/19/2021 4/1/2022
			Subtotal: Total Proj	\$18,758 ect Cost:		\$12,052 \$30,810			
Carryover			Program (201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabil	itation	
05-Santa Barbara-1 M33.1 2563 0514000063	Near Lompoc, at San Antonio Creek Bridge No 51-0237L/R. Bridge scour mitigation.	0. 1F810 2021-22	R/W: Const:	\$83 \$1,241	PA&ED: PS&E: R/W Sup: Con Sup:	\$688 \$1,692 \$99 \$1,029	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2019 2/4/2021 7/7/2021 1/4/2022
			Subtotal: Total Proj	\$1,324 ect Cost:		\$3,508 \$4,832		•	
			Program (201.111 E	Bridge Sco	ur Mitigati	on	



Dist- Co-Rte			,,,,,				COC		wow.c
Post Mile							COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		FY	Miles	tones
05-Santa Barbara-192	Near Carpinteria, at Arroyo Parida Creek Bridge	e 39610	R/W:	\$905	PA&ED:	\$960	Prior	PA&ED:	6/29/2009
15.4/15.6	No. 51-113. Replace bridge (scour).	2019-20	Const:	\$6,845	PS&E:	\$4,266	Prior	R/W Cert:	9/3/2019
0335					R/W Sup:	\$692	Prior	RTL:	1/21/2020
0500000514					Con Sup:	\$1,310	19-20	Begin Con:	8/7/2020
			Subtotal:	\$7,750		\$7,228			
			Total Proje	ect Cost:		\$14,978			
			Program C	Code	201.111 E	Bridge Sco	ur Mitigatio	on	
Carryover			Performan			Bridge(s)			
05-Santa Barbara-101	Near Buellton, at Nojoqui Creek Bridge No. 51	1F790	R/W:	\$99	PA&ED:	\$910	Prior	PA&ED:	8/29/2018
56.0	-0018L/R. Bridge rail replacement and	2019-20	Const:	\$5,304	PS&E:	\$1,789	18-19	R/W Cert:	11/1/2019
2561	widening.				R/W Sup:	\$211	18-19	RTL:	1/29/2020
0514000061					Con Sup:	\$1,218	19-20	Begin Con:	7/15/2020
			Subtotal:	\$5,403		\$4,128			
			Total Proje	ect Cost:		\$9,531			
Carryover 05-Santa Barbara-135 R7.2 2567	Near Los Alamos, at San Antonio Creek Bridge No. 51-0006. Bridge seismic restoration.	1F830 2019-20	Program C Performan R/W: Const:		PA&ED: PS&E: R/W Sup:	_	-	PA&ED: R/W Cert: RTL:	7/2/2018 9/1/2019 3/9/2020
0514000065					Con Sup:	\$640	19-20	Begin Con:	9/17/2020
			Subtotal:	\$2,110		\$2,567			
			Total Proje	ect Cost:		\$4,677			
			Program C	Code	201.113 E	Bridge Sei	smic Restor	ation	
Carryover			Performan	ce Measu	re 1 E	Bridge(s)			
05-Santa Barbara-154	Near Los Olivos, at Alamo Pintado Pedestrian	1C410	R/W:	\$56	PA&ED:	\$1,125	Prior	PA&ED:	12/3/2018
R2.6	Bridge No. 51-0076Y. Remove bridge.	2019-20	Const:	\$922	PS&E:	\$1,055	18-19	R/W Cert:	10/15/2019
2391					R/W Sup:	\$50	Prior	RTL:	4/8/2020
0512000139					Con Sup:	\$350	19-20	Begin Con:	10/6/2020
			Subtotal:	\$978		\$2,580			
			Sucretur.	4770					
			Total Proje			\$3,558			
			Total Proje	ect Cost:		ŕ			
Carryover				ect Cost:		ŕ	ventative M	aintenance	





Location/Description ON Tia, from Casitas Pass Overcrossing north of Sheffield Avenue ing. Rehabilitate roadway. Ingency) Maria, from Solomon Road to Rounent rehabilitation.	2019-20	R/W: \$5,560 * Const: \$119,100 Subtotal: \$124,660 Total Project Cost:	201.120 Roadway Inre 26.4 Lane miles PA&ED: \$515 PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	Prior Prior 19-20 Support phase Rehabilitatio (s) Prior 18-19 18-19	PA&ED: 11/27/2017 R/W Cert: 2/5/2019 RTL: 7/1/2019 Begin Con: 10/29/2019 ase are NOT authorized on (3R) PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019
ria, from Casitas Pass Overcrossing north of Sheffield Avenue ing. Rehabilitate roadway. Ingency) Maria, from Solomon Road to Rou	2019-20 te 1G130	* Const: \$119,100 Subtotal: \$124,660 Total Project Cost: * Construction Capital Program Code Performance Measu R/W: \$795 Const: \$9,583	PS&E: \$9,530 R/W Sup: \$940 * Con Sup: \$30,800 \$50,470 \$175,130 al and * Construction 201.120 Roadway line 26.4 Lane milet PA&ED: \$515 PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	Prior Prior 19-20 Support phase Rehabilitatio (s) Prior 18-19 18-19	R/W Cert: 2/5/2019 RTL: 7/1/2019 Begin Con: 10/29/2019 ase are NOT authorized on (3R) PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019
ria, from Casitas Pass Overcrossing north of Sheffield Avenue ing. Rehabilitate roadway. Ingency) Maria, from Solomon Road to Rou	2019-20 te 1G130	* Const: \$119,100 Subtotal: \$124,660 Total Project Cost: * Construction Capital Program Code Performance Measu R/W: \$795 Const: \$9,583	PS&E: \$9,530 R/W Sup: \$940 * Con Sup: \$30,800 \$50,470 \$175,130 al and * Construction 201.120 Roadway line 26.4 Lane milet PA&ED: \$515 PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	Prior Prior 19-20 Support phase Rehabilitatio (s) Prior 18-19 18-19	R/W Cert: 2/5/2019 RTL: 7/1/2019 Begin Con: 10/29/2019 ase are NOT authorized on (3R) PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019
Maria, from Solomon Road to Row		* Construction Capital * Construction Capital Program Code Performance Measu R/W: \$795 Const: \$9,583	\$175,130 al and * Construction 201.120 Roadway 1re 26.4 Lane miles PA&ED: \$515 PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	Rehabilitatio (s) Prior 18-19 18-19	PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019
		R/W: \$795 Const: \$9,583	PA&ED: \$515 PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	Prior 18-19 18-19	PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019
		Const: \$9,583	PS&E: \$916 R/W Sup: \$104 Con Sup: \$905	18-19 18-19	R/W Cert: 8/1/2019 RTL: 11/1/2019
		Subtotal: \$10.378	** * * * * * * * * * * * * * * * * * *		Begin Con: 5/21/2020
		Total Project Cost:	\$2,440 \$12,818		
		Program Code Performance Measu	201.121 Pavement 18.6 Lane mile		on (CAPM)
ta, from 1.0 mile south of Gaviota nel to 0.1 mile north of Nojoqui ge. Upgrade guard railing, widen olace High Friction Surface	1H860 2021-22	R/W: \$21 * Const: \$59,218	PA&ED: \$2,160 PS&E: \$2,648 R/W Sup: \$74 * Con Sup: \$5,026	19-20 19-20	PA&ED: 12/2/2019 R/W Cert: 5/21/2021 RTL: 9/22/2021 Begin Con: 5/2/2022
HSFT), construct retaining walls, bavement, place Hot Mix Asphalt Rubberized Hot Mix Asphalt evement.		Subtotal: \$59,239 Total Project Cost: * Construction Capital	\$9,908 \$69,147 al and * Construction		ase are NOT authorized
.scircy)		Program Code Performance Measu	201.121 Pavement 27.8 Lane mile		on (CAPM)
Santa Maria, from Lakeview Road 1. Upgrade Americans with Act (ADA) curb ramps, cold plane and place Rubberized Hot Mix HMA) payement	1G970 2020-21	R/W: \$378 Const: \$14,372	PS&E: \$1,869 R/W Sup: \$1,832	Prior	PA&ED: 6/16/2017 R/W Cert: 9/30/2020 RTL: 11/19/2020 Begin Con: 5/24/2021
		Subtotal: \$14,750 Total Project Cost:	\$6,097 \$20,847		_
		Program Code	201 121 Payement	Rehabilitatio	on (CAPM)
1	I. Upgrade Americans with Act (ADA) curb ramps, cold plane	1. Upgrade Americans with 2020-21 Act (ADA) curb ramps, cold plane nd place Rubberized Hot Mix	Santa Maria, from Lakeview Road 1G970 R/W: \$378 1. Upgrade Americans with 2020-21 Const: \$14,372 Act (ADA) curb ramps, cold plane and place Rubberized Hot Mix (IMA) pavement. Subtotal: \$14,750 Total Project Cost:	Santa Maria, from Lakeview Road 1 G970 1. Upgrade Americans with 2020-21 Act (ADA) curb ramps, cold plane and place Rubberized Hot Mix IMA) pavement. Subtotal: \$14,372 PS&E: \$1,869 R/W Sup: \$1,832 Con Sup: \$2,396 Total Project Cost: Program Code 201.121 Pavement	Santa Maria, from Lakeview Road 1 G970 2 Upgrade Americans with Act (ADA) curb ramps, cold plane and place Rubberized Hot Mix (MA) pavement. Subtotal: \$14,750 Subtotal: \$14,750 Subtotal: \$20,847



		(4)	1,000)						altrans"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY		tones
05-Santa Barbara-246 2632 0516000012	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; also on Route 1, from H Street to 12th Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane	1H010 2021-22	R/W: Const:	\$350 \$6,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,630 \$2,460 \$1,750	Prior Prior 21-22	R/W Cert: RTL:	4/24/2017 12/10/2021 12/15/2021 7/27/2022
	pavement and place Hot Mix Asphalt (HMA) pavement.		Subtotal: Total Proje	\$7,250 ect Cost:		\$7,840 \$15,090			
Carryover			Program C			avement R ane mile(s	Rehabilitatio	on (CAPM)	
05-Santa Barbara-101 45.5 3330 0512000068	Near Gaviota State Park. Rehabilitate and upgrade existing drainage system.	0K330 2019-20	R/W: Const:	\$146 \$3,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$780 \$1,430 \$245 \$1,111	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/27/2018 6/15/2020 6/15/2020 12/4/2020
			Subtotal: Total Proje	\$3,746 ect Cost:		\$3,566 \$7,312			
Carryover			Program C			rainage Sy ulvert(s) (ystem Resto	oration	
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: Const:	\$888 \$6,827	PA&ED: PS&E: R/W Sup: Con Sup:	\$793 \$1,440 \$418 \$1,614	18-19 20-21 20-21 21-22	R/W Cert:	11/30/2021
			Subtotal: Total Proje	\$7,715 ect Cost:		\$4,265 \$11,980			
					• • • • • • •		· ·		
New			Program C Performan		201.310 O			ents of delay (DVH)	D)

Santa Barbara County	Santa Barbara County								
R/W: \$10.3	835 PA&ED:	\$28,975							
Const: \$310,		\$50,080							
	R/W Sup:	\$8,245							
	Con Sup:	\$67,357							
Subtotal: \$321,	721	\$154,657							
Total (Capital +	Support):	\$476,378							





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Decayintian	EA Prog Voca	Con	ital.	Summ		COS Allocatior FY		tonos
	Location/Description	Prog Year	Cap	ntai	Supp	or t	I I	Miles	tones
MAJOR DAMAG 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: Const:	\$87 \$1,381	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$780 \$52 \$650	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 1/2/2021 2/1/2021 6/15/2021
			Subtotal: Total Proje	\$1,468 ect Cost:		\$2,132 \$3,600			
New			Program (ermanent ocation(s)	Restoration	ı	
COLLISION RED	UCTION								
04-Santa Clara-17 0.0/3.4 1453A 0416000373	Near Los Gatos, from south of Summit Road to north of Alma College Road. Install lighting, warning signs, flashing beacons, guardrail, rumble strips, wet-night visibility striping, and channelizers, and apply High Friction Surface	2K140 2019-20	R/W: Const:	\$70 \$8,821	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$1,000 \$50 \$1,550	Prior 18-19 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 6/1/2020 6/15/2020 1/25/2021
	Treatment (HFST).		Subtotal: Total Proje	\$8,891 ect Cost:		\$3,600 \$12,491			
Carryover			Program C		201.010 S ure 264 C	afety Impi			
04-Santa Clara-101 R9.0/R16.8 1483F 0415000022	In and near Morgan Hill, from south of Masten Avenue to East Main Avenue. Install edgeline and shoulder rumble strips, concrete barrier, and reconstruct shoulders.	2J890 2018-19 d	R/W: Const:	\$10 \$2,420	PA&ED: PS&E: R/W Sup: Con Sup:	\$230 \$450 \$75 \$675	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/17/2018 4/8/2019 5/6/2019 1/23/2020
			Subtotal: Total Proje	\$2,430 ect Cost:		\$1,430 \$3,860			
Carryover			Program (201.010 S are 85 C	afety Impi Collision(s)			
04-Santa Clara-152 21.8/R35.2 0480K 0414000067	Near Gilroy, from east of Dunne Street/San Felipe Road to the Merced County line. Place median barrier.	0J800 2019-20	R/W: Const:	\$60 \$10,984	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,800 \$1,227 \$65 \$1,766	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 5/8/2020 5/15/2020 3/1/2021
			Subtotal: Total Proje	\$11,044 ect Cost:		\$4,858 \$15,902			_
C			Program (201.010 S	, ,			
Carryover			Performan	ice Measu	re 79 C	Collision(s)) reduced		





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Dist-Co-Rte Post Mile PPNO	To a set of 10 and the first	EA	G.		6		COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
04-Santa Clara-280 11.3 1488N 0415000184	In Cupertino, at northbound offramp to Foothill Expressway. Upgrade traffic signal system for right-turn movement.	3J710 2019-20	R/W: Const:	\$180 \$982	PA&ED: PS&E: R/W Sup: Con Sup:	\$432 \$285 \$45 \$285	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/31/2018 3/31/2020 4/30/2020 10/30/2020
			Subtotal: Total Proje	\$1,162 ect Cost:		\$1,047 \$2,209			
Carryover			Program C		201.010 S re 20 C	afety Impr			
04-Santa Clara-Var	On various routes, in various cities, at various	0K080	R/W:	\$23	PA&ED:	\$939	18-19	PA&ED:	7/15/2020
1492E 0416000049	locations. Replace pedestrian push-buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers and refresh		Const:	\$10,711	PS&E: R/W Sup: Con Sup:	\$36	20-21 21-22 21-22	R/W Cert: RTL: Begin Con:	3/2/2022 3/18/2022 7/29/2022
	crosswalk markings to enhance pedestrian safety.		Subtotal: Total Proje	\$10,734 ect Cost:		\$3,633 \$14,367			
04-Santa Clara-9 1486A 0415000043	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	2J950 2021-22	R/W: Const:	\$50 \$6,924	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$1,400 \$45 \$1,600	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/10/2020 2/1/2022 3/15/2022 9/1/2022
0113000013	Maintenance Vehicle Pullouts (MVPs).		Subtotal:		соп вир.				
			Total Proje	\$6,974 ect Cost:		\$4,345 \$11,319			
New				ect Cost:		\$11,319	everity Red reduced	luction	
New 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	Total Proje	ect Cost:		\$11,319 Collision Se	-	PA&ED: R/W Cert:	11/30/2021
04-Santa Clara-152 11.2/R35.2 1452E	Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control	2021-22	Program C Performan R/W:	\$10 \$6,590	PA&ED: PS&E: R/W Sup:	\$11,319 Collision So Collision(s) \$800 \$1,000 \$45	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	10/29/2021 11/30/2021
04-Santa Clara-152 11.2/R35.2 1452E	Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway	2021-22	Program C Performan R/W: Const: Subtotal:	sode ce Measu \$10 \$6,590 \$6,600 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$11,319 Collision Secollision(s) \$800 \$1,000 \$45 \$700 \$2,545 \$9,145	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL:	10/29/2021 11/30/2021 6/20/2022



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Dist- Co-Rte Post Mile PPNO					4	COS Allocation			
EFIS	Location/Description	Prog Year	Cap	oital	Supp	ort	FY	Miles	stones
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: Const:	\$170 \$3,835	PA&ED: PS&E: R/W Sup: Con Sup:	\$780 \$770 \$62 \$503	18-19 19-20 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 10/1/2021 12/1/2021 9/1/2022
			Subtotal: Total Proj	\$4,005 ect Cost:		\$2,115 \$6,120			
New			Program (201.235 N		e Access	ovements/ Free	way
04-Santa Clara-680 M0.0/M9.9 0481T 0414000023	In San Jose and Milpitas, from Route 101 to Scott Creek Road at various locations. Construct maintenance worker safety improvements.	0J660 2018-19	R/W: Const:	\$10 \$8,814	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$1,320 \$110	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/26/2017 1/8/2019 1/15/2019 7/15/2019
			Subtotal: Total Proj	\$8,824 ect Cost:		\$3,190 \$12,014			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
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.	0K010 2021-22	R/W: Const:	\$1,614 \$6,193	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$1,600 \$706 \$1,600	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 4/1/2022 5/2/2022 11/15/2022
	with Disabilities Act (ADA) standards.		Subtotal: Total Proj	\$7,807 ect Cost:		\$5,206 \$13,013			
New			Program (Americans Curb ramp(vilities Act New	Curb Ramp
04-Santa Clara-85 18.0/24.1 0434G 0400021202	In Cupertino, Sunnyvale and Mountain View, from Stevens Creek Boulevard to Route 101; also in various cities, on Route 80 (PM 2.5/8.0), at various locations. Install and/or upgrade existing curb ramps and pedestrian facilities to	2G730 2018-19	R/W: Const:	\$75 \$2,260	PA&ED: PS&E: R/W Sup: Con Sup:	\$442 \$663 \$102 \$730	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/26/2017 5/1/2019 5/16/2019 12/23/2019
	Americans with Disabilities Act (ADA) Standards.		Subtotal: Total Proj	\$2,335 ect Cost:		\$1,937 \$4,272			
			Program (vilities Act New	Curb Ramp
Carryover			Performan	ice Measu	re 38 C	Curb ramp(s)		





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	ıl	Suppo	ort	COS Allocation FY		tones
RIDGE PRESER	VATION								
04-Santa Clara-9 4.9 0386F 0412000409	Near Saratoga, at Saratoga Creek Bridge No. 37 -0074. Replace bridge.	3G630 2019-20		\$6,779 11,668	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,800 \$1,400 \$396 \$1,526	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 4/15/2020 5/6/2020 10/19/2020
			Subtotal: \$1 Total Project	18,447 Cost:		\$6,122 \$24,569			
Carryover			Program Cod			Bridge Ma Bridge(s)	ajor Rehabili	tation	
04-Santa Clara-101 0481H 0414000013	In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at eight locations.	0J560 2019-20	R/W: Const: \$1	\$30 10,711	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,800 \$2,250 \$30 \$2,700	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2018 3/16/2020 6/15/2020 12/21/2020
			Subtotal: \$1 Total Project	0,741 Cost:		\$6,780 \$17,521			
Carryover			Program Cod			Ü	•	ent and Upgrac	le
04-Santa Clara-280 R2.9/17.8 1483K 0415000338	In San Jose, at Bird Avenue Overcrossing Bridge No. 37-0267 (PM R2.78); also in Los Altos Hills at Arastradero Road Undercrossing Bridge No. 37-0251 L/R (PM 17.8). Bridge seismic restoration.	2J750 2018-19	R/W: Const: \$	\$90 \$2,414	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,144 \$1,034 \$66 \$550	Prior	PA&ED: R/W Cert: RTL: Begin Con:	2/27/2018 3/1/2019 3/15/2019 10/28/2019
	seisine restoration.		Subtotal: \$ Total Project	S2,504 Cost:		\$2,794 \$5,298			
Carryover			Program Cod			Bridge Sei Bridge(s)	ismic Restora	ntion	
04-Santa Clara-Var 1482R 0415000017	In various cities, on various routes at Saratoga Creek Bridge, Carnadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	2J780 2019-20	R/W: Const: \$	\$10 \$2,391	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$750 \$44 \$600	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 5/1/2020 6/1/2020 12/22/2020
	Diago preventanve mannenance.		Subtotal: \$ Total Project	\$2,401 Cost:		\$2,294 \$4,695			
			Program Cod	e	201.119 B	Bridge Pre	eventative M	aintenance	
Carryover			Performance			Bridge(s)			





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	Miles	tones
ROADWAY PRES	ERVATION							
04-Santa Clara-17 2.8/13.9 1480B 0414000404	In and near Los Gatos, Campbell and San Jose, from Hebard Way to Route 280. Pavement rehabilitation.	1J970 2019-20	R/W: Const: \$30,	\$20 PA&ED: ,141 PS&E: R/W Sup: Con Sup:	\$2,750 \$150	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 1/17/2020 1/27/2020 7/15/2020
			Subtotal: \$30, Total Project C		\$7,800 \$37,961			
Carryover			Program Code Performance M		Pavement I Lane mile(Rehabilitations)	on (CAPM)	
04-Santa Clara-82 9.8/R10.4 1490Q 0417000520	In the cities of San Jose and Santa Clara, from McKendrie Street to El Camino Real. Pavemen rehabilitation, Americans with Disabilities Act (ADA) upgrades, and installation of High- intensity Activated crossWalK (HAWK)	4J282 t 2018-19		7180 PA&ED: 711 PS&E: R/W Sup: Con Sup:		18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/14/2017 1/15/2019 3/1/2019 9/11/2019
	systems.		Subtotal: \$3, Total Project C	891 ost:	\$1,606 \$5,497			
Carryover			Program Code Performance M		Pavement I Lane mile(Rehabilitations)	on (CAPM)	
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: \$ Const: \$22,	PA&ED: 885 PS&E: R/W Sup: Con Sup:	\$99	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/3/2020 7/6/2021 8/11/2021 11/30/2021
			Subtotal: \$23, Total Project C		\$4,935 \$28,180			
New			Program Code Performance M		Pavement I Lane mile(Rehabilitations)	on (CAPM)	
04-Santa Clara-152 7.6/M10.2 1452D 0417000019	In Gilroy, from 0.3 miles west of Santa Teresa Boulevard to Route 101. Rehabilitate pavement.	2K750 2019-20	R/W: \$ Const: \$14,	125 PA&ED: ,165 PS&E: R/W Sup: Con Sup:	\$1,600 \$58	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 12/5/2018 12/19/2018 6/14/2019
			Subtotal: \$14, Total Project C		\$4,858 \$19,148			
Carryover			Program Code Performance M		Pavement I	Rehabilitatio	on (CAPM)	
						-/		



		(2)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO EFIS 04-Santa Clara-280 11.5/20.6 0449A 0415000131					1	COS Allocation			
	Location/Description	Prog Year	Capit	tal	Supp	ort	FY	Miles	tones
	In and near Los Altos, Los Altos Hills, and Palo Alto, from Foothill Boulevard to north of Sand Hill Road (also in San Mateo County (PM R0.0/R2.1). Pavement rehabilitation.	3J320 2018-19	R/W: Const: S	\$50 \$47,574	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,853 \$3,284 \$48 \$6,661	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 4/1/2019 5/1/2019 10/8/2019
			Subtotal: S Total Project			\$11,846 \$59,470			
			Program Co					on (CAPM)	
Carryover			Periormanc	e Measu	re 90.0 L	ane mile(s	5)		
04-Santa Clara-87 0.0/6.1 1492C 0416000010	In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation.	4J910 2021-22	R/W: Const: S	\$304 \$55,263	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,767 \$4,425 \$50 \$6,581	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 4/1/2022 6/30/2022 2/1/2023
			Subtotal: Subtotal: Subtotal Project	\$55,567 et Cost:		\$13,823 \$69,390			
Carryover			Program Co			Roadway R	ehabilitatio	on (2R)	
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: Const:	\$255 \$8,030	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,120 \$2,080 \$130 \$1,560	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 1/2/2022 2/1/2022 6/15/2022
			Subtotal:	\$8,285		\$6,890			
			Total Projec			\$15,175			
V			Program Co				Improven	nents of delay (DVHI	2)
New			1 ci ioi manci	e ivicasu	16 321 L		ic flour(s) (I uciay (DVIII	<u>′</u>
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		\$57,823 \$13,819	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,120 \$2,080 \$481 \$1,750	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/3/2020 5/2/2022 6/1/2022 2/1/2023
			Subtotal: S	\$71,642 et Cost:		\$7,431 \$79,073			
			Program Co			•	Improvem		
Carryover			Performance	e Measu	re 332 L	oany vehic	ie nour(s)	of delay (DVHI	J)

(\$1,000)



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		COS Allocation FY	ı Milestones
ROADSIDE PRES	SERVATION .							
04-Santa Clara-101 R26.4/46.4 2020J 0416000017	In the cities of San Jose, Santa Clara, and Sunnyvale, from Route 85 to Route 237; also of Route 85 (PM 0.0 to 1.1) and Route 237 (PM 2.2 to R4.9). Repair and modernized roadside irrigation facilities.	4J930 n 2020-21	R/W: Const:	\$15 \$2,009	PA&ED: PS&E: R/W Sup: Con Sup:	\$375 \$500 \$63 \$625	18-19 19-20 19-20 20-21	PA&ED: 10/10/2019 R/W Cert: 2/16/2021 RTL: 5/11/2021 Begin Con: 9/15/2021
			Subtotal: Total Pro	\$2,024 eject Cost:		\$1,563 \$3,587		
			Program	Code	201.210 H	Iighway P	lanting Res	toration
New			Performa	nce Measu	re 12 A	cre(s)		
	San	ta Clara	Count	y				
			R/W:	\$68,400	PA&ED:	\$32,030		
			Const:	\$294,696	PS&E:	\$36,466		
					R/W Sup:			
					Con Sup:	\$43,096		
			Subtotal:	\$363,096	9	\$114,780		

Total (Capital + Support):

\$477,876



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
COLLISION RED	UCTION					
05-Santa Cruz-1 16.7/17.0 2636 0516000020	In and near Santa Cruz, from 0.1 mile south of Route 1/17 Separation to 0.4 mile south of Pasatiempo Overcrossing; also on Route 17 (PN 0.0/0.3). Realign southbound Route 17 Connector to southbound Route 1.	1H060 2019-20	R/W: \$658 Const: \$5,811	PA&ED: \$792 PS&E: \$1,930 R/W Sup: \$217 Con Sup: \$1,973	Prior Prior	PA&ED: 11/1/2017 R/W Cert: 8/1/2019 RTL: 11/1/2019 Begin Con: 5/1/2020
			Subtotal: \$6,469 Total Project Cost:	\$4,912 \$11,381		
Carryover			Program Code Performance Measu	201.010 Safety Impered 140 Collision(•	
05-Santa Cruz-129 1.4 2625 0516000010	Near Watsonville, at Lakeview Road. Construct roundabout and improve street lighting.	t 1G990 2019-20	R/W: \$749 Const: \$4,481	PA&ED: \$782 PS&E: \$1,341 R/W Sup: \$441 Con Sup: \$1,335	Prior Prior	PA&ED: 11/1/2017 R/W Cert: 4/1/2020 RTL: 6/1/2020 Begin Con: 11/1/2020
			Subtotal: \$5,230 Total Project Cost:	\$3,899 \$9,129		
Carryover			Program Code Performance Measu	201.010 Safety Impered 46 Collision(•	
05-Santa Cruz-1 R0.0/R8.1 2452 0513000021	In Santa Cruz and Monterey Counties, from south of Salinas Road to south of Larkin Valley Road Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), repairing guardrail, improve gate access and relocate irrigation	1C980 2018-19	R/W: \$5 Const: \$2,900	PA&ED: \$652 PS&E: \$1,097 R/W Sup: \$49 Con Sup: \$1,225	Prior Prior	PA&ED: 11/1/2017 R/W Cert: 12/31/2018 RTL: 3/26/2019 Begin Con: 11/21/2019
	equipment.		Subtotal: \$2,905 Total Project Cost:	\$3,023 \$5,928		
Carryover			Program Code Performance Measu	201.235 Maintenar	nce Access	vements/ Freeway
MANDATES						
05-Santa Cruz-9 0.1/7.5 2569 0514000075	In and near the city of Santa Cruz, from Route 1 to north of Fall Creek Drive. Stormwater improvements.	1F920 2019-20	R/W: \$86 Const: \$2,024	PA&ED: \$745 PS&E: \$1,192 R/W Sup: \$1,287 Con Sup: \$812	Prior Prior	PA&ED: 10/4/2017 R/W Cert: 4/27/2020 RTL: 5/4/2020 Begin Con: 10/30/2020
			Subtotal: \$2,110 Total Project Cost:	\$4,036 \$6,146		
Carryover			Program Code Performance Measu	201.335 Storm Wa	•	





