### STATE HIGHWAY OPERATION AND PROTECTION PROGRAM

### **PROPOSED**

# 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

**January 31, 2018** 



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#### **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 is proposing to 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 is submitting this proposed program of projects to the Commission for review and adoption. 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 over the next decade. 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.

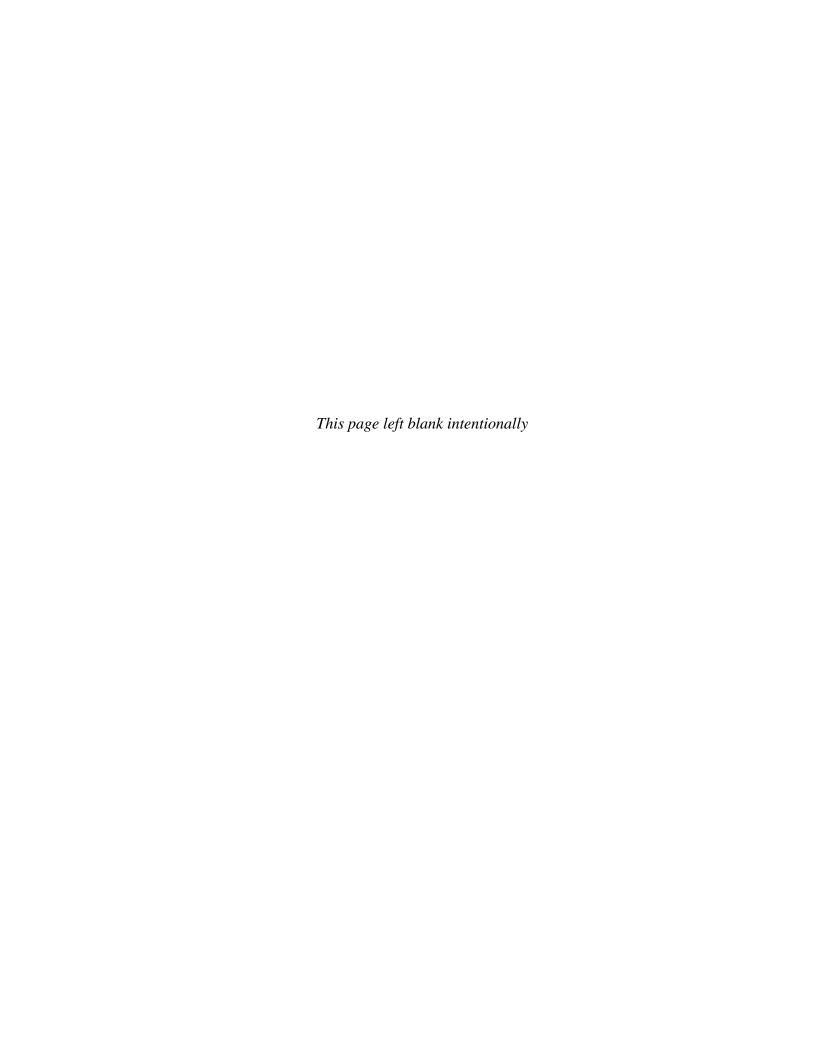
In addition to addressing fix-it-first needs, safety, emergencies, and mandates, SHOPP projects often provide opportunities to address other vital State priorities such as the reduction of transportation related greenhouse gas (GHG) emissions, implementation of Complete Streets elements such as pedestrian 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 proposed 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 proposed 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 has 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 proposed 2018 SHOPP, the Minor Program will provide \$610 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.

#### **TABLE OF CONTENTS**

INTRODUCTION	1
SHOPP PROCESS	1
CONSISTENCY WITH THE TRANSPORTATION ASSET MANAGEMENT	2
2018 SHOPP COMPARISON TO STATE HIGHWAY SYSTEM MANAGEMENT PLAN	4
SHOPP DEVELOPMENT AND PLANNING CYCLES	4
SHOPP FUNDING	5
CAPITAL OUTLAY AND CAPITAL OUTLAY SUPPORT	5
INNOVATION AND SUSTAINABILITY	7
LONG LEAD AND CONTINGENCY PROGRAMMING	8
COMPLETE STREETS – MEETING THE NEEDS OF ALL MODES	8
RESERVATIONS	9
REGIONAL TRANSPORTATION PLANNING AGENCY COORDINATION	9
PROJECT LISTINGS	11
DESCRIPTION OF EXHIBITS	11
EXHIBIT A: 2018 SHOPP Funding Summary (Fiscal Years 2018-19 through 2021-22)	12
EXHIBIT B: California Government Code section 14526	14
EXHIBIT C: Abbreviations and Acronyms	17
EXHIBIT D: 2018 SHOPP Regional Transportation Planning Agency Comments	18
EXHIBIT E: Policy for Management of the SHOPP	19
EXHIBIT F: 2018 SHOPP County Listing of Projects	20
EXHIBIT G: 2018 SHOPP Long Lead Projects	21
EXHIBIT H: Pre 2018 SHOPP projects	22



#### **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 proposed 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 proposed 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 proposed 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. 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 the 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 period<sup>1</sup>.
- And fourth, is the identification of a four-year program of capital projects that respond to the needs identified in the SHSMP and are within the fiscal constraints identified in the Fund Estimate and 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, and 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 2018 SHOPP was built on the performance-based asset management framework established in the SHSMP and the TAMP<sup>2</sup>. 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

<sup>&</sup>lt;sup>1</sup> 2018 State Transportation Improvement Program Fund Estimate, adopted by the California Transportation Commission, August 2017

<sup>&</sup>lt;sup>2</sup> 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

- 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 accomplishments exceed ongoing deterioration then conditions will improve. During the project portfolio development process, the 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 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 proposed 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.

#### 2018 SHOPP COMPARISON TO STATE HIGHWAY SYSTEM MANAGEMENT PLAN

Table 2 summarizes proposed 2018 SHOPP projects and planned reservations against the 2017 SHSMP. A detailed summary of the proposed 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	P	8 SHOPP rojects & ervations	40% of 10-yr Constrained 2017 SHSMP*		
	(in ]	Millions)	(in I	Millions)	
Primary Assets					
Pavement *	\$	4,814	\$	7,458	
Bridge	\$	3,158	\$	2,889	
Culverts	\$	928	\$	927	
TMS	\$	798	\$	698	
Supplementary Assets	\$	729	\$	632	
Project Objectives					
Major Damage Restoration	\$	1,438	\$	1,082	
Collision Reduction	\$	4,083	\$	2,027	
Mandates	\$	643	\$	451	
Mobility	\$	400	\$	156	
Roadside Preservation	\$	107	\$	129	
Protective Betterments	\$	125	\$	57	
Multiple Objective	\$	136	\$	e	
Minor Program	\$	600	\$	600	
Total	\$	17,960	\$	17,114	

Each project in the proposed 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 reports and summarizes the positive impacts the proposed 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 proposed 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 486<sup>3</sup> required significant changes to the SHOPP and the associated responsibilities of Caltrans and the Commission in developing and approving the SHOPP. SB 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 1<sup>4</sup> 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. SB 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

<sup>&</sup>lt;sup>3</sup> For more information about SB 486, please visit: http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\_id=201320140SB486

<sup>&</sup>lt;sup>4</sup> For more information about SB 1, please visit: http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\_id=201720180SB1

(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.

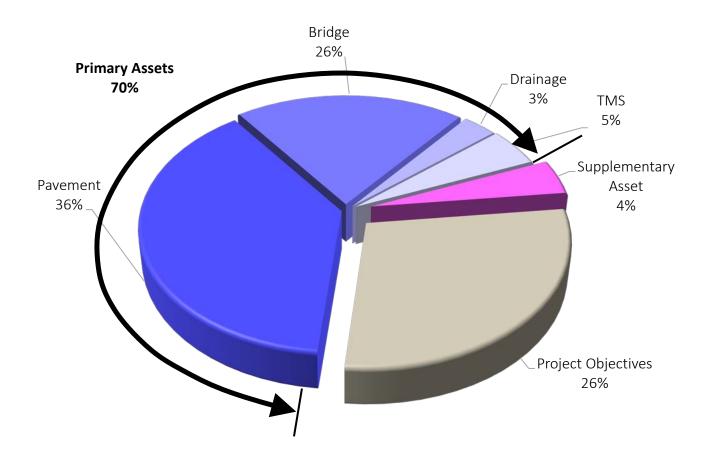


Figure 3 – Percent of Projects in Asset Management Classes

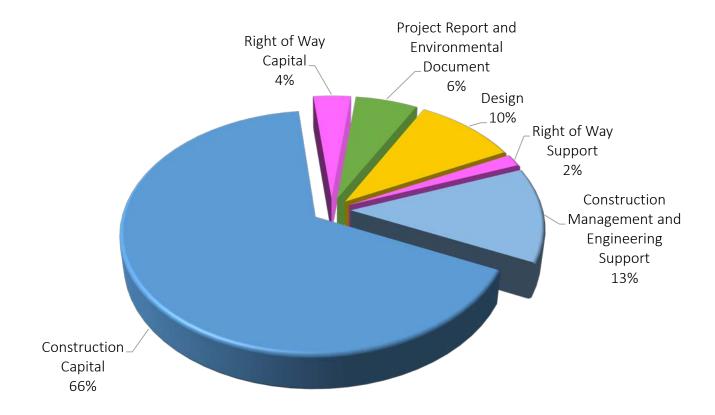


Figure 4 – 2018 SHOPP Distributed Among Project Components

#### 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 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 proposed 2018 SHOPP contains 25 contingency projects, valued at \$2.9 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 proposed 2018 SHOPP contains 28 Long Lead projects, valued at \$2.2 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 proposed 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 biannual 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 four-year program 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 TAMP, 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** 

California Government Code section 14526 **Exhibit B:** 

**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.

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

Program Funding	20	18-19	20	19-20	20	20-21	20	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	20	19-20	20	20-21	20	021-22	Total
Pavement	\$	1,271	\$	892	\$	556	\$	1,077	\$ 3,795
Bridge	\$	692	\$	881	\$	441	\$	879	\$ 2,893
Culverts	\$	62	\$	211	\$	95	\$	140	\$ 508
TMS	\$	183	\$	254	\$	230	\$	132	\$ 798
Supplementary Assets	\$	187	\$	126	\$	91	\$	326	\$ 729
Major Damage Restoration	\$	36	\$	196	\$	99	\$	59	\$ 390
Collision Reduction	\$	855	\$	1,170	\$	342	\$	528	\$ 2,894
Mandates	\$	113	\$	116	\$	111	\$	255	\$ 595
Mobility	\$	83	\$	103	\$	23	\$	190	\$ 400
Roadside Preservation	\$	23	\$	24	\$	53	\$	7	\$ 107
Protective Betterments	\$	31	\$	22	\$	24	\$	48	\$ 125
Multiple Objective	\$	5	\$	5	\$	21	\$	105	\$ 136
Subtotal	\$	3,541	\$	4,000	\$	2,085	\$	3,746	\$ 13,371
Reserved	20	18-19	20	19-20	20	20-21	20	021-22	Total
Pavement	\$	-	\$	-	\$	998	\$	21	\$ 1,019
Bridge	\$	41	\$	41	\$	141	\$	41	\$ 264
Culverts	\$	-	\$	-	\$	400	\$	20	\$ 420
TMS	\$	-	\$	-	\$	-	\$	-	\$ -
Supplementary Assets	\$	-	\$	-	\$	-	\$	-	\$ -
Major Damage Restoration	\$	378	\$	190	\$	240	\$	240	\$ 1,048
Collision Reduction	\$	218	\$	47	\$	514	\$	410	\$ 1,189
Mandates	\$	12	\$	12	\$	12	\$	12	\$ 48
Mobility	\$	-	\$	-	\$	-	\$	-	\$ -
Roadside Preservation	\$		\$	-	\$	-	\$	-	\$ -
Protective Betterments	\$	-	\$	-	\$	-	\$	-	\$ -
Multiple Objective	\$	-	\$	-	\$	-	\$	-	\$ -
Subtotal	\$	649	\$	290	\$	2,305	\$	744	\$ 3,988
Programmed and Reserved		18-19		19-20		20-21		021-22	Total
Pavement	\$	1,271	\$	892	\$	1,554	\$	1,098	\$ 4,814
Bridge	\$	733	\$	922	\$	582	\$	921	\$ 3,158
Culverts	\$	62	\$	211	\$	495	\$	160	\$ 928
TMS	\$	183	\$	254	\$	230	\$	132	\$ 798
Supplementary Assets	\$	187	\$	126	\$	91	\$	326	\$ 729
Major Damage Restoration	\$	414	\$	386	\$	339	\$	299	\$ 1,438
Collision Reduction	\$	1,073	\$	1,217	\$	856	\$	938	\$ 4,083
Mandates	\$	125	\$	128	\$	123	\$	267	\$ 643
Mobility	\$	83	\$	103	\$	23	\$	190	\$ 400
Roadside Preservation	\$	23	\$	24	\$	53	\$	7	\$ 107
Protective Betterments	\$	31	\$	22	\$	24	\$	48	\$ 125
Multiple Objective	\$	5	\$	5	\$	21	\$	105	\$ 136
Minor Program Reservation	\$	150	\$	150	\$	150	\$	150	\$ 600
Total	\$	4,340	\$	4,440	\$	4,540	\$	4,640	\$ 17,960

to rounding.

Proposed 2018 SHOPP 12

#### **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 and Advance Mitigation (201.240) 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.

#### **EXHIBIT B: California Government Code section 14526**

#### **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

State Transportation Improvement Program Fund Estimate Fund Estimate

**GHG** Greenhouse Gas

**LED** Light Emitting Diode

National Environmental Protection Act **NEPA** 

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

Plans, Specifications, and Estimate PS&E

R/W Right-of-Way

Road Maintenance and Rehabilitation Account **RMRA RTPA** Regional Transportation Planning Agency

Senate Bill 1 SB 1 Senate Bill 486 SB 486

**SHA** State Highway Account

State Highway Operation and Protection Program **SHOPP** 

SHS State Highway System

**SHSMP** State Highway System Management Plan **STIP** State Transportation Improvement Program **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 <a href="mailto:acollins@calacog.org">acollins@calacog.org</a>.

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.

Federal Glover, Vice Chair

**District Director** 

Janet Abelson

Caltrans, District 4 111 Grand Avenue

Newell Arnerich

Loella Haskew

Oakland, CA 94607

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

David Hudson

Dear Mr. Sartipi:

Karen Mitchoff Julie Pierce

With the advent of Senate Bill 1 (SB1), the State Highway Operations and Protection

Kevin Romick

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

Robert 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 Oak Road Suite 100 Walnut Creek CA 94597 PHONE: 925.256.4700 FAX: 925.256.4701 www.ccta.net

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 8<sup>th</sup> 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 10<sup>th</sup> 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.

Total Cost \$10 million

Committed Funding -
Shortfall \$10 million

SHOPP Request \$10 million

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 A Just

**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 (04-22911) 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 Northcrest Drive, PMB 16 Crescent City, California 95531 www.dnltc.org



Tamera Leighton, Executive Director

Tamera@DNLTC.org

Desk: (707) 465-3878

Cell: (707) 218-6424

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. Last 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

Bay Area Metro Center 375 Beale Street, Suite 800 San Francisco, CA 94105 415.778.6700 www.mtc.ca.gov

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December 20, 2017

Scott Høggerty, Vice Chair

Alicia C, Aguirre Cines of San Mateo County

Tom Azumbrudo U.S. Department of Housing and Urban Development

Jeannie Bruins Cities of Santa Clara County

> Damon Connolly Marin County and Cities

> > Dave Cortese

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

Carol Dutra-Vernaci

m-Vernaci noda County Dear Mr. De Terra:

Dorene M. Giacopini U.S. Department of Transportation

> Federal D. Glover Contra Costa County

Anne W. Halsted San Francisco Bay Conservation

Nick Josefowitz

Jane Kim City and County of San Francisco

Sam Liceardo

Alfredo Pedroza

Julie Pierce Association of Bay Area Governments

> Bijan Sartipi California State Transportation Agency

Libby Schauf Oakland Mayor's Appointed

> Warren Slacum San Maten County

James P. Spering

Amy R. Worth Cities of Contra Costa Cosme

> Steve Heminger Executive Director

Afix Bockelman

Andrew B. Fremier Deputy Executive Director, Operations 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 1, 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 1 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 I-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.

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	0N320	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 Caltrans Cooperative Agreement (12-697) and Design Build Contract, Caltrans safety projects shall be coordinated.
L405	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 toward 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 Caltrans Coop (12-697) and Design Build Contract, Caltrans safety projects shall be coordinated.
L406	0N520	Avenue to west of Harbor Boulevard. Roadside safety improvements.	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	0N510	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.

Acronyms
EA - Expenditure Authorization
SR-91 - State Route 91
TMP - Traffic Management Plan
PM - Post Mile
FY - Fiscal Year
OCTA - Orange County Transportation Authority
I-405 - Interstate 405

#### **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.

		Ctate Highway			
Interstate/ Route	EA#	Operations Protection Program Project Description	Program Year	Potential Impact	Caltrans Coordination
SR-91	0N320	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 could be impacted depending on the TMP details.	EA0N320 on Rte 91 is a CAPM project to replace cracked PCC slabs on mainline and fog-seal shoulders. When construction operation is on general purpose #1 lane, the adjacent express lane operation will be affected. We will coordinate with OCTA during PSE and Construction to minimize the operational impact. This is standard operating procedure for all the Rte 91 projects in segments with express lanes including mainline widening projects, mainline pavement rehabilitation or express lane pavement rehabilitation.
1405	0P220	In Irvine and Costa Mesa, from Jamboree Road to Route 73. Replace existing temporary railing with permanent concrete barrier.	2018-19	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 Caltrans Cooperative Agreement (12-697) and Design Build Contact, Caltrans safety projects shall be coordinated. I-405 Design Build project Stage 1A and 1B construction includes shifting southbound mainline toward 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.	Caltrans is aware of the potential conflicts. As the project progresses, coordination will continue to address any conflict. These projects have been included in each other's specifications, requiring coordination during project construction.
1405	0NS20	In Irvine and Costa Mesa, from Von Karman Avenue to west of Harbor Boulevard. Roadside safety improvements.	2019-20	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 Caltrans Coop (12-697) and Design Build Contract, Caltrans safety projects shall be coordinated.  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.	The majority of this Roadside Safety Improvement project area is not in conflict with the I-405 Design Build project. Caltrans will work with OCTA on locations where there may be issues throughout the project development process to mitigate or eliminate conflicts. This strategy was discussed at the OCTA/CT Joint Meeting on 12/14/17 where future CT SHOPP projects were discussed.  Final project scope will not introduce conflicts with I-5 Central project. Risks for financial or schedule impacts will be eliminated from the proposed projects.
<u>र</u>	0N510	In Santa Ana, from south of 4th Street to Broadway Roadside safety improvements.	2018-19	EA 0N5.10 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.	The majority of this Roadside Safety Improvement project area is not in conflict with the I-S Central project. Caltrans will work with OCTA on locations where there may be issues throughout the project development process to mitigate or eliminate conflicts. This strategy was discussed at the OCTA/CT Joint Meeting on 12/14/17 where future CTSHOPP projects were discussed. Final project scope will not introduce conflicts with I-S Central project. Risks for duplication of work or throw away work will be eliminated from the proposed SHOPP projects.



#### PECHANGA INDIAN RESERVATION

Temecula Band of Luiseño 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/transprog/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

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

cc: 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

#### **Table of Contents**

I. <b>I</b>	NTRODUCTION/OVERVIEW	1
1.	Commission Mission	1
2.	Purpose	
3.	Guidelines Objectives	2
4.	Definitions and Acronyms	2
5.	Statutory Authority	3
6.	Applicability of Interim SHOPP Guidelines	
7.	Compliance with Federal and State Requirements	3
8.	Delegation of Authority	
9.	Amendments to the Guidelines	
II. S	SHOPP-RELATED DOCUMENTS SUBJECT TO COMMISSION ACTION	4
10.	Transportation Asset Management Plan	4
11.		
12.	Five-Year Maintenance Plan	
III.	SHOPP FUNDING	4
13.	Biennial STIP Fund Estimate	4
14.	State-Only Funding	
15.	Joint State and Local Funding	
16.	Advance Mitigation Program	
17.		
IV.	SHOPP DOCUMENT	
18.	General	
19.	TAMP (Phase I) Four Approved Asset Classes	
20. 21.	SHOPP Preparation	
21.	Display of Project Scope, Budget, Schedule, and Performance Measure  Database	
23.	SHOPP Submittal	
23. 24.	Adoption	
	SHOPP PROJECTS	
25.		
26.	Project Budget	
27.	Project Delivery Dates	
28.	Project Scope	
VI.	PROGRAMMING PROJECTS	
29.	Project Study Reports	9
30.	Project Selections	9

31.	Programming Project Components Sequentially	9
32.		
33.	Emergency Condition Response Projects	10
34.		
35.	Multi-Modal Corridor Projects	10
36.	Completion of Environmental Process	10
37.	Programming Combined SHOPP and Non-SHOPP Projects	11
38.		
39.		
VII.	CALTRANS' MANAGEMENT OF THE SHOPP	12
40.	Scope, Cost, Schedule	12
41.		
42.	S .	
43.	Timely Use of Funds for Support	14
44.	· · · · · · · · · · · · · · · · · · ·	
45.	·	
46.	·	
47.		
48.	ě	
VIII.	CHANGE MANAGEMENT	
49.	Introduction	16
50.		
51.	•	
IX.	SHOPP DELIVERY	
52.		
53.		
54.	<u> </u>	
55.	· · · · · · · · · · · · · · · · · · ·	
	SHOPP DEVELOPMENT SCHEDULE AND PROCEDURES	
56. XI.	SHOPP Development Schedule	
57.		
58.	ı ı	
59.		
60.		
XII.	APPENDICES	19
App	pendix A: List of Acronyms	19
	pendix B: Statutory References	
Ap	pendix C: Commission Resolutions and Delegations	19
Δn	pendix D: March 26, 2015 Commission Action Regarding Asset Management Plan	19

## 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. State-Only Funding

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. SHOPP Preparation

Pursuant to Government Code Section 14526.5(a), and consistent with the TAMP, Caltrans shall prepare a four-year SHOPP for the expenditure of transportation funds for major capital improvements needed to preserve and protect the state highway system. Consistent with the TAMP, 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. <u>Project Study Reports</u>

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. Emergency Condition Response Projects

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. Programming Combined SHOPP and Non-SHOPP Projects

Where a project or project component is to be programmed and funded from both SHOPP and non-SHOPP sources, the project description shall indicate whether the 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. Management of Minor Projects

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. Changes via Commission Amendment

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	
	Interregional Transportation Improvement Program (State)
	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
SHOPP	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 - 170
Colusa	F - 21	San Benito	F - 179
Contra Costa	F - 22	San Bernardino	F - 180
Del Norte	F - 26	San Diego	F - 192
El Dorado	F - 29	San Francisco	F - 205
Fresno	F - 32	San Joaquin	F - 208
Glenn	F - 37	San Luis Obispo	F - 217
Humboldt	F - 39	San Mateo	F - 221
Imperial	F - 49	Santa Barbara	F - 226
Inyo	F - 51	Santa Clara	F - 232
Kern	F - 52	Santa Cruz	F - 239
Kings	F - 59	Shasta	F - 243
Lake	F - 61	Sierra	F - 246
Lassen	F - 64	Siskiyou	F - 247
Los Angeles	F - 66	Solano	F - 250
Madera	F - 105	Sonoma	F - 253
Marin	F - 107	Stanislaus	F - 258
Mariposa	F - 110	Sutter	F - 261
Mendocino	F - 112	Tehama	F - 262
Merced	F - 119	Trinity	F - 266
Modoc	F - 123	Tulare	F - 270
Mono	F - 124	Tuolumne	F - 273
Monterey	F - 126	Ventura	F - 275
Napa	F - 133	Yolo	F - 282
Nevada	F - 137	Yuba	F - 285



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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: \$25 Const: \$14,587	PA&ED: \$2,750 PS&E: \$2,750 R/W Sup: \$100 Con Sup: \$2,625	18-19 18-19	PA&ED: 2/1/2019 R/W Cert: 4/1/2020 RTL: 4/1/2020 Begin Con: 11/30/2020
			Subtotal: \$14,612 Total Project Cost:	\$8,225 <b>\$22,83</b> 7		
Carryover			Program Code Performance Measu	201.010 Safety Im	•	
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: \$3,280 Const: \$15,560	PA&ED: \$2,000 PS&E: \$2,500 R/W Sup: \$240 Con Sup: \$2,500	18-19 18-19	PA&ED: 9/30/2018 R/W Cert: 3/1/2020 RTL: 4/1/2020 Begin Con: 12/7/2020
			Subtotal: \$18,840 Total Project Cost:  Program Code	\$7,240 <b>\$26,08</b> 0 201.010 Safety Im	•	
Carryover			Performance Measu	•	•	
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: \$2,000 Const: \$19,500	PA&ED: \$11,000 PS&E: \$2,800 R/W Sup: \$500 Con Sup: \$4,000	Prior Prior	PA&ED: 10/30/2017 R/W Cert: 2/1/2019 RTL: 4/16/2019 Begin Con: 12/8/2019
			Subtotal: \$21,500 Total Project Cost:	\$18,300 <b>\$39,80</b> 0		
			Program Code	201.010 Safety Im	provements	
Carryover			Performance Measu	re 90 Collision	s) 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: \$493 Const: \$4,211	PA&ED: \$962 PS&E: \$806 R/W Sup: \$104 Con Sup: \$962	19-20 19-20	PA&ED: 6/1/2019 R/W Cert: 5/1/2020 RTL: 6/1/2020 Begin Con: 12/1/2020
			Subtotal: \$4,704 Total Project Cost:	\$2,834 <b>\$7,538</b>		
Carryover			Program Code Performance Measu	201.010 Safety Im	•	



		(Φ	1,000)						wuw e
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation 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	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$1,250 \$125 \$1,250	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 2/4/2020 5/4/2020 11/2/2020
			Subtotal: Total Proje	\$3,595 ect Cost:		\$3,825 <b>\$7,420</b>			
Carryover			Program C		201.010 S re 74 C	afety Imp			
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:	10/1/2019 3/1/2021 6/1/2021 2/1/2022
	wet pavement conditions.		Subtotal: Total Proje	\$6,321 ect Cost:		\$4,030 <b>\$10,351</b>			
New			Program C			Collision S	everity Red ) reduced	uction	
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:	6/1/2020 3/1/2022 5/5/2022 11/2/2022
	pedestrian safety at ramp termini and uncontrolled pedestrian crossings.		Subtotal: Total Proje	\$8,527 ect Cost:		\$3,980 <b>\$12,507</b>			
New			Program C			Collision S	everity Red reduced	uction	
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 2018-19	R/W: Const:	\$260 \$3,320	PA&ED: PS&E: R/W Sup: Con Sup:	\$788 \$1,393 \$200 \$680	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 10/18/2018 11/1/2018 4/23/2019
	•		Subtotal: Total Proje	\$3,580 ect Cost:		\$3,061 <b>\$6,641</b>		1	
			Program C		201.015.0	Valliaian C	everity Red	uction	





		(3	1,000)						arans*	
Dist-Co-Rte							cos			
Post Mile PPNO	EA					Allocation				
EFIS	Location/Description	Prog Year	Capital		Suppo	ort	FY	Miles	tones	
04-Alameda-13 1487Q 0415000088	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 Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/3/2018 4/1/2019 5/1/2019 12/30/2019	
			Subtotal: Total Project	\$4,090 ct Cost:		\$2,572 <b>\$6,662</b>				
Carryover			Program Co		201.015 C re 939 C	ollision 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:	9/26/2017 1/15/2019 4/5/2019 12/2/2019	
			Subtotal: Total Project	\$2,953 ct Cost:	(	\$1,586 <b>\$4,539</b>				
Carryover			Program Co		201.015 C re 27 C	follision Seconds	-	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 \$1,711	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$550 \$66 \$550	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/15/2018 4/1/2019 5/1/2019 12/13/2019	
			Subtotal: Total Project	\$1,721 ct Cost:		\$1,716 <b>\$3,437</b>				
Carryover			Program Co		201.015 C re 231 C	follision 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 Signa (APS) systems and countdown timers and	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:	4/1/2020 7/1/2021 7/15/2021 1/19/2022	
	upgrading crosswalk markings.		Subtotal: Total Project	\$6,088 ct Cost:		\$3,040 <b>\$9,128</b>		•		