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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY	Miles	tones
05-Santa Cruz-9 8.5/25.5 2627 0516000005	Near Ben Lomond, from Holiday Lane to 4.7 miles north of the northern junction of Routes 236/9. Replace failed culverts systems and construct energy dissipaters.	1G950 2021-22	R/W: Const:	\$271 \$5,361	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,445 \$2,377 \$1,078 \$2,025	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/3/2020 3/1/2022 3/29/2022 9/7/2022
			Subtotal: Total Proje	\$5,632 ect Cost:		\$6,925 \$12,557			
New			Program C				er Mitigatio		
05-Santa Cruz-17 0.7/1.4 1989Y 0514000145	In Santa Cruz, from 0.7 mile north of Route 1/17 Separation to Beulah Park Undercrossing. Landscape mitigation for EA 05-0Q600.	0Q601 2018-19	R/W: Const:	\$507	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$18 \$537	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/28/2014 4/5/2019 6/5/2019 1/22/2020
			Subtotal: Total Proje	\$507 ect Cost:		\$1,055 \$1,562			
Carryover			Program C		201.335 S re 10 A		er Mitigatio		
05-Santa Cruz-Var 2590 0514000118	In Santa Cruz County, on Routes 1, 9, 17, 129, and 152 at various locations. Install Accessible Pedestrian Signals (APS).	1G160 2018-19	R/W: Const:	\$11 \$1,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$272 \$883 \$20 \$486	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2017 11/8/2018 1/11/2019 7/15/2019
			Subtotal: Total Proje	\$1,711 ect Cost:		\$1,661 \$3,372			
Carryover			Program C			Americans Curb ramp(ilities Act New	Curb Ramps
05-Santa Cruz-152 1.9/R2.0 2530 0514000039	Near Watsonville, from 0.1 mile east of Beverly Drive to Holohan Road/College Road. Construct pedestrian bridge next to the Corralitos Creek Bridge, concrete barrier, retaining wall, curb, gutter and sidewalk to mee	2021-22	R/W: Const:	\$247 \$3,205	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,621 \$2,430 \$376 \$1,776	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2020 4/1/2022 5/2/2022 10/22/2022
	Americans with Disabilities Act (ADA) Standards.	·	Subtotal: Total Proje	\$3,452 ect Cost:		\$6,203 \$9,655			
M.c.··			Program C			americans		ilities Act New	Curb Ramps
New			r er ioi iliali	ice ivieasu	ie se	uro ramp(5)		



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
BRIDGE PRESER	VATION					
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 Const: \$11,928	PA&ED: \$2,692 PS&E: \$2,884 R/W Sup: \$888 Con Sup: \$4,158	19-20 19-20	PA&ED: 4/10/2020 R/W Cert: 9/3/2021 RTL: 10/29/2021 Begin Con: 3/4/2022
			Subtotal: \$12,588 Total Project Cost:	\$10,622 \$23,210		
Carryover			Program Code Performance Measu	201.110 Bridge Mare 2 Bridge(s)	ajor Rehabilit	ation
05-Santa Cruz-1 2585 0514000005	Near the city of Santa Cruz, on Routes 1 and 17 at various locations. Bridge rail replacement and upgrades.	1F520 2018-19	R/W: Const: \$4,167	PA&ED: PS&E: \$902 R/W Sup: \$47 Con Sup: \$1,059	Prior	PA&ED: 5/2/2015 R/W Cert: 3/1/2018 RTL: 6/1/2018 Begin Con: 12/1/2018
			Subtotal: \$4,167 Total Project Cost:	\$2,008 \$6,175		
Carryover			Program Code Performance Measu	201.112 Bridge Ra	•	nt and Upgrade
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 Const: \$2,228	PA&ED: \$1,591 PS&E: \$1,370 R/W Sup: \$196 Con Sup: \$1,772	19-20 19-20	PA&ED: 12/31/2019 R/W Cert: 4/29/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
			Subtotal: \$2,774 Total Project Cost:	\$4,929 \$7,703		
Carryover			Program Code Performance Measu	201.119 Bridge Pr re 1 Bridge(s)	eventative Ma	aintenance
ROADWAY PRES	SERVATION SERVATION					
05-Santa Cruz-1 10.2/17.5 2432 0512000240	Near the city of Santa Cruz, from North Aptos Underpass to Route 9. Rehabilitate pavement.	1C850 2018-19	R/W: \$19 Const: \$14,952	PA&ED: \$606 PS&E: \$1,030 R/W Sup: \$10 Con Sup: \$1,082	Prior Prior	PA&ED: 8/22/2016 R/W Cert: 6/1/2018 RTL: 6/1/2018 Begin Con: 2/1/2019
			Subtotal: \$14,971 Total Project Cost:	\$2,728 \$17,699		
Carryover			Program Code Performance Measu	201.121 Pavement re 32.0 Lane mile		n (CAPM)



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Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	Milestones		
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 Congrete Pipe (RCP) culverts.	0J200 2021-22	R/W: Const:	\$84 \$3,570	PA&ED: PS&E: R/W Sup: Con Sup:	\$964 \$1,940 \$344 \$1,365	Prior 19-20 19-20 21-22	l .		
Remoted Concrete ripe (RCF) curvents.		Subtotal: Total Proj	\$3,654 ect Cost:		\$4,613 \$8,267				
		_			_	-	oration		
SERVATION									
Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road Construct wildlife Undercrossing. Funding for PA&ED, PS&E and R/W only. Local	1G260 I. 2019-20	R/W: * Const:	\$138	PA&ED: PS&E: R/W Sup: * Con Sup:	\$738 \$2,013 \$226	Prior 18-19 18-19	R/W Cert: RTL:	7/17/2018 8/13/2020 2/4/2021 9/20/2021	
		v		hase(s) are 1	\$2,977 \$3,115 NOT autho	orized			
		Ü					t		
Sar	ita Cruz	County	•						
		R/W: Const:	\$3,474 \$62,834	PS&E: R/W Sup:	\$21,889 \$5,197				
	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. SERVATION Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road Construct wildlife Undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.	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. SERVATION Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road. Construct wildlife Undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.	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. Subtotal: Total Proj. Program C Performan SERVATION Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road. Construct wildlife Undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components. Subtotal: Total Proj. * Const: Const. * Const. Subtotal: Total Proj. * Const. Subtotal: Total Proj. * Const. Subtotal: Total Proj. * Const. * Const.	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. Subtotal: \$3,654 Total Project Cost: Program Code Performance Measu SERVATION Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road. 2019-20 Construct wildlife Undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components. Subtotal: \$138 Total Project Cost: *Const. *Const	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. Program Code	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.	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. Program Code	Near Davenport, from 1.4 miles north of Swanton Road to 0.6 miles south of Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Corrugated Metal Pipe (CMP) culverts.	

Santa Cruz Cou	ıty		
R/W	: \$3,474	PA&ED:	\$12,900
Cons	: \$62,834	PS&E:	\$21,889
		R/W Sup:	\$5,197
		Con Sup:	\$19,605
Subtota	: \$66,308		\$59,591
Total (Capital + Suj	pport):	\$125,899

2018 SHOPP Project List Shasta



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Dist-Co-Rte Post Mile PPNO	To a star of Donas to the same	EA	G.	9.1	G		COS Allocation		
EFIS	Location/Description	Prog Year	Сар	oitai	Suppo	ort	FY	Miles	tones
02-Shasta-44 51.6/52.2 3673 0217000045	Near Viola, from 0.4 mile east to 1.1 miles east of Bridge Creek Road. Curve improvement.	2H990 2019-20	R/W: Const:	\$14 \$3,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$670 \$810 \$80 \$730	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/16/2019 12/2/2019 1/2/2020 5/5/2020
			Subtotal: Total Proje	\$3,114 ect Cost:		\$2,290 \$5,404			
Carryover			Program (201.010 S are 14 C	afety Impr Collision(s)			
02-Shasta-5 R31.0/31.7 3552 0214000027	Near Shasta Lake City, at OBrien Safety Roadside Rest Area (SRRA). Upgrade potable water system and wastewater systems.	4G580 2019-20	R/W: Const:	\$3 \$3,007	PA&ED: PS&E: R/W Sup: Con Sup:	\$400 \$1,180 \$140 \$940	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 7/1/2019 10/1/2019 3/1/2020
			Subtotal: Total Proje	\$3,010 ect Cost:		\$2,660 \$5,670			
Carryover			Program (201.235 N			ovements/ Free	way
<u>IANDATES</u>									
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: Const:	\$402 \$2,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$1,200 \$750 \$1,050	18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/30/2016 7/9/2021 8/13/2021 2/4/2022
	side walks.		Subtotal: Total Proje	\$2,802 ect Cost:		\$3,000 \$5,802			
New			Program (201.378 II		re	ilities Act Pede	strian
BRIDGE PRESEI	RVATION								
02-Shasta-5 3543 0218000047	Near Dunsmuir, at Crag View Drive Undercrossing Bridge No. 06-0095 (PM 66.8); also at Sims Road Undercrossing No. 06-0111 (PM 57.4). Replace bridges.	4G41U 2018-19	R/W: Const:	\$36 \$16,860	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,250 \$2,880 \$260 \$4,799	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2018 2/22/2019 3/26/2019 8/27/2019
			Subtotal: Total Proj e	\$16,896 ect Cost:		\$9,189 \$26,085			
			Program (or Rehabili	:	

2018 SHOPP Project List Shasta



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	EA	2		a				
Location/Description	Prog Year	Car	pital	Suppo	ort	FY	Miles	tones
Near Lakehead, at O'Brien Undercrossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs.	1H390 2020-21	R/W: Const:	\$7 \$2,215	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$600 \$40 \$580	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/5/2019 9/25/2020 10/26/2020 2/16/2021
		Subtotal: Total Proj	\$2,222 ect Cost:		\$1,470 \$3,692			
						or Rehabili	tation	
SERVATION								
In and near Anderson, from Route 273 to Sacramento River Bridge. Roadway rehabilitation, replace bridge, update signage and lighting, and add Intelligent Transportation	3H730 2018-19	R/W: Const:	\$1,221 \$33,081	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$3,000 \$220 \$6,900	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/11/2017 2/22/2019 3/26/2019 9/24/2019
System (118) elements.		Subtotal: Total Proj	\$34,302 ect Cost:		\$10,120 \$44,422			
	AV.000	Performa		ire 6.4 L	-			2/20/2012
Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade	2018-19	Const:	\$13,900	PS&E: R/W Sup:	\$2,200	18-19	R/W Cert: RTL:	11/30/2015 5/4/2018
add Intelligent Transportation System (ITS) elements. This project is combined with an existing STIP project EA 02-4C403.		Subtotal: Total Proj	\$13,900 ect Cost:		\$2,200 \$16,100			
		8					on (CAPM)	
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	1H570 2021-22	R/W: Const:	\$436 \$11,165	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,430 \$1,300 \$1,020 \$2,430	18-19 20-21 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/8/2020 3/4/2022 4/4/2022 8/30/2022
Disabilities (ADA) compilant.		Subtotal: Total Proj	\$11,601 ect Cost:		\$6,180 \$17,781			
							on (CAPM)	
	SERVATION In and near Anderson, from Route 273 to Sacramento River Bridge, update signage and lighting, and add Intelligent Transportation System (ITS) elements. In and near Anderson, from south of Riverside Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade median barrier, update signage and lighting, an add Intelligent Transportation System (ITS) elements.	Near Lakehead, at O'Brien Undercrossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs. SERVATION In and near Anderson, from Route 273 to Sacramento River Bridge. Roadway rehabilitation, replace bridge, update signage and lighting, and add Intelligent Transportation System (ITS) elements. In and near Anderson, from south of Riverside Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade median barrier, update signage and lighting, and add Intelligent Transportation System (ITS) elements. This project is combined with an existing STIP project EA 02-4C403. 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	Near Lakehead, at O'Brien Undercrossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs. Subtotal: Total Project EA 02-4C403. 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. Servation I H390	Near Lakehead, at O'Brien Undercrossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs. SERVATION In and near Anderson, from Route 273 to Sacramento River Bridge, Roadway rehabilitation, replace bridge, update signage and lighting, and add Intelligent Transportation System (ITS) elements. In and near Anderson, from south of Riverside Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade median barrier, update signage and lighting, and add Intelligent Transportation System (ITS) elements. This project is combined with an existing STIP project EA 02-4C403. 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. EAA Capital Subtotal: \$2,222 Total Project Cost: \$33,081 R/W: \$1,221 Const: \$33,081 Subtotal: \$34,302 Total Project Cost: Program Code Performance Measure Cost: \$13,900 Total Project Cost: \$13,900 Total Project Cost: \$11,601 Total Project Cost: \$11,601 Subtotal: \$11,601 Total Project Cost: \$11,601	Near Lakehead, at O'Brien Undecreossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs. SERVATION In and near Anderson, from Route 273 to Sacramento River Bridge. Roadway rehabilitation, replace bridge, pudate signage and lighting, and add Intelligent Transportation System (ITS) elements. In and near Anderson, from south of Riverside Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade median barier, update signage and lighting, and add Intelligent Transportation System (ITS) elements. Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pawment, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant. Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pawment, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant. Suptotal: S11,601 Total Project Cost: Subtotal: S13,900 Total Project Cost: Suptotal: S13,900 Total Project Cost: Subtotal: S13,900 Total Project Cost: Subtotal: S13,900 Total Project Cost: Subtotal: S13,900 Total Project Cost: Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pawment, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant.	Near Lakchead, at O'Brien Undercrossing No. 60-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and construct approach slabs.	Near Lakehead, at O'Brien Undercrossing No. 1H390 2020-21 Const. S.2.15 PS&E: 5600 19-20 Const. S.2.215 PS&E: 5600 19-20 Construct approach slabs. 2020-21 Subtotal: S.2.222 S1,470 Total Project Cost: \$3,692 SEEVATION In and near Anderson, from Route 273 to Sacramento River Bridge. Roadway rehabilitation, replace bridge, update signage and lighting, and add Intelligent Transportation System (ITS) elements. Program Code Performance Measure Subtotal: S.2.222 S1,470 Total Project Cost: S.3.692 Subtotal: S.3.3081 PS&E: S.3.000 Prior Cost: S.3.692 Subtotal: S.3.3081 PS&E: S.3.000 Prior Cost: S.3.692 Subtotal: S.3.3081 PS&E: S.3.000 Prior Cost: S.3.692 Subtotal: S.3.3081 S.3.308	Near Lakchead, at O'Brien Undercrossing No. 1H390 R/W: S7 PA&ED: S250 18-19 PA&ED: Construct approach slabs Program Code Performance Measure 1 Bridge(s) Subtotal: S3,692 SUBJOINT S3,092 SUBJOINT S4,4422 S4,4422 SUBJOINT S4,4422 SUBJOINT S4,4422 S4,4422 S4,4422 S4,4422 S4,4422 S4,4422 S4,4422 S4,4422 S4,4424 S4,4424 S4,4424 S4,4444 S4,44

2018 SHOPP Project List Shasta (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Shasta County
R/W: \$2,119 PA&ED: \$4,000
Const: \$85,728 PS&E: \$10,970
R/W Sup: \$2,510
Con Sup: \$19,629
Subtotal: \$87,847 \$37,109
Total (Capital + Support): \$124,956

2018 SHOPP Project List Sierra



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY		tones
OLLISION REI	<u>DUCTION</u>								
03-Sierra-49 0.0/15.9 7778 0314000231	In Sierra, and El Dorado counties on Routes 49, 89 and 193 at various locations. Upgrade guard rail to current standards.	4F630 2018-19	R/W: Const:	\$60 \$1,410	PA&ED: PS&E: R/W Sup: Con Sup:	\$85 \$605 \$10 \$590	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/25/2017 8/1/2018 9/1/2018 3/1/2019
			Subtotal:	\$1,470		\$1,290			
			Total Proj	ect Cost:		\$2,760			
Carryover			Program (Performan			Collision Sollision(s)	everity Red) reduced	luction	
OADWAY PRE	SERVATION								
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	2H010 2021-22	R/W: Const:	\$80 \$5,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$370 \$860 \$210 \$900	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 10/1/2021 10/15/2021 4/1/2022
	gutter.		Subtotal: Total Proj	\$5,180 ect Cost:		\$2,340 \$7,520			
New			Program (Performan			coadway P	rotective B	etterments	
		Sierra	County	7					
			R/W: Const:	\$140 \$6,510	PA&ED: PS&E: R/W Sup:	\$455 \$1,465 \$220			
					Con Sup:	\$1,490			
			Subtotal:	\$6,650	Con Sup:	\$1,490 \$3,630			

2018 SHOPP Project List Siskiyou



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Dist-Co-Rte Post Mile PPNO		EA	~		~		COS Allocation		
EFIS	Location/Description	Prog Year	Сар	ital	Suppo	ort	FY	Miles	stones
COLLISION REI	<u>DUCTION</u>							_	
02-Siskiyou-5 0.0/R69.2 3507	In and near various cities, at various locations, from Shasta County line to Oregon State line (PM R69.293). Enhance traffic safety by	4F520 2021-22	R/W: Const:	\$95 \$3,540	PA&ED: PS&E: R/W Sup:	\$1,000 \$1,000 \$200	18-19 20-21 20-21	PA&ED: R/W Cert: RTL:	
0213000002	improving the roadside clear recovery zone.		-		Con Sup:	\$1,250	21-22	Begin Con:	12/14/2021
			Subtotal: Total Proje	\$3,635 ect Cost:		\$3,450 \$7,085			
New			Program C			Collision Socialision(s)	everity Red	luction	
02-Siskiyou-5	Near Weed, from 0.2 mile south to 0.3 mile	2H130	R/W:	\$11	PA&ED:	\$260	18-19	PA&ED:	10/16/2019
R25.4/R25.9	north of Weed Airport Safety Roadside Rest	2020-21	Const:	\$1,663	PS&E:	\$770	19-20	R/W Cert:	8/12/2020
3657	Area (SRRA). Upgrade wastewater and water systems.				R/W Sup:	\$30	19-20	RTL:	9/16/2020
0216000114	systems.				Con Sup:	\$680	20-21	Begin Con:	4/14/2021
			Subtotal:	\$1,674		\$1,740			
			Total Proje	ect Cost:		\$3,414			
New BRIDGE PRESE 02-Siskiyou-3 38.0/38.6 3546	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	4G440 2020-21	R/W: Const:	\$237 \$3,920	PA&ED: PS&E: R/W Sup:	\$1,340 \$700 \$80	Prior 19-20 19-20	PA&ED: R/W Cert: RTL:	9/6/2019 7/31/2020 8/28/2020
0214000013	replacement.				Con Sup:	\$1,540	20-21	Begin Con:	2/26/2021
			Subtotal: Total Proje	\$4,157 ect Cost:		\$3,660 \$7,817			
New			Program C			sridge Maj sridge(s)	or Rehabili	tation	
02-Siskiyou-5	In Dunsmuir, from Central Dunsmuir	1H480	R/W:	\$269	PA&ED:	\$1,440	Prior	PA&ED:	4/15/2020
2.5/3.0	Undercrossing to 0.1 mile north of Siskiyou	2021-22	Const:	\$14,350	PS&E:	\$2,660	19-20	R/W Cert:	12/15/2021
3614 0216000019	Avenue at Sacramento River Bridge and Overhead No. 02-0002. Replace southbound				R/W Sup: Con Sup:	\$450 \$3,480	19-20 21-22	RTL: Begin Con:	1/21/2022 9/20/2022
021000001)	bridge deck.			***	Con Sup.		21-22	Dog.ii com	7/20/2022
			Subtotal: Total Proje	\$14,619 ect Cost:		\$8,030 \$22,649			
			oj.			, ,			
			Program C	Code	201.110 B	ridge Maj	or Rehabili	tation	

2018 SHOPP Project List Siskiyou



		(3	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Capita	al	Suppo	ort	FY	Miles	tones
02-Siskiyou-5 R8.3 3631 0216000042	Near Mt. Shasta, at Azalea Road Overcrossing No. 02-0126. Rehabilitate bridge.	1H400 2020-21	R/W: Const:	\$7 \$1,851	PA&ED: PS&E: R/W Sup: Con Sup:	\$320 \$750 \$40 \$710	18-19 19-20 19-20 20-21		10/7/2019 9/25/2020 10/26/2020 4/10/2021
			Subtotal: Total Project	\$1,858 Cost:		\$1,820 \$3,678			
New			Program Coo		201.110 B re 1 B	Bridge Maj Bridge(s)	or Rehabili	itation	
02-Siskiyou-5 3696 0218000003	In and near Yreka at Louie Road Overcrossing (OC) No. 02-0137 (PM R31.2), Moonlit Oaks Avenue Undercrossing (UC) No. 02-0159R&L (PM R45.6), Miner Street UC No. 02-0158R&L (PM R47.6), and North Yreka Separation No. 02-0150R&L (PM R48.2); also in Redding, Shasta County, at N273-N5 Connector OC No. 06	2	Subtotal: \$	28,349	PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$10,900	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 6/19/2020 7/21/2020 12/22/2020
Carryover	 -0137G (PM R18.5). Establish standard vertical clearance and improve to standard truck capacity. ACCELERATED BRIDGE (PA&ED Only) 		* Const, * R/V Program Coo Performance	W, * PSc	201.322 T	1	11	(s) are NOT au	
ROADWAY PRES	SERVATION								
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 to 49.41). Reconstruct pavement structural section, replace sidewalk, driveways,	1H520 2021-22		\$1,482 52,950	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,830 \$2,200 \$5,880 \$9,650	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/4/2019 3/4/2022 3/21/2022 9/27/2022
	curb ramps and pedestrian signals to meet current Americans with Disabilities Act (ADA) Standards, designate bikeways with new signage and pavement delineation.		Subtotal: \$ Total Project	54,432 Cost:		\$19,560 \$73,992			
New			Program Coo Performance		201.120 R re 13.0 L	toadway R ane mile(s		on (3R)	
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. (G13 Contingency)	3H320 2021-22	R/W: * Const: \$1	,	PA&ED: PS&E: R/W Sup: * Con Sup:	\$1,620 \$5,090 \$80 \$12,860	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/2/2020 10/4/2021 3/10/2022 9/27/2022
	(C.S. Commigue)		Subtotal: \$1 Total Project * Construction	Cost:	5	\$19,650 \$135,825 astruction S	Support ph	ase are NOT a	uthorized
Carryover			Program Coo		201.122 R	Loadway R	ehabilitatio	on (2R)	

2018 SHOPP Project List Siskiyou



		(3	1,000)					- 4	altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY		tones
02-Siskiyou-96 23.0/103.4 3601 0215000105	Near Happy Camp, from 0.3 miles west of Swillup Creek Bridge to Route 263. Drainage system restoration.	1H090 2019-20	R/W: Const:	\$200 \$2,070	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,040 \$730 \$530 \$1,060	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/29/201 2/17/202 3/2/202 9/1/202
			Subtotal: Total Proj	\$2,270 ect Cost:		\$3,360 \$5,630			
Carryover			Program (Prainage Stulvert(s) (ystem Resto	oration	
OBILITY									
02-Siskiyou-5 3556 0214000030	In Siskiyou and Shasta Counties, on Routes 5 and 89 at various locations. Upgrade Transportation Management System (TMS) field elements.	4G630 2018-19	R/W: Const:	\$196 \$3,600 \$3,796	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$710 \$140 \$720 \$1,960	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/201 1/22/201 1/28/201 8/6/201
			Total Proj			\$5,756			
Carryover			Program (ransportat	_	ement Systems	;
		Siskiyou	County	7					
			R/W: Const:	\$2,781 \$228,184	PA&ED: PS&E: R/W Sup: Con Sup:	\$16,430 \$7,520			
			Subtotal: Total (Cap	\$230,965 ital + Sup	port):	\$74,130 6305,095			



		(4)	1,000)					- 4	arrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	n Miles	tones
MAJOR DAMAG	E RESTORATION								
04-Solano-680 R1.9/R2.0 1498M 0415000246	In Benicia, from north of Industrial Way to south of Lake Herman Road. Repair slipouts and stabilize slope.	4J040 2019-20	R/W: Const:	\$38 \$1,040	PA&ED: PS&E: R/W Sup: Con Sup:	\$560 \$514 \$22 \$521	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/31/2018 11/20/2019 2/28/2020 9/28/2020
			Subtotal: Total Proje	\$1,078 ect Cost:		\$1,617 \$2,695			
Carryover			Program C			ermanent	Restoration	1	
BRIDGE PRESEI	DVATION								
04-Solano-84 12.0/12.4 0886 0400000343	Near Rio Vista, at Miner Slough Bridge No. 23 -0035. Replace bridge.	0G660 2019-20	R/W: Const:	\$2,884 \$24,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,000 \$3,500 \$1,098 \$3,500	Prior Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje	\$27,384 ect Cost:		\$11,098 \$38,482			
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabili	itation	
04-Solano-80 14.6 0487R 0416000153	Near Fairfield, at Suisun Creek Bridge No. 23 -0007. Scour mitigation.	4G872 2019-20	R/W: Const:	\$5 \$760	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$600 \$20 \$600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2018 4/1/2020 4/1/2020 10/1/2020
			Subtotal: Total Proje	\$765 ect Cost:		\$2,420 \$3,185		•	
Carryover			Program C			Bridge Sco	ur Mitigatio	on	
04-Solano-80 1.1/34.5 0480N 0414000017	In and near Vallejo, Dixon and Vacaville, at Route 80/29 Separation Bridge No. 23-0087, McCune Creek Bridge No. 23-0084L/R and Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0J600 2019-20	R/W: Const:	\$423 \$1,379	PA&ED: PS&E: R/W Sup: Con Sup:	\$990 \$880 \$66 \$880	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/31/2018 2/28/2020 5/31/2020 11/2/2020
	provenauve maniemance.		Subtotal: Total Proje	\$1,802 ect Cost:		\$2,816 \$4,618			
			Program (-	ventative M	Iaintenance	
Carryover			Performan	ce Measu	re 4 E	Bridge(s)			



		(v	1,000)					u	arans"
Dist-Co-Rte							COS		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Сар	oital	Supp	ort	FY	Miles	tones
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).		R/W: Const:	\$350 \$12,630	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,080 \$260	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 5/1/2022 6/1/2022 12/1/2022
			Subtotal: Total Proj	\$12,980 ect Cost:		\$6,500 \$19,480			
New			Program (Bridge Prev Bridge(s)	ventative M	Saintenance	
04-Solano-80 1.1 1452F 0417000031	In Vallejo, at Route 80/29 Separation Bridge No. 23-0087. Replace bridge. ACCELERATED BRIDGE (PA&ED Only)	2K840 2019-20	* R/W: * Const: Subtotal: Total Proj	\$11,937	PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$2,057 \$2,624 \$22 \$2,416 \$7,119 \$19,056	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 5/4/2020 6/8/2020 1/15/2021
Carryover 04-Solano-80	In Vallejo, from Magazine Street Overcrossing No. 23-0066 to Redwood Street Overcrossing No. 23-0114. Increase vertical clearance at six overcrossing structures.	0J710 2018-19	Program (Performan R/W: Const:	Code	201.322 7	Frans Perm Bridge(s) \$1,870 \$2,154 \$154		nents for Bridg PA&ED: R/W Cert: RTL: Begin Con:	
041400002)	ACCELERATED BRIDGE		Subtotal: Total Proj	\$15,961 ect Cost:	Con Sup.	\$6,037 \$21,998	10-17	245.11 Com	0/1/2020
Carryover			Program (rans Perm Bridge(s)	it Requirer	ments for Bridg	es
ROADWAY PRE	<u>SERVATION</u>								
04-Solano-12 20.6/26.4 0480P 0414000020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation. (G13 Contingency)	0J630 2021-22	R/W: * Const:	\$2,983 \$73,200	PA&ED: PS&E: R/W Sup: * Con Sup:	\$5,780 \$2,890	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 2/1/2022 2/1/2022 8/1/2022
			Subtotal: Total Proj * Construc			\$26,010 \$102,193 astruction S	Support ph	ase are NOT at	uthorized
New			Program (Roadway R	ehabilitations)	on (3R)	

2018 SHOPP Project List Solano (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA

Location/Description
Prog Year

COS
Allocation

EA
Support
FY
Milestones

Solano County
R/W: \$6,708 PA&ED: \$17,537
Const: \$141,382 PS&E: \$18,132
R/W Sup: \$4,532
Con Sup: \$23,416
Subtotal: \$148,090 \$63,617
Total (Capital + Support): \$211,707





		(2)	1,000)					- 4	altrans"
Dist-Co-Rte Post Mile PPNO EFIS	Leading/Decodeding	EA	G.	-:4-1	S		COS Allocation FY	ı Miles	4
EMS	Location/Description	Prog Year	Ca	pital	Supp	ort	ΓÏ	lvilles	tones
04-Sonoma-1 26.7/27.0 0482T 0413000433	SE RESTORATION Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slipouts.	0J300 2020-21	R/W: Const:	\$215 \$13,856	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,106 \$2,496 \$208 \$2,288	18-19 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/15/2019 9/15/2020 12/15/2020 8/15/2021
			Subtotal: Total Pro			\$7,098 \$21,169			
New			Program Performa	Code nce Measu		Permanent Location(s)	Restoration	1	
04-Sonoma-101 9.0 0481B 0413000408	Near Petaluma, north of Pepper Road. Repair slide and drainage system.	0J100 2018-19	R/W: Const:	\$850 \$1,324	PA&ED: PS&E: R/W Sup: Con Sup:	\$423 \$850 \$150 \$850	Prior 18-19 Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 12/13/2018 3/15/2019 8/30/2019
			Subtotal: Total Pro	\$2,174 ject Cost:		\$2,273 \$4,447			
Carryover			Program Performa	Code nce Measu		Permanent Location(s)	Restoration	1	
COLLISION REI	DUCTION								
04-Sonoma-121 3.4/6.5 0738 0400020007	Near Schellville, from north of Tolay Creek Bridge to south of Yellow Creek Bridge. Wider for standard shoulders, upgrade curves to standard, and install rumble strips.	0G680 n 2019-20	R/W: Const:	\$6,264 \$25,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,500 \$3,750 \$1,800 \$4,200	Prior 18-19 Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2018 6/1/2020 6/15/2020 12/1/2020
			Subtotal:	\$31,264 ject Cost:		\$12,250 \$43,514			
Carryover			Program Performa	Code nce Measu	201.010 S	Safety Impr			
04-Sonoma-12 1492G 0416000045	In Sonoma County, on Routes 12 and 116 at various locations; also in Marine County, on Routes 1 and 131 at various locations; and in Napa County on Routes 29 and 121 at various	0K130 2021-22	R/W: Const:	\$36 \$2,777	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$960 \$70 \$850	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 9/1/2021 1/2/2022 6/1/2022
	locations. Install hybrid beacons, stop and yield lines, crosswalks and bulbouts, and upgrade curb ramps to enhance pedestrian safety.	ı	Subtotal: Total Pro	\$2,813 ject Cost:		\$2,680 \$5,493			
New			Program Performa	Code nce Measu		Collision Se	everity Red reduced	luction	