Dist-Co-Rte							cos			
Post Mile PPNO			EA			Allocation				
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones	
04-Alameda-580 1495E	In Alameda County, on Routes 580 and 680 at various locations; also in Contra Costa County on Routes 160 and 680 at various locations.	0K650 2020-21	R/W: Const:	\$70 \$3,156	PA&ED: PS&E: R/W Sup:	\$500 \$800 \$166	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	2/2/2020 3/1/2021 6/1/2021	
0416000123	Install concrete barrier to shield structure column from errant vehicles, and upgrade existing guardrails to current standards.		Subtotal:	\$3,226	Con Sup:	\$800 \$2,266	20-21	Begin Con:	12/8/2021	
			Total Proje			\$5,492				
New			Program (		201.015 Co re 15 Co	ollision So	-	duction		
04-Alameda-580	In Alameda and Contra Costa Counties, on	0K770	R/W:	\$108	PA&ED:	\$700	18-19	PA&ED:	6/1/2020	
	various routes, at various locations. Upgrade	2021-22	Const:	\$2,638	PS&E:	\$700	19-20	R/W Cert:	6/1/2021	
1496A	advance warning signs to make standard.				R/W Sup:	\$10	19-20	RTL: Begin Con:	6/30/2021	
0416000137					Con Sup:	\$700	21-22	Begin Con.	2/1/2022	
			Subtotal:	\$2,746		\$2,110				
			Total Proj	ect Cost:		\$4,856				
			Program (	Code	201.015 C	ollision Se	everity Red	duction		
New			Program (			ollision Se	,	duction		
	In and near Livermore, from San Joaquin count	v. 41040	Performan	ce Measu	re 31 C	ollision(s)	) reduced	1	4/1/2020	
04-Alameda-580	In and near Livermore, from San Joaquin count line to 0.7 mile west of Greenville Road.	•	Performan R/W:	se Measu	re 31 Co	ollision(s) \$625	) reduced 18-19	PA&ED:		
		y 4J940 2021-22	Performan	ce Measu	re 31 C	ollision(s)	) reduced	1	11/1/2021	
04-Alameda-580 0.1/R9.0	line to 0.7 mile west of Greenville Road.	,	Performan R/W:	se Measu	PA&ED: PS&E:	\$625 \$400	18-19 19-20	PA&ED: R/W Cert:	11/1/2021 1/15/2022	
04-Alameda-580 0.1/R9.0 1494D	line to 0.7 mile west of Greenville Road.	,	Performan  R/W: Const:	\$183 \$1,997	PA&ED: PS&E: R/W Sup:	\$625 \$400 \$75 \$525	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022	
04-Alameda-580 0.1/R9.0 1494D	line to 0.7 mile west of Greenville Road.	,	R/W: Const:	\$183 \$1,997	PA&ED: PS&E: R/W Sup:	\$625 \$400 \$75 \$525 \$1,625	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022	
04-Alameda-580 0.1/R9.0 1494D	line to 0.7 mile west of Greenville Road.	,	Performan  R/W: Const:	\$183 \$1,997	PA&ED: PS&E: R/W Sup: Con Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022	
04-Alameda-580 0.1/R9.0 1494D	line to 0.7 mile west of Greenville Road.	,	R/W: Const:	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022	
04-Alameda-580 0.1/R9.0 1494D	line to 0.7 mile west of Greenville Road.	,	R/W: Const: Subtotal: Total Proje	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805	18-19 19-20 19-20 21-22 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022	
04-Alameda-580 0.1/R9.0 1494D 0416000025	line to 0.7 mile west of Greenville Road. Highway worker safety improvements.	2021-22	R/W: Const:  Subtotal: Total Proje  Program C Performan	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  Re 201.235 M re 14 Le	\$625 \$400 \$75 \$525 \$1,625 \$3,805	18-19 19-20 19-20 21-22 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New	line to 0.7 mile west of Greenville Road.	,	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  Real 201.235 M re 14 Le  PA&ED:	\$625 \$400 \$75 \$525 \$1,625 \$3,805	18-19 19-20 19-20 21-22 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022 way	
04-Alameda-580 0.1/R9.0 1494D 0416000025	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  Re 201.235 M re 14 Le	\$625 \$400 \$75 \$525 \$1,625 \$3,805 oadside Salaintenance ocation(s) \$660	18-19 19-20 19-20 21-22 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various	2021- <u>22</u> 2J810	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$183 \$1,997 \$2,180 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  Read 201.235 M re 14 Le  PA&ED: PS&E:	\$625 \$400 \$75 \$525 \$1,625 \$3,805 oadside Salaintenance ocation(s) \$660 \$880	18-19 19-20 19-20 21-22 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3 1483N	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$183 \$1,997 \$2,180 ect Cost: Code ace Measu \$10 \$4,918	PA&ED: PS&E: R/W Sup: Con Sup:  R. 201.235 M re 14 LC PA&ED: PS&E: R/W Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805 oadside Salaintenance ocation(s) \$660 \$880 \$44 \$880	18-19 19-20 19-20 21-22 afety Improve Access Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3 1483N	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$183 \$1,997 \$2,180 ect Cost: Code ice Measu \$10 \$4,918	PA&ED: PS&E: R/W Sup: Con Sup:  R. 201.235 M re 14 LC PA&ED: PS&E: R/W Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805 oadside Salaintenance ocation(s) \$660 \$880 \$44 \$880 \$2,464	18-19 19-20 19-20 21-22 afety Improve Access Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3 1483N	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$183 \$1,997 \$2,180 ect Cost: Code ice Measu \$10 \$4,918	PA&ED: PS&E: R/W Sup: Con Sup:  R. 201.235 M re 14 LC PA&ED: PS&E: R/W Sup:	\$625 \$400 \$75 \$525 \$1,625 \$3,805 oadside Salaintenance ocation(s) \$660 \$880 \$44 \$880	18-19 19-20 19-20 21-22 afety Improve Access Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3 1483N	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$183 \$1,997 \$2,180 ect Cost: Code ice Measu \$10 \$4,918	PA&ED: PS&E: R/W Sup: Con Sup:  RR 201.235 M re 14 LC PA&ED: PS&E: R/W Sup: Con Sup:	sintenance ocation(s) \$625 \$400 \$75 \$525 \$1,625 \$3,805  coadside Salaintenance ocation(s) \$660 \$880 \$44 \$880 \$2,464 \$7,392	18-19 19-20 19-20 21-22 afety Improve Access Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2021 1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019 12/20/2019	
04-Alameda-580 0.1/R9.0 1494D 0416000025 New 04-Alameda-880 4.8/11.3 1483N	In Fremont, from north of Auto Mall Parkway to south of Fremont Boulevard at various locations. Highway worker safety	2021- <u>22</u> 2J810	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$183 \$1,997 \$2,180 \$2,180 ect Cost: Code ice Measu \$10 \$4,918 \$4,928 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  RR 201.235 M re 14 LC PA&ED: PS&E: R/W Sup: Con Sup:	section(s) \$625 \$400 \$75 \$525 \$1,625 \$3,805  coadside Salaintenance ocation(s) \$660 \$880 \$44 \$880 \$2,464 \$7,392	18-19 19-20 19-20 21-22 afety Improve Access Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	1/15/2022 5/1/2022 way 6/7/2018 5/23/2019 6/3/2019 12/20/2019	



		(2)	1,000)					4	altrans°				
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation						
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	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 MVPs, and upgrade crash cushions to reduce maintenance work and enhance highway worker safety.	2K820 2020-21	R/W: Const:	\$5 \$2,170	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$350 \$100 \$450	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				
			Subtotal: Total Proje	\$2,175 ect Cost:		\$1,400 <b>\$3,575</b>							
New			Program C		201.235 N		e Access	ovements/ Free	way				
			1 CHOI III ali	cc ivicasu	10 20 E	ocation(s)							
MANDATES  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 Milpita at PM 8.9. Construct permanent Best Management Practices (BMPs) to achieve	4J980 2020-21 s	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				
	Statewide NPDES permit compliance units (CUs) for trash capture.		Subtotal: Total Proje	\$5,826 ect Cost:	K	\$2,886 <b>\$8,712</b>							
			Program C	ode	201.335 S	torm Wate	er Mitigatio	on					
New			Performan	ce Measu	re 60 A	cre(s) trea	ited/polluta	ant					
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 ADA standards.	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				
			Subtotal: Total Proje	\$5,212 ect Cost:		\$2,695 <b>\$7,907</b>							
New			Program C Performan			Americans Curb ramp(		vilities Act New	Curb Ramps				
04-Alameda-13 T9.8/10.8 0144A 0400021103	In Oakland and Berkeley, from Hiller Drive to Claremont Avenue at various locations. Upgrade 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 <b>\$5,203</b>							
C			Program C		201.378 II	nfrastructu	re	oilities Act Pede	strian				
Carryover			Performan	ce Measu	re 36./ C	Curb ramp(	S)						





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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
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 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	PA&ED: R/W Cert: RTL: Begin Con:	7/11/2018 10/25/2019 11/1/2019 4/24/2020
			Subtotal: Total Proje	\$1,509 ect Cost:		\$1,660 <b>\$3,169</b>			
Carryover			Program C		201.378 In		re	ilities Act Pede	estrian
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 Proje	\$3,625 ect Cost:	(	\$2,448 \$6,073			
Carryover			Program C		201.378 II		re	ilities Act Pede	estrian
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 ADA standards.		Subtotal: Total Proje	\$2,302 ect Cost:		\$1,653 <b>\$3,955</b>			
Carryover			Program C		201.378 In re 66.16 C	nfrastructu	re	ilities Act Pede	estrian
BRIDGE PRESER	EVATION								
04-Alameda-84 13.0/13.6 0084B 0400000429	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 Proje	\$24,275 ect Cost:		\$17,799 <b>\$42,074</b>			
Carryover			Program C		201.110 E re 1 E	Bridge Majo Bridge(s)	or Rehabili	itation	



		(3	1,000)					arans		
Dist- Co-Rte Post Mile PPNO		EA			COS Allocation					
EFIS	Location/Description	Prog Year	Capital	Supp	ort	FY	Miles	tones		
04-Alameda-580 R8.0 0480J 0414000009	Near Livermore, near Greenville Road at Greenville Overhead No. 33-0121R. Rehabilitate westbound structure.	0J520 2019-20	R/W: \$1 <sup>4</sup> Const: \$5,9 <sup>7</sup>	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:	1/15/201 9/2/201 10/1/201 2/3/202		
			Subtotal: \$6,11  Total Project Cos		\$2,620 <b>\$8,739</b>					
Carryover			Program Code Performance Mea		Bridge Maj Bridge(s)	or Rehabil	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: \$36	PA&ED: 50 PS&E: R/W Sup: Con Sup:	\$398 \$21 \$212	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/27/201° 12/31/201° 1/31/202° 8/31/202°		
			Subtotal: \$30 Total Project Cos		\$631 <b>\$991</b>					
Carryover			Program Code Performance Mea		Bridge Maj Bridge(s)	or Rehabil	itation			
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: \$42 Const: \$11,78		\$2,200 \$1,980 \$704 \$2,420	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	5/22/201 5/13/202 6/1/202 2/10/202		
			Subtotal: \$12,2 Total Project Cos		\$7,304 <b>\$19,515</b>					
Carryover			Program Code Performance Mea		Bridge Maj Bridge(s)	or Rehabil	itation			
04-Alameda-84	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and	0J550 2021-22	R/W: \$50 Const: \$13,00	00 PS&E: R/W Sup:	\$3,600 \$250	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/202 3/1/202 4/1/202 12/7/202		
17.0/17.4 0481M 0414000012	seismic retrofit.			Con Sup:	\$3,600	21-22	-			
0481M			Subtotal: \$13,50 Total Project Cos	00	\$9,313 <b>\$22,813</b>	21-22	1			



		(Ψ	1,000)				u	uturs"	
Dist- Co-Rte Post Mile PPNO		EA		~	COS Allocation				
EFIS	Location/Description	Prog Year	Capital	Suppo	rt	FY	Miles	tones	
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 Southboud onramp No. 33-0142K (PM 26.53);	2K170 5 2021-22	R/W: \$2: Const: \$10,300		\$800 \$1,500 \$250 \$2,200	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/16/2020 12/17/2021 1/21/2022 9/26/2022	
	also, on Route 77 in Oakland at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.		Subtotal: \$10,32: Total Project Cost		\$4,750 <b>\$15,075</b>				
New			Program Code Performance Meas			Replaceme	ent and Upgrad	e	
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.		R/W: \$100 Const: \$2,30°		\$1,000 \$850 \$160 \$1,170	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2020 12/15/2021 1/15/2022 8/15/2022	
			Subtotal: \$2,40° Total Project Cost  Program Code		\$3,180 \$5,587	rentative M	(aintenance		
Carryover			Performance Meas		ridge(s)				
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		\$6,600 \$7,800 \$260 \$7,800	19-20 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 5/2/2020 6/1/2020 2/1/2021	
	ACCELERATED BRIDGE (PA&ED Only)		Subtotal: \$105,989 Total Project Cost * Const, * R/W, * P	: \$	\$22,460 <b>128,449</b> up, * Con	Sup phase(	(s) are NOT au	horized	
Carryover			Program Code Performance Meas		rans Permi	it Requiren	nents for Bridge	es	
04-Alameda-80 5.8 1452H 0417000030	In Berkeley, at University Avenue Overcrossing No. 33-0023. Establish standard vertical clearance.  ACCELERATED BRIDGE (PA&ED Only)	2K830 2019-20	* R/W: \$3: * Const: \$27,678		\$3,380 \$3,000 \$300 \$5,400	19-20 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/1/2019 5/1/2020 6/1/2020 12/1/2020	
	(Page only)		Subtotal: \$27,713 <b>Total Project Cost</b> * Const, * R/W, * P	:	\$12,080 <b>\$39,793</b> up, * Con	Sup phase(	(s) are NOT au	horized	
Carryover			Program Code Performance Meas		rans Permi	it Requiren	nents for Bridg	es	





19.8/21.2 Av 1452J rel 0417000013 im  Carryover  04-Alameda-84 In	RVATION  In the city of Alameda, from Broadway/Encinal venue to Sherman Street. Pavement shabilitation, upgrade ADA curb ramps, and inprove crosswalks.	EA Prog Year 2K710 2020-21	R/W: Const:  Subtotal: Total Project	\$5 \$4,874 \$4,879	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,220 \$1,200 \$22	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 3/1/2021 5/1/2021 11/1/2021
04-Alameda-61 In 19.8/21.2 Av 1452J rel 0417000013 im  Carryover  04-Alameda-84 In	the city of Alameda, from Broadway/Encinal venue to Sherman Street. Pavement habilitation, upgrade ADA curb ramps, and approve crosswalks.		Const: Subtotal: Total Proje	\$4,874 \$4,879	PS&E: R/W Sup:	\$1,200 \$22 \$1,500 \$3,942	19-20 19-20	R/W Cert: RTL:	3/1/2021 5/1/2021
04-Alameda-61 In 19.8/21.2 Av 1452J rel 0417000013 im  Carryover  04-Alameda-84 In	the city of Alameda, from Broadway/Encinal venue to Sherman Street. Pavement habilitation, upgrade ADA curb ramps, and approve crosswalks.		Const: Subtotal: Total Proje	\$4,874 \$4,879	PS&E: R/W Sup:	\$1,200 \$22 \$1,500 \$3,942	19-20 19-20	R/W Cert: RTL:	3/1/2021 5/1/2021
04-Alameda-84 In			Total Proje	. ,					
04-Alameda-84 In			Program (						
			Performan			avement F	Rehabilitatio	on (CAPM)	
	a Fremont, from Route 880 (PM 6.922) to oute 238. Rehabilitate pavement and upgrade arb ramps to make ADA compliant.	2K690 2021-22	R/W: Const:	\$173 \$12,874	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,080 \$2,340 \$780 \$2,080	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
			Subtotal: Total Proje	\$13,047 ect Cost:	K	\$7,280 <b>\$20,327</b>			
New			Program ( Performan		201.121 P re 11.96 L		Rehabilitatio	on (CAPM)	
0.4/5.7 St	and near Hayward and San Leandro, from A treet to Davis Street. Rehabilitate pavement and upgrade curb ramps to ADA standards.	0K490 2021-22	R/W: Const:	\$40 \$14,928	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,417 \$2,093 \$375 \$2,405	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2019 7/1/2021 8/2/2021 2/23/2022
			Subtotal: Total Proje	\$14,968 ect Cost:		\$6,290 <b>\$21,258</b>			
New			Program C			avement I	Rehabilitatio	on (CAPM)	
R0.0/11.8 no 1454G Cc 0417000010 Hc	Fremont, from Santa Clara County line to orth of Fremont Boulevard Overcrossing. old plane pavement, overlay with Rubberized ot Mix Asphalt (RHMA-G) and Open Graded riction Course (OGFC), upgrade ADA curb	2K700 2021-22	R/W: Const:	\$50 \$57,166	PA&ED: PS&E: R/W Sup: Con Sup:	\$5,000 \$620	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/2/2020 9/1/2021 11/1/2021 6/4/2022
rai	imps, upgrade metal beam guardrail, and implace loop detectors.		Subtotal: Total Proje	\$57,216 ect Cost:		\$14,020 <b>\$71,236</b>			
New			Program C		201.121 P re 90.19 L		Rehabilitatio	on (CAPM)	