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** R/W: PA&ED: 10/31/2017 In various cities on Routes 12, 101, and 116 at 0J680 \$10 PA&ED: \$308 04-Sonoma-12 Prior various locations; also in Marin County on 9.5/31.3 2018-19 Const: \$2,190 PS&E: \$550 Prior R/W Cert: 3/20/2019 Route 101 at various locations. Highway worker 0480E R/W Sup: 5/1/2019 \$44 Prior RTL: safety improvements. 0414000025 Begin Con: 12/10/2019 Con Sup: \$550 18-19 \$2,200 \$1,452 Subtotal: **Total Project Cost:** \$3,652 Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Carryover Performance Measure 27 Location(s) **MANDATES** PA&ED: PA&ED: 9/30/2018 04-Sonoma-116 Near Monte Rio and Cloverdale, on Routes 116 R/W: \$370 \$685 Prior and 128; also in Marin County, on Route 101, at 2019-20 8.5/10.5 \$2,816 18-19 R/W Cert: 11/30/2019 Const: PS&E: \$670 0.4 mile north of Sir Francis Drake Boulevard 1487F R/W Sup: \$80 Prior RTL: 12/1/2019 (PM 9.25). Stabilized soil and erosion control 0415000085 Con Sup: \$655 19-20 Begin Con: 5/15/2020 to mitigate for storm water quality. \$2,090 \$3,186 Subtotal: \$5,276 **Total Project Cost:** 201.335 Storm Water Mitigation **Program Code** Performance Measure 12.1 Acre(s) treated/pollutant Carryover Near Guerneville, from Brookside Lane to River R/W: PA&ED: 18-19 4/1/2020 04-Sonoma-116 4J460 \$68 \$300 PA&ED: Road. Upgrade curb ramps and sidewalk, and 11.8/R12.2 2021-22 \$2,990 PS&E: \$850 19-20 R/W Cert: 1/20/2022 Const: install Accessible Pedestrian Signals (APS) 1491B R/W Sup: \$225 19-20 RTL: 5/2/2022 pushbuttons to make facilities compliant with 0415000351 Con Sup: \$850 21-22 Begin Con: 11/11/2022 the Americans with Disabilities Act (ADA) Standards. Subtotal: \$3,058 \$2,225 \$5,283 **Total Project Cost: Program Code** 201.361 Americans with Disabilities Act New Curb Ramps **Performance Measure** 18 Curb ramp(s) New BRIDGE PRESERVATION 04-Sonoma-12 In and near Sonoma, at Sonoma Creek Bridge 4H050 R/W: \$150 PA&ED: \$1.519 Prior PA&ED: 6/1/2018 No. 20-0027 and Hooker Creek Bridge No. 20 25.8/33.3 2019-20 \$9,000 PS&E: \$2,650 Prior R/W Cert: 12/16/2019 Const: -0030. Scour mitigation. 0269M R/W Sup: \$500 Prior RTL: 2/7/2020 Begin Con: 0413000080 19-20 12/1/2020 Con Sup: \$2,000 \$9,150 \$6,669 Subtotal: **Total Project Cost:** \$15,819 201.111 Bridge Scour Mitigation **Program Code**

Performance Measure

2 Bridge(s)

Carryover



		(4)	1,000)					- 4	artrans"
Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	oital	Suppo		FY	Miles	tones
04-Sonoma-101 16.5/19.0 1451A 0416000394	In and near Santa Rosa, at Todd Road Overcrossing (OC) No. 20-0172 (PM 16.54) and Baker Avenue OC No. 20-0173 (PM 19.00); also in Marin County near Navato, at Miller Creek Road OC No. 27-0082 (PM 15.57).	2K240 2021-22	R/W: Const:	\$116 \$4,343	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$780 \$130 \$988	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 8/1/2021 9/1/2021 3/1/2021
	Upgrade bridge rails.		Subtotal: Total Proj	\$4,459 ect Cost:		\$2,548 \$7,007			
New			Program (201.112 B re 1395.0 L	-	Replacem	ent and Upgrad	e
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: Const:	\$160 \$997	PA&ED: PS&E: R/W Sup: Con Sup:	\$982 \$416 \$24 \$468	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 12/1/2021 12/1/2021 6/1/2022
			Subtotal: Total Proj	\$1,157 ect Cost:		\$1,890 \$3,047			
Carryover			Program (ridge Prev	entative M	Saintenance (
ROADWAY PRES 04-Sonoma-12 11.0/T17.4	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade	0K520 2021-22	R/W: Const:	\$280 \$27,681	PA&ED: PS&E:	\$2,084 \$2,900	18-19 19-20	PA&ED: R/W Cert:	4/1/2020 11/1/2021
1493M 0416000098	guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant.			***	R/W Sup: Con Sup:	\$66 \$3,350	19-20 21-22	RTL: Begin Con:	12/1/2021 5/2/2022
			Subtotal: Total Proj	\$27,961 ect Cost:		\$8,400 \$36,361			
New			Program (avement R ane mile(s		on (CAPM)	
04-Sonoma-12 35.1/38.9 0488K 0414000202	In and near Sonoma, from Vallejo Avenue to east of Leveroni Road/Napa Road. Pavement rehabilitation.	1J360 2019-20	R/W: Const:	\$5 \$6,208	PA&ED: PS&E: R/W Sup: Con Sup:	\$808 \$870 \$62 \$746	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2018 1/2/2020 2/1/2020 7/30/2020
			Subtotal: Total Proj	\$6,213 ect Cost:		\$2,486 \$8,699		•	
Carryover			Program (avement R ane mile(s		on (CAPM)	



		(D)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO		EA				F	COS Allocation		
EFIS	Location/Description	Prog Year	Сар	ital	Supp	ort	FY	Miles	tones
04-Sonoma-101 29.3/R54.3 1482F 0414000476	In and near Windsor, Healdsburg, and Cloverdale, from Old Redwood Highway to 2.0 miles south of Mendocino County line. Roadway rehabilitation.	0J642 2018-19	R/W: Const:	\$890 \$68,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$6,799 \$170	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2018 6/20/2019 6/28/2019 11/1/2019
			Subtotal: Total Proj	\$69,090 ect Cost:		\$19,718 \$88,808			
Carryover			Program (Roadway R	ehabilitatio	on (2R)	
04-Sonoma-1	Near Jenner, from south of Fort Ross Road to	1K730	R/W:	\$321	PA&ED:	\$744	Prior	PA&ED	10/15/2020
30.8/40.6	north of Moon Rock Campground at various	2021-22	Const:	\$4,256	PS&E:	\$1,369	20-21	R/W Cert:	6/15/2022
1453J	locations. Rehabilitate drainage culverts.				R/W Sup:	\$429	20-21	RTL:	6/1/2022
0416000307					Con Sup:	\$1,385	21-22	Begin Con:	1/1/2023
			Subtotal:	\$4,577		\$3,927			
			Total Proj	ect Cost:		\$8,504			
C			Program (Orainage Sy Culvert(s) (ystem Rest	oration	
Carryover			reriorinai	ice Measu	re 22 C	uiveri(s) (ea)		
04-Sonoma-1	Near Gualala, from north of Moon Rock	1K750	R/W:	\$382	PA&ED:	\$1,050	Prior		10/15/2020
41.5/54.6 1462M	Campground to 0.1 mile north of Vantage Road Rehabilitate drainage culverts.	2021-22	Const:	\$4,761	PS&E: R/W Sup:	\$1,571 \$286	20-21 20-21	R/W Cert: RTL:	6/15/2022 6/15/2022
0416000309					Con Sup:	\$1,040	21-22	Begin Con:	1/16/2023
			Subtotal:	\$5,143		\$3,947			
			Total Proj	ect Cost:		\$9,090			
			Program (odo.	201 151 F	rainaga Sv	ystem Rest	oration	
Carryover			Performan			Culvert(s) (oration	
OBILITY									
04-Sonoma-37	Near Vallejo, at east of Route 121. Replace	1A210	R/W:	\$10	PA&ED:	\$506	Prior	PA&ED:	4/1/2018
2.6	Weigh-in-Motion (WIM) systems.	2018-19	Const:	\$2,280	PS&E:	\$592	Prior	R/W Cert:	5/1/2019
0763L					R/W Sup:	\$20	Prior	RTL: Begin Con:	6/15/2019
0414000487					Con Sup:	\$554	18-19	Begin Con.	9/1/2019
			Subtotal:	\$2,290		\$1,672			
			Total Proj	ect Cost:		\$3,962			
			Program (ode.	201.321 V	Veigh Stati	ons		

2018 SHOPP Project List Sonoma (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Sonoma County
R/W: \$10,127 PA&ED: \$20,614
Const: \$178,679 PS&E: \$28,073
R/W Sup: \$4,264
Con Sup: \$28,374
Subtotal: \$188,806 \$81,325
Total (Capital + Support): \$270,131

2018 SHOPP Project List Stanislaus



		(+	1,000)					-	wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı Miles	tones
COLLISION RED	UCTION								
10-Stanislaus-5 27.0/27.5 3009 1012000021	Near Westley, at the Westley Safety Roadside Rest Area (SRRA). Upgrade water and wastewater systems.	0W630 2018-19	R/W: Const:	\$5 \$4,001	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$904 \$6 \$806	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2015 7/2/2018 8/1/2018 3/1/2019
			Subtotal: Total Proj	\$4,006 ect Cost:		\$1,976 \$5,982			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
10-Stanislaus-99 R1.1/R7.3 3143 1013000249	In and near Turlock, from north of Golf Road to north of Taylor Road. Highway worker safety improvements.	0X660 2018-19	R/W: Const:	\$3 \$2,093	PA&ED: PS&E: R/W Sup: Con Sup:	\$306 \$595 \$18 \$574	Prior Prior Prior 18-19		7/7/2017 10/15/2018 11/15/2018 5/2/2019
			Subtotal: Total Proj	\$2,096 ect Cost:		\$1,493 \$3,589			
Carryover			Program (201.235 N		e Access	ovements/ Free	way
10-Stanislaus-99 R13.8/R17.6 3189 1016000027	In and near Modesto, at various locations from 0.1 mile south of Modesto Undercrossing to Woodland Avenue. Pave areas behind the gore and at slopes, upgrade guardrail and place vegetative control and construct Maintenance	0X670 2019-20	R/W: Const:	\$8 \$3,692	PA&ED: PS&E: R/W Sup: Con Sup:	\$330 \$1,232 \$0 \$673	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2019 9/15/2019 10/1/2019 4/15/2020
	Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	e	Subtotal: Total Proj	\$3,700 ect Cost:		\$2,235 \$5,935			
New			Program (201.235 N		e Access	ovements/ Free	way
MANDATES									
10-Stanislaus-99 R16.5/R16.7 3125 1015000115	In Modesto, from 0.1 mile south of Kansas Avenue and 0.4 mile north of Route 132 Separation; also on adopted Route 132 alignment right-of-way, from 0.2 mile west of Emerald Avenue and 0.3 mile east of Emerald	1E700 2018-19	R/W: Const:	\$27 \$2,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$813 \$916 \$18 \$900	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/15/2018 10/1/2018 11/1/2018 3/1/2019
	Avenue (PM 13.7/14.3). Hazardous waste mitigation.		Subtotal: Total Proj	\$2,427 ect Cost:		\$2,647 \$5,074			
Carryover			Program (azardous ocation(s)	Waste Miti	gation	

2018 SHOPP Project List Stanislaus



								- 4	
Dist- Co-Rte Post Mile PPNO		EA				F	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
10-Stanislaus-108 3010B 1017000155	Near Riverbank, at 2nd Street and 4th Street. Upgrade curb ramps, sidewalk and crosswalks.	0W902 2018-19	R/W: Const:	\$87 \$310	PA&ED: PS&E: R/W Sup: Con Sup:	\$715 \$180 \$200 \$1,095	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/31/2019 6/14/2019 1/31/2020
			Total Proje			\$1,492			
Carryover			Program C			mericans		ilities Act New	Curb Ramp
10-Stanislaus-132	In Waterford, from Reinway Avenue to F Street	1G420	R/W:	\$84	PA&ED:	\$683	18-19	PA&ED:	5/29/2019
27.2/28.0 3241 1017000013	Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA Standards.	2021-22	Const:	\$2,000	PS&E: R/W Sup: Con Sup:	\$1,337 \$723 \$718	18-19 18-19 21-22	R/W Cert: RTL: Begin Con:	8/2/2021 9/1/2021 3/18/2022
			Subtotal: Total Proje	\$2,084 ect Cost:		\$3,461 \$5,545		1	
			Program C	(.a.	201.261.4	m ariaana	with Disab	ilities Act New	Cook Down
New			Performan			Surb ramp(inties Act ivew	Curb Kamp
	SERVATION		_					mics Act New	Curo Kam
New OADWAY PRES 10-Stanislaus-108 33.2 5411 1012000193	SERVATION In and near Riverbank, at 8th Street. Repair slope with retaining wall.	0H480 2018-19	_					PA&ED: R/W Cert: RTL: Begin Con:	6/30/2015 2/28/2019 4/17/2019
OADWAY PRES 10-Stanislaus-108 33.2 5411	In and near Riverbank, at 8th Street. Repair		Performan R/W:	\$52 \$1,824	PA&ED: PS&E: R/W Sup:	\$1,439 \$98	Prior Prior	PA&ED: R/W Cert: RTL:	6/30/2015 2/28/2019 4/17/2019
OADWAY PRES 10-Stanislaus-108 33.2 5411	In and near Riverbank, at 8th Street. Repair		R/W: Const:	\$52 \$1,824 \$1,876 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,439 \$98 \$631 \$2,168 \$4,044	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2015 2/28/2019 4/17/2019
OADWAY PRES 10-Stanislaus-108 33.2 5411 1012000193	In and near Riverbank, at 8th Street. Repair slope with retaining wall. 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		R/W: Const: Subtotal: Total Project	\$52 \$1,824 \$1,876 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,439 \$98 \$631 \$2,168 \$4,044 coadway Procation(s) \$278 \$1,142 \$93	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2015 2/28/2019 4/17/2019
OADWAY PRES 10-Stanislaus-108	In and near Riverbank, at 8th Street. Repair slope with retaining wall. In and near Ceres and Modesto, at various locations from Mitchell Road to Kansas Avenue; also in Merced County, on Route 59	2018-19 1E620	R/W: Const: Subtotal: Total Project Program C Performan R/W:	\$52 \$1,824 \$1,876 \$cct Cost: \$13 \$6,440	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 R re 2 L PA&ED: PS&E: R/W Sup:	\$1,439 \$98 \$631 \$2,168 \$4,044 coadway Procation(s) \$278 \$1,142 \$93	Prior Prior 18-19 18-19 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	6/30/2015 2/28/2019 4/17/2019 10/30/2019 6/29/2019 8/10/2020 9/9/2020
OADWAY PRES 10-Stanislaus-108	In and near Riverbank, at 8th Street. Repair slope with retaining wall. 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	2018-19 1E620	R/W: Const: Subtotal: Total Project Program C Performan R/W: Const:	\$52 \$1,824 \$1,876 eet Cost: Gode \$6,453 \$6,440 \$6,453 eet Cost:	PA&ED: PS&E: R/W Sup: Con Sup: 201.150 R re 2 L PA&ED: PS&E: R/W Sup: Con Sup:	\$1,439 \$98 \$631 \$2,168 \$4,044 \$0ocation(s) \$278 \$1,142 \$93 \$1,991 \$3,504 \$9,957	Prior Prior 18-19 18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL: Begin Con:	6/30/2015 2/28/2019 4/17/2019 10/30/2019 6/29/2019 8/10/2020 9/9/2020

2018 SHOPP Project List Stanislaus

(\$1,000)



		(\$)	1,000)						altrans"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY	ı Miles	tones
MOBILITY									
10-Stanislaus-99 R13.4/R13.8 0037 1015000003	Near Ceres and Modesto, in the northbound direction from Hatch Road onramp to S. 9th Street offramp. Construct auxiliary lane.	0L870 2019-20	R/W: Const:	\$1,259 \$3,750	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,110 \$1,427 \$141 \$1,012	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2018 5/1/2020 6/1/2020 11/16/2020
			Subtotal: Total Proj	\$5,009 ect Cost:		\$3,690 \$8,699			
			Program (-	Improvem		.
Carryover			Performan	ice Measu	re 110 L	Daily vehic	le hour(s) o	of delay (DVHI))
10-Stanislaus-99 3286 1018000083	In San Joaquin, Merced, Stanislaus, and Sacramento Counties, at various routes and locations. Upgrade TTI System.	1G440 2019-20	R/W: Const:	\$6 \$1,619	PA&ED: PS&E: R/W Sup: Con Sup:	\$163 \$377 \$4 \$401	18-19 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 1/28/2020 4/7/2020 8/17/2020
			Subtotal: Total Proj	\$1,625 ect Cost:		\$945 \$2,570			
			Program (-	_	ement Systems	
New			Performan	ice Measu	re 161 F	ield eleme	ent(s)		
	S	Stanislaus	County	,					
			R/W:	\$1,544	PA&ED:	\$3,943			
			Const:	\$28,129	PS&E:	\$10,084			
					R/W Sup:	,			
					Con Sup:	\$7,906			

Subtotal: \$29,673

Total (Capital + Support):

\$23,214

\$52,887

2018 SHOPP Project List Sutter





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı Milest	ones
COLLICION DE	DUCTION								
03-Sutter-99 40.0/40.5 8381 0317000083	In Live Oak, at Elm Street and Pennington Road. Intersection safety improvements.	2H230 2019-20	R/W: Const:	\$100 \$3,800 \$3,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$630 \$620 \$660 \$2,410	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2017 9/1/2019 9/1/2019 3/1/2020
			Total Proj	ect Cost:		\$6,310			
Carryover			Program (201.010 Sare 51 C	afety Impr			
ROADWAY PRE	ESERVATION								
03-Sutter-99 39.4/41.0 8378 0316000061	In Live Oak, from 0.1 mile north of Coleman Avenue to 0.2 mile north of Ramsdell Drive. Roadway rehabilitation.	1H150 2019-20	R/W: Const:	\$18,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$20 \$380 \$50 \$1,500	Prior 19-20 Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 9/1/2019 9/1/2019 3/1/2020
			Subtotal: Total Proje	\$18,100 ect Cost:		\$1,950 \$20,050			
Carryover			Program (Performan		201.120 R are 4.8 L	oadway R ane mile(s		on (3R)	
ROADSIDE PRE	SERVATION								
03-Sutter-99 0.0/42.4 8380 0316000176	In Sutter, Glenn, Colusa, Yuba, Placer, Yolo, and Sacramento Counties, at various locations. Advance mitigation credit purchases for future SHOPP construction projects expected to impact sensitive species.		R/W: Const:	\$1,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$62 \$4 \$43 \$1	Prior 19-20 19-20 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 3/4/2019 3/4/2019 5/1/2019
			Subtotal: Total Proje	\$1,400 ect Cost:		\$110 \$1,510			
Carryover			Program (Performan		201.240 R	oadside En		it	
		Sutter	County	7					

Sutte	r County	Y		
	R/W:	\$1,500	PA&ED:	\$582
	Const:	\$21,900	PS&E:	\$1,014
			R/W Sup:	\$713
			Con Sup:	\$2,161
	Subtotal:	\$23,400		\$4,470
	Total (Cap	oital + Supp	oort):	\$27,870



		(+							wowo
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	Miles	tones
COLLISION REDU	CTION								
02-Tehama-36	Near Red Bluff, from 2.3 miles east to 2.8 miles east of Dry Creek Bridge. Curve improvement.		R/W: Const:	\$216 \$3,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$670 \$210 \$670	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/10/2018 7/19/2019 8/16/2019 11/29/2019
			Subtotal: Total Proje	\$3,216 ect Cost:		\$1,940 \$5,156			
Carryover			Program C		201.010 S re 20 C		rovements) reduced		
02-Tehama-36 26.6/27.6	Near Red Bluff, from west of Basler Road to east of Diamond Star Road. Curve improvement.	2H630 2019-20	R/W: Const:	\$476 \$3,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$695 \$885 \$685 \$1,200	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/20/2018 2/24/2020 3/26/2020 7/14/2020
			Subtotal: Total Proje	\$3,676 ect Cost:		\$3,465 \$7,141			
Carryover			Program (Performan		201.010 S re 16 C		rovements) reduced		
	Near Mineral, from 0.1 mile to 1.2 miles east of Route 89. Curve improvement.	1H740 2019-20	R/W: Const:	\$401 \$4,324	PA&ED: PS&E: R/W Sup: Con Sup:	\$840 \$751 \$50 \$1,240	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/2/2018 5/31/2019 7/1/2019 10/15/2019
			Subtotal: Total Proje	\$4,725 ect Cost:		\$2,881 \$7,606			
Carryover			Program (Performan		201.010 S re 24 C		rovements) reduced		
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	1H470 2020-21	R/W: Const:	\$470 \$4,530	PA&ED: PS&E: R/W Sup: Con Sup:	\$930 \$800 \$40 \$1,030	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/2/2020 2/19/2021 3/22/2021 8/17/2021
	safety.		Subtotal: Total Proje	\$5,000 ect Cost:		\$2,800 \$7,800			
V			Program (Severity Redu	uction	
New			1 61 101111811	ce ivieasu	16 30 C	OHISIOH(S) reduced		





		(5	1,000)						altrans"
Dist- Co-Rte Post Mile PPNO		EA			~		COS Allocation		
EFIS	Location/Description	Prog Year	Capit	tal	Suppo	ort	FY	Miles	tones
MANDATES 02-Tehama-99 12.0/12.6 3606 0215000126	Near Los Molinos, from Josephine Street to Los Molinos Creek Bridge. Construct curb ramps, sidewalks, lighting and drainage improvements.	1H320 2018-19	R/W: Const:	\$891 \$4,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$310 \$460 \$230 \$640	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2017 2/12/2019 3/19/2019 8/3/2019
			Subtotal: Total Project	\$5,491 et Cost:		\$1,640 \$7,131		1	
Carryover			Program Co		201.378 II		re	ilities Act Pede	estrian
BRIDGE PRESER	RVATION								
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: Const:	\$90 \$4,370	PA&ED: PS&E: R/W Sup: Con Sup:	\$850 \$1,170 \$90 \$990	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/5/2020 10/22/2021 11/24/2021 4/19/2022
			Subtotal: Total Project	\$4,460 et Cost:		\$3,100 \$7,560			
New			Program Co		201.111 B re 1 B	ridge Scor	ur Mitigatio	on	
02-Tehama-5 R25.4 3515 0213000010	In Red Bluff, at Sacramento River Bridge No. 08-0095L/R. Retrofit bridges.	4F590 2019-20	R/W: Const: S	\$56 \$22,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,592 \$1,659 \$280 \$3,962	Prior 18-19 18-19 19-20	R/W Cert:	12/25/2019
			Subtotal: Subtotal:	\$22,156 et Cost:		\$7,493 \$29,649			
Carryover			Program Co		201.113 B re 2 B	ridge Seis	mic Restor	ation	
02-Tehama-Var 3549 0214000023	In Tehama County, on Routes 5, 32, and 36 at various locations; also in Shasta County on Routes 5 and 44; also in Lassen County on Route 299 at various locations. Bridge scour prevention at nine bridges.	4G530 2019-20	R/W: Const:	\$147 \$1,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$780 \$720 \$50 \$600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/18/2019 2/28/2020 3/30/2020 8/26/2020
	1		Subtotal: Total Projec	\$1,547 et Cost:		\$2,150 \$3,697			
			Program Co					Taintenance	



		(Ψ	1,000)			wows
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
		Trug Tear	Сарітаі	Support	1.1	Minestones
02-Tehama-36 40.3/42.1 3558 0214000024	SERVATION In Red Bluff, from east of Baker Road to east of East Sand Slough Bridge. Pavement rehabilitation.	f 4G540 2019-20	R/W: \$122 Const: \$6,600) PS&E: \$6	00 Prior 50 Prior 40 Prior 20 19-20	PA&ED: 12/22/2017 R/W Cert: 7/2/2019 RTL: 8/2/2019 Begin Con: 2/19/2020
			Subtotal: \$6,722 Total Project Cost:	· · · · · · · · · · · · · · · · · · ·		
Carryover			Program Code Performance Meas	201.121 Paveme ure 10.1 Lane m		on (CAPM)
02-Tehama-36 0.0/100.0 3550 0214000025	Near Red Bluff, from Shasta County line to Route 32 at various locations. Drainage system restoration.	4G560 2019-20	R/W: \$351 Const: \$2,525	FS&E: \$6 R/W Sup: \$6 Con Sup: \$1,3	60 Prior 60 18-19 20 18-19 10 19-20	PA&ED: 7/23/2018 R/W Cert: 9/3/2019 RTL: 10/10/2019 Begin Con: 2/13/2020
			Subtotal: \$2,876 Total Project Cost:			
Carryover			Program Code Performance Meas	201.151 Drainaş ure 25 Culvert	-	oration
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 Const: \$13,200	PS&E: \$2,1	50 20-21	PA&ED: 5/5/2020 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 5/17/2022
			Subtotal: \$13,235 Total Project Cost:	· · · · · · · · · · · · · · · · · · ·		
New			Program Code Performance Meas	201.321 Weigh ure 1 Locatio		
ROADSIDE PRES	SERVATION					
02-Tehama-Var 3627 0216000031	In Tehama, Lassen, Modoc, Plumas, Shasta, and Trinity Counties at various locations. Advance mitigation credit purchases for future SHOPP construction projects expected to impact sensitive habitats.		R/W: \$1,357 Const: \$6	PS&E: R/W Sup: \$1	\$0 \$0 00 Prior \$0	PA&ED: 7/2/2018 R/W Cert: 9/14/2018 RTL: 9/14/2018 Begin Con: 10/15/2018
			Subtotal: \$1,357 Total Project Cost:		00 57	
					de Enhancement	

(\$1,000)

\$74,461

Total (Capital + Support):

\$36,519

\$110,980

Subtotal:



Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
		Tehama C	ounty			
			R/W: \$4,612	PA&ED: \$8,297		
		(Const: \$69,849	PS&E: \$10,595		
				R/W Sup: \$2,645		
				Con Sup: \$14,982		

2018 SHOPP Project List Trinity



		(3	1,000)					- 4	arrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	oital	Suppo	ort	FY	Miles	tones
COLLISION REI	DUCTION								
02-Trinity-36 R34.7/R35.3 3653 0216000093	Near Platina, from 3.7 miles to 3.0 miles west o Hayfork Creek Bridge. Curve improvement.	of 2H050 2019-20	R/W: Const:	\$52 \$5,280	PA&ED: PS&E: R/W Sup: Con Sup:	\$760 \$1,130 \$130 \$1,680	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 2/4/2020 2/18/2020 7/15/2020
			Subtotal: Total Proj	\$5,332 ect Cost:		\$3,700 \$9,032			
Carryover			Program (201.010 S re 12 C	afety Impi			
02-Trinity-299 1.9/2.3 3557 0214000031	Near Salyer, from 0.1 mile east to 0.6 mile east of White House Gulch Road. Improve roadside clear recovery zone.		R/W: Const:	\$166 \$4,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$1,655 \$70 \$2,135	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/27/2018 8/16/2019 9/16/2019 3/3/2020
			Subtotal: Total Proj	\$4,266 ect Cost:		\$4,410 \$8,676			
Carryover			Program (201.015 C re 3 C	follision So	-	luction	
02-Trinity-299 3555 0214000028	In Trinity County, on Route 299 and Route 3 at various locations; also in Shasta County on Route 299 at PM 0.1. Make worker safety improvements.	4G610 2018-19	R/W: Const:	\$79 \$2,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$425 \$745 \$160 \$775	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/9/2017 2/11/2019 3/18/2019 8/13/2019
			Subtotal: Total Proj	\$2,579 ect Cost:		\$2,105 \$4,684		•	
Carryover			Program (201.235 N		e Access	ovements/ Free	way
02-Trinity-299 3.6 3559 0214000029	Near Salyer, at the Francis B. Matthews Safety Roadside Rest Area (SRRA). Upgrade potable water system and wastewater system.	4G620 2019-20	R/W: Const:	\$0 \$2,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$470 \$860 \$50 \$590	Prior 18-19 Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/16/2018 7/1/2019 8/15/2019 4/8/2020
			Subtotal: Total Proj	\$2,300 ect Cost:		\$1,970 \$4,270			
Carryover			Program (201.235 N		e Access	ovements/ Free	way