		(4)	1,000)						atas •
Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Capi	tal	Suppo	ort	FY	Miles	tones
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 04-3G590.	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 Project	\$2,100 ct Cost:		\$150 <b>\$2,250</b>			
Carryover			Program Co		201.122 R re 53 L	Roadway R		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: \$	,	PA&ED: PS&E: R/W Sup: * Con Sup:		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
Communication			Program Co	ct Cost: on Capito	al and * Con 201.122 R	Roadway R	ehabilitatio	ase are NOT a	uthorized
Carryover			Performanc	e Measu	re 63 L	ane mile(s	·)		
<b>MOBILITY</b>									
04-Alameda-Var 1464M	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	oP380 2019-20	R/W: Const:	\$10 \$15,990	PA&ED: PS&E: R/W Sup:	\$450 \$1,340 \$10	Prior 18-19 18-19		4/15/2019 8/15/2019 12/30/2019
0417000431	service contracts.		Subtotal: Total Project	\$16,000 ct Cost:	Con Sup:	\$3,000 \$4,800 <b>\$20,800</b>	19-20	Begin Con:	8/1/2020
Carryover			Program Co			ransportat	J	ement Systems	
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 elements.		Subtotal: Total Project	\$5,147 ct Cost:		\$2,824 <b>\$7,971</b>			



		(3	1,000)					arars*
Dist-Co-Rte						COS		
Post Mile PPNO		EA			1	Allocation	1	
EFIS	Location/Description	Prog Year	Capital	Suppo	ort	FY	Miles	tones
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 elements.	3J050 2019-20	R/W: \$1 Const: \$17,97	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,700 \$2,700 \$50 \$3,600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 4/16/2020 6/15/2020 11/16/2020
			Subtotal: \$17,98  Total Project Cos		\$9,050 <b>\$27,030</b>			
Carryover			Program Code Performance Mea		ransportat		ement Systems	1
04-Alameda-680 M0.0/R21.9 1463D 0414000305	In and near Fremont, Pleasanton, and Dublin, from 0.3 mile south of Scott Creek Road to 0.3 mile north of Alcosta Boulevard. Install ramp meters, ramp HOV bypass lanes, and Traffic Operations Systems (TOS).	4G113 2018-19	R/W: \$86 Const: \$28,36		\$5,600 \$100 \$5,600	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/16/2016 6/15/2018 6/15/2018 1/28/2019
	(100).		Subtotal: \$29,10 Total Project Cos		\$11,300 <b>\$40,400</b>			
Carryover			Program Code Performance Mea		ransportat		ement Systems	
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: \$1 Const: \$2,57	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:	10/1/2018 9/1/2019 12/1/2019 11/1/2020
	remoney and functionality.		Subtotal: \$2,58 Total Project Cos		\$774 <b>\$3,354</b>			
Carryover			Program Code Performance Mea		ransportat		ement Systems	ł
04-Alameda-880 14.7 1482G 0414000488	In Hayward, at 500 feet north of Industrial Parkway West. Install weigh-in-motion system in both directions.	2J320 2018-19	R/W: \$3,54 Const: \$3,54	S5 PA&ED: 40 PS&E: R/W Sup: Con Sup:	\$1,121 \$63 \$1,121	Prior Prior 18-19	R/W Cert:	4/26/2019
	•		Subtotal: \$3,54  Total Project Cos		\$2,305 <b>\$5,850</b>		•	





		(3	1,000)						atars*
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		stones
		<u>8</u>			- PI				
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: RTL:	10/15/2019 11/15/2020 1/15/2021 8/15/2021
	Parkway (PM 4.0 to PM 4.5). Highway planting and irrigation system rehabilitation.		Subtotal: Total Proj	\$2,535 ect Cost:		\$1,580 <b>\$4,115</b>			
New			Program (		201.210 H re 4.5 A	lighway Pl	lanting Res	toration	
FACILITIES									
04-Alameda- 1462A 0417000383	In Oakland, at the California Department of Transportation District 4 headquarters office building, 111 Grand Avenue. Rehabilitate the existing 13 building elevators with new systems to extend service life, increase efficiency, and	4K980 2019-20	R/W: Const:	\$0 \$4,728	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$325 \$0 \$710	18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2019 2/28/2020 2/27/2020 6/3/2020
	to extend service life, increase efficiency, and correct performance failures.		Subtotal: Total Proj	\$4,728 ect Cost:		\$1,295 \$6,023			
New			Program ( Performan		201.353 C re 1 L	Office Faci			
MULTIPLE OBJ 04-Alameda-980 1.2 1499J 0416000284	IPLE OBJECTIVE Alameda-980 In Oakland, at the District 4 Transportation 1.2 Management Center (TMC). Upgrade or replace legacy TMC software applications and	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	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 9/1/2019 12/1/2019 11/1/2020
	devices by service contract.		Subtotal: Total Proj	\$3,687 ect Cost:		\$1,107 <b>\$4,794</b>			
Carryover			Program (		201.999 N re 1 L	MULTIPLE ocation(s)		IVE	
	A	Mameda	County	,					
			R/W: Const:	\$13,126 \$610,346	PA&ED: PS&E: R/W Sup: Con Sup:	\$81,905 \$9,434			
			Subtotal: Total (Capit			\$263,000 <b>\$886,472</b>			

# 2018 SHOPP Project List Alpine



		ŲΨ	1,000)					4	atrans°
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	vital	Suppo		COS Allocation FY	ı Miles	tonos
	-	rrog rear	Cap	ntai	Suppo	JIT	FI	Milles	tones
BRIDGE PRESEI									
10-Alpine-88	Near Markleeville, on Routes 88, 89 and 4 at various locations. Bridge rail upgrade on four	0X750	R/W:	\$313	PA&ED:	\$496	19-20	PA&ED:	7/2/2018
3134	bridges.	2019-20	Const:	\$5,451	PS&E: R/W Sup:	\$1,460 \$110	19-20 19-20	R/W Cert: RTL:	2/10/2020 4/17/2020
1013000009					Con Sup:	\$1,484	19-20	Begin Con:	9/8/2020
			Subtotal:	\$5,764		\$3,550			
			Total Proj			\$9,314			
			-						
C			Program (				Replaceme	ent and Upgrad	le
Carryover			Performan	ice Measu	re 550 L	inear feet			
ROADWAY 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		201.151 D	\$6,646	ystem Resto	oration	
Carryover			Performan			Culvert(s) (			
10-Alpine-88	In Alpine County, on Routes 4, 88 and 207; in	<b>0</b> 8750	R/W:	\$269	PA&ED:	\$698	Prior	PA&ED:	7/2/2018
To Tripine 00	Amador County on Routes 16 and 49; and in	2019-20	Const:	\$4,290	PS&E:		18-19	R/W Cert:	12/1/2019
3138	Tuolumne County on Route 108; at various locations. Rehabilitate culverts.				R/W Sup:	\$317	18-19	RTL:	1/15/2020
1014000099	locations. Renabilitate curverts.				Con Sup:	\$762	19-20	Begin Con:	9/1/2020
			Subtotal:	\$4,559		\$2,820			
			Total Proj	ect Cost:		\$7,379			
			Program (	Code	201.151 E	Orainage Sv	ystem Resto	oration	
Carryover			Performan			Culvert(s) (			

Alpine County	
R/W: \$653 PA&E	D: \$2,064
Const: \$13,060 PS&	E: \$3,679
R/W S	ıp: \$786
Con S	ıp: \$3,097
Subtotal: \$13,713	\$9,626
Total (Capital + Support):	\$23,339

# 2018 SHOPP Project List Amador



		(\$	1,000)						altrans°
Dist- Co-Rte Post Mile PPNO		EA				,	COS Allocation		
EFIS	Location/Description	Prog Year	Сар	oital	Suppo	ort	FY	Miles	tones
COLLISION RED	<u>DUCTION</u>								
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 <b>\$4,721</b>			
New			Program (			Collision S	everity Red reduced	luction	
RIDGE PRESEI	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:	\$135	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
New			Subtotal: Total Proj	Code	201.112 E	\$5,790 \$9,889 Bridge Rail	l Replaceme	ent and Upgrad	le
Ivew			renoman	ice Measu	010 1	illeal feet			
10-Amador-88 3119 1015000004	SERVATION  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: Subtotal: Total Proj	\$26 \$2,328 \$2,354 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$448 \$65 \$616 \$1,379 \$3,733	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
Carryover			Program ( Performan			Orainage S Culvert(s) (	ystem Rest (ea)	oration	
		Amador	County	,					
		THAUUT	County						
			R/W: Const:	\$221 \$8,855	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,376 \$3,309 \$200 \$3,382			
			Subtotal: Total (Capi	\$9,076 ital + Sup	port):	\$9,267 <b>\$18,343</b>			



		(D	1,000)					L	atars.
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	oital	Supp		COS Allocation FY	ı Miles	tones
MA IOD DAMAC	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 five feet and protecting the embankment against future	3H540 2020-21	R/W: Const:	\$2,120 \$43,846	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,700 \$4,200 \$400 \$6,600	Prior 19-20 19-20 20-21		10/11/2019 11/10/2020 12/5/2020 6/5/2021
	flooding with Rock Slope Protection (RSP) or a retaining structure.	1	Subtotal: Total Proj	\$45,966 ect Cost:		\$12,900 <b>\$58,866</b>			
Carryover			Program (			Permanent l	Restoration		
COLLISION REI	DUCTION								
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
Carryover			Subtotal: Total Proj Program C	Code	201.010 S	\$2,634 \$6,755 Safety Impr			
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.	2020-21	R/W: Const:	\$3,218 \$20,610	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,400 \$3,000 \$2,500	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/20/2019 9/15/2020 10/15/2020 4/1/2021
			Subtotal: Total Proj	\$23,828 ect Cost:		\$12,100 <b>\$35,928</b>			
Carryover			Program (			Safety Impr Collision(s)			
03-Butte-70 5.6/8.8 2295 0318000054	Near Oroville, from 0.3 mile north of Cox Land to south of Palermo Road. Widen for two-way left-turn lane and standard shoulders, and provide a roadside clear recovery zone.	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 <b>\$36,860</b>			
Carryover			Program (			Safety Impr			





		(3	1,000)						artars
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		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 Pro			\$9,110 <b>\$32,720</b>			
Carryover			Program Performa	Code nce Measu	201.010 S re 58 C	afety Impr Collision(s)			
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 Pro	\$15,720 ject Cost:	(	\$6,632 <b>\$22,352</b>			
Carryover			Program Performa	Code nce Measu	201.010 S re 50 C	afety Impr Collision(s)			
IANDATES									
03-Butte-32 R8.8/9.5 2112 0314000288	In Chico, from Walnut Street to Poplar Street. Upgrade 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 Pro	\$2,900 ject Cost:		\$2,365 <b>\$5,265</b>			
Carryover			Program Performa	Code nce Measu		Americans Curb ramp(		lities Act New	Curb Ramı
RIDGE PRESEI	RVATION								
03-Butte-99 14.9/15.7 2425 0314000101	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		5/1/2018 10/1/2019 10/15/2019 5/15/2020
			Subtotal: Total Pro	\$7,404 ject Cost:		\$4,560 <b>\$11,964</b>			
Carryover			Program Performa			Bridge Scor	ur Mitigatio	'n	





		(\$	1,000)						altrans <sup>,</sup>
Dist-Co-Rte Post Mile PPNO		EA	~		~		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:	2/1/2018 8/15/2019 8/15/2019 4/1/2020
			Subtotal: Total Proje	\$5,598 ect Cost:		\$3,425 <b>\$9,023</b>			
Carryover			Program C			ridge Rail inear feet	Replacemo	ent and Upgrac	le
OADWAY 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.	n 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:	9/1/2018 9/4/2019 10/11/2019 2/13/2020
			Subtotal: Total Proje	\$2,815 ect Cost:	K	\$3,450 <b>\$6,265</b>			
Carryover			Program C		201.151 D re 25 C	Prainage Sy Sulvert(s) (		oration	
<u>IOBILITY</u>									
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:	7/2/2019 7/2/2020 8/1/2020 1/2/2021
			Subtotal: Total Proje	\$8,505 ect Cost:		\$3,131 <b>\$11,636</b>			
Carryover			Program C			ransportat file(s) of c	_	ement Systems	
OADSIDE PRES	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:	8/1/2019 10/1/2021 10/15/2021
	projects expected to impact sensitive habitats.		Subtotal: Total Proje	\$1,764 ect Cost:		\$130 <b>\$1,894</b>			
			Program C	Code	201.240 R	oadside E	nhancemer	ıt	

(\$1,000)



Dist-Co-Rte
Post Mile
PPNO
EA

EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

Butte Coun	ty		
R/W:	\$15,514	PA&ED:	\$11,616
Const:	\$155,287	PS&E:	\$19,275
		R/W Sup:	\$11,556
		Con Sup:	\$26,280
Subtotal:	\$170,801		\$68,727
Total (C	apital + Sup	port):	\$239,528

# 2018 SHOPP Project List Calaveras



		(Ψ	1,000)						atars"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	al	Suppo		COS Allocation FY	Miles	tones
		Trog rear	Сирги		Биррс			IVIIICS	tones
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		\$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 Project			\$6,574 <b>\$18,939</b>			
New			Program Coo			ermanent I	Restoration		
COLLISION RED	DUCTION								
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.	1 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
			Total Project			\$1,545 \$3,850			
Carryover			Program Coo Performance		201.010 S	afety Improllision(s)			
	OVATIONI		Turnance	Titeusu.	210	011151011(5)	Teaucea		
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:	\$605 \$1,392 \$103 \$1,241	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 Project	\$2,278 t Cost:		\$3,341 <b>\$5,619</b>			
Carryover			Program Coo		201.110 B re 1 B	ridge Majo	or Rehabili	tation	
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
	(PM R21.4). Upgrade bridge railing at three structures, also seismic retrofit at one location.		Subtotal: Total Project	\$4,544 t <b>Cost:</b>		\$3,961 <b>\$8,505</b>			

## 2018 SHOPP Project List Calaveras

(\$1,000)



		(3	1,000)			4	aurans*	
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones	
IOBILITY								
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: \$2,10	10 PA&ED: \$524 51 PS&E: \$1,306 R/W Sup: \$30 Con Sup: \$772	19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/25/2019 9/21/2020 1/20/202 7/19/202	
			Subtotal: \$2,1° Total Project Cos					
New			Program Code Performance Mea	201.310 Operation	-		D)	
IULTIPLE OBJ	FCTIVE							
10-Calaveras-4 R10.3/16.4 3067A 1018000164	Near Copperopolis and Angels Camp, from 2.0 miles east of Main Street to Stallion Way. Realign roadway.	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: Total Project Cos	\$10,325 \$10,325				
			Program Code	201.999 MULTIP	LE OBJECT	IVE		
New			Performance Mea	12.2 Centerline	e mile(s)			
	C	alaveras	County					
			R/W: \$2,1 Const: \$21,54					
			Subtotal: \$23,66	\$28,378				

Total (Capital + Support):

\$52,041

Exhibit F

# 2018 SHOPP Project List Colusa



		(3)	1,000)					u	wars <sup>,</sup>	
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	Capital		Support			lestones	
OLLISION REI	DUCTION									
03-Colusa-20 34.8/36.5 2951 0316000003	Near Colusa, from Niagara Avenue to 0.3 mile west of Steidlmayer Road. Widen shoulders to 8 feet to provide adequate recoverable space for errant vehicles.		R/W: Const:	\$4,700 \$5,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$580	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/2/202 4/1/202 4/1/202 9/1/202	
			Subtotal: Total Proj	\$10,600 ect Cost:		\$4,020 <b>\$14,620</b>				
New			Program (			Collision Se	•	uction		
03-Colusa-5 R24.3 2793 0314000162	Near Maxwell, at the Maxwell Safety Roadside Rest Area. Upgrade water and wastewater systems to current standards.	4F430 2018-19	R/W: Const:	\$16 \$3,880	PA&ED: PS&E: R/W Sup: Con Sup:		Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/201 12/1/201 1/2/201 6/1/201	
			Subtotal: Total Proj	\$3,896 lect Cost:	K	\$1,720 <b>\$5,616</b>				
					I	Roadside Sa	afety Impro	ovements/ Free	way	
C			Program (Performan			Maintenanc				
Carryover			Periormai	ice Measu	re 11	Location(s)				
		Coluça	County	1						
		Colusa	County							
			R/W:	\$4,716	PA&ED:	\$1,280				
			Const:	\$9,780	PS&E:					
					R/W Sup: Con Sup:					
			C 14 4 1	014.406	Con Sup.					
			Subtotal:	\$14,496		\$5,740				
			Total (Cap	itai + Sup	port):	\$20,236				

# 2018 SHOPP Project List Contra Costa



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones		
COLLISION RED	UCTION							
04-Contra Costa-24 1.0/R2.5 1418C 0414000411	In Orinda and Lafayette, from east of the Caldecott Tunnel to east of Camino Pablo and a Acalanes Road (PM R4.2/R4.99); also in Oakland on Route 13, at Redwood Road (PM 5.2/5.5). Install safety lighting.	1J990 t 2018-19	R/W: \$31. Const: \$2,95.	5 PS&E: \$4	20 18-19 64 18-19	PA&ED: 5/1/2018 R/W Cert: 3/30/2018 RTL: 6/17/2019 Begin Con: 11/12/2018		
			Subtotal: \$3,26 Total Project Cost	ŕ				
Carryover			Program Code 201.010 Safety Improvements Performance Measure 65 Collision(s) reduced					
04-Contra Costa-80 0.0/13.5 1497F 0416000044	In various cities, from Alameda County line to 0.6 mile west of Solano County line; also, in Alameda County in Albany, from 0.4 mile west to the Contra Costa County line (PM R7.6/8.0). Install lighting and upgrade concrete barrier.	0K160 2021-22	R/W: \$25. Const: \$52,62	/ 1	69 20-21 74 20-21	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 4/1/2022 Begin Con: 10/1/2022		
Carryover			Subtotal: \$52,87  Total Project Cost  Program Code  Performance Measure Subtotal: \$52,87	\$75,3 201.010 Safety I	mprovements			
04-Contra Costa-4 1487N 0415000091	In Contra Costa County, on Routes 4, 24, 80, 123, 242, 580, and 680 at various locations. Install Accessible Pedestrian Signal (APS) systems and pedestrian countdown timers, and refresh crosswalk markings with high-visibility striping to enhance pedestrian safety.	3J140 2021-22	R/W: \$2 Const: \$7,48	7 PS&E: \$1,1	08 19-20 80 19-20	PA&ED: 1/1/2020 R/W Cert: 6/1/2021 RTL: 8/1/2021 Begin Con: 3/1/2022		
			Subtotal: \$7,50  Total Project Cost	ŕ				
New			Program Code Performance Meas	201.015 Collisionsure 333 Collision	n Severity Red	uction		
04-Contra Costa-4 0.0/R20.4 0481U 0414000004	In and near Hercules, Martinez, and Concord, at various locations from Route 80 to 0.3 mile east of Bailey Road. Upgrade guardrail to make standard.		R/W: \$10 Const: \$12,40	0 PS&E: \$1,4	00 19-20 52 20-21	PA&ED: 2/3/2020 R/W Cert: 6/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022		
			Subtotal: \$12,41 Total Project Cost					
New			Program Code Performance Meas	201.015 Collisio sure 225 Collisio	•	uction		

# 2018 SHOPP Project List Contra Costa



		,	1,000)						aurans*
Dist-Co-Rte Post Mile PPNO		EA					COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Capita	ıl	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 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: STOTAL Project	\$1,306 Cost:		\$2,161 <b>\$3,467</b>			
New			Program Cod Performance		201.235 N			ovements/ Free	way
04-Contra Costa-80 0.0/14.1 1483P 0415000009	In various cities, from the Alameda County line to the Solano County line; also on Route 242, 580, and 680 at various locations. Construct maintenance worker safety improvements	2J820 2019-20	R/W: Const:	\$5 \$2,630	PA&ED: PS&E: R/W Sup: Con Sup:	\$455 \$637 \$5 \$692	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2018 8/9/2019 8/30/2019 3/24/2020
			Subtotal: STotal Project	\$2,635 Cost:		\$1,789 <b>\$4,424</b>			
Carryover			Program Cod		201.235 M			ovements/ Free	way
<u> </u>	TALL DE CONT		Teriormanee	Wicasu	27 L	ocation(s)			
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	R/W Cert:	11/30/2018 8/1/2019 4/20/2020 10/12/2020
1.2 1482Q			Const:	\$5,828 \$5,833	PS&E: R/W Sup:	\$876 \$117	18-19 18-19	R/W Cert: RTL:	8/1/2019 4/20/2020
1.2 1482Q			Const: S	\$5,828 \$5,833 Cost:	PS&E: R/W Sup: Con Sup:	\$876 \$117 \$876 \$2,569 \$8,402	18-19 18-19 19-20	R/W Cert: RTL: Begin Con:	8/1/2019 4/20/2020
1.2 1482Q 0415000016		2019-20	Const: Subtotal:	\$5,828 \$5,833 Cost:	PS&E: R/W Sup: Con Sup:	\$876 \$117 \$876 \$2,569 \$8,402	18-19 18-19 19-20	R/W Cert: RTL: Begin Con:	8/1/2019 4/20/2020 10/12/2020 2/19/2009 7/6/2018 7/13/2018
1.2 1482Q 0415000016 <i>Carryover</i> 04-Contra Costa-4 R11.2/R15.1 0298X	Near Martinez, at Grayson Creek Bridge No. 28-0066 R/L. Replace bridges by Financial Contribution Only to Contra Costa	2019-20	Subtotal: S Total Project  Program Cod Performance  R/W: Const: \$2	\$5,828 \$5,833 Cost: le Measu 20,500	PS&E: R/W Sup: Con Sup:  201.110 B re 1 B PA&ED: PS&E: R/W Sup: Con Sup:	\$876 \$117 \$876 \$2,569 <b>\$8,402</b> ridge Majoridge(s)	18-19 18-19 19-20 or Rehabili	R/W Cert: RTL: Begin Con:  tation  PA&ED: R/W Cert: RTL:	8/1/2019 4/20/2020 10/12/2020 2/19/2009 7/6/2018 7/13/2018
1.2 1482Q 0415000016 <i>Carryover</i> 04-Contra Costa-4 R11.2/R15.1 0298X	Near Martinez, at Grayson Creek Bridge No. 28-0066 R/L. Replace bridges by Financial Contribution Only to Contra Costa	2019-20	Subtotal: Subtot	\$5,828 \$5,833 Cost: le Measu 20,500 Cost:	PS&E: R/W Sup: Con Sup:  201.110 B re 1 B  PA&ED: PS&E: R/W Sup: Con Sup:	\$876 \$117 \$876 \$2,569 \$8,402 ridge Majoridge(s) \$100 \$20,600	18-19 18-19 19-20 or Rehabili 18-19	R/W Cert: RTL: Begin Con:  tation  PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 4/20/2020 10/12/2020 2/19/2009 7/6/2018 7/13/2018

#### 2018 SHOPP Project List Contra Costa





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Dist-Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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: Const:	\$38 \$2,067	PA&ED: PS&E: R/W Sup: Con Sup:	\$925 \$1,175 \$175 \$375	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 1/1/2022 1/1/2022 6/1/2022
			Subtotal: Total Proje	\$2,105 ect Cost:		\$2,650 <b>\$4,755</b>			
New			Program C			Bridge Seis Bridge(s)	mic Restor	ation	
ROADWAY PRES	SERVATION								
04-Contra Costa-4 R14.3/24.3 1462R 0417000014	In and near Concord and Pittsburg, from Route 242 to Loveridge Road. Rehabilitate pavemen upgrade curb ramps to make ADA compliant, and upgrade guardrail to make standard.		R/W: Const:	\$93 \$55,281	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,720 \$6,400 \$780 \$8,320	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2020 3/1/2022 6/1/2022 12/1/2022
			Subtotal: Total Proje	\$55,374 ect Cost:	K	\$18,220 <b>\$73,594</b>			
New			Program C			avement R		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: Const:	\$15 \$11,774	PA&ED: PS&E: R/W Sup: Con Sup:	\$990 \$1,210 \$110 \$1,430	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 8/1/2019 11/1/2019 3/30/2020
		)	Subtotal: Total Proje	\$11,789 ect Cost:		\$3,740 <b>\$15,529</b>			
Carryover			Program C			avement R		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.	m 3J070 2021-22	R/W: * Const:	\$28 \$61,317	PA&ED: PS&E: R/W Sup: * Con Sup:	\$4,624 \$206	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 12/1/2021 2/1/2022 11/15/2022
	(G13 Contingency)		Subtotal: Total Proje * Construct		al and * Con	\$15,414 <b>\$76,759</b> astruction \$	Support ph	ase are NOT at	uthorized
Carryover			Program C			Roadway R	ehabilitations)	on (2R)	

#### 2018 SHOPP Project List Contra Costa



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

Contra Costa Cou	ıty		
R/V	: \$853	PA&ED:	\$19,514
Cons	: \$236,094	PS&E:	\$25,482
		R/W Sup:	\$3,003
		Con Sup:	\$30,431
Subtota	: \$236,947		\$78,430
Total (	Capital + Sup	port):	\$315,377

# 2018 SHOPP Project List Del Norte





		(3	1,000)			<i>Lutans</i> °
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
MA IOR DAMAC	E RESTORATION					
01-Del Norte-101 21.2 1122 0116000137	Near Crescent City, at 0.2 mile north of Cushing Creek Viaduct. Restore roadway to pre-slide condition.	g 0G210 2019-20	R/W: \$18 Const: \$10,148 Subtotal: \$10,166	. ,	18-19 18-19 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:	\$18,020		
Carryover			Program Code Performance Measu	201.131 Permaner		
COLLISION RED	UCTION					
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 n 2019-20	R/W: \$25 Const: \$1,570	PA&ED: \$402 PS&E: \$507 R/W Sup: \$93 Con Sup: \$393	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	\$1,395		
			Total Project Cost:	\$2,990	)	
Carryover			Program Code Performance Measu	201.010 Safety Im	-	
MANDATES						
01-Del Norte-101 25.8/27.3 1095 0113000023	In and near Crescent City, from south of Elk Valley Road to north of Wilson Avenue/Burtschell Street. Upgrade ADA facilities and construct traffic calming measures	0C660 2018-19	R/W: \$432 Const: \$3,527		Prior Prior	PA&ED: 3/15/2018 R/W Cert: 4/1/2019 RTL: 5/1/2019 Begin Con: 9/1/2019
	to improve operations and safety for non-motorized users.		Subtotal: \$3,959 Total Project Cost:	\$2,550 <b>\$6,50</b> 9		
			Program Code		s with Disabi	lities Act New Curb Ramp
Carryover			Performance Measu	ire 87 Curb ram	p(s)	
RIDGE 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 2018-19	R/W: \$3,900 Const: \$50,448	PA&ED: \$10,942 PS&E: \$3,700 R/W Sup: \$650 Con Sup: \$12,250	Prior Prior	PA&ED: 2/1/2018 R/W Cert: 2/1/2019 RTL: 3/1/2019 Begin Con: 9/1/2019
			Subtotal: \$54,348  Total Project Cost:	\$27,542 <b>\$81,89</b> 0		
Carryover			Program Code	201.110 Bridge M		ation
			Performance Measu	re 1 Bridge(s)		

# 2018 SHOPP Project List Del Norte



		<u>(</u> 3	1,000)						utans <sup>*</sup>
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	sital	Supp		COS Allocation FY	ı Miles	tonos
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:	\$1,068 \$1,141 \$154	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 Proje	\$6,003 ect Cost:		\$4,006 <b>\$10,009</b>			
Carryover			Program (			Bridge Maj Brid <mark>ge(</mark> s)	or Rehabili	tation	
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:	\$2,159 \$3,720 \$373 \$3,282	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 Proje	\$19,345 ect Cost:		\$9,534 <b>\$28,879</b>			
Carryover			Program (			Bridge Seis Bridge(s)	mic Restor	ation	
OADWAY PRES 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:	\$1,100 \$1,135 \$82 \$1,221	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 Proje	\$5,164 ect Cost:		\$3,538 <b>\$8,702</b>			
Carryover			Program (			Orainage Sy Culvert(s) (	ystem Reste	oration	
01-Del Norte-199 33.5/33.9 1115 0116000005	Near the Oregon State Line, from 0.1 mile to 0. 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
	A ALD ILLOW TO IN OIL		Subtotal: Total Proje	\$2,082 ect Cost:		\$2,603 <b>\$4,685</b>			
			Program (	Code	201.170 S	Signs and L	ighting Re	habilitation	

# 2018 SHOPP Project List Del Norte

(\$1,000)



		(3	1,000)					u	utans <sup>.</sup>
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı 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 the intersection of Ehlers Way and Route 101.	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
			Subtotal: Total Proj	\$2,027 ect Cost:		\$2,208 <b>\$4,235</b>			
New			Program (				l Improvem	ents of delay (DVHI	<b>)</b> )
			1 Ci Toi ilian	ice ivicasu	.2 D	uniy venic	ic noun(s) c	or delay (D v III	·)
64 CILITIES 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 1.	R/W: Const: Subtotal:	\$20 \$3,960 \$3,980 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$561 \$1,565 \$43 \$2,038 \$4,207 \$8,187	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
New			Program ( Performan			faintenance ocation(s)	e Facilities		
	D	el Norte	County	,					
			R/W: Const:	\$10,747 \$97,922	PA&ED: PS&E: R/W Sup: Con Sup:	\$16,571 \$2,846			

Total (Capital + Support):

\$174,106

# 2018 SHOPP Project List El Dorado



		(4	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	Miles	tones
MA IOR DAMACI	E 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 slip-outs.	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 emountment stope stip outs.		Subtotal: Total Proj	\$6,055 ect Cost:		\$3,490 <b>\$9,545</b>			
Carryover			Program (			ermanent ocation(s)	Restoration		
	T.C.T.O.Y.								
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
Carryover			Subtotal: Total Proj Program ( Performan	Code	201.010 S	\$1,139 \$2,422 afety Improcollision(s)			
<u> </u>							· 		
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 <b>\$48,000</b>			
Carryover			Program (		201.010 S re 117 C	afety Impi			
03-El Dorado-50 0.0/70.6 3318 0317000011	In Yolo, Sacramento and El Dorado Counties, is 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 Proj	\$2,005 ect Cost:		\$1,431 <b>\$3,436</b>			
New			Program (			Collision Socialision(s)	everity Redu	uction	