2018 SHOPP Project List Trinity



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Sunn		COS Allocation FY	ı Miles	tonos
ENIS	Location/Description	rrog rear	Сари	lai	Suppo	лt	FI	Ivilles	tones
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 Eliminating System (NPDES) permit mandate goals.	2021-22	R/W: Const:	\$345 \$3,200 \$3,545	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,540	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/8/2020 2/25/2022 3/28/2022 8/30/2022
New			Total Project Program Co Performance	ode	201.335 S		er Mitigatio		
						(0)	P =====		
DRIDGE PRESEI 02-Trinity-3 58.7/61.9 3485 0212000073	Near Trinity Center, from north of Preacher Meadows Road to north of El Dorado Way. Replace Swift Creek Bridge No. 05-0059.	4F220 2019-20	R/W: Const:	\$820 \$8,627	PA&ED: PS&E: R/W Sup: Con Sup:	\$930 \$1,680 \$100 \$2,090	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/17/2019 4/16/2020 5/21/2020 12/1/2020
			Subtotal: Total Projec	\$9,447 et Cost:		\$4,800 \$14,247			
Carryover			Program Co		201.110 E re 1 E	sridge Maj	or Rehabili	itation	
02-Trinity-3 3633 0216000045	In Trinity County, at Dobbins Gulch Bridge No. 05-0042 (PM 0.6), Stuart Fork Bridge No. 05-0055 (PM 43.9) and Mule Creek Bridge No. 05-0056 (PM 48.5); also on Route 299, at Grass Valley Creek Bridge No. 05-0013 (PM 65.5).	2021-22	R/W: Const:	\$206 \$6,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$1,030 \$230 \$2,060	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2020 1/21/2022 2/22/2022 8/9/2022
	Repair unsound concrete, replace bearings and joint seals, repair bridge decks, and install barrier and approach slabs.		Subtotal: Total Projec	\$6,506 et Cost:		\$4,220 \$10,726			
Carryover			Program Co			sridge Prev sridge(s)	entative M	faintenance	
02-Trinity-299 3516 0213000012	In Trinity County on Routes 299 and 36 and in Siskiyou County on Route 96 at various locations. Bridge preventative maintenance at 9 bridges.	4F600 2019-20	R/W: Const:	\$40 \$6,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$1,400 \$150 \$1,910	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/28/2018 9/6/2019 9/13/2019 2/14/2020
			Subtotal: Total Projec	\$6,840 et Cost:		\$4,410 \$11,250			
			Program Co			Ü	entative M	laintenance	
Carryover			Performance	e Measu	re 9 E	sridge(s)			

2018 SHOPP Project List Trinity



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	SERVATION					
02-Trinity-299 10.9/11.2 3579 0215000019	Near Burnt Ranch, from 0.4 mile east of Hennessey Road to 0.3 mile west of Burnt Ranch Road. Install rockfall drapery system.	0H410 2019-20	R/W: \$2 Const: \$2,07	9 PS&E: R/W Sup:	\$200 Prior \$470 18-19 \$70 18-19 \$500 19-20	PA&ED: 7/24/2018 R/W Cert: 9/4/2019 RTL: 10/11/2019 Begin Con: 2/13/2020
			Subtotal: \$2,10 Total Project Cost		1,240 3,341	
Carryover			Program Code Performance Mea		lway Protective Be	etterments
02-Trinity-299 43.1/43.3 3592 0215000055	Near Junction City, at west of Canyon Creek Bridge. Install rockfall drapery system.	0H690 2019-20	R/W: \$3 Const: \$3,00	0 PS&E: R/W Sup:	\$330 Prior \$580 18-19 \$200 18-19 \$630 19-20	PA&ED: 7/24/2018 R/W Cert: 9/4/2019 RTL: 10/11/2019 Begin Con: 2/13/2020
			Subtotal: \$3,03 Total Project Cost		1,740 4,772	
Carryover			Program Code Performance Mea		dway Protective Be	tterments
02-Trinity-3 30.0/T85.0 3586 0215000049	Near Trinity Center, from 0.9 miles south of Trinity River Bridge to Siskiyou County line at various locations. Drainage system restoration.		R/W: \$36 Const: \$3,44	3 PS&E: R/W Sup: \$3	1,390 Prior \$850 18-19 1,450 18-19 1,580 19-20	PA&ED: 9/1/2018 R/W Cert: 9/3/2019 RTL: 10/10/2019 Begin Con: 2/13/2020
			Subtotal: \$3,80 Total Project Cost		5,270 9,078	
Carryover			Program Code Performance Mea		nage System Resto	ration
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: \$31 Const: \$5,39	0 PS&E: R/W Sup:	\$930 Prior \$980 20-21 \$330 20-21 \$990 21-22	PA&ED: 6/3/2020 R/W Cert: 7/19/2021 RTL: 8/19/2021 Begin Con: 12/14/2021
			Subtotal: \$5,70 Total Project Cost		3,230 8,931	
Carryover			Program Code Performance Mea		nage System Resto	ration

2018 SHOPP Project List Trinity (\$1,000)



Dist- Co-Rte Post Mile					cos	
PPNO		EA			Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones

Trinity County	7		
R/W:	\$2,438	PA&ED:	\$8,695
Const:	\$53,019	PS&E:	\$12,580
		R/W Sup:	\$3,320
		Con Sup:	\$16,040
Subtotal:	\$55,457	•	\$40,635
Total (Cap	ital + Supp	ort):	\$96,092

2018 SHOPP Project List Tulare





		(4)	1,000)					-	arrans"
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
COLLISION REI	DUCTION								
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: Const:	\$5 \$1,713	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$550 \$5 \$500	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/2/2019 9/1/2020 10/14/2020 5/26/2021
0013000171				¢1.710	соп вир.		20 21		3/20/2021
			Subtotal: Total Proj	\$1,718 ect Cost:		\$1,445 \$3,163			
Carryover			Program (201.010 S re 25 C	afety Impi			
06-Tulare-190 R15.1/16.9 3032A 0618000088	Near Porterville, from west of Route 65 to S. Plano Road. Landscape mitigation.	0S311 2018-19	R/W: Const:	\$400	PA&ED: PS&E: R/W Sup: Con Sup:	\$330 \$490	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/19/2016 10/2/2018 11/2/2018 5/3/2019
			Subtotal: Total Proje	\$400 ect Cost:		\$820 \$1,220		1	
Carryover 06-Tulare-65 17.5/22.0 6813 0616000028	In and near Porterville, from 0.4 mile north of Avenue 136 to 0.2 mile north of Linda Vista Avenue; also on Route 190, from 0.2 mile west of the Route 65/190 Separation to Blue Heron	0U730 2020-21	R/W: Const:	\$13 \$4,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$610 \$940 \$18 \$710	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 7/1/2020 7/15/2020 2/1/2021
0010000028	Parkway. Construct Maintenance Vehicle Pullouts (MVPs), gore paving, drainage improvements, new fencing and relocation of pullboxes and controller cabinets.		Subtotal: Total Proj	\$4,413 ect Cost:	Con Sup.	\$2,278 \$6,691	20-21	Begin con.	2/1/2021
New			Program (201.235 N		e Access	ovements/ Free	way
06-Tulare-99 22.3 6885 0616000035	Near Tipton, at the Philip S. Raine Safety Roadside Rest Area (SRRA). Upgrade water, sewer and irrigation facilities.	0U770 2021-22	R/W: Const:	\$50 \$8,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$1,750 \$12 \$2,250	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/18/2019 2/2/2021 8/4/2021 1/3/2022
			Subtotal: Total Proj	\$8,050 ect Cost:		\$4,562 \$12,612			
New			Program (201.235 N		e Access	ovements/ Free	way

2018 SHOPP Project List Tulare



		(3)	1,000)					L	artans
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Capi	ital	Suppo	ort	FY	Milestones	
06-Tulare-99 28.9/31.0 6700 0614000051	In Tulare, from north of Bardsley Avenue to north of Prosperity Avenue. Roadside safety improvements.	0R170 2018-19	R/W: Const:	\$2,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$255 \$624 \$24 \$430	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/25/201 2/1/201 3/1/201 8/1/201
			Subtotal: Total Proje	\$2,700 ect Cost:		\$1,333 \$4,033			
Carryover			Program C		201.235 N		e Access	ovements/ Free	way
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.	e 0V760 2021-22	R/W: Const:	\$170 \$4,241 \$4,411	PA&ED: PS&E: R/W Sup: Con Sup:	\$869 \$1,666 \$36	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	1/2/202 3/21/202 3/25/202 9/1/202
			Total Proje			\$8,687			
New			Program C		201.235 N		e Access	ovements/ Free	way
RIDGE PRESE	RVATION								
06-Tulare-99 19.4 6679 0614000005	In Tipton, at Avenue 152 Overcrossing (No. 46 -0191). Replace bridge.	0Q910 2019-20	R/W: Const:	\$343 \$7,521	PA&ED: PS&E: R/W Sup: Con Sup:	\$453 \$1,730 \$54 \$1,354	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/201 2/3/202 3/2/202 8/3/202
			Subtotal: Total Proje	\$7,864 ect Cost:		\$3,591 \$11,455			
Carryover			Program C		201.110 E re 1 E	Bridge Maj Bridge(s)	or Rehabil	itation	
06-Tulare-245 1.4 6787 0615000293	Near Woodlake, at Yokohl Creek Bridge No. 46-0011 (PM 1.39); also at Kaweah River Bridge No. 46-0073 (PM 4.19). Replace bridges to upgrade to current standards, facilitate bike lane shoulders, and upgrade guard railing.	2020-21	R/W: Const:	\$395 \$12,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,325 \$2,260 \$645 \$1,940	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/13/201 4/15/202 4/26/202 10/5/202
	snouncers, and appraise guard failing.		Subtotal: Total Proje	\$12,495		\$6,170 \$18,665			
			Program C		201.110 E	Bridge Maj	or Rehabil	itation	

2018 SHOPP Project List Tulare





		(2)	1,000)					- 1	altrans"
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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.		R/W: Const:	\$108 \$2,120 \$2,228	PA&ED: PS&E: R/W Sup: Con Sup:	\$30	18-19 19-20 19-20 20-21	R/W Cert: RTL:	11/20/2019 1/15/2021 2/1/2021 10/15/2021
			Total Proj			\$5,168			
New			Program (Performan		201.112 B re 1493.0 L	•	Replacem	ent and Upgrad	le
06-Tulare-201 6521 0612000157	Near Kingsburg, on Route 201 at Sand Creek and Friant-Kern Canal Bridge; also on Route 216, at Kaweah River Bridge. Bridge rail replacement.	0H200 2018-19	R/W: Const:	\$450 \$9,371 \$9,821	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,728 \$3,900 \$617 \$2,357 \$8,602	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/20/2015 6/21/2017 6/22/2017 1/21/2019
Carryover			Total Proj Program (Performan	Code	201.112 E re 1188.0 L	_	Replacem	ent and Upgrad	le
ROADWAY PRE	SERVATION								
06-Tulare-99 6795 0615000297	In Tulare, Fresno and Madera Counties, on Route 99 at various locations. Upgrade existing pumps and control systems at eleven pumping plants.	0U230 3 2019-20	R/W: Const:	\$65 \$5,140	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$2,060 \$620 \$2,230	Prior 18-19 18-19 19-20		7/13/2018 11/8/2019 11/20/2019 5/11/2020
			Subtotal: Total Proj	\$5,205 ect Cost:		\$5,560 \$10,765			
Carryover			Program (201.151 E	Orainage Sy Culvert(s) (oration	
06-Tulare-190 34.7/39.7 6286 0616000194	Between Springville and Camp Nelson, from east of Balch Park Road to west of Wishon Drive. Replace deteriorated culverts and upgrade existing Guardrail.	0H140 2019-20	R/W: Const:	\$246 \$2,850	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$950 \$210 \$800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/17/2018 3/1/2020 3/15/2020 2/1/2021
			Subtotal: Total Proj	\$3,096 ect Cost:		\$2,760 \$5,856			
			Program (201.151 E			oration	
Carryover			Performan	ice ivieasu	1e 1/C	Culvert(s) (ca)		

2018 SHOPP Project List Tulare (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Tulare County	
R/W: \$1,845 PA&ED: \$	\$8,370
Const: \$60,556 PS&E: \$1	
R/W Sup: \$	\$2,271
Con Sup: \$1	15,814
Subtotal: \$62,401 \$4	44,337
Total (Capital + Support): \$10	06,738

2018 SHOPP Project List Tuolumne



	(\$1,000)							- 4	artrans"	
Dist-Co-Rte Post Mile PPNO	T	EA	a				COS Allocation			
EFIS	Location/Description	Prog Year	Сар	oital	Suppo	ort	FY	Miles	stones	
COLLISION RED 10-Tuolumne-108	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: Const:	\$173 \$3,087	PA&ED: PS&E: R/W Sup: Con Sup:	\$634 \$972 \$11 \$554	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/2/2020 10/18/2021 11/30/2021 7/1/2022	
	Upgrade guardrail to make standard.		Subtotal: Total Proje	\$3,260 ect Cost:		\$2,171 \$5,431				
New			Program Code Performance Measu		201.015 Collision Sevure 31 Collision(s) re		,	· ·		
ROADWAY PRES	SERVATION									
10-Tuolumne-108 R18.9/38.8 0157 1013000266	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. Pavement rehabilitation.	46210 2020-21	R/W: Const:	\$88 \$17,970	PA&ED: PS&E: R/W Sup: Con Sup:	\$687 \$1,152 \$8 \$2,092	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 12/1/2020 1/1/2021 7/15/2021	
			Subtotal: Total Proj e	\$18,058 ect Cost:		\$3,939 \$21,997				
Carryover			Program (avement R		on (CAPM)		
10-Tuolumne-120 32.7/R56.5 0335 1013000254	Near Buck Meadows, from Elder Lane to Yosemite National Park boundary. Pavement rehabilitation.	0E960 2018-19	R/W: Const:	\$6 \$20,520	PA&ED: PS&E: R/W Sup: Con Sup:	\$931 \$1,070 \$55 \$2,793	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/3/2018 11/7/2018 12/7/2018 7/10/2019	
			Subtotal: Total Proje	\$20,526 ect Cost:		\$4,849 \$25,375				
Carryover			Program Code 201.121 Pavement Reha Performance Measure 2.0 Lane mile(s)					on (CAPM)		
10-Tuolumne-108 32.3/34.6 3137 1015000007 Near Strawberry, from east of Old Strawberr Road to west of Beardsley Road. Rockfall mitigation at four locations.	0Y800 2018-19	R/W: Const:	\$43 \$2,628	PA&ED: PS&E: R/W Sup: Con Sup:	\$750 \$625 \$75 \$560	Prior Prior Prior 18-19		11/1/2017 12/31/2018 1/15/2019 8/30/2019		
			Subtotal: Total Proje	\$2,671 ect Cost:		\$2,010 \$4,681				
			Program (201.150 R	-		etterments		
Carryover			Performan	ice Measu	re 4 L	ocation(s)				

2018 SHOPP Project List Tuolumne



48.8 Stabilize slope erosion. 2018-19 Const: \$1,200 PS&E: \$493 Prior R/W Cert: 12/1/2018 R/W Sup: \$48 Prior RTL: 1/15/2019 Con Sup: \$363 18-19 Begin Con: 6/26/2019 Subtotal: \$1,206 \$1,554 Total Project Cost: \$2,760 Program Code 201.150 Roadway Protective Betterments	Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	ı Milest	tones
Total Project Cost: \$2,760 Program Code 201.150 Roadway Protective Betterments	48.8 3136	· · · · · · · · · · · · · · · · · · ·				PS&E: R/W Sup:	\$493 \$48	Prior Prior	R/W Cert: RTL:	9/1/2017 12/1/2018 1/15/2019 6/26/2019
					. ,		1			
Carryover Performance Measure 1 Location(s)	Carryover			Ü			oadway P		etterments	

Tuolumn	ne County	y		
	R/W:	\$316	PA&ED:	\$3,652
	Const:	\$45,405	PS&E:	\$4,312
			R/W Sup:	\$197
			Con Sup:	\$6,362
	Subtotal:	\$45,721		\$14,523
	Total (Cap	oital + Supp	oort):	\$60,244



		(.	1,000)						wwws
Dist-Co-Rte							COS		
Post Mile PPNO		EA				1	Allocation		
EFIS	Location/Description	Prog Year	Ca	pital	Supp	ort	FY	Miles	tones
MA IOD DAMAC	E RESTORATION								
07-Ventura-1	In Ventura County, south of Point Mugu State	31820	R/W:	\$766	DA & ED.	\$1,200	Prior	L	9/28/2018
4.0/4.2	Park (PM 4.0) and Sycamore Canyon Road (PM		Const:	\$27,179	PA&ED: PS&E:	\$1,200	18-19	PA&ED: R/W Cert:	9/28/2018
4930	4.2). Construct secant walls at two locations as	2019-20	Const.	\$27,179	R/W Sup:	\$1,900	18-19		12/16/2019
0715000286	a permanent slope restoration solution to				Con Sup:	\$2,600	19-20	Begin Con:	
***************************************	stabilize the slope and prevent continued					,	-, -,		
	erosion. Two previous Director Orders: EA 07 -4X370 and EA 07-4X760 were executed to		Subtotal:	\$27,945		\$5,800			
	remove slide material and repair embankment,		Total Pro	ject Cost:		\$33,745			
	roadway and drainage systems.								
			Program	Code	201 131 P	ermanent	Restoration		
Carryover			_	nce Measu		ocation(s)			
Curryover			1 CI IOI III a	irce ivicasu	10 21	ocation(s)	<u>'</u>	<u> </u>	
07-Ventura-1	Near Point Mugu State Park, at Big Sycamore	33350	R/W:	\$442	PA&ED:	\$2,300	Prior	PA&ED:	7/1/2019
4.5/4.6	Creek No. 52-0011. Shoreline embankment	2021-22	Const:	\$11,099	PS&E:	\$3,240	19-20	R/W Cert:	7/1/2021
5181	restoration by replacing Rock Slope Protection (RSP), constructing seawalls and secant				R/W Sup:	\$1,000	19-20	RTL:	8/2/2021
0716000312	retaining wall, and upgrade guardrail.				Con Sup:	\$3,880	21-22	Begin Con:	3/2/2022
			Subtotal:	\$11,541		\$10,420			
			Total Pro	ject Cost:		\$21,961			
			Program				Restoration		
Carryover			Performa	nce Measu	re 1 L	ocation(s)	1		
07-Ventura-118	Near Moorpark, from Sand Canyon Road to	34290	R/W:	\$353	PA&ED:	\$850	18-19	PA&ED:	8/1/2019
12.0/13.2	Balcom Canyon Road. Permanent restoration of	f 2020-21	Const:	\$5,402	PS&E:	\$3,000	19-20	R/W Cert:	9/1/2020
5294	slope damage by constructing retaining wall,				R/W Sup:	\$175	19-20	RTL:	1/4/2021
0717000333	paving shoulder, and placing Rock Slope Protection (RSP).				Con Sup:	\$2,000	20-21	Begin Con:	8/2/2021
	Troceton (RSF).		Subtotal:	\$5,755		\$6,025			
			Total Pro			\$11,780			
			10111110	jeer east.		411,700			
			Program	Codo	201 121 B	larman ant	Restoration		
37			_	couc nce Measu		ocation(s)			
New			1 61 101 1114	iice ivicasu	16 11	ocation(s)			
COLLISION REI	<u>DUCTION</u>								
07-Ventura-33	Near Ojai, north of North Fork Matilija Creek	33230	R/W:	\$64	PA&ED:	\$660	18-19		3/30/2021
18.9/19.1	Bridge No. 52-450. Widen the roadway by 4	2021-22	Const:	\$3,080	PS&E:	\$1,460	20-21	R/W Cert:	11/15/2021
5145	feet, upgrade rock block barrier, and place High				R/W Sup:	\$40	20-21		12/15/2021
0716000257	Friction Surface Treatment (HFST).				Con Sup:	\$1,550	21-22	Begin Con:	7/10/2022
			Subtotal:	\$3,144		\$3,710			
			Total Pro	ject Cost:		\$6,854			
			Program	Code	201.015	Collision S	everity Redu	action	
New				nce Measu		Collision(s)	-		
						(0)			



		(a)	1,000)					- 4	altrans"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Supp		COS Allocation FY	n Miles	tones
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: Const: Subtotal:	\$80 \$6,470 \$6,550	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$2,800 \$35 \$2,000 \$5,785 \$12,335	18-19 19-20 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/30/2019 8/23/2021 10/4/2021 5/5/2022
New			Program C			Collision Se	everity Red	luction	
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	33110 2021-22	R/W: Const:	\$29 \$9,776	PA&ED: PS&E: R/W Sup: Con Sup:	\$392 \$1,733 \$20 \$1,750	18-19 18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/30/2019 8/23/2021 10/4/2021 5/5/2020
	guardrails. Remove and replace dikes.		Subtotal: Total Proje	\$9,805 ect Cost:		\$3,895 \$13,700			
New			Program C			Collision Se	everity Red	duction	
07-Ventura-101 0.0/11.1 5030 0716000086	In and near Thousand Oaks, from Los Angeles County line to 0.3 mile north of Camarillo Springs Road. Construct access trails and Maintenance Vehicle Pullouts (MVPs), relocate	32560 2020-21	R/W: Const:	\$20 \$4,915	PA&ED: PS&E: R/W Sup: Con Sup:	\$514 \$1,523 \$46 \$2,117	18-19 19-20 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 10/1/2020 12/1/2020 7/1/2021
	irrigation facilities, install access gates, railings and breakaway post sleeves, pave gore, narrow and slope areas.		Subtotal: Total Proje	\$4,935 ect Cost:		\$4,200 \$9,135			
New			Program C		201.235 N	Coadside Sometimenance According (s)	e Access	ovements/ Free	way
07-Ventura-118 R24.1/R29.7 4894 0715000210	In Simi Valley, from First Street to Yosemite Street. Construct Maintenance Vehicle Pullouts (MVPs) and access roads, pave gore areas, install smart irrigation controllers and access roates. Plant vince at heiden wingsyalls.	31650 3 2018-19	R/W: Const:	\$10 \$3,250	PA&ED: PS&E: R/W Sup: Con Sup:	\$677 \$1,369 \$39 \$1,292	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/26/2017 11/15/2018 2/1/2019 10/1/2019
	gates. Plant vines at bridge wingwalls.		Subtotal: Total Proje	\$3,260 ect Cost:		\$3,377 \$6,637			
Carryover			Program C		201.235 N		e Access	ovements/ Free	way



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Dist- Co-Rte Post Mile							COS		
PPNO		EA					Allocation		
EFIS	Location/Description	Prog Year	Ca	pital	Suppo	ort	FY	Miles	tones
MANDATES									
07-Ventura-1	In Ventura County, at various locations; also on	32270	R/W:	\$126	PA&ED:	\$2,500	18-19	PA&ED:	7/2/2020
0.0/28.5	Route 101 (PM 22.0/43.6), Route 34 (PM	2021-22	Const:	\$10,340	PS&E:	\$2,650	20-21	R/W Cert:	11/1/2021
5012	4.3/17.7) and Route 150 (PM 2.5/34.4).				R/W Sup:	\$40	20-21	RTL:	12/15/2021
0716000067	Construct and install stormwater treatment Best Management Practices (BMPs) Including				Con Sup:	\$3,750	21-22	Begin Con:	7/5/2022
	biofiltration swales, gross solid removal devices		Subtotal:	\$10,466		\$8,940			
	and Austin Vault Sand Filters.		Total Pro			\$19,406			
				,		4,			
			Program	Code	201 335 St	torm Wate	er Mitigation	1	
New			_	nce Measu			ited/pollutar		
								 I	
07-Ventura-101	In the city of Ventura, from south of Seaward Avenue to Ventura River. Stabilize soil and	31130	R/W:	\$20	PA&ED:	\$95	Prior	PA&ED:	6/9/2017
27.5/31.0 4813	erosion control.	2018-19	Const:	\$1,823	PS&E: R/W Sup:	\$1,196 \$24	Prior Prior	R/W Cert:	10/5/2018 12/14/2018
0715000009					Con Sup:	\$959	18-19		6/19/2019
			Subtotal:	\$1,843		\$2,274			
			Total Pro	ject Cost:		\$4,117			
			Program				er Mitigation		
Carryover			Performa	nce Measu	re 22.5 A	cre(s) trea	ated/pollutar	nt	
07-Ventura-118	Near the city of Ventura, from County Drive to	33600	R/W:	\$10	PA&ED:	\$950	18-19	PA&ED:	12/30/2019
1.2/1.8	Santa Clara River. Construct stormwater	2021-22	Const:	\$6,011	PS&E:	\$1,961	19-20	R/W Cert:	7/15/2021
5204 0716000375	treatment Best Management Practices (BMPs) infiltration basin.				R/W Sup:	\$44	19-20	RTL: Begin Con:	9/15/2021 4/15/2022
0/160003/3				06.021	Con Sup:	\$1,680	21-22	Begin Con.	4/15/2022
			Subtotal:	\$6,021		\$4,635			
			Total Pro	ject Cost:		\$10,656			
			Program				er Mitigation		
New			Performa	nce Measu	re 42 A	.cre(s) trea	nted/pollutar	it	
07-Ventura-126	In Santa Paula, from Peck Road to Santa Paula	31150	R/W:	\$30	PA&ED:	\$130	Prior	PA&ED:	6/28/2017
R10.2/R12.7	Creek. Stabilize soil and install irrigation	2018-19	Const:	\$2,431	PS&E:	\$916	Prior	R/W Cert:	10/1/2018
4815	system.				R/W Sup:	\$102	Prior		11/30/2018
0715000012					Con Sup:	\$1,379	18-19	Begin Con:	7/8/2019
			Subtotal:	\$2,461		\$2,527			
			Total Pro	ject Cost:		\$4,988			
			Program	Code	201.335 St	torm Wate	er Mitigation	1	
Carryover			Performa	nce Measu	re 22.5 A	cre(s) trea	nted/pollutar	nt	
-									



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	oital	Supp	ort	FY	Miles	tones
07-Ventura-33 6.5/12.8 5010 0716000062	Near Ventura and Ojai, from north of Sycamore Drive to Fairview Road. Construct and upgrade curb ramps, sidewalks and driveways to meet current Americans with Disabilities Act (ADA) Standards.		R/W: Const:	\$4,141 \$6,481	PA&ED: PS&E: R/W Sup: Con Sup:	\$980 \$4,620 \$1,100 \$3,798	18-19 18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2019 11/1/2021 12/15/2021 7/15/2022
			Subtotal: Total Proj	\$10,622 ect Cost:		\$10,498 \$21,120			
New			Program (Americans Curb ramp(ilities Act Nev	Curb Ramp
07-Ventura-118 0.5/T18.8 5233 0717000119	In and near Ventura and Moorpark, from North Route 126 Junction to 0.3 mile west of Princeton Avenue. Reconstruct curb ramps, construct new sidewalks, install Accessible Pedestrian Signals (APS) and upgrade	33920 2021-22	R/W: Const:	\$2,941 \$3,944	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$2,000 \$1,624 \$1,500	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/15/2020 3/1/2022 3/15/2022 8/15/2022
	thermoplastic pavement marking crosswalks.		Subtotal: Total Proj	\$6,885 ect Cost:		\$6,124 \$13,009			
New			Program (Americans Curb ramp(ilities Act Nev	Curb Ramp
07-Ventura-150 16.6/34.4 4746 0714000179	In and near cities of Ojal 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 2019-20	R/W: Const:	\$556 \$4,549	PA&ED: PS&E: R/W Sup: Con Sup:	\$908 \$1,000 \$100 \$1,000	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 5/1/2019 3/30/2020 10/1/2020
	Standards.		Subtotal: Total Proj	\$5,105 ect Cost:		\$3,008 \$8,113			
Carryover			Program (Americans Curb ramp(ilities Act Nev	Curb Ramp
RIDGE PRESER	EVATION								
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: Const:	\$983 \$3,565	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$2,500 \$540 \$1,650	Prior 18-19 18-19 21-22	R/W Cert: RTL:	12/14/2018 11/15/2021 12/15/2021 8/15/2022
			Subtotal: Total Proj	\$4,548 ect Cost:		\$5,890 \$10,438			
Carryover			Program (Bridge Maj Bridge(s)	or Rehabili	itation	



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Dist- Co-Rte Post Mile							COS		
PPNO		EA				1	Allocation		
EFIS	Location/Description	Prog Year	Car	oital	Supp	ort	FY	Miles	tones
07-Ventura-33 7.6 4496 0712000083	Near Oak View, at San Antonio Creek Bridge No. 52-0065. Scour mitigation and bridge rail upgrade.	29130 2018-19	R/W: Const:	\$2,750 \$2,460	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,112 \$600	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2017 1/4/2019 1/25/2019 9/6/2019
			Subtotal: Total Proj	\$5,210 ect Cost:		\$4,812 \$10,022			
Carryover			Program (Bridge Sco	ur Mitigati	on	
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 railing to meet current standards.	2020-21	R/W: Const:	\$818 \$2,657	PA&ED: PS&E: R/W Sup: Con Sup:	\$958 \$2,300 \$465	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/5/2018 11/1/2020 12/1/2020 7/2/2021
			Subtotal: Total Proj	\$3,475 ect Cost:		\$5,723 \$9,198			
Carryover			Program (201.112 E re 724.0 I	•	Replacem	ent and Upgrad	le
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 preventativ maintenance to preserve and extend the life of bridge.	2021-22	R/W: Const:	\$30 \$660	PA&ED: PS&E: R/W Sup: Con Sup:	\$320 \$850 \$50 \$620	Prior 18-19 18-19 21-22	R/W Cert:	12/15/2018 9/1/2021 10/31/2021 6/2/2022
	onage.		Subtotal: Total Proj	\$690 ect Cost:		\$1,840 \$2,530			
Carryover			Program (Bridge Prev Bridge(s)	ventative M	laintenance	
ROADWAY PRES	SERVATION								
07-Ventura-1 21.3/27.1 5018 0716000072	In the city of Ventura, from North 101 Junction - Solimar Undercrossing to Hobson County Par Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks.		R/W: Const:	\$14 \$10,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$625 \$1,850 \$60 \$3,350	19-20 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2020 11/1/2021 12/15/2021 8/5/2022
	-		Subtotal: Total Proj	\$10,214 ect Cost:		\$5,885 \$16,099			
New			Program (Pavement F		on (CAPM)	