# 2018 SHOPP Project List El Dorado



		(Ψ.	1,000)					L	wows
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY		stones
03-El Dorado-50 0.0/80.4 3311 0315000200	In El Dorado County, from the Sacramento County line to east of Stateline Avenue. Upgrade guard rail to current standards.	0H500 2018-19	R/W: Const:	\$16 \$3,450	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$360 \$55 \$475	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/11/2017 10/1/2018 10/1/2018 4/1/2019
			Subtotal: Total Proj	\$3,466 ect Cost:		\$1,040 <b>\$4,506</b>			
Carryover			Program (			Collision S	everity Redu	uction	
03-El Dorado-50 R11.0/R31.6 3313 0316000010	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	R/W: Const:	\$10 \$2,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$90 \$170 \$30 \$460	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
			Subtotal: Total Proj	\$2,610 ect Cost:		\$750 <b>\$3,360</b>			
New			Program (			Collision S	everity Reduced	action	
RIDGE PRESER	RVATION								
03-El Dorado-50 R27.9/R29.8 6923 0317000152	Near Pollock Pines, at Sawmill Undercrossing No. 25-0041; also at Sly Park Road (PM R30.17/R31.3). Replace bridge, restore culverts and add highway lighting.	0H341 2019-20	R/W: Const:	\$53 \$8,850	PA&ED: PS&E: R/W Sup: Con Sup:	\$230 \$690 \$11 \$1,660	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/15/2017 8/15/2019 9/1/2019 12/15/2019
			Subtotal: Total Proj	\$8,903 ect Cost:		\$2,591 <b>\$11,494</b>			
Carryover			Program ( Performan			Bridge Maj Bridge(s)	or Rehabilit	ation	
ROADWAY PRES	SERVATION								
03-El Dorado-50 R2.7/R13.8 3315 0316000050	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	PA&ED: PS&E: R/W Sup: Con Sup:	\$630 \$570 \$540 \$940	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
			Subtotal: Total Proj	\$4,080 ect Cost:		\$2,680 <b>\$6,760</b>			
			Program (	Code	201.151 D	Orainage S	ystem Resto	ration	

#### 2018 SHOPP Project List El Dorado



03-El Dorado-50 R13.7/22.5 Road to 0.1 mile east of Braeburn Lane. 0317000003 R2317 Rehabilitate deteriorated culverts and provide access for wildlife crossing the route.  R2021-22 Const: \$4,500 R300 R/W Sup: \$180 R/W Sup: \$180 R/W Sup: \$180 R/W Sup: \$180 R/W Sup: \$1,440 R/W Sup: \$1,44	www	- C					.,000)	(Ψ		
R13.7/22.5   Rehabilitate deteriorated culverts and provide access for wildlife crossing the route.   2021-22   Const: \$4,500   PS&E: \$890   19-20   R/W Cert: RTL: Begin Con:   Subtotal: \$5,430   S2,800   Total Project Cost:   S8,230	lilestones	tion	Allocation		Suppo	oital	Сар		Location/Description	Post Mile PPNO
Total Project Cost: \$8,230  Program Code 201.151 Drainage System Restoration Performance Measure 36 Culvert(s) (ea)  MOBILITY  03-El Dorado-50 In El Dorado County, from the Sacramento 0.0/80.4 County line to east of Stateline Avenue. 3312 Upgrade new Transportation Management System elements. PA&ED: \$500 Prior R/W Cert: R/W Sup: \$580 Prior R/W Cert: R/W Sup: System elements.	ert: 8/1/2021	20 R/W Cert: 20 RTL:	19-20 19-20	\$890 \$180	PS&E: R/W Sup:				Road to 0.1 mile east of Braeburn Lane. Rehabilitate deteriorated culverts and provide	R13.7/22.5 3317
MOBILITY  03-El Dorado-50 In El Dorado County, from the Sacramento 0H520 R/W: \$150 PA&ED: \$500 Prior R/W Cert: 3312 Upgrade new Transportation Management System elements.  03-El Dorado-50 In El Dorado County line to east of Stateline Avenue. 2019-20 Const: \$9,150 PS&E: \$1,000 Prior R/W Cert: R/W Sup: \$580 Prior RTL: Begin Con: Subtotal: \$9,300 \$3,700										
0.0/80.4 County line to east of Stateline Avenue. 3312 Upgrade new Transportation Management 0315000202 System elements.  2019-20 Const: \$9,150 PS&E: \$1,000 Prior R/W Sup: \$580 Prior Con Sup: \$1,620 19-20 Begin Con: Subtotal: \$9,300 \$3,700		Restoration	•				O			New
03-El Dorado-50 In El Dorado County, from the Sacramento 0.0/80.4 County line to east of Stateline Avenue. 3312 Upgrade new Transportation Management System elements.  0315000202 Subtotal: \$9,300 Prior R/W Cert: \$9,150 PS&E: \$1,000 Prior R/W Cert: \$9,150 PS&E: \$1,000 Prior R/W Cert: \$1,620 PS&E: \$1,000 Prior R/W Cert: \$1,000 Prior R/										MOBILITY
	ert: 1/15/2020 TL: 2/1/2020	R/W Cert: RTL:	Prior Prior	\$1,000 \$580	PS&E: R/W Sup:				County line to east of Stateline Avenue. Upgrade new Transportation Management	03-El Dorado-50 0.0/80.4 3312
					K					
Program Code 201.315 Transportation Management Systems	tems	nagement Systems	ion Manage	ransportat	201.315 T	Code	Program (			
Carryover Performance Measure 51 Field element(s)			nt(s)	ield eleme	re 51 F	ice Measu	Performan			Carryover

R/W: \$4,440 PA&ED: \$5,850 Const: \$73,692 PS&E: \$9,372 R/W Sup: \$2,840 Con Sup: \$14,559	County	y				
			PS&E: R/W Sup:	\$9,372 \$2,840		
		R/W: Const:	Const: \$73,692  Subtotal: \$78,132	R/W: \$4,440 PA&ED: Const: \$73,692 PS&E: R/W Sup: Con Sup: Subtotal: \$78,132	R/W: \$4,440 PA&ED: \$5,850 Const: \$73,692 PS&E: \$9,372 R/W Sup: \$2,840 Con Sup: \$14,559 Subtotal: \$78,132 \$32,621	R/W: \$4,440 PA&ED: \$5,850 Const: \$73,692 PS&E: \$9,372 R/W Sup: \$2,840 Con Sup: \$14,559 Subtotal: \$78,132 \$32,621





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		COS Allocation FY		tones
COLLIGION DEI									
06-Fresno-43 0.0/7.3 6886 0617000082	Near Selma, from Kings County Line to East Mountain View Avenue. Construct rumble strips and update pavement delineation.	0V980 2018-19	R/W: Const:	\$1,026	PA&ED: PS&E: R/W Sup: Con Sup:	\$750 \$22 \$202	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/26/2017 8/1/2018 9/17/2018 3/15/2019
			Subtotal: Total Proje	\$1,026 ect Cost:		\$974 <b>\$2,000</b>			
Carryover			Program C		201.010 S re 16 C	afety Impi			
06-Fresno-168 11.7/R36.2 6866 0616000136	In Fresno County, between Shepherd Avenue and Lockwood Lane and Lodge Road Park and Ride and Tollhouse/Auberry Roads. Construct centerline rumble strip.		R/W: Const:	\$1 \$742	PA&ED: PS&E: R/W Sup: Con Sup:	\$220 \$635 \$1 \$404	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/15/2018 9/3/2018 9/10/2018 1/10/2019
			Subtotal: Total Proje	G	2	\$1,260 <b>\$2,003</b>			
Carryover			Program ( Performan		201.010 S re 26 C	afety Impi Collision(s)			
06-Fresno-5 0.0/1.7 6736 0615000040	Near Coalinga and Kettleman City, at the Coalinga-Avenal Safety Roadside Rest Area from Kings County line to Quist Undercrossing also in Kings County, from 0.2 mile south of Avenal Cutoff Road to Fresno County line (PM		R/W: Const:	\$102 \$4,350	PA&ED: PS&E: R/W Sup: Con Sup:	\$122 \$783 \$4 \$1,000	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/2/2017 11/5/2018 1/11/2019 7/1/2019
	26.4/26.7). Repair aging water and wastewater systems.		Subtotal: Total Proje	\$4,452 ect Cost:		\$1,909 <b>\$6,361</b>			
Carryover			Program ( Performan		201.235 N		e Access	ovements/ Free	way
MANDATES									
06-Fresno-33 69.3/70.9 6747 0615000043	In Firebaugh, from south of Morris Kyle Drive to Clyde Fannon Drive. Construct continuous accessible pedestrian path to comply with ADA standards.	0T250 2018-19	R/W: Const:	\$273 \$2,085	PA&ED: PS&E: R/W Sup: Con Sup:	\$221 \$780 \$240 \$475	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/9/2017 3/29/2019 4/1/2019 10/15/2019
			Subtotal: Total Proje	\$2,358 ect Cost:		\$1,716 <b>\$4,074</b>			
Carryover			Program (			Americans Eurb ramp(		ilities Act New	Curb Ramps







		( '	) <b>)</b>						7040
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	Miles	tones
BRIDGE PRESERY	VATION								
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: Const:	\$79 \$10,898	PA&ED: PS&E: R/W Sup: Con Sup:	\$850 \$1,900 \$4 \$2,800	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/31/2018 1/3/2020 2/3/2020 7/3/2020
			Subtotal: Total Proj	\$10,977 ect Cost:		\$5,554 <b>\$16,531</b>			
Carryover			Program (			Bridge Ma	jor Rehabilit	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: Const:	\$4 \$3,153	PA&ED: PS&E: R/W Sup: Con Sup:	\$480 \$923 \$10 \$814	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2018 1/21/2019 2/25/2019 9/2/2019
			Subtotal: Total Proje	\$3,157 ect Cost:	V	\$2,227 <b>\$5,384</b>			
			Program (	Code	201.112 E	Bridge Rai	l Replaceme	nt and Upgrad	e
Carryover			Performan	ice Measu	re 535 L	inear feet	į		
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 encase piers in concrete.	e 0U000 2020-21	R/W: Const: Subtotal: Total Proj	\$375 \$1,782 \$2,157 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$538 \$893 \$334 \$805 \$2,570 \$4,727	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2019 1/1/2021 2/1/2021 7/15/2021
Carryover			Program ( Performan			Bridge Pre Bridge(s)	ventative Ma	nintenance	
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: Const:	\$291 \$7,050	PA&ED: PS&E: R/W Sup: Con Sup:	\$237 \$750 \$20 \$1,574	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/29/2017 7/1/2018 9/1/2018 2/15/2019
			Subtotal: Total Proj	\$7,341 ect Cost:		\$2,581 <b>\$9,922</b>			
Carryover			Program ( Performan			Bridge Pre Bridge(s)	ventative Ma	aintenance	





(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** ROADWAY PRESERVATION R/W: \$56 PA&ED: Prior PA&ED: 12/3/2018 06-Fresno-99 In and near Selma and Fowler, from 0.1 south of 0U420 \$845 Rose Avenue Undercrossing to Merced Street 2019-20 \$2,000 R5.7/11.1 \$86,000 PS&E: 18-19 R/W Cert: 12/13/2019 \* Const: Undercrossing. Replace pavement with 6800 R/W Sup: \$24 18-19 RTL: 1/24/2020 Continuous Reinforced Concrete Pavement Begin Con: 0616000004 \* Con Sup: \$11,000 19-20 9/2/2020 (CRCP). Update curb ramps to meet current ADA standards. Subtotal: \$86,056 \$13,869 **Total Project Cost:** \$99,925 (G13 Contingency) \* Construction Capital and \* Construction Support phase are NOT authorized 201.120 Roadway Rehabilitation (3R) **Program Code** Carryover **Performance Measure** 32.4 Lane mile(s) 06-Fresno-168 Near Prather, from Sample Road to Oak Creek 0U450 R/W: \$5 PA&ED: \$750 Prior 2/15/2019 PA&ED: Road. Upgrade barrier railing, cold plane 2019-20 PS&E: \$1,230 18-19 R/W Cert: 18.6/T25.5 Const: \$5,000 3/13/2020 pavement, place Hot Mix Asphalt (HMA) and 6809 R/W Sup: \$1 18-19 RTL: 3/26/2020 Rubberized Hot Mix Asphalt concrete (RHMA). 0615000298 Con Sup: \$1,140 19-20 Begin Con: 9/18/2020 \$5,005 \$3,121 Subtotal: \$8,126 **Total Project Cost:** 201.121 Pavement Rehabilitation (CAPM) **Program Code** Carryover Performance Measure 14.6 Lane mile(s) 0S460 R/W: \$25 PA&ED: 06-Fresno-99 In and near Kingburg, from Route 201 to south \$577 Prior 8/3/2017 PA&ED: of Second Street. Roadway rehabilitation. R0.9/R5.0 2018-19 Const: \$24,086 \$1,496 R/W Cert: 10/4/2018 PS&E: Prior 6727 R/W Sup: \$43 Prior RTL: 11/6/2018 0615000038 Con Sup: \$2,705 18-19 Begin Con: 6/4/2019 Subtotal: \$24,111 \$4,821 Total Project Cost: \$28,932 **Program Code** 201.122 Roadway Rehabilitation (2R) Performance Measure 8.1 Lane mile(s) Carryover R/W: 06-Fresno-198 In Fresno County, at various locations; also in 0R110 \$165 PA&ED: 5/22/2017 PA&ED: Kern County on Route 119 at various locations. 2018-19 R14.5/R18.2 Const: \$1,206 PS&E: \$1,184 Prior R/W Cert: 3/1/2019 Replace damaged drainage systems. 6802 R/W Sup: \$463 Prior RTL: 4/1/2019 0614000030 Con Sup: \$454 18-19 Begin Con: 10/14/2019 \$1,371 \$2,101 Subtotal: \$3,472 **Total Project Cost: Program Code** 201.151 Drainage System Restoration Carryover Performance Measure 7 Culvert(s) (ea)





		(3	1,000)					u	altrans°
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Capit	al	Suppo	ort	FY	Miles	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	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	PA&ED: R/W Cert: RTL: Begin Con:	11/15/2019 7/23/2021 8/23/2021 2/18/2022
	Shaw Avenue offramp.		Subtotal: \$ Total Project			\$8,250 <b>\$22,957</b>			
New			Program Coo				Improvem le hour(s) o	ents of delay (DVH)	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).	0V780 2020-21	R/W: Const: \$	\$30 \$16,010	PA&ED: PS&E: R/W Sup: Con Sup:	\$619 \$1,809 \$165 \$1,791	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
	Replace and upgrade existing communication elements for the Traffic Management System (TMS).		Total Project			\$4,384 <b>\$20,424</b>			
Carryover			Program Coo Performance			ransportat ield eleme	_	ement Systems	
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.		R/W: Const:	\$119 \$3,036	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$1,017 \$450 \$1,056	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/3/2018 12/2/2019 12/16/2019 6/1/2020
			Subtotal: Total Project	\$3,155 t Cost:		\$3,323 <b>\$6,478</b>			
Carryover			Program Coo			ransportat ield eleme	·	ement Systems	
<b>ROADSIDE PRES</b>	<u>SERVATION</u>								
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 Project	\$1,577 t Cost:		\$1,013 <b>\$2,590</b>			
New			Program Coo				anting Resi	toration	

#### 2018 SHOPP Project List Fresno (\$1,000)



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		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
	3		Subtotal: Total Proje	\$1,451 ect Cost:		\$898 <b>\$2,349</b>			
New			Program (			ighway I	Planting Rest	oration	

Fresno County
R/W: \$1,535 PA&ED: \$7,561
Const: \$184,149 PS&E: \$19,626
R/W Sup: \$1,934
Con Sup: \$31,450
Subtotal: \$185,684 \$60,571
Total (Capital + Support): \$246,255