		(\$	1,000)					4	altrans"
Dist- Co-Rte Post Mile PPNO		TC A					COS Allocation	1	
EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		FY	Miles	tones
07-Ventura-150 R13.3/19.0 5014 0716000069	In and near Ojai, Mira Monte and Meiners Oaks, from Burham Road to Gorham Road; also on Route 33 from 33/150 Junction to Meiners Road. Cold plane and overlay pavement, upgrade guardrail and signs.	32370 2020-21	R/W: Const:	\$221 \$5,588	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,500 \$250 \$1,700	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2019 8/5/2020 10/5/2020 4/8/2021
			Subtotal: Total Proje	\$5,809 ect Cost:		\$4,050 \$9,859			
New			Program (avement R		on (CAPM)	
07-Ventura-23 R3.3/R11.5 4688 0713000479	In and near cities of Thousand Oaks and Moorpark, from Route 101 to Route 118. Rehabilitate pavement.	30250 2018-19	R/W: Const:	\$860 \$92,445	PA&ED: PS&E: R/W Sup: Con Sup:	\$889 \$7,500 \$100 \$17,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/29/2017 5/15/2019 6/14/2019 7/9/2020
			Subtotal: Total Proje	\$93,305 ect Cost:	\$	\$25,489 \$118,794			
Carryover			Program (Roadway R	ehabilitatio	on (2R)	
07-Ventura-101 R36.7/R40.3 4687 0713000488	Near Sea Cliff, from Padre Juan Canyon Road Overcrossing to Punta Gorda Pedestrian Undercrossing. Rehabilitate roadway.	30240 2019-20	R/W: Const:	\$70 \$19,270	PA&ED: PS&E: R/W Sup: Con Sup:	\$100 \$1,700 \$200 \$2,100	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/21/2018 2/11/2019 2/14/2020 8/28/2020
			Subtotal: Total Proje	\$19,340 ect Cost:		\$4,100 \$23,440			
Carryover			Program (201.122 R re 21.6 L	-	ehabilitatio	on (2R)	
MOBILITY									
07-Ventura-101 9.0/9.2 5081 0716000220	In Thousand Oaks and Camarillo, from Wendy Drive to Pleasant Valle Road, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace concrete slabs and repair and replace asphalt concrete.	33100 2020-21	R/W: Const:	\$8 \$2,006	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,550 \$20 \$850	18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2016 6/15/2020 8/10/2020 3/10/2021
	and repair and replace asphalt concrete.		Subtotal: Total Proje	\$2,014 ect Cost:		\$2,420 \$4,434			
			Program (201.321 V	•			
New			Performan	ice Measu	re 21	ocation(s)			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	ı Milest	tones
07-Ventura-118 13.3/15.6 5255 0717000194	In and near Moorepark, at the eastbound and westbound Commercial Vehicle Enforcement Facilities. Construct new modular office facility and install overhead truck scale on/off message signs.	•	R/W: Const:	\$44 \$1,150	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$800 \$16 \$400	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/18/2019 8/1/2021 10/15/2021 5/1/2022
			Subtotal: Total Proje	\$1,194 ect Cost:		\$1,516 \$2,710			
			Program (Code	201.321 W	Veigh Stati	ions		
New			Performan	ce Measu	re 2 L	ocation(s)			

Ventura County
R/W: \$15,386 PA&ED: \$20,738
Const: \$246,751 PS&E: \$53,030
R/W Sup: \$6,790
Con Sup: \$62,385
Subtotal: \$262,137 \$142,943
Total (Capital + Support): \$405,080

2018 SHOPP Project List Yolo



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	nital	Supp		COS Allocation FY	ı Miles	tones
	•	1105 1001	- Cup	7.00.7	эцрр			1,11100	001100
03-Yolo-16 4.0 8668 0318000002	SE RESTORATION Near Esparto, west of Cache Creek Bridge No. 22-0019. Install rock fall barrier to stabilize slope and minimize rock fall onto the traveled way.	3H460 2018-19	R/W: Const:	\$55 \$1,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$550 \$80 \$220	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2018 6/9/2019 6/14/2019 12/1/2019
			Subtotal: Total Proje	\$1,855 ect Cost:		\$1,350 \$3,205			
Carryover			Program (Permanent Location(s)	Restoration		
03-Yolo-84 13.3/15.7 9058 0317000114	Near West Sacramento, from 3.7 miles north of Clarksburg Road to Levee Access Road. Permanent restoration of damaged pavement and supporting levee embankment.	2H460 2019-20	R/W: Const:	\$7,200 \$51,950	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,080 \$1,930 \$990 \$5,890	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/15/2018 12/1/2019 1/1/2020 9/1/2020
			Subtotal: Total Proj	\$59,150 ect Cost:		\$10,890 \$70,040			
Carryover			Program (Permanent Location(s)	Restoration		
OLLISION RE	DUCTION								
03-Yolo-16 20.5/31.6 8655A 0314000272	Near Cadenasso, from 0.4 mile west of County Road 79 to 0.4 mile east of County Road 79; also from Esparto to 0.2 mile west of Route 505 Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-	0C472 2018-19	R/W: Const:	\$7,989 \$19,390	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,570 \$2,500 \$4,850	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/24/2015 12/12/2017 1/15/2018 5/16/2018
	turn lanes.		Subtotal: Total Proj	\$27,379 ect Cost:		\$9,920 \$37,299			
Carryover			Program (201.010 S re 330 C	Safety Impr			
03-Yolo-16 25.2/28.3 8663 0314000063	Near Capay, from Capay Canal Bridge to County Road 85; also in Esparto from Orleans Street to County Road 21A (PM 27.5/28.3). Improve pedestrian safety and operations for bicycles and motorists.	4F170 2018-19	R/W: Const:	\$408 \$1,492	PA&ED: PS&E: R/W Sup: Con Sup:	\$380 \$490 \$140 \$390	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 11/15/2018 12/1/2018 6/1/2019
	,		Subtotal: Total Proj	\$1,900 ect Cost:		\$1,400 \$3,300			

2018 SHOPP Project List Yolo



		(3	1,000)					- 4	altrans"		
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation				
EFIS	Location/Description	Prog Year	Cap	oital	Supp	ort	FY	Miles	tones		
03-Yolo-5 0.4/R28.9 8572 0314000300	In and near Woodland, from the Sacramento County line to Colusa County line. Improvements to reduce maintenance worker exposure.	4F830 2018-19	R/W: Const:	\$10 \$1,940	PA&ED: PS&E: R/W Sup: Con Sup:	\$240 \$400 \$20 \$420	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/10/2017 9/1/2018 11/1/2018 5/15/2019		
			Subtotal: Total Proj	\$1,950 ect Cost:		\$1,080 \$3,030					
			Program (201.235 N	Maintenanc	e Access	ovements/ Free	way		
Carryover			Performan	ice Measu	re 32 I	Location(s)					
03-Yolo-5 R6.5/R17.6 5833 0312000072	In and near Woodland, from East Main Street to County Road 13 at various locations. Upgrade Americans with Disabilities Act (ADA) facilities.	3F140 2018-19	R/W: Const:	\$410	PA&ED: PS&E: R/W Sup: Con Sup:	\$110 \$140 \$30 \$170	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 8/1/2018 8/15/2018 1/3/2019		
			Subtotal: Total Proj	\$410 ect Cost:		\$450 \$860		1			
Carryover			Program (Americans Curb ramp(ilities Act New	Curb Ramı		
RIDGE PRESEI	RVATION										
03-Yolo-80 R11.3 8901 0300000075	In West Sacramento, at the Sacramento River Bridge and Overhead No. 22-0026L/R. Rehabilitate bridge.	0F250 2019-20	R/W: Const:	\$482 \$32,760	PA&ED: PS&E: R/W Sup: Con Sup:	\$990 \$1,550 \$75 \$3,640	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 3/1/2020 4/1/2020 10/1/2020		
			Subtotal: Total Proj	\$33,242 ect Cost:		\$6,255 \$39,497					
Carryover			Program (201.110 E re 2 E	Bridge Maj Bridge(s)	or Rehabil	itation			
03-Yolo-505 0.0/0.2 9504 0317000113	Near Winters, at Putah Creek Bridge No. 22 -0072L/R, from Solano County line to 0.4 mile south of Route 128; also in Solano County, from 0.3 mile south to the Yolo County line (PM R10.3 to R10.6). Seismic retrofit of two paralle		R/W: Const:	\$215 \$13,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$371	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 3/1/2022 3/15/2022 7/15/2022		
	bridges.	1	Subtotal: Total Proj	\$14,175 ect Cost:		\$5,729 \$19,904					
New			Program (201.113 E re 2 E	Bridge Seis Bridge(s)	mic Restor	ation			

2018 SHOPP Project List Yolo



Dist Ca Dta		(+	1,000)			-	utrans
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	ı Milesi	tones
03-Yolo-5 5869 0317000349	Near Woodland, at County Road 96 Overcrossing (OC) No. 22-0155 (PM R14.27), County Road 95 OC No. 22-0156 (PM R15.85), and Zamora OC No. 22-0157 (PM R17.62); also in Colusa County, in and near Williams at E		* R/W: \$620 * Const: \$15,700	* PS&E: \$1 * R/W Sup: \$,700 Prior ,570 19-20 ,5430 19-20 ,470 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/201 4/1/202 4/15/202 9/15/202
	Street OC No. 15-0067 (PM R17.98) and Lurline Avenue OC No. 15-0075 (PM R22.74). Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$16,320 Total Project Cost: * Const, * R/W, * PS	\$22	,170 ,490 * Con Sup phase((s) are NOT aut	horized
Carryover			Program Code Performance Measu		Permit Requireme(s)	nents for Bridge	es
03-Yolo-5 4.4/R28.9 8563 0317000031	Near Woodland, at Wye Line Road Overcrossing (OC) No. 22-0158 (PM 4.49), County Road 6 OC No. 22-0138 (PM R25.57), County Line Road OC No. 22-0139 (R28.92). Establish standard vertical clearance.	0F760 2020-21	* R/W: \$655 * Const: \$11,032	* PS&E: \$1 * R/W Sup:	\$744 Prior ,885 20-21 \$98 20-21 ,901 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/201 3/1/202 4/1/202 10/1/202
	ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$11,687 Total Project Cost: * Const, * R/W, * PS	\$18	,628 , 315 * Con Sup phase(.	(s) are NOT aut	horized
					D '4 D '		- g
Carryover			Program Code Performance Measu	201.322 Trans are 3 Bridg	•	nents for Bridge	
Carryover DBILITY			<u> </u>		•	nents for Bridge	
	In various counties, on various routes at various locations. Repair and install permanent Automatic Vehicle Classification (AVC) truck data collection stations.	0H410 2018-19	<u> </u>	PA&ED: \$1 PS&E: \$1 R/W Sup: \$	•	PA&ED: R/W Cert: RTL: Begin Con:	1/1/201 9/1/201 10/1/201 3/1/201
03-Yolo-5 8571	locations. Repair and install permanent Automatic Vehicle Classification (AVC) truck		Performance Measu R/W: \$80	PA&ED: \$1, PS&E: \$1, R/W Sup: \$ Con Sup: \$1,	,000 Prior ,000 Prior ,000 Prior 5190 Prior	PA&ED: R/W Cert: RTL:	1/1/201 9/1/201 10/1/201

Yolo Cou	ty		
R/V	\$17,714	PA&ED:	\$8,685
Cons	\$159,834	PS&E:	\$13,840
		R/W Sup:	\$4,924
		Con Sup:	\$26,513
Subtota	\$177,548		\$53,962
Total (apital + Sup	port):	\$231,510

2018 SHOPP Project List Yuba



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	ı Miles	tones
	<u> </u>	g	- P	o PP			
03-Yuba-70 16.2/25.8 9819 0314000153	Near Marysville, from Laurellen Road to South Honcut Creek Bridge. Widen shoulders and improve clear recovery zone.	4F380 2019-20	R/W: \$9,85 Const: \$70,73	5 PS&E: \$4 R/W Sup: \$6	3,906 Prior 1,884 Prior 5,227 Prior 0,030 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 5/5/2020 5/20/2020 11/20/2020
			Subtotal: \$80,59 Total Project Cost		4,047 4,640		
Carryover			Program Code Performance Mea		y Improvements sion(s) reduced		
03-Yuba-20 R18.0/20.3 9590 0313000020	Near Smartsville, from the Yuba River Bridge to east of Smartsville Road. Realign and widen roadway.	3F510 2018-19	R/W: \$2,75 Const: \$48,50	0 PS&E: \$3 R/W Sup: \$1	1,700 Prior 3,500 Prior 1,000 Prior 5,871 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2017 4/16/2019 5/1/2019 12/1/2019
			Subtotal: \$51,25 Total Project Cost		5,071 7,321		
Carryover			Program Code Performance Mea		sion Severity Red	uction	
03-Yuba-70 R11.0/13.6 9821 0315000201	Near Linda and Marysville, from 0.3 mile south of Feather River Boulevard to Yuba River Bridge. Install concrete median barrier.	0H510 2018-19	R/W: \$1 Const: \$5,20	0 PS&E: S R/W Sup:	\$350 Prior \$500 Prior \$40 Prior \$590 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/27/2017 9/15/2018 10/15/2018 4/1/2019
			Subtotal: \$5,21 Total Project Cost		,480 6,690		
Carryover			Program Code Performance Mea		sion Severity Red	uction	
BRIDGE PRESER	RVATION						
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: \$1,88 Const: \$26,44	1 PS&E: \$2 R/W Sup: 5	1,240 Prior 2,700 20-21 \$200 20-21 1,100 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 3/1/2021 4/1/2021 7/1/2021
			Subtotal: \$28,32 Total Project Cost		3,240 5 ,568		
Carryover			Program Code Performance Mea	_	ge Scour Mitigatio	on	

2018 SHOPP Project List Yuba



		(2)	1,000)					- 4	altrans'
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Capita	al	Supp		FY	Miles	tones
03-Yuba-70 15.5/16.5 9812 0312000068	Near Marysville, from 0.1 mile north of Binney Junction Underpass to 0.3 mile north of Laurellen Road, at Simmerly Slough Bridge No 16-0019. Replace bridge.	2018-19	Const: \$6	\$3,800 68,500	PA&ED: PS&E: R/W Sup: Con Sup:		Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/21/2017 5/1/2019 6/1/2019 12/1/2019
			Subtotal: \$' Total Project	72,300 : Cost:		\$10,600 \$82,900			
Carryover			Program Cod		201.111 E	Bridge Scor	ur Mitigati	on	
OADWAY PRE	SEDVATION								
03-Yuba-20 8.0/10.2 9587 0300020594	Near Marysville, from 0.1 mile east of Loma Rica Road to 0.2 mile west of Spring Valley Road. Rehabilitate roadway.	2F320 2018-19		\$1,400 10,700	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,160 \$1,610 \$950 \$1,600	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/13/2016 3/1/2018 3/15/2018 1/2/2019
			Subtotal: \$ Total Project	12,100 Cost:		\$5,320 \$17,420			
			Program Cod	le	201.120 F	Roadway R	ehabilitatio	on (3R)	
Carryover			Performance	Measu	re 4.4 I	ane mile(s	s)		
03-Yuba-20 13.3/R17.8 9579 0300020593	Near Marysville, from Marysville Road to Yuba River (Parks Bar) Bridge. Rehabilitate roadway.	0A570 2018-19		\$9,400 38,100	PA&ED: PS&E: R/W Sup: Con Sup:		Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2017 4/1/2019 4/15/2019 12/29/2019
			Subtotal: \$4 Total Project	47,500 t Cost:		\$15,110 \$62,610			
Carryover			Program Cod Performance		201.120 F re 9.9 I	Roadway R Lane mile(s		on (3R)	
03-Yuba-70 14.9/15.6 9820 0315000082	In and near Marysville, from 14th Street to Cemetery Road. Roadway rehabilitation.	0H160 2020-21		\$5,000 85,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,000 \$3,500 \$2,500 \$5,500	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2019 9/18/2020 10/2/2020 3/26/2021
			Subtotal: \$9 Total Project	90,000 t Cost:	;	\$14,500 \$104,500			
			Program Cod		201.120 F	-		on (3R)	
Carryover			Performance	Measu	re 5.0 I	ane mile(s	5)		

2018 SHOPP Project List Yuba



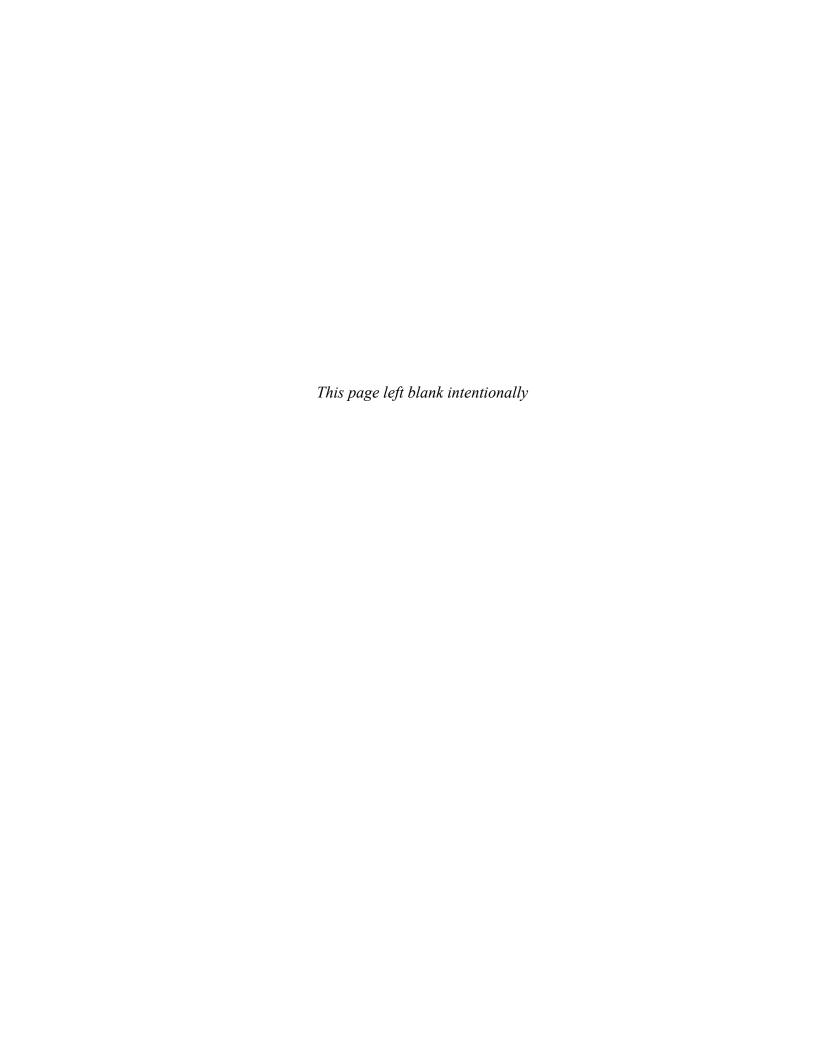
Dist- Co-Rte Post Mile					cos	
PPNO		EA			Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones

Yuba County	7	
R/W:	\$34,105 PA&	ED: \$19,656
	<i>*</i>	&E: \$21,954
	R/W S	Sup: \$13,967
	Con S	Sup: \$39,791
Subtotal:	\$387,281	\$95,368
Total (Capi	ital + Support):	\$482,649

2018 SHOPP Project List Yuba (\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones



Long Lead Project List

SHOPP Long Lead projects, which require more than four years to develop due to complex environmental and preliminary engineering work.



Dist- Co-Rte Post Mile						COS		
PPNO		EA			A	Allocatio	n	
EFIS	Location/Description	Prog Year	Capital	Suppo	ort	FY	Miles	stones
MAJOR DAMAG	E RESTORATION							
01-Del Norte-101	Near Crescent City, at Last Chance Grade, from	0F280	* R/W:	\$75 * PA&ED:	\$10,000	Prior	PA&ED:	2/16/2026
12.0/15.5	Wilson Creek Bridge to 3.8 miles north of	2030-31	Const:	PS&E:	,	25-26	R/W Cert:	7/1/2030
1112	Wilson Creek Bridge. Permanent roadway			R/W Sup:		25-26	RTL:	9/2/2030
0115000099	restoration and realignment. PA&ED and R/W funds are requested for geotechnical evaluation			Con Sup:		30-31	Begin Con:	10/14/2031
	(\$5 million) of the current seven alternatives		Subtotal:	\$75	\$10,000			
	and for the environmental clearance (\$5 million) needed to perform geotechnical work.		Total Project C	Cost:	\$10,075			
	Note: Due to the complexity of the project,		* R/W, * PA&EI	D phase(s) is auth	orized			
	\$10.0 million is assigned to gather data			oject estimates: F	PA&ED \$5	2,600,000	, R/W \$89,600	,000,
	(geotechnical and preliminary environmental		Con \$1,610,000, Program Code	, <i>000</i> . 201.131 P	armanant I	Pastaration		
Carryover Long Lead	work) that will identify risk and assist in project development.		Performance Mo		ocation(s)	xesioratioi	11	
			r er for mance wie	easure 1 L	ocation(s)			
BRIDGE PRESER							ı	
01-Humboldt-96 12.3	Near Hoopa, at Trinity River Bridge No. 04 -0137. Upgrade bridge rails, widen for	0F600 2022-23		1,576 * PA&ED: 9,764 PS&E:		18-19 21-22		12/27/2021 12/27/2022
	pedestrian access, and strengthen for truck	2022-23	Collst. \$29	R/W Sup:		21-22	RTL:	2/1/2023
	pedestrian decess, and strengthen for truck			Con Sup:		22-23	Begin Con:	9/1/2023
2432 0116000029	permit load capacity.				00.041			
2432			0.1 \$21	1.240				
2432				1,340	\$9,941			
2432			Subtotal: \$31 Total Project C		\$9,941 \$41,281			
2432			Total Project C		*			
2432			Total Project C	Cost: e(s) is authorized 201.112 B	\$41,281	Replacem	ent and Upgra	de
2432 0116000029 New	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated.	0F350	* PA&ED phase Program Code Performance Mo	Cost: e(s) is authorized 201.112 B	\$41,281 ridge Rail inear Feet	Replacem	ent and Upgra	
2432 0116000029 New Long Lead	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade	0F350 2022-23	* PA&ED phase Program Code Performance Mo	Cost: 2(s) is authorized 201.112 B easure 1328 L	\$41,281 rridge Rail inear Feet \$2,434	18-19 19-20	<u> </u>	4/25/2020 7/7/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and		* PA&ED phase Program Code Performance Mo	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade		* PA&ED phase Program Code Performance Mo	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342	18-19 19-20	PA&ED: R/W Cert:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and		* PA&ED phase * PAOED phase Program Code Performance Mo R/W: : Const: \$34	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and		* PA&ED phase * PAGED phase Program Code Performance Mo R/W: : Const: \$34	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and		* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence		* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes		* PA&ED phase Program Code Performance Mo R/W: \$34 Const: \$34 Subtotal: \$34 Total Project C * PA&ED phase	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: e(s) is authorized	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133	18-19 19-20 19-20 22-23	PA&ED: R/W Cert: RTL: Begin Con:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence		* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 2(s) is authorized 201.113 B	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133	18-19 19-20 19-20 22-23	PA&ED: R/W Cert: RTL: Begin Con:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances.	2022-23	* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: e(s) is authorized 201.113 B easure 1 B	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133	18-19 19-20 19-20 22-23	PA&ED: R/W Cert: RTL: Begin Con:	4/25/2020 7/7/2022 8/23/2022 1/12/2023
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental		* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W:	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 2(s) is authorized 201.113 B	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 ridge Seisi	18-19 19-20 19-20 22-23	PA&ED: R/W Cert: RTL: Begin Con:	4/25/2020 7/7/2022 8/23/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W:	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup:	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 ridge Seisi ridge(s) \$5,433 \$5,113 \$216	18-19 19-20 19-20 22-23 mic Restor	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: 53 Const: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W:	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 5,813 PS&E:	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 ridge Seisi ridge(s) \$5,433 \$5,113 \$216	18-19 19-20 19-20 22-23 mic Restor	PA&ED: R/W Cert: RTL: Begin Con: ration PA&ED: R/W Cert:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9 2301B	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W: Const: \$26	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup:	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 ridge Seiseridge(s) \$5,433 \$5,113 \$216 \$4,632	18-19 19-20 19-20 22-23 mic Restor Prior 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9 2301B	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W: Const: \$26	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup: Con Sup:	\$41,281 ridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 ridge Seisi ridge(s) \$5,433 \$5,113 \$216	18-19 19-20 19-20 22-23 mic Restor Prior 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9 2301B	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W: Const: \$26 Subtotal: \$26 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 rridge Seisi rridge(s) \$5,433 \$5,113 \$216 \$4,632	18-19 19-20 19-20 22-23 mic Restor Prior 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9 2301B	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R. Seismic retrofit.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W: Const: \$26 Subtotal: \$26 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 rridge Seisi rridge(s) \$5,433 \$5,113 \$216 \$4,632	18-19 19-20 19-20 22-23 mic Restor Prior 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022
2432 0116000029 New Long Lead 01-Humboldt-96 22.9 2423 0115000114 New Long Lead 01-Humboldt-101 M53.9 2301B	Note: Complexity of environmental studies and lengthy coordination with environmental agencies is anticipated. Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access. Note: Complexity of alternatives and presence of cultural resources, additional design changes and mitigations require extensive environmental consultations and clearances. In Rio Dell, at Eel River Bridge No. 04-0016R.	2022-23 0A111	* PA&ED phase Program Code Performance Mo R/W: \$34 Subtotal: \$34 Total Project C * PA&ED phase Program Code Performance Mo R/W: Const: \$26 Subtotal: \$26 Total Project C	201.112 B easure 1328 L \$138 * PA&ED: 4,640 PS&E: R/W Sup: Con Sup: 4,778 Cost: 201.113 B easure 1 B \$44 * PA&ED: 6,813 PS&E: R/W Sup: Con Sup:	\$41,281 rridge Rail inear Feet \$2,434 \$2,648 \$342 \$6,931 \$12,355 \$47,133 rridge Seisuridge(s) \$5,433 \$5,113 \$216 \$4,632 \$15,394 \$42,251	18-19 19-20 19-20 22-23 mic Restor Prior 20-21 20-21 22-23	PA&ED: R/W Cert: RTL: Begin Con: PA&ED: R/W Cert: RTL: Begin Con:	4/25/2020 7/7/2022 8/23/2022 1/12/2023 5/1/2021 8/1/2022 8/1/2022



								1.	Caltrans
Dist-Co-Rte Post Mile							COS		
PPNO		EA				A	Allocatio	n	
EFIS	Location/Description	Prog Year	· Capi	ital	Suppo	ort	FY	Miles	stones
MANDATES									
09-Inyo-395	Near Bishop, from North See Vee Lane to North	36680	R/W:	\$6,378	* PA&ED:	\$1,530	18-19	PA&ED:	10/1/2020
117.3/117.8	Barlow Lane. Upgrade Americans with Disabilities Act (ADA) curb ramps, driveways,	2023-24	Const:	\$9,901	PS&E:	\$3,340	20-21	R/W Cert:	10/2/2023
2641 0916000021	and pedestrian push buttons, refresh striping,				R/W Sup: Con Sup:	\$1,670 \$2,190	20-21 23-24	Begin Con:	11/20/2023 6/19/2024
0910000021	relocate signals, and improve pedestrian and				Con Sup.	\$2,190	23-24	Begin con.	0/19/2024
	bicycle access.		Subtotal:	\$16,279		\$8,730			
			Total Proj	ect Cost:		\$25,009			
			* PA&ED p	hase(s) is	authorized				
New	Note: Potential R/W acquisition difficulties may		Program Co					oilities Act Nev	w Curb Ramp
Long Lead	delay schedule and increase cost.		Performanc	e Measur	e 15 C	urb Ramp((s)		
ROADWAY PRES									
06-Kern-119	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate	0V610	R/W:		* PA&ED:	\$3,200	Prior	PA&ED:	9/1/2020
28.2/31.3 6805	roadway including reconstruction of travel lanes	2023-24	Const:	\$26,500	PS&E: R/W Sup:	\$2,500 \$6,300	20-21 20-21	R/W Cert: RTL:	9/1/2023 10/2/2023
0616000222	with Jointed Plain Concrete Pavement (JPCP),				Con Sup:	\$4,600	23-24	Begin Con:	3/1/2024
	widen intersections and shoulders to meet current standards, add bicycle lanes, median		Cl-4-4-1-	\$40,700		\$16,600		I	
	lane to accommodate two-way turning, install		Subtotal: Total Proje			\$57,300			
	drainage inlets and stormwater basin, sidewalks and upgrade ADA ramps to current standards.		* PA&ED p		authorized	\$37,500			
			1						
	Note: Project involves 70 affected parcels.		Program Co	nde	201.120 R	oadway Re	ehahilitati	on (3R)	
Carryover Long Lead	Permits may be delayed if property owners are unresponsive.		Performance			ane Mile(s		on (SIC)	
BRIDGE PRESER							<u>/</u>		
01-Mendocino-101	Near Hopland, from 0.1 mile south to 0.3 mile	0A130	R/W:	\$600	* PA&ED:	\$1,176	18-19	PA&ED:	10/1/2021
9.2/9.9	north of Russian River Bridge No. 10-0082 (PM		Const:	\$44,499	PS&E:	\$1,953	21-22	R/W Cert:	1/15/2023
4526	9.24). Bridge seismic and rail upgrade and				R/W Sup:	\$165	21-22	RTL:	2/1/2023
0116000001	widen for standard shoulders with partial or complete structure replacement.				Con Sup:	\$9,351	22-23	Begin Con:	8/1/2023
			Subtotal:	\$45,099		\$12,645			
			Total Proj	ect Cost:		\$57,744			
			* PA&ED p	hase(s) is	authorized				
v			Program Co	nde	201.113 Bi	ridge Seisi	mic Resto	ration	
New Long Lead	Note: Lengthy railroad coordination, environmental and geotechnical challenges.		Performanc			ridge(s)	inic resto	iunon	
COLLISION RED	UCTION								
09-Mono-395	Near Bridgeport, from north of Route 270	36940	R/W:	\$471	* PA&ED:	\$1,300	18-19	PA&ED:	4/1/2021
69.9/71.9	Junction to Green Creek Road. Widen shoulders to eight feet, install rumble strips,	2023-24	Const:	\$7,623	PS&E:	\$1,240	20-21	R/W Cert:	4/18/2023
2639 0917000014	improve sight distance, and upgrade signing and				R/W Sup: Con Sup:	\$590 \$2,330	20-21 23-24	RTL: Begin Con:	7/14/2023 1/23/2024
0)1/000014	striping to current standards.				Con Sup.	\$2,330	23-24	Begin com.	1/23/2024
			Subtotal:	\$8,094		\$5,460			
			Total Proj	ect Cost:		\$13,554			
			* PA&ED p	hase(s) is	authorized				
			Program Co	ndo.	201 015 C	ollision Se	everity Re	duction	
New	Note: Inadequate suitable area for		riogiam Ca	Jue	201.015 C				



						Caltrans
Dist- Co-Rte Post Mile					COS	
PPNO		EA			Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
09-Mono-395 91.6/93.4	Near Bridgeport, from Burcham Flat Road to 0.3 mile south of Route 395/108 Junction.	36800 2022-23	R/W: \$1,855 Const: \$12,567		,395 18-19 ,764 20-21	PA&ED: 6/1/2021 R/W Cert: 6/8/2023
2460	Widen shoulders, install rumble strips, and	2022 25	Const. \$12,507		\$395 20-21	RTL: 6/8/2023
0917000011	correct superelevation at three curves.			Con Sup: \$2	,084 22-23	Begin Con: 12/14/2023
			Subtotal: \$14,422		,638	
			Total Project Cost:	\$20	,060	
			* PA&ED phase(s) is	authorized		
New			Program Code	201.015 Collisi	on Severity Red	duction
Long Lead	Note: Potential requirement of 404 permit.		Performance Measure	e 55 Collisi	ons Reduced	
<u>BRIDGE PRESEI</u>	RVATION					
05-Monterey-1	Near Lucia from 0.1 mile south to 0.2 mile north of Limekiln Creek Bridge No. 44-0058.	1F510	***		,500 Prior	PA&ED: 12/2/2021
20.9/21.3 2524	Replace bridge.	2024-25	Const: \$64,644	PS&E: R/W Sup:	\$0 21-22 \$416 21-22	R/W Cert: 3/5/2025 RTL: 4/3/2025
0514000004				Con Sup: \$13	,865 24-25	Begin Con:
			Subtotal: \$65,348	\$17	,781	
			Total Project Cost:	\$83	,129	
			* PA&ED phase(s) is	authorized		
	Note: Potential R/W concerns relating to a State	÷	Program Code	201.110 Bridge	Maior Rehabil	itation
Carryover Long Lead	Park and complexity and duration of environmental studies.		Performance Measure			
05-Monterey-1	Near Carmel-by-the-Sea, at the Garrapata Creek Bridge No. 44-0018. Replace bridge railing to				,600 18-19	PA&ED: 4/2/2021
63.0 2696	meet current traffic safety standards.	2022-23	Const: \$3,000		,900 20-21 \$130 20-21	R/W Cert: 10/21/2022 RTL: 2/14/2023
0516000163				Con Sup: \$1		Begin Con:
			Subtotal: \$3,005	\$4	,930	
			Total Project Cost:	\$7	,935	
			* PA&ED phase(s) is	authorized		
New	Note: Due to the complexity and duration of environmental studies, including a Coastal		Program Code	201.112 Bridge	e Rail Replacem	ent and Upgrade
Long Lead	Development Permit.		Performance Measure	e 603 Linear	Feet	
OADWAY PRE	<u>SERVATION</u>					
05-Monterey-1	Near Lucia, north of Mill Creek Bridge.	0P300			,376 18-19	PA&ED: 9/1/2021
18.5/18.7 3030	Stabilize highway segment caused by erosion.	2024-25	Const: \$9,402		\$,748 21-22 \$185 21-22	R/W Cert: 12/1/2024 RTL: 1/2/2025
0516000047				•	,400 24-25	Begin Con: 6/1/2025
			Subtotal: \$9,502	\$9	,709	
			Total Project Cost:		,709 , 211	
	Note: Environmental Permits may require more		* PA&ED phase(s) is	authorized		
	than standard storm water treatment BMPs. This would affect cost, project foot print, possible	S	_		_	
New Long Lead	R/W needs, and additional area for		Program Code	201.150 Roadw	•	Betterments
Long Leaa	environmental review.		Performance Measure	e 1 Locati	on(s)	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocatio FY		stones
	•	1105 1001	Сиргия		Бирро			172210	
04-Napa-29 28.4/29.3 1462K 0416000375	VATION 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: Const: \$	\$748 ° 54,188	PS&E: PS&E: R/W Sup: Con Sup:	\$1,040 \$800 \$500 \$800	18-19 20-21 20-21 22-23	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2021 1/3/2023 4/3/2023 10/2/2023
			Subtotal: \$ Total Project	64,936 Cost:		\$3,140 \$8,076			
			* PA&ED phas	se(s) is a	uthorized				
New Long Lead	Note: Complexity and duration of environmental and right of way issues due to fish passage permitting and potential condemnation.		Program Code Performance M			ridge Rail near Feet	Replacem	ent and Upgra	de
BRIDGE PRESER	VATION								
03-Sacramento-5 23.6/24.3 5863 0316000190	In the city of Sacramento, at the West End Viaduct No. 24-0069L/R. Improve to standard truck capacity.	1H610 2023-24	R/W: Const: \$12		PA&ED: PS&E: R/W Sup: Con Sup:	\$5,700 \$5,800 \$400 \$24,000	Prior 19-20 19-20 23-24	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2020 7/14/2023 9/1/2023 3/6/2024
			Subtotal: \$12 Total Project		5	\$35,900 \$156,800			
			* PA&ED phas	se(s) is a	uuthorized				
Carryover Long Lead	Note: Schedule risk due to railroad coordination, land acquisitions, hazardous material, public input, and environmental permitting.		Program Code Performance M			rans Permi	it Require	ments for Brid	ges
BRIDGE PRESER	VATION								
08-San Bernardino-40 153.9/154.7 3001S 0812000067	Near Needles, from Park Moabi Road to Topock Road at the Colorado River Bridge No. 54 -0415. Bridge rehabilitation and/or replacement. Caltrans will be the lead agency and will share half of all costs with ADOT as	k 0R380 2023-24	R/W: Const: \$2	\$169 ° 28,800	* PA&ED: PS&E: R/W Sup: Con Sup:	\$2,650 \$3,759 \$431 \$8,332	Prior 20-21 20-21 23-24	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2021 2/1/2023 8/15/2023 4/15/2024
	indicated via a signed Letter of Intent.		Subtotal: \$2 Total Project			\$15,172 \$44,141			
			* PA&ED phas	se(s) is a	uthorized				
Carryover Long Lead	Note: Complexity of environmental and geotechnical investigations. Extensive coordination required with Arizona resource agencies.		Program Code Performance M		201.110 Bi	ridge Majo ridge(s)	or Rehabil	itation	
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	42220 2023-24	R/W: Const: \$1	\$303 * 4,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,244 \$3,680 \$262 \$4,073	18-19 23-24 23-24 23-24	PA&ED: R/W Cert: RTL: Begin Con:	5/31/2022 3/13/2024 4/18/2024 11/7/2024
	fish passage and improve water quality by replacing existing creek crossings with natural bottom bridges.		Subtotal: \$1 Total Project	4,603 Cost:		\$10,259 \$24,862			
			* PA&ED phas	se(s) is a	uthorized				
New Long Lead	Note: Extensive coordination with external agencies and extensive hydrological and environmental studies.		Program Code Performance M		201.335 St 140.0 Ac				



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PRYOR PROSECUTION Program Pr	Dist-Co-Rte					COS		
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11-Star Diego-15 In the city of San Diego and Coronado from San 40,000 Row PASED \$2,593 Row PASED \$2,500 Row		Location/Description	Prog Year	· Capital	Support	FY	Milestor	nes
11-Star Diego-15 In the city of San Diego and Coronado from San 40,000 Row PASED \$2,593 Row PASED \$2,500 Row	DDIDCE DDESED	VATION						
Pose			10010	P. (11.1	+ D + 0 ED	ъ.		(0.0 /0.1.0
Materials Commont of Coverceousing, Bridge rehabilitation Subtential Subte	•							
1112000071 Substitution Subst			IBD	Const:				
Subtoular Subt								
Note: Extensive studies using most current seasons logical and georate integral model and easing bridge pulse. Program Code 201.110 Bridge Major Rehabilitation	11120000,1				con sup.			155
Note: Extensive studies using most current sectamological and geotechnical models are needed in existing bridge plots. 19 19 19 19 19 19 19 1				Subtotal: \$0	\$2,593			
Note: Extensive studies using most current seismological and geotechnical models are meded to evaluate the existing bridge place.				Total Project Cost:	\$2,593			
Note: Extensive studies using most current seismological and geotechnical models are meded to evaluate the existing bridge place.				* D (0 ED = L == (-) :=				
Program Code 201.110 Bridge Major Rehabilitation				* PA&ED pnase(s) is	autnortzea			
Program Code 201.110 Bridge Major Rehabilitation		Note: Extensive studies using most current						
1.8an Diego-163 In the city of San Diego, at various locations 4301 R.W. \$2.56 * PA&ED. \$4.70 8.19 PA&ED. \$7.290,2025 1.76 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Overcrossing Bridge No. 57 20124-25 0.216K to Washington Street Present Washington Street W	Carryover			Program Code	201.110 Bridge Maj	jor Rehabil	itation	
1.6.2.8 From Quince Street Overcrossing Bridge No. 57 2024-25 2024-25 2024-25 2024 2022 2023 2023 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2024-25 2023 2024-25	Long Lead			Performance Measur	e 1 Bridge(s)			
1.6.2.8 From Quince Street Overcrossing Bridge No. 57 2024-25 2024-25 2024-25 2024 2022 2023 2023 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2023 2024-25 2024-25 2023 2024-25	11-San Diego-163	In the city of San Diego, at various locations	43013	R/W: \$256	* PA&ED: \$4.740	18-19	PA&FD: 7/	/29/2022
Bridge No. 57-0220. Replace bridge rail within Cabrillo Freeway Historic District. Subtotal: \$9,729 \$10,994	•							
Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. Carryover Construct District District Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. Carryover Construction and the networks and and needs to be replaced. The replaced as a result of the new bridge location. The new bridge location The new bridge location The new bridge location The new bridge location. The new bridge location The new bridge location. The new bridge location The new bridge location. The new bridge location. The new bridge location The new bridge location. The new bridge locati	1276			•	R/W Sup: \$212	22-23	RTL: 3	3/7/2025
Note: Extensive environmental studies are needed because all bridge locations are within a Historic District. Note Program Code Progra	1117000171				Con Sup: \$3,633	24-25	Begin Con: 7/	11/2025
Note: Extensive environmental studies are needed because all bridge locations are within a Historic District. Program Code 201.112 Bridge Rail Replacement and Upgrade Performance Measure 1959 Linear Feet		Cabrillo Freeway Historic District.		C. 1	\$10,004		•	
***PA&ED phase(s) is authorized** ***PA&ED phase(s				,	•			
Note: Extensive environmental studies are needed because all bridge locations are within a Historic District. Program Code 201.112 Bridge Rail Replacement and Upgrade Performance Measure 1959 Linear Feet				Total Project Cost:	\$20,723			
Note: Extensive environmental studies are needed because all bridge locations are within a Historic District. Program Code 201.112 Bridge Rail Replacement and Upgrade Performance Measure 1959 Linear Feet				* PA&ED phase(s) is	authorized			
New Decede because all bridge locations are within a Historic District. Performance Measure 1959 Linear Feet 195				F ()				
Description District Distri		Note: Extensive environmental studies are						
Description				_	•	•	ent and Upgrade	
10-San Joaquin-5 Bridge No. 29-0176L/R. Bridge rehabilitation to address structural and load carrying capacity deficiencies. 1012000259 10130000259 10130000259 10130000259 10130000259 10130000259	Long Lead	Historic District.		Performance Measur	e 1959 Linear Feet	t		
Second Program Code Construction and the demolished. The bridge is sour critical and heeds to be realigned as a result of the new bridge location. The new bridge location of the location and the demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge location and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge location are protected walkway. Carryover Note: Complexity and duration of Program Code Const. Subtotal:	BRIDGE PRESER	<u>EVATION</u>						
Second Program Code Construction and the demolished. The bridge is sour critical and heeds to be realigned as a result of the new bridge location. The new bridge location of the location and the demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge location and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge location are protected walkway. Carryover Note: Complexity and duration of Program Code Const. Subtotal:			0X460	R/W: \$0	* PA&ED: \$4.169	Prior	PA&ED: 10/	/30/2020
Carryover Long Lead Note: Due to the complexity of project longer Long Lead Note: Due to the complexity of project longer Long Lead Note: Due to the complexity of project longer Long Lead Program Code Program Code Program Code Performance Measure 2 Bridge(s) BRIDGE PRESERVATION	•				. ,			
Subtotal: \$815,000 \$4,169 Total Project Cost: \$819,169 *PA&ED phase(s) is authorized *Parformance Measure Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. *Parformance Measure Performance Measure 2 Bridge(s) **BRIDGE PRESERVATION 05-San Luis Obispo-1 00/00,3 Bridge No. 49-0042; also in Santa Barbara 2022-23 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. **PA&ED phase(s) is authorized	3133				R/W Sup:	20-21		
PA&ED phase(s) is authorized **Paweigh Secondary	1012000259	deficiencies.			Con Sup:	TBD	Begin Con: 5/	/30/2025
PA&ED phase(s) is authorized **Paweigh Secondary				Subtotal: \$815,000	\$4 169			
**PA&ED phase(s) is authorized **Program Code								
Carryover Long Lead Note: Due to the complexity of project longer design time are anticipated. Program Code Performance Measure 2 Bridge (s) BRIDGE PRESERVATION 05-San Luis Obispo-1 0.0/0.3 Bridge No. 49-0042; also in Santa Barbara 2055 0516000074 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. Carryover Note: Complexity and duration of Program Code 201.110 Bridge Major Rehabilitation 2021-110 Bridge Major Rehabilitation 201.110 Bridge Major Rehabilitation				Total Project Cost.	3017,107			
Right Carryover Note: Complexity and duration of Performance P				* PA&ED phase(s) is	authorized			
Right Carryover Note: Complexity and duration of Performance P								
Right Carryover Note: Complexity and duration of Performance P				Duoguam Coda	201 110 Pridge Mei	or Dahahil	itation	
BRIDGE PRESERVATION 05-San Luis Obispo-1 0.0/0.3 Bridge No. 49-0042; also in Santa Barbara 2022-23 2650 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. Carryover Note: Complexity and duration of Program Code R/W: \$530 * PA&ED: \$2,294 Prior PA&ED: 3/1/2020 R/W Cert: 9/1/2022 R/W Sup: \$455 19-20 Con Sup: \$9,660 22-23 Begin Con: Subtotal: \$28,991 \$16,699 Total Project Cost: \$45,690 ** PA&ED phase(s) is authorized** *PA&ED phase(s) is authorized** Program Code 201.110 Bridge Major Rehabilitation				9		joi Kenabii	паноп	
O5-San Luis Obispo-1 O.0/0.3 Bridge No. 49-0042; also in Santa Barbara 2022-23 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. Carryover Note: Complexity and duration of Near Guadalupe, at the Santa Maria River 1H440 R/W: \$530 * PA&ED: \$2,294 Prior PA&ED: 3/1/2020 R/W Cert: 9/1/2022 R/W Cert: 9/1/2022 RODS: \$9,660 22-23 Begin Con: Subtotal: \$28,991 \$16,699 Total Project Cost: \$45,690 **PA&ED phase(s) is authorized* Program Code 201.110 Bridge Major Rehabilitation	Long Leau	design time are anticipated.		reriormance Measur	e 2 Bridge(s)			
Bridge No. 49-0042; also in Santa Barbara 2022-23 Const: \$28,461 PS&E: \$4,290 19-20 R/W Cert: 9/1/2022 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. Carryover Note: Complexity and duration of Program Code 201.110 Bridge Major Rehabilitation	BRIDGE PRESER	RVATION						
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. Carryover Note: Complexity and duration of Con Sup: \$455 19-20 RTL: 10/1/2022 Begin Con: Subtotal: \$28,991 \$16,699 Total Project Cost: \$45,690 *PA&ED phase(s) is authorized Program Code 201.110 Bridge Major Rehabilitation	05-San Luis Obispo-1		1H440	R/W: \$530	* PA&ED: \$2,294	Prior	PA&ED:	3/1/2020
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. Carryover Note: Complexity and duration of Con Sup: \$9,660 22-23 Begin Con: Subtotal: \$28,991 \$16,699 Total Project Cost: \$45,690 *PA&ED phase(s) is authorized Program Code 201.110 Bridge Major Rehabilitation			2022-23	Const: \$28,461	· · · · · · · · · · · · · · · · · · ·			
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. **PA&ED phase(s) is authorized* **PA&ED phase(s) is authorized* **Pa&ED phase(s) is authorized* **Pa&ED phase(s) is authorized*								0/1/2022
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. Carryover Note: Complexity and duration of Subtotal: \$28,991 \$16,699 Total Project Cost: \$45,690 **PA&ED phase(s) is authorized **PA&ED phase(s) is authorized	0516000074				Con Sup: \$9,660	22-23	Begin Con:	
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. Total Project Cost: \$45,690 *PA&ED phase(s) is authorized *PadeD phase(s) is authorized Program Code 201.110 Bridge Major Rehabilitation		construction and then demolished. The highway		Subtotal: \$28,991	\$16,699			
standard lane and shoulder widths and include a protected walkway. *PA&ED phase(s) is authorized *PadeD phase(s) is authorized *PadeD phase(s) is authorized								
**PA&ED phase(s) is authorized **Carryover* Note: Complexity and duration of **Program Code **201.110 Bridge Major Rehabilitation				•	,			
Carryover Note: Complexity and duration of Program Code 201.110 Bridge Major Rehabilitation				* PA&ED phase(s) is	authorized			
Carryover Note. Complexity and duration of		· ·						
Carryover Note. Complexity and duration of	C	N. C. I. i. II. i		Program Code	201 110 Bridge Mai	ior Rehabil	itation	
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		en monnium studies.		1 Crioi mance ivicasui	· i Diluge(s)			



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	Detailon/Description	1105 1041	Сириш	Биррого		THIESEOTICS
MANDATES 04-San Mateo-82 12.9/15.9 0730D	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to ADA	1G900 2022-23	R/W: \$844 Const: \$9,120		\$3,320 Prio \$1,200 20-2 \$700 20-2	1 R/W Cert: 2/1/202
0400020619	standards.		Subtotal: \$9.96	Con Sup:	\$1,000 22-2	
			Subtotal: \$9,964 Total Project Cost		\$6,220 16,184	
			* PA&ED phase(s) i	is authorized		
Carryover Long Lead	Note: Complex environmental studies due to presence of historic resource (Tree Rows), and public opposition to potential tree removal.		Program Code Performance Measu	201.378 Infra		isabilities Act Pedestrian
ROADWAY PRES	ERVATION					
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 ADA standards.	0K810 2023-24	R/W: \$2,21: Const: \$86,06	1 PS&E:	\$8,181 Prio \$8,181 21-2 \$4,091 21-2 12,270 23-2	2 R/W Cert: 11/1/202. 2 RTL: 2/1/202.
			Subtotal: \$88,270 Total Project Cost		32,723 20,999	
			* PA&ED phase(s) i	is authorized		
Carryover Long Lead	Note: Presence of historic trees, potential to disturb nesting birds, public opposition to tree removal, complexity and duration of environmental studies.		Program Code Performance Measu	201.120 Road	dway Rehabili e Mile(s)	tation (3R)
COLLISION RED	UCTION					
05-Santa Barbara-1 R35.0/49.2 2667 0516000097	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: \$4,05: Const: \$15,40	PS&E: S	\$1,736 18-1 \$1,942 20-2 \$1,237 20-2 \$4,379 23-2	1 R/W Cert: 7/14/202. 1 RTL: 7/14/202.
	2000.		Subtotal: \$19,454 Total Project Cost		\$9,294 28,748	
			* PA&ED phase(s) i	is authorized		
New Long Lead	Note: Complex environmental studies will be required due to endangered species existing within project limits.		Program Code Performance Measu		ision Severity	
BRIDGE PRESER	VATION					
05-Santa Barbara-101 R36.6 2448 0513000018	Near Goleta, at Refugio Road Undercrossing No. 51-0215L/R. Replace bridges.	1C950 2022-23	R/W: \$20 Const: \$34,640		\$2,200 Prio \$0 19-2 \$100 19-2 \$0 22-2	0 R/W Cert: 12/21/202. 0 RTL: 2/21/202.
			Subtotal: \$34,660 Total Project Cost		\$2,300 36,960	•
			* PA&ED phase(s)	is authorized		
Carryover	Note: Complexity and duration of		Program Code	201.110 Brid	lge Major Reha	abilitation
Long Lead	environmental studies.		Performance Measu	re 2 Brid	lge(s)	



							1.5	Laitrans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo		COS Allocation FY		stones
DO A DIVIA W DDE			<u> </u>	* *				
ROADWAY PRE 02-Shasta-299 R7.6/18.3 3680 0217000083	In and near the town of Shasta, from west of Crystal Creek Road to Trinity Alley. Roadway rehabilitation.	3H310 2024-25	R/W: \$6,2 Const: \$69,2	69 * PA&ED: 36 PS&E: R/W Sup: Con Sup:	\$4,130 \$5,110 \$490 \$6,820	Prior 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	5/2/2022 6/21/2024 7/22/2024 3/4/2025
			Subtotal: \$75,50 Total Project Cos		\$16,550 \$92,055			
			* PA&ED phase(s)	is authorized				
Carryover Long Lead	Note: Complex environmental studies due to impacts to 70 known cultural resources, biological sites and consultation with over 20 resource agencies.		Program Code Performance Meas	201.120 Ro sure 14.4 La	oadway Re		on (3R)	
BRIDGE PRESEI	RVATION							
02-Siskiyou-96 R7.9/R9.4 3622 0216000035	Near Somes Bar, from 0.6 mile east to 1.3 miles east of Irving Creek Bridge at Stanshaw Creek (PM R8.2); also, from 1.6 miles east of Irving Creek Bridge to 1.6 miles west of Ti Creek Bridge at Sandy Bar Creek (PM 9.1). Replace	1H780 2023-24	R/W: \$. Const: \$16,8.	37 * PA&ED: 30 PS&E: R/W Sup: Con Sup:	\$1,910 \$2,730 \$170 \$4,660	18-19 21-22 21-22 23-24	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2021 1/19/2024 2/20/2024 8/27/2024
	deteriorated large-diameter culverts with natural-bottom structures, reduce fish passage barriers, and adjust new approaches.		Subtotal: \$16,80 Total Project Cos		\$9,470 \$26,337			
			* PA&ED phase(s)	is authorized				
Carryover Long Lead	Note: Complexity and duration of environmental studies, and consultation with numerous agencies.		Program Code Performance Meas	201.110 Br sure 2 Br	idge Majo	or Rehabil	itation	
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 2 2023-24	R/W: \$	48 * PA&ED: 60 PS&E: R/W Sup: Con Sup:	\$1,720 \$2,740 \$160 \$2,840	18-19 21-22 21-22 23-24	PA&ED: R/W Cert: RTL: Begin Con:	9/7/2021 12/29/2023 1/29/2024 7/2/2024
			Subtotal: \$6,80 Total Project Cos		\$7,460 \$14,268			
			* PA&ED phase(s)	is authorized				
Carryover Long Lead	Note: Complexity and duration of environmental studies, and consultation with numerous agencies.		Program Code Performance Meas	201.110 Br sure 2 Br	idge Majo	or Rehabil	itation	
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: \$99 Const: \$19,76	93 * PA&ED: 60 PS&E: R/W Sup: Con Sup:	\$2,640 \$2,810 \$830 \$4,300	18-19 21-22 21-22 23-24	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 3/1/2023 10/1/2023 4/27/2024
			Subtotal: \$20,7. Total Project Cos		\$10,580 \$31,333			
			* PA&ED phase(s)	is authorized				
Carryover Long Lead	Note: Environmental approval requires 36 months due to Section 7 formal consultation with NOAA.		Program Code Performance Meas	201.111 Br sure 1 Br	idge Scou	r Mitigati	on	



Dist- Co-Rte Post Mile PPNO		EA			COS Allocatio	n
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
ROADWAY PRES	SERVATION .					
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). Rehabilitate pavement by placing Continuous Reinforced Concrete, rehabilitate bridge decks, median widening at three locations, upgrade bridge railings, and construct an auxiliary lane.	4F650 2023-24	R/W: \$866 Const: \$277,665 Subtotal: \$278,531 Total Project Cost:	* PA&ED: \$10,337 PS&E: \$18,186 R/W Sup: \$4,928 Con Sup: \$31,323 \$64,774 \$343,305	21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
			* PA&ED phase(s) is	authorized		
New Long Lead	Note: Lengthy railroad coordination, potential utility conflicts. Removal of oleander could result in negative public reaction and could impact classified landscape freeway status.		Program Code Performance Measur	201.120 Roadway R re 48.4 Lane Mile(on (3R)



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Pre 2018 SHOPP Projects

Projects allocated in prior SHOPP documents currently in construction.