# 2018 SHOPP Project List Glenn





		(4	1,000)			шишь
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Sunnaut	COS Allocation FY	Milestones
EFIS	Location/Description	rrog rear	Сарпаі	Support	I I	Milestolles
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 MVPs, and trim trees and shrubs to improve highway	3F500 2020-21	R/W: \$10 Const: \$2,000	PS&E: \$4 R/W Sup: \$ Con Sup: \$5	18-19 120 19-20 180 19-20 140 20-21	PA&ED: 7/1/2019 R/W Cert: 7/2/2020 RTL: 8/1/2020 Begin Con: 2/15/2021
	worker safety.		Subtotal: \$2,010  Total Project Cost:	\$1,3 <b>\$3,</b> 3		
New			Program Code Performance Measu	201.235 Mainte	nance Access	vements/ Freeway
03-Glenn-5 R14.6 3710 0314000161	Near Willows, at the Willows Safety Roadside Rest Area (SRRA). Upgrade potable water and wastewater systems.	4F420 2019-20	R/W: \$20 Const: \$4,100	PS&E: \$5	740 Prior 750 18-19 760 18-19 780 19-20	PA&ED: 10/1/2018 R/W Cert: 7/2/2019 RTL: 7/2/2019 Begin Con: 2/15/2020
			Subtotal: \$4,120 Total Project Cost:  Program Code		<b>.50</b> de Safety Impro	vements/ Freeway
Carryover			Performance Measu	ire 1 Locatio	on(s)	
MANDATES						
03-Glenn-32 L0.0/0.8 3788 0314000291	In Orland, from Route 5 to Woodward Avenue. Upgrade pedestrian infrastructure to meet ADA requirements.	4F810 2019-20	R/W: \$88 Const: \$700	PS&E: \$4 R/W Sup: \$4	240 Prior 205 Prior 265 Prior 260 19-20	PA&ED: 4/1/2018 R/W Cert: 9/1/2019 RTL: 10/1/2019 Begin Con: 4/1/2020
			Subtotal: \$788 Total Project Cost:	\$1,3 <b>\$2,1</b>		
Carryover			Program Code Performance Measu			lities Act New Curb Ramp
<u>BRIDGE PRESEI</u>	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 Sacramento River Bridge No. 11-0017.	f 3F060 2020-21	R/W: \$1,000 Const: \$65,000	PA&ED: \$5,5 PS&E: \$5,5 R/W Sup: \$1,2 Con Sup: \$10,0	500 18-19 200 18-19	PA&ED: 8/1/2018 R/W Cert: 10/1/2020 RTL: 10/15/2020 Begin Con: 4/1/2021
			Subtotal: \$66,000  Total Project Cost:	\$22,2 <b>\$88,2</b>		
New			Program Code Performance Measu	201.113 Bridge are 1 Bridge		ation

#### 2018 SHOPP Project List Glenn



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

Glenn County		
R/W: \$1,1	18 <b>PA&amp;</b> E	D: \$6,560
Const: \$71,80	00 PS&	E: \$6,875
	R/W Su	ap: \$1,805
	Con St	up: \$11,980
Subtotal: \$72,91	18	\$27,220
Total (Capital + S	upport):	\$100,138





10.5/10.8	Location/Description  CTION  Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park Road. Curve correction.	EA Prog Year 0F160 2019-20	R/W: Const:  Subtotal: Total Proje	\$309 \$2,240 \$2,549	PA&ED: PS&E: R/W Sup: Con Sup:		Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2019 1/1/2020 1/15/2020 7/1/2020
01-Humboldt-36 N 10.5/10.8 H 2415 H 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park		Const:  Subtotal:	\$2,240 \$2,549	PS&E: R/W Sup:	\$904 \$174 \$537 \$2,525	18-19 18-19	R/W Cert: RTL:	1/1/2020 1/15/2020
01-Humboldt-36 N 10.5/10.8 H 2415 H 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park		Const:  Subtotal:	\$2,240 \$2,549	PS&E: R/W Sup:	\$904 \$174 \$537 \$2,525	18-19 18-19	R/W Cert: RTL:	1/1/2020 1/15/2020
Carryover				. ,					
Carryover									
			Program C		201.010 Sa re 20 C	afety Improllision(s)			
78.1/79.6 S	In Eureka, on 4th Street from Broadway to Y Street. Restripe to add traffic and bicycle lanes, construct pedestrian bulb-outs and ADA ramps, and install or modify signals.	0E680 2018-19	R/W: Const:	\$360 \$6,254	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,114 \$690 \$362 \$1,236	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2018 6/1/2019 6/15/2019 1/23/2020
			Subtotal: Total Proje	\$6,614 ect Cost:	K	\$3,402 <b>\$10,016</b>			
			Program (		201.010 Sa	, ,			
Carryover			Performan	ice Measu	re 503 C	ollision(s)	reduced		
87.8/R91.5 S 7024 S 0117000013	In and near Arcata, between West End Road and School Road at four locations. Construct shoulder rumble strip, upgrade guardrail, construct guardrail slope retaining wall, and place High Friction Surface Treatment (HFST).	2019-20	R/W: Const:	\$1,301	PA&ED: PS&E: R/W Sup: Con Sup:	\$394 \$582 \$90 \$616	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 11/1/2019 11/1/2019 4/1/2020
		) '	Subtotal: Total Proje	\$1,301 ect Cost:		\$1,682 <b>\$2,983</b>			
			Program (	Code	201.010 Sa	afety Impi	rovements		
Carryover			Performan	ce Measu	re 30 C	ollision(s)	reduced		
R14.7/R15.7 F 2435 S	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 <b>\$3,232</b>			
Carryover			Program (		201.010 Sare 13 C	nfety Improllision(s)			



		(v	1,000)						www.
Dist- Co-Rte Post Mile							COS		
PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		Allocation FY	ı Miles	tones
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 \$7,013	PA&ED: PS&E: R/W Sup: Con Sup:	\$986 \$864 \$21 \$921 \$2,792	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
			Total Proj Program (		201.010 S	\$9,805	rovements		
Carryover			Performan	ice Measu	re 40 C	Collision(s)	reduced		
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
			Subtotal: Total Proj		201.010 S	\$5,871 <b>\$17,278</b> Safety Impo	rovements		
Carryover			Performan	ice Measu	re 118 C	Collision(s)	reduced		
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 ADA curb ramps, and instal a bus turn-out.	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 Proj	\$2,805 ect Cost:		\$3,755 <b>\$6,560</b>			
			Program (	Code	201.010 S	afety Impi	rovements		
Carryover			Performan	ice Measu	re 18 C	Collision(s)	reduced		
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	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:	9/1/2018 2/1/2020 3/1/2020 9/15/2020
	<b>▼</b>		Subtotal: Total Proj	\$9,914 ect Cost:		\$3,343 <b>\$13,257</b>			
			Program (	Code	201.015 C	Collision S	everity Red	luction	





		(3	1,000)						arars'
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	Suppo	ort	FY	Miles	tones
01-Humboldt-101 80.8/87.8 2375 0113000094	Near Eureka, from PMs 80.0 to 87.8. Upgrade metal beam guardrail.	0C970 2018-19	R/W: Const:	\$118 \$1,763	PA&ED: PS&E: R/W Sup: Con Sup:	\$510 \$300 \$48 \$267	18-19 Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/10/2017 10/1/2018 10/15/2018 6/20/2019
			Subtotal: Total Proje	\$1,881 ect Cost:		\$1,125 <b>\$3,006</b>			
Carryover			Program C		201.015 C re 39 C	Collision Se	-	luction	
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:	3/1/2020 7/15/202 8/1/202 3/13/2022
	and construct a Class I bike path.	,	Subtotal: Total Proje	\$5,907 ect Cost:	(	\$3,715 \$9,622			
New			Program C		201.015 C re 48 C	Collision So	-	luction	
01-Humboldt-101 88.2/88.3 2397 0114000117	In Arcata, at Route 299. Realign ramp curve.	0E650 2019-20	R/W: Const:	\$600 \$3,220	PA&ED: PS&E: R/W Sup: Con Sup:	\$901 \$662 \$164 \$613	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2013 12/1/2019 1/1/2020 5/1/2020
			Subtotal: Total Proje	\$3,820 ect Cost:		\$2,340 <b>\$6,160</b>			
Carryover			Program C		201.015 C re 24 C	Collision Socialision(s)		luction	
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
011/00002/			Subtotal:	\$8,209		\$3,109			
0117000027			Total Proje			\$11,318			





Proposition   Park   Post Mile   Program			( .	, ,						7040
O1-Humboldr-254   2-2	PPNO	Location/Description		Саг	oital	Supp		Allocation		tones
O1-Humboldr-254   2-2	MANDATES									
New   Program   Companies   New   Program   Companies   Program   Program   Companies   Program   Progr	01-Humboldt-36 21.5 2366	Gate Drive. Construct erosion control BMP measures to achieve Statewide NPDES permit compliance unit (CU) credits that will stabilize				PS&E: R/W Sup:	\$873 \$334	20-21 20-21	R/W Cert: RTL:	9/1/2021 10/1/2021
New   Near Phillipsville, at 0.7 mile south of Maple   4.2		storm water sediment discharge to the impaired			. ,					
1511   1500	New			_				•		
Statewide NPDES permit mandate goals   S5 million in funds from AB 95 are designated for this project.   Subtotal:   \$10,612   \$17,299   \$17,299   \$17,299   \$17,299   \$17,299   \$17,299   \$17,2019	4.2 2403	Hills Road. Replace existing Fish Creek concrete box culvert with a bridge to eliminate fish passage barrier and decrease sediment loads.	2021-22			PS&E: R/W Sup:	\$1,863 \$173	20-21 20-21	R/W Cert: RTL:	2/14/2022 3/14/2022
New   Near Blue Lake, from north of Simpson Road to north of Chezem Road at various locations. Install erosion control Storm Water Mitigation measures at 3 locations.   2019-20   Const.   \$3,008   PS&E:   \$880   Prior   R/W Cert:   7/1/2019   R/W Cup:   \$7/1/2019   R/W Cup:   \$8/1/2019   R/W Cup		Statewide NPDES permit mandate goals. \$5 million in funds from AB 95 are designated for				X				
Near Blue Lake, from north of Simpson Road to north of Chezem Road at various locations.   2019-20   201				Program (	Code	201.335 S	torm Wat	er Mitigation	n	
R16.1/R26.6 2378   Install erosion control Storm Water Mitigation measures at 3 locations.   2619-20   Const.   \$3,008   PS&E:   \$880   Prior   RTL:   871/2019   RTL:   87	New			<b>Pe</b> rformar	ic <mark>e M</mark> easu	re 79 A	cre(s) tre	ated/pollutar	nt	
Total Project Cost:   \$5,069	R16.1/R26.6 2378	north of Chezem Road at various locations. Install erosion control Storm Water Mitigation				PS&E: R/W Sup:	\$880 \$89	Prior Prior	R/W Cert: RTL:	7/1/2019 8/1/2019
O1-Humboldt-101 77.3/78.1 Street. Upgrade curb ramps, driveways, and 2021-22 const: \$4,505 PS&E: \$965 19-20 R/W Cert: 8/15/2021 sidewalk, and add Accessible Pedestrian Signal (APS) upgrades to make compliant with ADA standards; also, install fiber optic communications connection from traffic signals to the Caltrans district office.  Performance Measure 14.33 Acre(s) treated/pollutant  R/W: \$180 PA&ED: \$1,089 18-19 PA&ED: 12/1/2019 R/W Cert: 8/15/2021 R/W Sup: \$965 19-20 R/W Cert: 8/15/2021 R/W Sup: \$979 19-20 R/W Sup: \$9										
77.3/78.1 Street. Upgrade curb ramps, driveways, and 2021-22 Const: \$4,505 PS&E: \$965 19-20 R/W Cert: 8/15/2021 Sidewalk, and add Accessible Pedestrian Signal (APS) upgrades to make compliant with ADA standards; also, install fiber optic communications connection from traffic signals to the Caltrans district office.  PS&E: \$965 19-20 R/W Cert: 8/15/2021 R/W Sup: \$979 19-20 RTL: 9/1/2021 R/W Sup: \$979 19-20 R/W Su	Carryover			_				•		
communications connection from traffic signals to the Caltrans district office.  Subtotal: \$4,685 \$4,112  Total Project Cost: \$8,797  Program Code 201.361 Americans with Disabilities Act New Curb Ramps	77.3/78.1 2456	Street. Upgrade curb ramps, driveways, and sidewalk, and add Accessible Pedestrian Signal (APS) upgrades to make compliant with ADA				PS&E: R/W Sup:	\$965 \$979	19-20 19-20	R/W Cert: RTL:	8/15/2021 9/1/2021
		communications connection from traffic signals								
New Performance Measure 27 Curb ramp(s)				_					lities Act New	Curb Ramps
	New			Performar	ice Measu	re 27 C	urb ramp	(s)		





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Dist- Co-Rte Post Mile PPNO		EA			~		COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Capi	ital	Suppo	ort	FY	Miles	stones
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 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:	
			Subtotal: Total Proje	\$6,284 ect Cost:		\$2,687 <b>\$8,971</b>			
Carryover			Program C		201.378 II		re	ilities Act Pede	estrian
DIDGE DDEGER	NY A THOM								
01-Humboldt-101 124.5 2447 0116000109	Near Orick, at 0.2 mile south of Lost Man Cree Bridge. Remove fish passage barrier.	k 0F960 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 Proje	\$6,442 ect Cost:		\$3,736 <b>\$10,178</b>		•	
Carryover			Program C			Bridge Maj Bridge(s)	or Rehabili	itation	
01-Humboldt-36 11.4/34.5 2363 0112000292	Near Bridgeville, at Hely Creek Bridge No. 04-0092, Little Larabee Creek Bridge No. 04-010: (PM 25.3), and Butte Creek Bridge No. 04-0116. Upgrade bridge rails and widen at three bridges.		R/W: Const:	\$502 \$14,689	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,947 \$3,646 \$268 \$4,325	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 4/15/2019 5/1/2019 9/1/2019
			Subtotal: Total Proje	\$15,191 ect Cost:		\$11,186 <b>\$26,377</b>			
Carryover			Program C			Bridge Rail inear feet	Replaceme	ent and Upgrad	de
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, or	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:	10/5/2021 12/15/2021
	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 <b>\$16,293</b>			
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		(+	1,000)						wuws
Dist- Co-Rte Post Mile PPNO	Lagation/Decayintion	EA Duag Vaan	Com	ital	C		COS Allocation		tonos
EFIS	Location/Description	Prog Year	Сар	itai	Suppo	ort	FY	Miles	tones
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.	s 0E000 2018-19	R/W: Const:	\$196 \$4,249	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,480 \$1,514 \$63 \$892	18-19 Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/10/2017 3/15/2019 4/1/2019 11/21/2019
			Subtotal: Total Proje	\$4,445 ect Cost:		\$3,949 <b>\$8,394</b>			
Carryover			Program C			Bridge Rail Linear feet	Replaceme	ent and Upgrad	e
01-Humboldt-96 2302 0113000109	In Humboldt County, on Routes 96 and 101 at various locations. Seismic retrofit 3 bridges.	0A120 2019-20	R/W: Const:	\$1,089 \$6,171	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,856 \$171	Prior Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 2/1/2020 2/15/2020 9/1/2020
			Subtotal: Total Proje	\$7,260 ect Cost:	(	\$5,394 <b>\$12,654</b>		•	
Carryover			Program C Performan			Bridge Seis Bridge(s)	mic Restor	ation	
01-Humboldt-101 27.7 2301 0112000211	Near Myers Flat, at South Fork Eel River Bridge No. 04-0123. Seismic retrofit.	0A110 2019-20	R/W: Const:	\$44 \$6,078	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,641 \$2,072 \$215	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 1/1/2020 1/1/2020 7/1/2020
			Subtotal: Total Proje	\$6,122 ect Cost:		\$8,783 <b>\$14,905</b>			
Carryover			Program C			Bridge Seis Bridge(s)	mic Restor	ation	
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 Proje	\$7,532 ect Cost:		\$3,564 <b>\$11,096</b>			
			Program C	Code	201.113 E	Bridge Seis	mic Restor	ation	
Carryover			Performan	co Moner	ro 1 D	Bridge(s)			