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
01	1214000057	12	0N540	5011A	07/01/2018	Major Damage
02	1212000057	12	0H225	4096N	07/01/2018	Mobility
03	0712000108	07	29220	4504	07/02/2018	Safety
04	0712000107	07	29210	4503	07/02/2018	Safety
05	0714000223	07	30790	4774	07/02/2018	Pavement
06	0112000128	01	0B440	2342	07/04/2018	Major Damage
07	0714000101	07	30550	4728	07/05/2018	Safety
08	0812000026	08	0R120	0207J	07/05/2018	Safety
09	0417000305	04	4K390	1457B	07/05/2018	Major Damage
010	0812000336	08	1C610	0028C	07/05/2018	Mandates
011	0812000331	08	1C560	0186F	07/05/2018	Mandates
012	0712000100	07	27600	4173	07/05/2018	Mandates
013	0700020869	07	20211	4137	07/06/2018	Pavement
014	0712000030	07	29010	4489	07/06/2018	Safety
015	0700000517	07	27490	4151	07/06/2018	Mandates
016	0700000524	07	27590	4172	07/06/2018	Mandates
017	0712000216	07	29340	4550	07/09/2018	Safety
018	0713000013	07	29470	4583	07/09/2018	Pavement
019	0814000184	08	0G842	3001G	07/09/2018	Roadside Preservation
020	0714000151	07	30620	4736	07/10/2018	Pavement
021	1215000081	12	0N821	2200B	07/10/2018	Mobility
022	1214000108	12	0N780	2530G	07/10/2018	Mobility
023	1214000110	12	0N800	2864B	07/10/2018	Mobility
024	1212000058	12	0H226	4928B	07/10/2018	Mobility
025	0417000311	04	4K450	1457H	07/11/2018	Major Damage
026	0417000312	04	4K460	1457J	07/11/2018	Major Damage
027	0417000314	04	4K480	1457M	07/11/2018	Major Damage
028	0812000335	08	1C600	0234V	07/13/2018	Mandates
029	0712000068	07	29110	4493	07/13/2018	Mandates
030	0200000288	02	37890	3090	07/15/2018	Bridge
031	0400000482	04	1A290	0756F	07/15/2018	Bridge
032	0314000163	03	4F440	5847	07/15/2018	Mobility
033	1200000211	12	0H270	3184	07/15/2018	Drainage
034	0316000079	03	1H260	4295	07/15/2018	Major Damage
035	1012000313	10	0X560	3011	07/16/2018	Safety
036	0500000857	05	0T540	2285	07/16/2018	Safety
037	0812000337	08	1C620	0098F	07/16/2018	Mandates
038	0813000139	08	1E050	0050N	07/16/2018	Safety
039	0814000115	08	1E860	0014M	07/20/2018	Pavement
040	0713000149	07	29740	4614	07/20/2018	Safety
041	1100020258	11	40450	0905	07/25/2018	Mobility
042	0713000398	07	3X021	4656	07/25/2018	Major Damage

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
043	0214000063	02	4G820	3567	07/27/2018	Pavement
044	0715000132	07	3X711	4859	07/30/2018	Major Damage
045	0713000486	07	30210	4684	07/31/2018	Pavement
046	0714000244	07	30600	4733	07/31/2018	Roadway Preservation
047	0612000136	06	0E350	1772	07/31/2018	Safety
048	0413000125	04	4G970	0481F	07/31/2018	Safety
049	0700020935	07	28740	4414	07/31/2018	Safety
050	0712000034	07	29040	4490	07/31/2018	Mandates
051	0516000146	05	1H730	2683	08/01/2018	Major Damage
052	0616000129	06	0V300	6792	08/01/2018	Safety
053	0615000048	06	0S470	6730	08/01/2018	Pavement
054	1200000217	12	0H440	4051	08/01/2018	Mandates
055	0116000189	01	0G450	4651	08/01/2018	Major Damage
056	0112000114	01	0B300	1080	08/01/2018	Major Damage
057	0615000119	06	0T950	6804	08/01/2018	Safety
058	0516000165	05	1H820	2698	08/02/2018	Safety
059	1112000206	11	41490	1070	08/07/2018	Mobility
060	0700021033	07	28730	4406	08/16/2018	Mandates
061	0700020899	07	28710	4391	08/30/2018	Safety
062	0713000333	07	3X950	4575	08/30/2018	Major Damage
063	1013000049	10	40160	0126	08/30/2018	Pavement
064	0900020055	09	35080	0604	09/01/2018	Safety
065	0112000112	01	0B280	1078	09/01/2018	Major Damage
066	1212000104	12	0J650	4926D	09/01/2018	Mandates
067	0415000100	04	3J200	1488A	09/03/2018	Major Damage
068	0415000104	04	3J240	1488E	09/03/2018	Major Damage
069	0415000105	04	3J250	1488F	09/03/2018	Major Damage
070	0700000506	07	27240	4060	09/04/2018	Mandates
071	0413000296	04	4H880	0211Z	09/05/2018	Safety
072	0512000186	05	1C660	2420	09/06/2018	Safety
073	0715000280	07	31800	4916	09/10/2018	Bridge
074	0217000056	02	3H100	3677	09/10/2018	Major Damage
075	1016000059	10	1F270	3212	09/14/2018	Major Damage
076	1100000421	11	29910	1067	09/14/2018	Bridge
077	0417000279	04	4K210	1456F	09/17/2018	Major Damage
078	0417000290	04	4K270	1456E	09/17/2018	Major Damage
079	0915000045	09	36460	0660	09/19/2018	Safety
080	0217000075	02	3H260	3678	09/19/2018	Major Damage
081	0317000197	03	2H890	3632	09/19/2018	Major Damage
082	1100020311	11	29230	0916	09/20/2018	Mandates
083	0413000050	04	4G800	0130B	09/20/2018	Bridge
084	0700000533	07	27750	4197	09/24/2018	Mandates

No. Project ID Dist EA PPNO CCA Date Program 085 0700000534 07 27760 4198 09/24/2018 Mandates 086 0700000535 07 27770 4197 09/24/2018 Bridge 087 1114000024 11 41430 1123 09/28/2018 Bridge 089 1000000033 10 0F280 3248 09/28/2018 Bridge 090 1112000137 11 41080 1086 09/28/2018 Bridge 091 0413000055 04 46810 02508 09/28/2018 Bridge 092 1000020459 10 0U520 3005 09/28/2018 Bridge 093 0217000087 02 1H760 3646 09/28/2018 Bridge 094 081500057 08 1F840 3005E 09/28/2018 Safety 095 0815000057 08 1F840 3005E 09/28/2018 Safety <tr< th=""><th>Index</th><th></th><th></th><th></th><th></th><th></th><th></th></tr<>	Index						
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087 1114000024 11 41430 1123 09/24/2018 Bridge 088 1115000126 11 42150 1172 09/25/2018 Bridge 089 1000000033 10 0F280 3248 09/28/2018 Safety 091 0413000055 04 46810 0250B 09/28/2018 Bridge 092 1000020459 10 0U520 3005 09/28/2018 Safety 093 0217000087 02 1H760 3646 09/28/2018 Safety 094 0815000062 08 1F840 3005E 09/28/2018 Safety 095 0815000062 08 1F850 3004K 09/28/2018 Safety 095 0715000283 07 2750U 4157 10/01/2018 Safety 095 0715000283 07 2750U 4157 10/01/2018 Safety 096 0715000293 12 0M500 3401A 10/01/2018 Safety <	085	0700000534	07	27760	4198	09/24/2018	Mandates
088 1115000126 11 42150 1172 09/25/2018 Bridge 089 1000000033 10 0F280 3248 09/28/2018 Mandates 090 1112000137 11 41080 1086 09/28/2018 Bridge 091 0413000055 04 46810 02508 09/28/2018 Bridge 092 1000020459 10 0U520 3005 09/28/2018 Safety 093 0217000087 02 1H760 3646 09/28/2018 Safety 094 0815000062 08 1F850 3004K 09/28/2018 Safety 095 081500062 08 1F850 3004K 09/28/2018 Safety 095 0715000283 07 2750U 4157 10/01/2018 Mandates 097 0614000105 06 05310 3032 10/01/2018 Safety 098 1212000092 12 0M500 326 1654 10/01/2018 Safe	086	0700000535	07	27770	4197	09/24/2018	Mandates
089 1000000033 10 0F280 3248 09/28/2018 Mandates 090 1112000137 11 41080 1086 09/28/2018 Safety 091 0413000055 04 4G810 02508 09/28/2018 Bridge 092 1000020459 10 0U520 3005 09/28/2018 Safety 093 021700087 02 1H760 3646 09/28/2018 Major Damage 094 0815000062 08 1F850 3004K 09/28/2018 Safety 095 0815000062 08 1F850 3004K 09/28/2018 Safety 096 0715000283 07 2750U 4157 10/01/2018 Safety 096 0715000283 07 2750U 4157 10/01/2018 Safety 099 0814000059 08 1E650 0033S 10/01/2018 Safety 0100 0613000049 06 00260 6654 10/01/2018 Pavement <	087	1114000024	11	41430	1123	09/24/2018	Bridge
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094 0815000057 08 1F840 3005E 09/28/2018 Safety 095 0815000062 08 1F850 3004K 09/28/2018 Safety 096 0715000283 07 2750U 4157 10/01/2018 Safety 097 0614000105 06 0S310 3032 10/01/2018 Safety 098 121200092 12 0M500 3401A 10/01/2018 Safety 099 081400059 08 1E650 0033S 10/01/2018 Pavement 0100 0613000049 06 0Q260 6654 10/01/2018 Pavement 0101 0700001891 07 4Y700 4386 10/01/2018 Pavement 0102 1012000018 10 0W600 0326 10/01/2018 Major Damage 0104 0812000338 08 1C630 0012H 10/01/2018 Major Damage 0105 041700307 04 4K410 1457D 10/01/2018 Major	092	1000020459	10	0U520	3005	09/28/2018	Safety
095 0815000062 08 1F850 3004K 09/28/2018 Safety 096 0715000283 07 2750U 4157 10/01/2018 Mandates 097 0614000105 06 05310 3032 10/01/2018 Safety 098 1212000092 12 0M500 3401A 10/01/2018 Safety 099 0814000059 08 1E650 0033S 10/01/2018 Safety 0100 0613000049 06 0Q260 6654 10/01/2018 Pavement 0101 0700001891 07 4Y700 4386 10/01/2018 Bridge 0102 1012000018 10 0W600 0326 10/01/2018 Major Damage 0104 0812000338 08 1C630 0012H 10/01/2018 Major Damage 0106 071300037 04 4K410 1457D 10/01/2018 Major Damage 0106 071300034 07 29600 4597 10/01/2018	093	0217000087	02	1H760	3646	09/28/2018	Major Damage
096 0715000283 07 2750U 4157 10/01/2018 Mandates 097 0614000105 06 0S310 3032 10/01/2018 Safety 098 1212000092 12 0M500 3401A 10/01/2018 Safety 099 0814000059 08 1E650 0033S 10/01/2018 Safety 0100 0613000049 06 0Q260 6654 10/01/2018 Bridge 0101 0700001891 07 4Y700 4386 10/01/2018 Bridge 0102 1012000018 10 0W600 0326 10/01/2018 Major Damage 0103 0113000032 01 0C241 1098 10/01/2018 Major Damage 0104 0812000333 08 1C630 0012H 10/01/2018 Major Damage 0105 041700307 04 4K410 1457D 10/01/2018 Major Damage 0106 071300034 07 29600 4597 10/01/2018	094	0815000057	08	1F840	3005E	09/28/2018	Safety
097 0614000105 06 0S310 3032 10/01/2018 Safety 098 1212000092 12 0M500 3401A 10/01/2018 Safety 099 0814000059 08 16650 0033S 10/01/2018 Safety 0100 0613000049 06 0Q260 6654 10/01/2018 Pavement 0101 0700001891 07 4Y700 4386 10/01/2018 Bridge 0102 1012000018 10 0W600 0326 10/01/2018 Major Damage 0104 0812000338 08 1C630 0012H 10/01/2018 Major Damage 0104 0812000338 08 1C630 0012H 10/01/2018 Major Damage 0105 0417000307 04 4K410 1457D 10/01/2018 Major Damage 0107 0112000111 01 0B270 1077 10/01/2018 Major Damage 0108 0812000339 08 1C640 0033R 10/01/2018 <td>095</td> <td>0815000062</td> <td>08</td> <td>1F850</td> <td>3004K</td> <td>09/28/2018</td> <td>Safety</td>	095	0815000062	08	1F850	3004K	09/28/2018	Safety
098 1212000092 12 0M500 3401A 10/01/2018 Safety 099 0814000059 08 1E650 0033S 10/01/2018 Safety 0100 0613000049 06 00260 6654 10/01/2018 Pavement 0101 0700001891 07 4Y700 4386 10/01/2018 Bridge 0102 1012000018 10 0W600 0326 10/01/2018 Major Damage 0104 0812000338 08 1C630 0012H 10/01/2018 Major Damage 0105 0417000307 04 4K410 1457D 10/01/2018 Major Damage 0106 071300034 07 29600 4597 10/01/2018 Major Damage 0107 0112000111 01 08270 1077 10/01/2018 Major Damage 0108 0812000339 08 1C640 0033R 10/01/2018 Major Damage 0110 0217000097 07 29100 4492 10/01/20	096	0715000283	07	2750U	4157	10/01/2018	Mandates
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	0126	0412000027	04	3G210	2119Q	10/31/2018	Mandates

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0129	0315000119	03	0H270	9157	11/01/2018	Safety
0130	0300020420	03	1F400	5067	11/01/2018	Mobility
0131	1012000017	10	0W590	0303	11/01/2018	Pavement
0132	0216000103	02	2H120	3656	11/01/2018	Major Damage
0133	0112000184	01	0B690	3097	11/01/2018	Mandates
0134	0412021276	04	3G140	0371Q	11/01/2018	Mandates
0135	0616000025	06	0U710	6790	11/01/2018	Safety
0136	1013000078	10	0G340	4736	11/01/2018	Pavement
0137	0417000407	04	0P180	1461E	11/06/2018	Major Damage
0138	0300020597	03	3E050	5096	11/06/2018	Drainage
0139	0915000041	09	36580	0656	11/08/2018	Pavement
0140	0713000492	07	30070	4679	11/08/2018	Pavement
0141	0712000075	07	29080	4491	11/09/2018	Mandates
0142	0417000049	04	2K910	1452M	11/15/2018	Major Damage
0143	1000020638	10	0K021	5423Y	11/17/2018	Bridge
0144	0116000171	01	0G340	4648	11/19/2018	Major Damage
0145	0417000409	04	0P200	1461N	11/19/2018	Major Damage
0146	1113000044	11	29280	1088	11/21/2018	Mandates
0147	0413000132	04	4H010	0085X	11/23/2018	Safety
0148	1114000023	11	41440	1124	11/27/2018	Bridge
0149	1112000070	11	40930	1059	11/27/2018	Bridge
0150	0413000059	04	4G890	0086R	11/30/2018	Bridge
0151	0513000037	05	1F030	2476	11/30/2018	Safety
0152	0900020090	09	35210	0611	11/30/2018	Mandates
0153	0816000062	08	1G700	3004M	11/30/2018	Major Damage
0154	0112000127	01	0B430	2341	12/01/2018	Major Damage
0155	0612000106	06	0P290	6636	12/01/2018	Safety
0156	0113000013	01	0C590	7011	12/01/2018	Safety
0157	0600000188	06	0J530	6428	12/01/2018	Safety
0158	0112000134	01	0B510	4551	12/01/2018	Major Damage
0159	1200020267	12	0J610	2723A	12/01/2018	Mandates
0160	1200020268	12	0J620	2729A	12/01/2018	Mandates
0161	1200020269	12	0J630	2737A	12/01/2018	Mandates
0162	1013000050	10	3A730	0282	12/03/2018	Pavement
0163	0218000008	02	3H670	3698	12/05/2018	Major Damage
0164	1114000125	11	41910	1129	12/11/2018	Roadway Preservation
0165	0812000256	08	1C060	0015N	12/11/2018	Pavement
0166	0714000224	07	30800	4775	12/12/2018	Pavement
0167	0217000126	02	3H440	3692	12/14/2018	Major Damage
0168	0112000189	01	0B820	7009	12/15/2018	Safety

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0172 0800001010 08 0N560 0211S 12/17/2018 Bridge 0173 0800001011 08 0N591 0210K 12/17/2018 Bridge 0174 0400020618 04 1G860 0730C 12/20/2018 Bridge 0175 0714000222 07 30780 4773 12/20/2018 Pavement 0176 0712000008 07 29120 4494 12/20/2018 Pavement 0177 0814000196 08 1F280 3001C 12/21/2018 Bridge 0178 1100000392 11 29520 0919 12/28/2018 Major Damage 0180 0400001256 04 45660 0308I 12/28/2018 Major Damage 0181 0414000339 04 14560 0487N 12/28/2018 Major Damage 0182 0413000292 04 44560 0308I 12/28/2018 Major Damage 0183 0415000191 04 45640 01562 12/28/2018 </td <td>0170</td> <td>0815000101</td> <td>08</td> <td>0N971</td> <td>0258P</td> <td>12/17/2018</td> <td>Safety</td>	0170	0815000101	08	0N971	0258P	12/17/2018	Safety
0173 0800001011 08 0N591 0210K 12/17/2018 Bridge 0174 0400020618 04 16860 0730C 12/20/2018 Safety 0175 0714000222 07 30780 4773 12/20/2018 Pavement 0176 0712000008 07 29120 4494 12/20/2018 Mandates 0177 0814000196 08 1F280 3001C 12/21/2018 Bridge 0179 0412000635 04 1S558 0312T 12/28/2018 Major Damage 0180 0400001256 04 45660 03081 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Major Damage 0184 0412000491 04 4G490 0116Q 12/28/2018 Major Damage 0185 0415000191 04 3J740 1488Q 12/28	0171	0514000054	05	1F710	2542	12/17/2018	Pavement
0174 0400020618 04 16860 0730C 12/20/2018 Safety 0175 0714000222 07 30780 4773 12/20/2018 Pavement 0176 0712000008 07 29120 4494 12/20/2018 Mandates 0177 0814000196 08 1F280 3001C 12/21/2018 Bridge 0178 1100000392 11 29520 0919 12/28/2018 Major Damage 0180 0400001256 04 45660 0308J 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Major Damage 0183 040002154 04 26940 0522R 12/28/2018 Major Damage 0184 0412000491 04 46940 0116Q 12/28/2018 Major Damage 0185 0415000191 04 31740 14880 1	0172	0800001010	08	0N560	0211S	12/17/2018	Bridge
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0176 0712000008 07 29120 4494 12/20/2018 Mandates 0177 0814000196 08 1F280 3001C 12/21/2018 Bridge 0178 1100000392 11 29520 0919 12/28/2018 Major Damage 0179 0412000635 04 15558 0312T 12/28/2018 Major Damage 0180 0400001256 04 45660 03081 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Major Damage 0184 0412000491 04 4G490 01160 12/28/2018 Major Damage 0185 0415000191 04 3J740 1488Q 12/30/2018 Bridge 0186 0412000116 04 20950 0326A 12/30/2018 Bridge 0187 0214000006 02 4G380 3540 12	0174	0400020618	04	1G860	0730C	12/20/2018	Safety
0177 0814000196 08 1F280 3001C 12/21/2018 Bridge 0178 1100000392 11 29520 0919 12/28/2018 Safety 0179 0412000635 04 15558 0312T 12/28/2018 Major Damage 0180 0400001256 04 45660 03081 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Major Damage 0183 0400021254 04 26940 0522R 12/28/2018 Major Damage 0184 0412000191 04 3J740 1488Q 12/28/2018 Major Damage 0185 0415000191 04 3J740 1488Q 12/30/2018 Bridge 0186 0412000116 04 20950 0326A 12/30/2018 Major Damage 0187 0214000006 02 4G380 3540 <	0175	0714000222	07	30780	4773	12/20/2018	Pavement
0178 1100000392 11 29520 0919 12/28/2018 Safety 0179 0412000635 04 1SS58 0312T 12/28/2018 Major Damage 0180 0400001256 04 4S660 03081 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Major Damage 0183 0400021254 04 2G940 0522R 12/28/2018 Major Damage 0184 0412000491 04 4G490 0116Q 12/28/2018 Major Damage 0185 0415000191 04 3J740 1488Q 12/30/2018 Bridge 0186 0412000116 04 20950 0326A 12/30/2018 Bridge 0187 0214000060 02 4G380 3540 12/30/2018 Major Damage 0188 0400001044 04 3S910 0713G <	0176	0712000008	07	29120	4494	12/20/2018	Mandates
0179 0412000635 04 1SSS8 0312T 12/28/2018 Major Damage 0180 0400001256 04 4S660 0308J 12/28/2018 Major Damage 0181 0414000339 04 1A904 1067B 12/28/2018 Major Damage 0182 0413000292 04 4H860 0487N 12/28/2018 Safety 0183 0400021254 04 26940 0522R 12/28/2018 Major Damage 0184 0412000491 04 4G490 0116Q 12/28/2018 Major Damage 0185 0415000191 04 3J740 1488Q 12/28/2018 Major Damage 0186 0412000116 04 20950 0326A 12/30/2018 Bridge 0187 0214000006 02 4G380 3540 12/30/2018 Pavement 0188 0400001044 04 35910 0713G 12/30/2018 Major Damage 0189 0414000021 04 0J640 0480G	0177	0814000196	08	1F280	3001C	12/21/2018	Bridge
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0187 0214000006 02 4G380 3540 12/30/2018 Pavement 0188 0400001044 04 3S910 0713G 12/30/2018 Major Damage 0189 0414000021 04 0J640 0480G 12/31/2018 Pavement 0190 0414000421 04 2J070 1480S 12/31/2018 Safety 0191 0714000165 07 30640 4747 12/31/2018 Mobility 0192 0412000314 04 4G220 0775F 12/31/2018 Safety 0193 0212000011 02 4E640 3472 12/31/2018 Bridge 0194 0400020616 04 1G840 0730E 12/31/2018 Mandates 0195 0112000188 01 08830 4564 12/31/2018 Mandates 0197 0212000033 02 4E690 3478 12/31/2018 Roadside Preservation 0198 0413000122 04 4G980 0481D 12/31/2018<	0185	0415000191	04	3J740	1488Q	12/28/2018	Major Damage
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0208 1016000133 10 1F640 3222 01/11/2019 Major Damage 0209 0200000016 02 0E090 3346 01/15/2019 Bridge	0206	0712000015	07	28990	4485	01/10/2019	Mandates
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	0208	1016000133	10	1F640	3222	01/11/2019	Major Damage
0210 0112000138 01 0B560 4556 01/15/2019 Major Damage	0209	0200000016	02	0E090	3346	01/15/2019	Bridge
	0210	0112000138	01	0B560	4556	01/15/2019	Major Damage

No. Project ID Dist EA PPNO CCA Date Program 0211 0500000049 05 0700 7000 02/01/2019 Bridge 0212 0200000603 02 2E800 3426 02/01/2019 Mobility 0213 0812000165 08 0R780 0050L 02/01/2019 Safety 0214 0414000542 04 2J660 1482M 02/01/2019 Safety 0215 0217000141 02 3H550 3694 02/01/2019 Roadside Preservation 0216 1200000187 12 0H206 34211 02/01/2019 Roadside Preservation 0217 120002013 12 0H206 34211 02/01/2019 Roadside Preservation 0218 020002042 02 3E410 3435 02/06/2019 Bridge 0221 071200016 07 28810 4416 02/15/2019 Pavement 0221 0712000016 07 29000 4486 02	Index						
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0222 0713000484 07 30230 4686 02/15/2019 Pavement 0223 1213000116 12 0N110 4849C 02/15/2019 Major Damage 0224 0613000022 06 0G980 6349 02/15/2019 Pavement 0225 1112000141 11 41120 1084 02/15/2019 Bridge 0226 0112000293 01 0C430 4572 02/15/2019 Bridge 0227 0513000142 05 0N190 4019 02/27/2019 Mobility 0228 0814000175 08 0G770 9991C 02/28/2019 Mobility 0229 0700020927 07 28720 4405 02/28/2019 Mandates 0230 0412000490 04 46480 0780G 02/28/2019 Safety 0231 1212000090 12 0M490 2545 03/01/2019 Safety 0232 0612000108 06 0K810 6605 03/01/2019 B	0220	0700020994	07	28810	4416	02/15/2019	Pavement
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0240 0313000017 03 3F480 5103 04/01/2019 Safety 0241 0714000021 07 30140 4703 04/03/2019 Pavement 0242 1100000313 11 28230 0909 04/03/2019 Mandates 0243 0317000015 03 1H880 6249 04/05/2019 Safety 0244 0812000071 08 0R350 0107F 04/10/2019 Bridge 0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0238	0415000331	04	4J340	1490E	03/29/2019	Pavement
0241 0714000021 07 30140 4703 04/03/2019 Pavement 0242 1100000313 11 28230 0909 04/03/2019 Mandates 0243 0317000015 03 1H880 6249 04/05/2019 Safety 0244 0812000071 08 0R350 0107F 04/10/2019 Bridge 0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0239	0614000114	06	0S340	3034	03/30/2019	Pavement
0242 1100000313 11 28230 0909 04/03/2019 Mandates 0243 0317000015 03 1H880 6249 04/05/2019 Safety 0244 0812000071 08 0R350 0107F 04/10/2019 Bridge 0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0240	0313000017	03	3F480	5103	04/01/2019	Safety
0243 0317000015 03 1H880 6249 04/05/2019 Safety 0244 0812000071 08 0R350 0107F 04/10/2019 Bridge 0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0241	0714000021	07	30140	4703	04/03/2019	Pavement
0244 0812000071 08 0R350 0107F 04/10/2019 Bridge 0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0242	1100000313	11	28230	0909	04/03/2019	Mandates
0245 0214000143 02 0H200 3573 04/10/2019 Safety 0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0243	0317000015	03	1H880	6249	04/05/2019	Safety
0246 1215000008 12 0N910 2382 04/12/2019 Major Damage 0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0244	0812000071	08	0R350	0107F	04/10/2019	Bridge
0247 0218000028 02 3H750 3704 04/16/2019 Major Damage 0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0245	0214000143	02	0H200	3573	04/10/2019	Safety
0248 1012000039 10 0G720 0337 04/18/2019 Bridge 0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0246	1215000008	12	0N910	2382	04/12/2019	Major Damage
0249 0613000034 06 0Q320 6651 04/19/2019 Safety	0247	0218000028	02	3H750	3704	04/16/2019	Major Damage
			10	0G720			
0350 070000005 07 44701 0300N 04/30/3040 05 0000			06	0Q320	6651		Safety
	0250	0700000085	07	1170U	0309N	04/29/2019	Pavement
0251 1014000101 10 1C180 3091 04/30/2019 Pavement	0251	1014000101	10	1C180	3091		Pavement
0252 0412000347 04 1A672 0159Q 05/01/2019 Bridge	0252	0412000347	04	1A672	0159Q	05/01/2019	Bridge

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0253	1215000023	12	0P020	2442	05/01/2019	Safety
0254	0713000483	07	30260	4689	05/13/2019	Pavement
0255	0713000481	07	30220	4685	05/14/2019	Pavement
0256	1114000045	11	24400	1107	05/17/2019	Mobility
0257	0812000072	08	0R340	0200J	05/21/2019	Bridge
0258	1100020265	11	40570	1020	05/23/2019	Safety
0259	1100020271	11	40580	1022	05/24/2019	Mandates
0260	1213000036	12	0M910	4317	06/01/2019	Mandates
0261	0713000241	07	3X870	4567	06/12/2019	Major Damage
0262	0812000288	08	1C100	0179G	06/14/2019	Pavement
0263	0700020042	07	4Y850	4383	06/19/2019	Bridge
0264	0714000094	07	2838U	4328	07/01/2019	Safety
0265	0700021842	07	28270	4293	07/01/2019	Safety
0266	0713000012	07	29460	4584	07/01/2019	Safety
0267	0500020020	05	0G040	0040B	07/01/2019	Pavement
0268	0713000489	07	30080	4680	07/01/2019	Pavement
0269	1200020180	12	0L720	4124	07/01/2019	Safety
0270	0112000001	01	0A990	2329	07/01/2019	Safety
0271	0100000186	01	43060	0046D	07/01/2019	Bridge
0272	0113000124	01	0E100	2383	07/01/2019	Bridge
0273	0512000074	05	1C100	2358	07/01/2019	Safety
0274	0616000026	06	0U720	6793	07/01/2019	Safety
0275	0415000066	04	3G59U	8315V	07/01/2019	Pavement
0276	0615000050	06	0S490	6729	07/05/2019	Pavement
0277	0513000022	05	1C990	2458	07/08/2019	Safety
0278	1212000096	12	0M520	3089A	07/10/2019	Safety
0279	1113000018	11	41530	1103	07/12/2019	Safety
0280	0714000304	07	30980	4799	07/15/2019	Safety
0281	0316000080	03	0F351	6913	07/15/2019	Mobility
0282	0415000012	04	4A09A	0382E	07/15/2019	Bridge
0283	0700021272	07	25262	3725B	07/17/2019	Pavement
0284	0713000485	07	30060	4678	07/17/2019	Pavement
0285	0700020923	07	28670	4387	07/25/2019	Mandates
0286	0816000072	08	1E581	0238T	07/26/2019	Safety
0287	0715000064	07	31240	4834	07/30/2019	Mandates
0288	0213000094	02	4G250	3536	07/30/2019	Mandates
0289	0212000032	02	4E680	3477	07/30/2019	Safety
0290	0700021123	07	28910	4457	07/30/2019	Mobility
0291	0700021166	07	1W240	4580	07/31/2019	Bridge
0292	0614000038	06	0R140	3036	08/01/2019	Pavement
0293	0700000552	07	28150	4279	08/01/2019	Mandates
0294	0513000020	05	1C970	2456	08/01/2019	Safety

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0295	1213000101	12	0N090	4558A	08/01/2019	Safety
0296	0700000182	07	18312	2163A	08/05/2019	Pavement
0297	0516000151	05	1H780	2688	08/06/2019	Major Damage
0298	0716000112	07	32610	5036	08/06/2019	Major Damage
0299	1115000140	11	41852	0559	08/09/2019	Pavement
0300	1200020177	12	0J400	3174	08/15/2019	Pavement
0301	0713000154	07	29720	4616	08/15/2019	Safety
0302	0800000431	08	0L710	0242K	08/15/2019	Mandates
0303	0416000128	04	0K700	1495C	08/17/2019	Major Damage
0304	0716000306	07	33340	5180	08/28/2019	Major Damage
0305	0800020191	08	0Q300	0237P	08/30/2019	Safety
0306	0413000123	04	4H260	0133H	08/30/2019	Mandates
0307	0713000037	07	29580	4595	08/30/2019	Safety
0308	0713000194	07	29750	4617	09/05/2019	Safety
0309	0713000017	07	29530	4588	09/05/2019	Safety
0310	0416000119	04	4H751	0158G	09/10/2019	Safety
0311	0713000276	07	29860	4630	09/11/2019	Safety
0312	1100000215	11	26220	1063	09/13/2019	Bridge
0313	0414000518	04	2J460	1485C	09/13/2019	Major Damage
0314	0400020620	04	1G870	0730F	09/16/2019	Safety
0315	0400000772	04	28382	0832A	09/30/2019	Safety
0316	0300020462	03	2F080	9580	10/01/2019	Mandates
0317	0713000310	07	29930	4650	10/01/2019	Safety
0318	0713000335	07	3X960	4576	10/03/2019	Major Damage
0319	0213000031	02	4F770	3522	10/15/2019	Pavement
0320	0213000008	02	4F570	3513	10/15/2019	Bridge
0321	0212000012	02	4E650	3473	10/31/2019	Bridge
0322	0400000160	04	0A710	0044C	11/01/2019	Mobility
0323	0215000056	02	4G03U	3533	11/01/2019	Safety
0324	0112000283	01	0C370	4573	11/01/2019	Bridge
0325	0913000007	09	35780	0615	11/01/2019	Safety
0326	0612000114	06	0N990	6598	11/09/2019	Bridge
0327	0200020196	02	4E020	3449	11/15/2019	Pavement
0328	1113000115	11	00271	0778A	11/22/2019	Mobility
0329	0713000029	07	29620	4592	11/27/2019	Safety
0330	1212000018	12	0M350	4952B	12/01/2019	Safety
0331	0413000140	04	4H210	0636S	12/01/2019	Pavement
0332	0112000137	01	0B550	4555	12/01/2019	Major Damage
0333	0112000150	01	0B260	1076	12/01/2019	Safety
0334	0112000133	01	0B500	4550	12/02/2019	Major Damage
0335	0712000102	07	25840	3858	12/02/2019	Mandates
0336	0215000066	02	36841	3595	12/02/2019	Mobility
0336	0215000066	02	36841	3595	12/02/2019	Mobility

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0337	1214000066	12	0N600	5364	12/02/2019	Pavement
0338	0213000033	02	4F790	3524	12/02/2019	Mandates
0339	0713000033	07	29590	4596	12/09/2019	Safety
0340	0712000109	07	29230	4505	12/13/2019	Safety
0341	0313000239	03	3F920	4296	12/15/2019	Facilities
0342	1214000092	12	0N710	3143A	12/20/2019	Safety
0343	1115000139	11	41851	0558	12/30/2019	Pavement
0344	0413000258	04	4H200	0378E	12/30/2019	Pavement
0345	0415000334	04	4J370	16543	12/30/2019	Mobility
0346	0400020145	04	4S780	0315D	12/30/2019	Major Damage
0347	0417000130	04	4G115	0521K	12/31/2019	Mobility
0348	0416000348	04	3G641	0587G	12/31/2019	Bridge
0349	0200020154	02	3E720	3453	12/31/2019	Pavement
0350	1113000045	11	29200	1087	12/31/2019	Mandates
0351	0413000371	04	17245	0085Q	12/31/2019	Safety
0352	0213000057	02	4F990	3529	12/31/2019	Pavement
0353	0417000128	04	3G603	0521M	01/01/2020	Mobility
0354	0413000162	04	4H580	0483W	01/02/2020	Pavement
0355	0200000161	02	2C090	3212	01/02/2020	Bridge
0356	0812000098	08	0K291	0159J	01/15/2020	Pavement
0357	0200000022	02	0E180	3349	01/17/2020	Bridge
0358	0212000031	02	4E670	3476	01/17/2020	Roadside Preservation
0359	0213000005	02	4F550	3519	01/17/2020	Bridge
0360	1112000017	11	40870	1062	01/27/2020	Pavement
0361	0600020018	06	0K290	6744	02/01/2020	Mobility
0362	0713000314	07	29960	4652	02/07/2020	Safety
0363	1213000068	12	0M960	4096M	02/10/2020	Pavement
0364	0713000162	07	24070	3323	02/14/2020	Mobility
0365	0713000161	07	25710	3821	02/14/2020	Mobility
0366	0113000046	01	0C750	3095	02/15/2020	Safety
0367	0714000073	07	30460	4719	02/18/2020	Mobility
0368	0213000095	02	4G240	3535	02/27/2020	Bridge
0369	1014000145	10	1C300	5002	02/28/2020	Mobility
0370	1115000068	11	28882	1035	03/12/2020	Mobility
0371	0216000169	02	2H740	3665	03/12/2020	Major Damage
0372	0614000253	06	0S610	6724	03/16/2020	Major Damage
0373	0414000106	04	15500	0064A	03/20/2020	Mobility
0374	1112000193	11	41480	1068	03/30/2020	Safety
0375	0414000366	04	4G591	0729Q	04/01/2020	Major Damage
0376	0200000080	02	1C750	3208	04/15/2020	Bridge
0377	0500020290	05	0Q600	1989	04/17/2020	Mandates
0378	0214000022	02	4G520	3548	04/25/2020	Bridge

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0379	1214000075	12	0N640	2860M	05/21/2020	Safety
0380	0713000092	07	29680	4602	07/01/2020	Pavement
0381	0612000105	06	0K460	6601	07/01/2020	Bridge
0382	0713000435	07	30040	4676	07/01/2020	Mandates
0383	0412000644	04	2A11A	0348J	07/31/2020	Bridge
0384	0812000029	08	0R160	0206Y	07/31/2020	Safety
0385	0700020900	07	28660	4390	08/12/2020	Mandates
0386	0712000095	07	29170	4500	08/28/2020	Bridge
0387	0313000139	03	3F570	5959	09/01/2020	Bridge
0388	0712000016	07	29000	4486	09/02/2020	Safety
0389	0300000458	03	3C380	3258	10/01/2020	Mandates
0390	1213000100	12	0N080	2859A	10/01/2020	Safety
0391	0615000207	06	0U120	6751	10/01/2020	Bridge
0392	0614000009	06	0G851	6678	10/01/2020	Pavement
0393	0713000493	07	30300	4691	10/27/2020	Mandates
0394	0700021023	07	28820	4419	10/30/2020	Mandates
0395	0600020148	06	46150	6508	11/01/2020	Pavement
0396	0714000238	07	3009U	4681	12/24/2020	Pavement
0397	0517000044	05	49283	4928W	12/29/2020	Roadway Preservation
0398	0513000169	05	0T001	2267Y	12/31/2020	Safety
0399	0700000142	07	13820	0444E	12/31/2020	Bridge
0400	0713000239	07	29370	4552	01/14/2021	Mobility
0401	0214000036	02	4G550	3560	01/15/2021	Pavement
0402	1213000182	12	0N220	2769D	01/15/2021	Mobility
0403	0713000478	07	30290	4693	01/20/2021	Pavement
0404	1214000037	12	0H234	1984	02/26/2021	Mobility
0405	1215000082	12	0N822	2200C	02/26/2021	Mobility
0406	0714000220	07	30760	4771	04/20/2021	Pavement
0407	0700021113	07	28920	4458	05/03/2021	Mandates
0408	0515000084	05	0T631	2292Y	05/07/2021	Safety
0409	0713000224	07	29770	4620	06/03/2021	Safety
0410	0900020002	09	33500	0566	07/01/2021	Safety
0411	0714000092	07	30520	4725	07/08/2021	Major Damage
0412	0714000221	07	30770	4772	07/14/2021	Pavement
0413	0414000367	04	4G592	0729R	07/15/2021	Major Damage
0414	0612000157	06	0H200	6521	07/19/2021	Bridge
0415	0700020870	07	20212	4137A	07/21/2021	Pavement
0416	0712000076	07	29070	4497	08/16/2021	Bridge
0417	0400001217	04	4S220	0313E	10/14/2021	Major Damage
0418	0416000152	04	4G871	0487Q	10/31/2021	Bridge
0419	0415000355	04	4J260	1490H	11/30/2021	Major Damage
0420	0715000008	07	31120	4812	12/03/2021	Pavement

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No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0421	0513000101	05	0G071	0707Y	12/14/2021	Roadway Preservation
0422	0515000079	05	1E051	2470Y	12/30/2021	Safety
0423	0412000642	04	2594A	0378F	12/31/2021	Pavement
0424	0414000120	04	3A87A	0333M	04/01/2022	Bridge
0425	0813000213	08	0J851	0238P	04/29/2022	Bridge
0426	0713000057	07	29660	4599	07/01/2022	Bridge
0427	0713000031	07	29640	4594	07/18/2022	Safety
0428	0715000083	07	31320	4841	08/22/2022	Pavement
0429	0217000046	02	3H000	3674	11/23/2022	Major Damage
0430	0412000581	04	2A441	0485U	12/14/2022	Safety
0431	0713000019	07	29520	4587	02/06/2023	Safety
0432	1215000075	12	0C78U	5054	07/20/2023	Mobility
0433	0413000054	04	4G830	0440Q	10/16/2023	Bridge
0434	0713000270	07	29850	4629	12/21/2023	Mobility
0435	0700000488	07	26040	3917	08/27/2025	Bridge

Public Comments

Northern SHOPP Hearing – February 28, 2018 Southern SHOPP Hearing – March 22, 2018

Existing law requires the California Department of Transportation (Caltrans) to prepare and transmit to the California Transportation Commission (Commission), by January 31 of each even year, a four-year State Highway Operation and Protection Program (SHOPP).

The following speaker card was received at the Northern SHOPP.

Speaker Card from Esther Postiglione – California Works

California Transportation Commission Speaker Slip Name: Postigliane Representing: Valutania Walks Address:	Tab/Item Number:
Do you desire to be heard at this meeting? If yes: Do you have a prepared statement? Do you have 18 copies for the Commission	Yes No No Yes No No Yes No
Remarks: Have Computer streets projets re Incremed by 20% bared on accordate by SHSMP? IS to Specific Informat & type.	plected in 2018 SHOPP 2010 bateling of the

Caltrans Response:

One of the many objectives that we have to try and look at when we put the SHOPP together is our balance between highway transportation, transit, bike/ped and we take that very seriously. One of the slides that I showed earlier showed the performance at a project level that we are now requiring for all our projects. Every project in the 2018 SHOPP has this performance definition and within that performance definition the number is over thirty different complete streets activities that our districts can define that they are doing. These run the range from putting in new curb ramps to adding sidewalks to building bike lanes to putting in crosswalks. We did some analysis of the 2018 SHOPP projects of those that permit bicycle and pedestrian access; approximately thirty-eight percent of all projects had some element of complete street and there is a very detailed breakdown across the thirty-some-odd different activities that are being accomplished and how much of each one is being accomplished. So we are at thirty-eight percent, I don't know off the top of my head what the 2016 baseline number was but I was kind of on the front lines along with Bruce and some of his staff in trying to get the 2016 number. We didn't even have the data to do it. We literally had to go back to all of our districts have them

review every planning document for every project in the 2016 SHOPP and evaluate whether complete streets were done. So we are in a much better place today we have the information in a database its quantified by quantity, location information so we...the point that Esther brings up is a good one we are trying to improve in this area as well. We are trying to improve across the board I think that is evidence from where we were two years ago and where we are now It's like night and day better but we are up at thirty-eight percent I think that is a pretty decent percentage of projects that has some element of complete streets in them.

Existing law requires the California Department of Transportation (Caltrans) to prepare and transmit to the California Transportation Commission (Commission), by January 31 of each even year, a four-year State Highway Operation and Protection Program (SHOPP).

The following speaker card was received at the Southern SHOPP.

Speaker Card from Bill Sandkey – City of Coronado Council Member

California Transportation Commission Speaker Slip	Tab/Item Number: 65 Reference Number: Date: 3/22/18
Name: Bith Sandke Course. Representing: City of Covanado Address: 1825 Strant Way Connad	
Do you desire to be heard at this meeting? If yes: Do you have a prepared statement? Do you have 18 copies for the Commis Remarks: Safty + Openhand In	Yes No Yes No No Sion?
San Diego/- Comolo B	ny Bridge

Caltrans Response:

Thank you Madam Chair, Commissioners, and staff, and especially your email team, really appreciate your help. Um...I want for the record note our our bridge is not on your list, okay, thank you very much. And commend District 11 Director when she was District 11 Director, Laurie Berman, for taking good care of our bridge. And congratulations on your position. Umm...let's see, the City of Coronado resp-resp respectfully requests that the California Transportation Commission allocate funds to approve safety on the San Diego-Coronado Bay Bridge. The bridge carries about ninety thousand (90,000) vehicle trips a day, on a given weekday. It's a critical component of the San Diego Transportation system linking City of Coronado, which attracts between 2-3 million visitors a year to our island, and it also hosts three major federal military installations. That link is fragile. During a recent morning commute, an explosives threat at the gate to naval base North Island, stopped traffic through town over the bridge and all the way back to Interstate 5; that's almost a four (4) mile backup. And it was impossible for the emergency EOD folks who were on the wrong side of the bridge to get to the gate to solve the problem and it made the closure of the base gate take several hours longer than

it had to. It's a fragile link. Across the span there are different challenges. Different safety challenges. Um...I handed out uh...the clerk was kind of enough to hand out the um incident report from the San Diego Union Tribune on a pickup truck that came over the rail on a bridge approach, and sadly on a weekend event landed in a park and killed four innocent people attending a picnic. It was a tragic accident and one that that pointed out to many people safety deficiencies on the Coronado Bridge. That's on the approach ramp area. At the mid span area of the bridge, in the 50 years the bridge has been open, there's been thousands of incidents that have disrupted the operational efficiency of the bridge and caused safety problems across the vehicle and pedestrian spectrum. Um...my point is the San Diego Bridge, which is a lifeline to Coronado is a safety-- past safety problems and you guys have had opportunities to fix it. A third problem is our approach where the bridge-highway speeds turn into a residential neighborhood, and that kind of goes back to the place where the bridge was designed to enter Coronado, which happens to go from the 50 mile an hour speed limit to a 25 or 30 mile an hour residential zone and we could use some safety improvements in that area as well. Umm... Commissioners, I urgently ask you to do something with your uh SHOPP funding to improve safety on the Coronado Bridge. This is for many members of our community a very emotional issue, and I understand your reticence to act on an emotional problem, but for us it's a safety issue, it's an operational issue, and and I'm new at this, but I read that S.H.O.P.P. and the S of safety, O is operations, and you got a chance to help our community, and I hope you do so. Thank you.

Existing law requires the California Department of Transportation (Caltrans) to prepare and transmit to the California Transportation Commission (Commission), by January 31 of each even year, a four-year State Highway Operation and Protection Program (SHOPP).

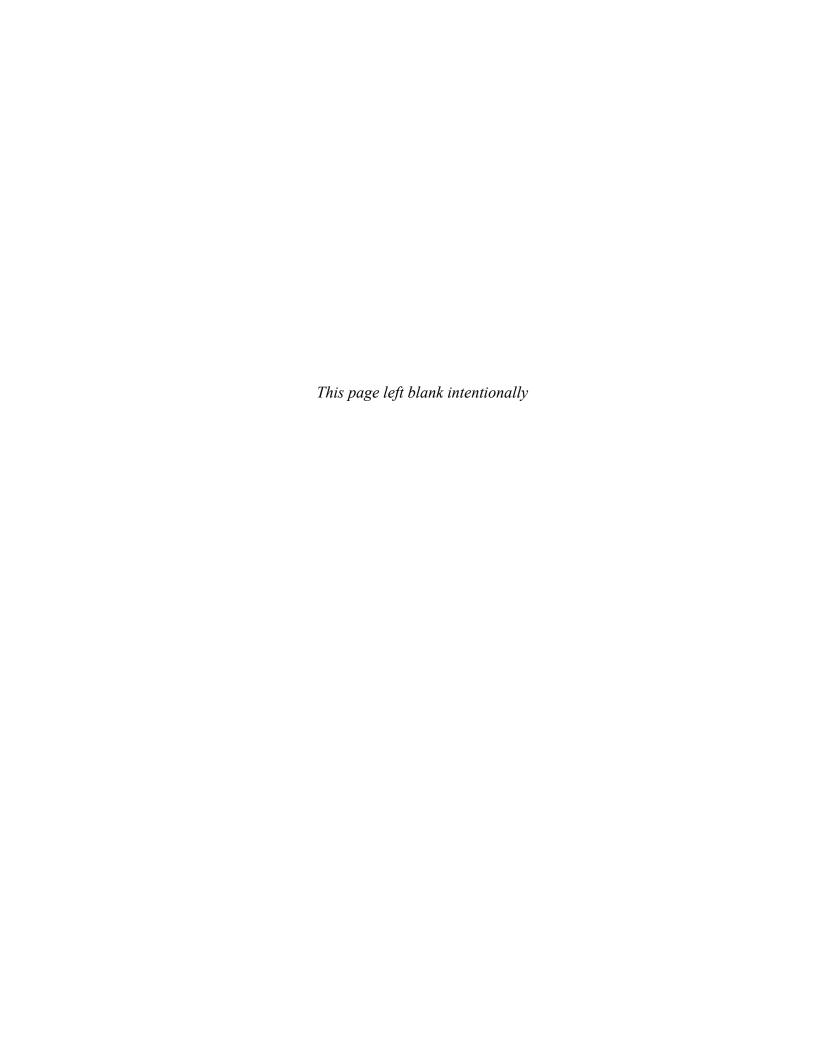
The following speaker card was received at the Southern SHOPP.

Representing: City of Caronado address: 1825 Strand Way, Co	Janager		
address: 1825 Strand Way, Co			
address: 1825 Strand Way, Co		6	•
	ronacto	-	
Do you desire to be heard at this meeting?		Yes 🔟	No 🔲
If yes: Do you have a prepared statement?		Yes	No 🗷
Do you have 18 copies for the Commission	on?	Yes 🔲	No I
Secrety improvements.	for the	l and	
Coronado Bridge			

Caltrans Response:

Thank you. Good morning, Commissioners. I just wanted to point out three areas that I think that uh our request align with the SHOPP program goals. Uh...the the three areas are: bridge preservation, bridge rail replacement upgrades, mobility operation improvement, and collision reduction. In terms of the bridge preservation and bridge rail project, this is a 50 year old bridge. There were 34 inch high barriers installed, they designed that way to be low enough to allow an unobstructed view from the bridge. However, since the bridge opening per CalTrans, 5 vehicles have driven off the bridge, the most recent being 2016, which resulted in 4 deaths. Uh...the bridge rails are inadequate and they're too low. The second is mobility operations improvements, which is also a SHOPP program goal, just mentioned to you previously. Uh...we have tracked the number of bridge closures, they are quite frequent. They are only two ways in and out. It takes about ninety thousand vehicles. The average closure over the last three years has lasted one hour. Uh...the longest closure is six hours. Those types of backups produce backups on Interstate 5 and also the alternative route. Typically, if there is a long closure on the Coronado Bridge,

there is a corresponding sympathetic accident on State Route 75. So, a closure on the Coronado Bridge will result in an accident on State Route 75, which is the alternative to the Coronado Bridge. The third is in terms of collision reduction and severity. There's no shoulders on the bridge. Uh, there's no safety zones for first responders, pedestrians, broken down vehicles, uh...which causes the bridge then to be closed down in both directions. Again, what I mentioned is highway speeds on I-5 due to uh... backups on the bridge, which typically last one hour at least in length and can last up to six hours. Uh...causes high vehicles at a higher area of speed to slow to zero within a short period of time. We think that our request is consistent with SHOPP program goals would like your consideration. Thank you.



SHOPP Adoption Resolution G-18-13



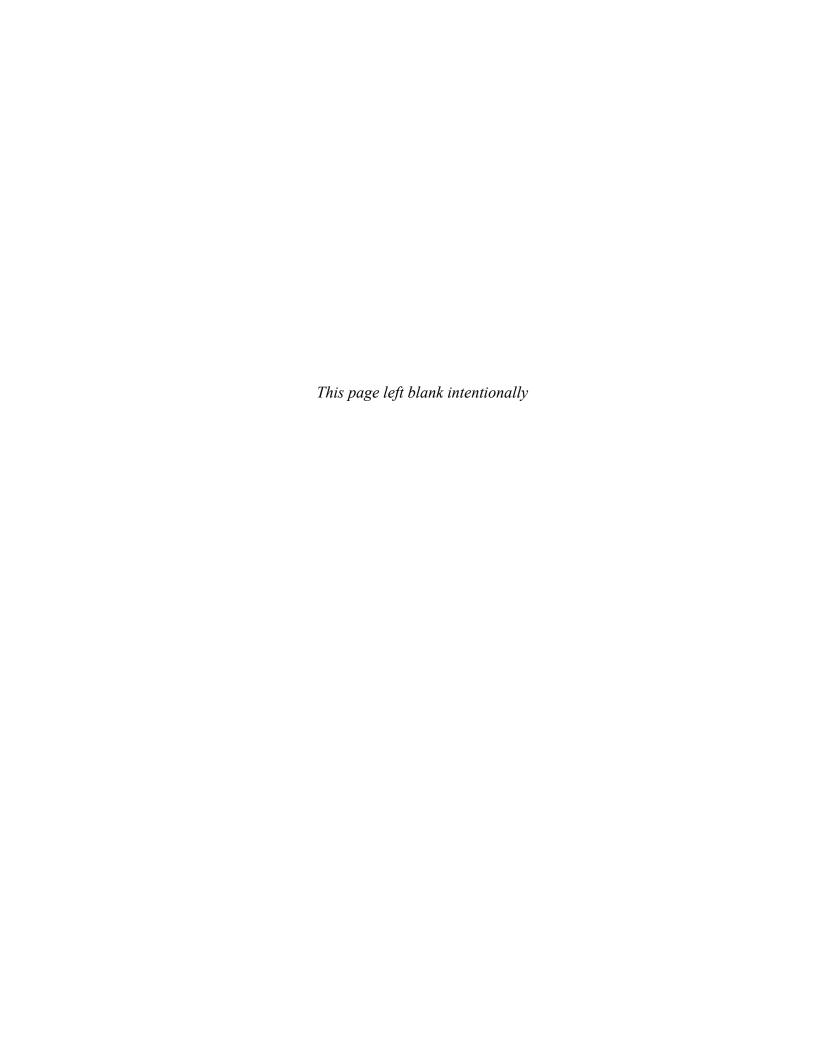
CALIFORNIA TRANSPORTATION COMMISSION

Adoption of the 2018 State Highway Operation and Protection Program March 22, 2018

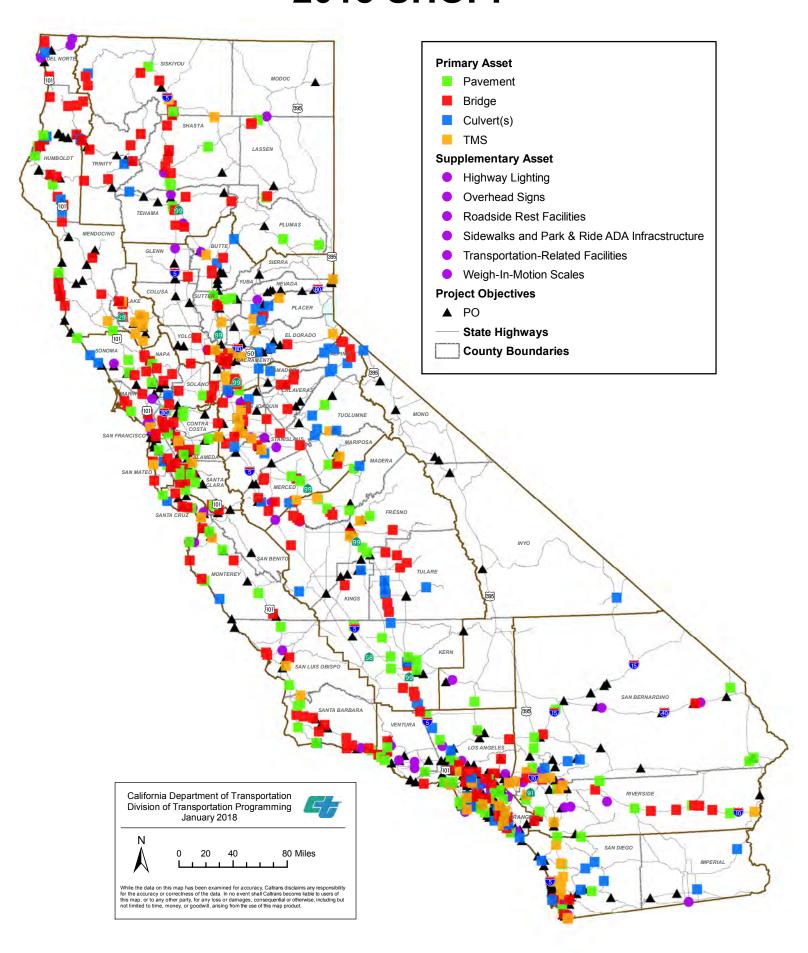
RESOLUTION G-18-13

- 1.1 WHEREAS, Government Code section 14526.5(a) requires the California Department of Transportation (Department) to prepare, based on the Transportation Asset Management Plan, a State Highway Operation and Protection Program (SHOPP) containing projects that are necessary to preserve and protect the state highway system; and
- 1.2 WHEREAS, pursuant to Government Code section 14526.4, the Department, in consultation with the California Transportation Commission (Commission), prepared a Transportation Asset Management Plan consistent with state and federal regulations to guide selection of projects for the SHOPP as required by Section 14526.5; and
- 1.3 WHEREAS, the Department's Transportation Asset Management Plan is a document assessing the health and condition of the state highway system with which the Department is able to determine the most effective way to apply the state's limited resources; and
- 1.4 WHEREAS, pursuant to Government Code section 14526.4, in connection with the Transportation Asset Management Plan, the Commission has adopted targets and performance measures reflecting state transportation goals and objectives; and
- 1.5 WHEREAS, Government Code section 14526.5(b) requires the SHOPP to include those projects for which construction is to begin within four fiscal years, starting July 1 of the year following the year the SHOPP is submitted; and
- 1.6 WHEREAS, Government Code sections 14526.5(c) and (d) require that each project in the SHOPP specifies the capital and support budget for each phase, the delivery date of each major component and performance matrices as determined by the Commission; and
- 1.7 WHEREAS, Government Code section 14526.5(d), requires the Department to submit the SHOPP to the Commission not later than January 31 of each even-numbered year, and prior to submitting the SHOPP to the Commission the Department shall make a draft of the SHOPP available to transportation planning agencies for review and comment and shall include the comments in its submittal to the Commission; and
- 1.8 WHEREAS, Government Code section 14526.5(e) requires the Commission to review the SHOPP relative to its overall adequacy and consistency with the Transportation Asset Management Plan and that the Commission may decline to adopt the SHOPP if the Commission determines that it is not sufficiently consistent with the Transportation Asset Management Plan; and

- 1.9 WHEREAS, the Department has provided, and the Commission has approved, asset class performance benchmarks based on the 2018 SHOPP investment level to measure progress towards meeting the ten year Transportation Asset Management Plan performance targets; and
- 1.10 WHEREAS, the performance benchmarks demonstrate the 2018 SHOPP investment and subsequent SHOPP investments are necessary to achieve the 2027 targets adopted by the Commission and as specified in SB 1; and
- 1.11 WHEREAS, Government Code section 14526.5(e) requires the Commission to adopt the SHOPP and submit it to the Legislature and the Governor not later than April 1 of each even-numbered year; and
- 1.12 WHEREAS, Government Code section 14526.5(f) requires the Commission, prior to adopting the SHOPP, to hold at least one SHOPP hearing in Northern California and one hearing in Southern California; and
- 1.13 WHEREAS, the Commission has held the required Northern and Southern SHOPP hearings; and
- 1.14 WHEREAS, the Commission has reviewed the Proposed 2018 SHOPP relative to its overall adequacy, consistency with the Transportation Asset Management Plan prepared and approved pursuant to Government Code 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.
- 2.1 NOW THEREFORE BE IT RESOLVED, that the Commission finds that the 2018 SHOPP is consistent with the Transportation Asset Management Plan, the 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; and
- 2.2 BE IT FURTHER RESOLVED, that the Commission hereby adopts the 2018 SHOPP; and
- 2.3 BE IT FURTHER RESOLVED, that the Commission expects the Department to report annually to the Commission on its progress toward meeting the targets and performance measures adopted by the Commission and established by Senate Bill 1.



2018 SHOPP



To: CHAIR AND COMMISSIONERS

CTC Meeting: March 21-22, 2018

Reference No.: 4.12

Action

Published Date: March 19, 2018

SUSUM DIMMU

Executive Director

Prepared By:

Stephen Maller, P.E.

Chief Engineer

Subject: ADOPTION OF THE 2018 STATE HIGHWAY OPERATION AND PROTECTION

PROGRAM

RESOLUTION G-18-13

ISSUE:

Should the California Transportation Commission (Commission), after considering the 1) funding priorities established in Section 167 of the Streets and Highways Code, 2) level of annual funding needed to implement the SHOPP, and 3) impact of the SHOPP expenditures on the State Transportation Improvement Program (STIP) find that the Proposed 2018 SHOPP is adequate overall and consistent with the Transportation Asset Management Plan prepared and approved pursuant to Government Code section 14526.4 and adopt the 2018 SHOPP?

RECOMMENDATION:

Commission staff recommends that the Commission, upon considering the funding priorities established in Section 167 of the Streets and Highways Code, the level of annual funding needed to implement the program, the impact of the proposed SHOPP expenditures on the state transportation improvement program, find that the 2018 SHOPP is adequate and consistent with the Transportation Asset Management Plan and adopt the 2018 SHOPP.

BACKGROUND:

The Commission set the annual level of SHOPP funding and evaluated the impact of SHOPP expenditures on the STIP when the Commission adopted the 2017 STIP Fund Estimate. Government Code section 14526.5, requires the Commission to review the SHOPP relative to its overall adequacy and consistency with the Transportation Asset Management Plan (TAMP) and to hold at least one hearing in Northern California and one hearing in Southern California. After a finding that the SHOPP is consistent with the TAMP, the Commission shall adopt the SHOPP 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 SHOPP if it determines that it is not sufficiently consistent with the TAMP.

Reference No.: 4.12 March 21-22, 2018

Page 2 of 2

The 2018 SHOPP is a four-year program of projects including reservations necessary to preserve and protect the state highway system. Projects included in the 2018 SHOPP are informed and guided by the performance targets set forth in the Road Repair and Accountability Act (Senate Bill 1 (SB-1), Beall, 2017), Commission adopted SHOPP and TAMP Guidelines and the Department prepared and Commission approved the TAMP. The Commission approved TAMP enumerates the performance measures and targets for the primary and supplementary asset classes adopted by the Commission. The ten year targets for the four primary asset classes are:

- Pavement not less than 98 percent of pavement in good or fair condition,
- Bridges not less than 98.5 percent of bridge deck area in good or fair condition and fix not less than an additional 500 bridges,
- Culverts not less than 90 percent of culverts in good or fair condition, and
- Transportation Management System (TMS) elements not less than 90 percent of the TMS units in good condition.

The 2018 SHOPP will invest approximately \$9.70 billion of the available \$17.96 billion for improving the condition of the four primary asset classes. At this investment level, the Department anticipates the 2018 SHOPP investments will achieve the following performance outcomes by June 30, 2022:

- 98% of Class 1 pavement will be in good or fair condition,
- 97.1% of Class 2 pavement will be in good or fair condition,
- 97% of Class 3 pavement will be in good or fair condition,
- 97.8% of all bridge deck area will be in good or fair condition,
- 87.9% of the culverts will be in good or fair condition, and
- 80.4% of the TMS units will be in good condition.

This 2018 SHOPP investment is necessary to achieve the ten year 2027 targets as required by the Commission and SB 1.

Attachment – Resolution G-18-13 Adoption of the 2018 State Highway Operation and Protection Program