Dist-Co-Rte									
Post Mile PPNO		EA				,	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сарі	ital	Supp		FY	Miles	tones
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 Longvale at Long Valley Creek Rest Area Bridge No. 10 -0240Y (PM 61.82). Apply polyester concrete overlay or methacrylate treatment to bridge		Subtotal: Total Proje	\$1,483 ect Cost:		\$1,839 <b>\$3,322</b>			
	decks.		Program Co	ode		•	entative M	aintenance	
New			Performano	ce Measu	re 5 E	Bridge(s)			
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:	1/1/2019 1/1/2020 1/1/2020 12/25/2020
	unce orage sauctures.		Subtotal: Total Proje	\$11,468 ect Cost:	(	\$4,532 <b>\$16,000</b>			
Carryover			Program C	ode	201.322 T	rans Perm	it Requiren	nents for Bridg	es
			Performance	ce Measu	re 3 E	Bridge(s)			
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	18-19 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/4/2020 3/3/2020
01-Humboldt-299 R1.5/R2.0 2430	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard		R/W:	\$31	PA&ED: PS&E: R/W Sup:	\$564 \$857 \$26	19-20 19-20	R/W Cert: RTL:	2/4/2020 3/3/2020
01-Humboldt-299 R1.5/R2.0 2430	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard		R/W: Const:	\$31 \$4,028 \$4,059	PA&ED: PS&E: R/W Sup:	\$564 \$857 \$26 \$1,124	19-20 19-20	R/W Cert: RTL:	8/1/2019 2/4/2020 3/3/2020 8/4/2020
01-Humboldt-299 R1.5/R2.0 2430	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard		R/W: Const:	\$31 \$4,028 \$4,059 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$857 \$26 \$1,124 \$2,571 \$6,630	19-20 19-20 19-20	R/W Cert: RTL:	2/4/2020 3/3/2020 8/4/2020
01-Humboldt-299 R1.5/R2.0 2430	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard		R/W: Const: Subtotal: Total Proje	\$31 \$4,028 \$4,059 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$857 \$26 \$1,124 \$2,571 \$6,630	19-20 19-20 19-20	R/W Cert: RTL: Begin Con:	2/4/2020 3/3/2020 8/4/2020
01-Humboldt-299 R1.5/R2.0 2430 0116000018	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard vertical clearance.		R/W: Const: Subtotal: Total Proje	\$31 \$4,028 \$4,059 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$857 \$26 \$1,124 \$2,571 <b>\$6,630</b>	19-20 19-20 19-20	R/W Cert: RTL: Begin Con:	2/4/2020 3/3/2020 8/4/2020
01-Humboldt-299 R1.5/R2.0 2430 0116000018	east of Route 101 at the Route 200/299 Separation No. 04-0184. Establish standard vertical clearance.		R/W: Const:  Subtotal: Total Proje  Program Co Performance  R/W:	\$31 \$4,028 \$4,059 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$564 \$857 \$26 \$1,124 \$2,571 <b>\$6,630</b> Frans Perm Bridge(s) \$579 \$680 \$85	19-20 19-20 19-20	R/W Cert: RTL: Begin Con:	2/4/2020 3/3/2020 8/4/2020
01-Humboldt-299 R1.5/R2.0 2430 0116000018  New  ROADWAY PRE 01-Humboldt-101 R39.2/R48.3 2422	servation  Near Redcrest, from Englewood Park Undercrossing to Eel River Bridge and	2019-20 0F360	R/W: Const:  Subtotal: Total Proje  Program Co Performance  R/W:	\$4,059 ect Cost: ode ee Measu \$6 \$14,515	PA&ED: PS&E: R/W Sup: Con Sup:  201.322 Tre 1 E  PA&ED: PS&E: R/W Sup:	\$564 \$857 \$26 \$1,124 \$2,571 <b>\$6,630</b> Frans Perm Bridge(s) \$579 \$680 \$85	19-20 19-20 19-20 it Requiren Prior Prior Prior	R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	2/4/2020 3/3/2020 8/4/2020 4/1/2018 2/1/2019 2/1/2019



		( .	1,000)					•	wuws
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	Suppo	ort	FY	Miles	tones
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 O Street to Eureka Slough Bridge. Pavement rehabilitation.	0E040 0 2018-19	R/W: Const:	\$21 \$3,135	PA&ED: PS&E: R/W Sup: Con Sup:	\$107 \$167 \$104 \$725	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2018 3/1/2019 3/15/2019 10/3/2019
			Subtotal: Total Proje	\$3,156 ect Cost:		\$1,103 <b>\$4,259</b>			
Carryover			Program C			avement R		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: Const:	\$12 \$45,355	PA&ED: PS&E: R/W Sup: Con Sup:	\$332 \$561 \$84 \$4,287	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 11/1/2020 11/15/2020 6/1/2021
			Subtotal: Total Proje Program C	C	201.121 P	\$5,264 \$50,631	Rehabilitati	on (CAPM)	
Carryover			Performan	ce Measu	re 77.7 L	ane mile(s	s)		
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: Const:	\$366 \$31,243	PA&ED: PS&E: R/W Sup: Con Sup:	\$646 \$1,258 \$52 \$6,696	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/15/2018 1/15/2020 2/1/2020 7/6/2020
			Subtotal: Total Proje	\$31,609 ect Cost:		\$8,652 <b>\$40,261</b>			
Carryover			Program C Performan		201.122 R	-		on (2R)	
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	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
	mile north of Route 101 Separation (PM 16.1 to 20.0). Rehabilitate or replace drainage culverts.		Subtotal: Total Proje	\$3,209 ect Cost:		\$2,962 <b>\$6,171</b>		1	
Carryover			Program C		201.151 E	Orainage Sy Culvert(s) (		oration	



		(4	1,000)						
Dist- Co-Rte Post Mile PPNO		EA	_				COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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 Proje	\$1,758 ect Cost:		\$1,905 <b>\$3,663</b>			
Carryover			Program C			Orainage S Culvert(s) (	ystem Rest	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
Carryover			Subtotal: Total Proje  Program C  Performan	Code		\$3,554 \$8,742 Orainage S	ystem Rest	oration	
Carryover			Teriorinan	ec ivicasu	24 0	(3) (	<i>(cu)</i>		
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:	\$240 \$6,807	PA&ED: PS&E: R/W Sup: Con Sup:	\$414 \$667 \$114 \$830	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 Proje	\$7,047 ect Cost:		\$2,025 <b>\$9,072</b>			
Carryover			Program C Performan			•	l Improvem	ents of delay (DVHI	<b>D</b> )
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:	\$1,008 \$1,329 \$90 \$1,546	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 Proje	\$4,113 ect Cost:		\$3,973 <b>\$8,086</b>			
New			Program C			•	l Improvem	nents of delay (DVHI	<b>D</b> )



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	ı Milest	ones
<u>FACILITIES</u>									
01-Humboldt-101	In Eureka, at the District 1 Materials Laboratory	0C110	R/W:	\$1,388	PA&ED:	\$1,134	18-19	PA&ED:	4/1/2019
	located at the District Office complex (1726	2020-21	Const:	\$4,284	PS&E:	\$1,380	18-19	R/W Cert:	7/1/2020
2355	Albee Street). Replace District 1 Materials Lab				R/W Sup:	\$567	18-19	RTL:	9/4/2020
0112000229	(L5731) at alternative site to address health, safety, accessibility, and operational				Con Sup:	\$1,702	20-21	Begin Con:	2/1/2021
	deficiencies.		Subtotal:	\$5,672		\$4,783			
			Total Proje	ect Cost:		\$10,455			
			Program C	Code	201.354 N	laterials L	abs		
New			Performan	ce Measu	re 1 L	ocation(s)			

Humboldt County
R/W: \$19,347 PA&ED: \$36,679
Const: \$266,799 PS&E: \$41,112
R/W Sup: \$7,102 Con Sup: \$57,691
Subtotal: \$286,146 \$142,584
Total (Capital + Support): \$428,730

# 2018 SHOPP Project List Imperial



		`	-,					
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	Miles	tones
COLLISION RED	UCTION							
11-Imperial-Var 1201 1116000095	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: Const: \$1,7	\$0 PA&ED: 12 PS&E: R/W Sup: Con Sup:	\$317 \$493 \$0 \$462	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/16/2020 12/6/2021 1/13/2022 10/14/2022
			Subtotal: \$1,7 Total Project Co		\$1,272 <b>\$2,984</b>			
New			Program Code Performance Me		Collision S	everity Red	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: Const: \$2,0	\$0 PA&ED: 70 PS&E: R/W Sup: Con Sup:	\$385 \$585 \$0 \$571	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/7/2020 6/11/2021 7/30/2021 12/30/2021
New			Subtotal: \$2,0 Total Project Co Program Code Performance Me	201.235 M		e Access	vements/ Free	way
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 2021-22	R/W: Const: \$2,1	\$0 PA&ED: 41 PS&E: R/W Sup: Con Sup:	\$169 \$650 \$0 \$661	18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/23/2019 8/13/2021 9/3/2021 1/10/2022
			Subtotal: \$2,1 Total Project Co		\$1,480 <b>\$3,621</b>			
New			Program Code Performance Me		Americans Curb ramp(		lities Act New	Curb Ramps
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: \$6	PA&ED: 87 PS&E: R/W Sup: Con Sup:	\$177 \$409 \$201	Prior 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/23/2018 7/18/2019 8/26/2019 4/27/2020
			Subtotal: \$6 Total Project Co		\$787 <b>\$1,474</b>			
Carryover			Program Code Performance Me		Orainage S	ystem Resto	oration	

# 2018 SHOPP Project List Imperial



PPNO EFIS	Location/Description	EA Prog Year	Capit	al	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 Projec	\$417 t Cost:		\$726 <b>\$1,143</b>			
			Program Co	de	201.151 Di	ainage S	ystem Resto	ration	
Carryover			Performance	e Measu	re 4 Cu	ılvert(s) (	ea)		

Imperial (	County
	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  Cotal (Capital + Support): \$12,833

#### 2018 SHOPP Project List Inyo

(\$1,000)



		(\$	1,000)						altrans°
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Supp		COS Allocation FY		tones
	<u> </u>	- g							
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 Proj	\$1,238 ect Cost:		\$1,466 <b>\$2,704</b>			
New			Program (			Collision Se	everity Red reduced	luction	
OADWAY 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
C			Program (	Code			ystem Resto	oration	
Carryover			renorman	ice Measu	ile 5 C	Culvert(s) (	<u> </u>		
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 SHOPP construction projects.	36490 2021-22	R/W: Const: Subtotal: Total Proj	\$31 \$1,840 \$1,871	PA&ED: PS&E: R/W Sup: Con Sup:	\$890 \$380 \$100 \$460 \$1,830 \$3,701	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
New			Program (	Code			nhancemen	ıt	
		Inve	Count						
		myo	County						
			R/W: Const:	\$831 \$5,288	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,531 \$1,545 \$258 \$1,542			
			Subtotal:	\$6,119		\$4,876			

Total (Capital + Support):

\$10,995



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Sunn		COS Allocation FY	ı Miles	tonos
LFIS	Location/Description	rrog rear	Сарг	เลเ	Suppo	ort	ГÏ	lvilles	tones
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: Const:	\$5 \$1,309	PA&ED: PS&E: R/W Sup: Con Sup:	\$375 \$525 \$5 \$390	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 2/2/2019 3/22/2019 9/26/2019
			Subtotal: Total Project	\$1,314 et Cost:		\$1,295 <b>\$2,609</b>			
Carryover			Program Co		201.010 S re 17 C	afety Impi			
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: Const:	\$950 \$3,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,100 \$1,300 \$530 \$970	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 3/2/2020 3/16/2020 8/1/2020
			Subtotal: Total Project	\$4,550 et Cost:	V	\$3,900 \$8,450			
Carryover			Program Co Performanc		201.010 S re 16 C	afety Impi follision(s)			
06-Kern-223 21.0/21.3 6709 0614000162	In and Near Arvin, at Derby Street. Install traffic signals.	0S510 2018-19	R/W: Const:	\$74 \$1,396	PA&ED: PS&E: R/W Sup: Con Sup:	\$348 \$775 \$345 \$530	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/10/2015 8/15/2018 9/1/2018 3/1/2019
			Subtotal: Total Project	\$1,470 et Cost:		\$1,998 <b>\$3,468</b>			
Carryover			Program Co		201.010 S re 6 C	afety Improduction(s)			
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: Const:	\$1 \$2,831	PA&ED: PS&E: R/W Sup: Con Sup:	\$240 \$570 \$10 \$910	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2019 5/1/2020 10/16/2020 5/15/2021
	dansiton runings to current standards.		Subtotal: Total Project	\$2,832 et Cost:		\$1,730 <b>\$4,562</b>			
New			Program Co			follision Sollision(s)	everity Red reduced	luction	





Dist- Co-Rte Post Mile PPNO EFIS									
		EA				1	COS Allocation	1	
	Location/Description	Prog Year	Cap	ital	Suppo	ort	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 <b>\$5,044</b>			
New			Program (		201.015 C re 39 C	Collision Se	,	luction	
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 <b>\$4,269</b>			
Carryover			Program (		201.235 N		e Access	ovements/ Free	way
IANDATES									
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 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 <b>\$6,437</b>			
New			Program ( Performan			Americans Curb ramp(		ilities Act New	Curb Ramp
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 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
			Subtotal: Total Proje	\$3,182 ect Cost:		\$5,483 <b>\$8,665</b>			
New			Program C			americans		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
BRIDGE PRESEI	RVATION					
06-Kern-166 17.3/17.7 6726 0615000047	Near Mettler, at California Aqueduct Bridge No. 50-0323. Bridge rehabilitation.	0. 0S050 2020-21	R/W: \$1,10 Const: \$30,00		00 20-21 00 20-21	PA&ED: 12/1/2018 R/W Cert: 11/15/2020 RTL: 3/1/2021 Begin Con: 11/15/2021
			Subtotal: \$31,10 Total Project Cost	*		
Carryover			Program Code Performance Meas	201.110 Bridge I	_	tation
06-Kern-5 12.5 6877 0617000225	Near the Grapevine, at the California Aqueduct No. 50-0321L/R. Improve to standard load capacity.  ACCELERATED BRIDGE (PA&ED Only)	0W460 2018-19	* R/W: \$1 * Const: \$4,10		30 18-19 10 18-19	PA&ED: 4/2/2018 R/W Cert: 7/2/2018 RTL: 8/1/2018 Begin Con: 12/14/2018
Carryover			* Const, * R/W, * F  Program Code  Performance Meas	201.322 Trans Pe	Con Sup phase(	nents for Bridges
06-Kern-5 R15.8 6876 0617000222	Near the Grapevine, at the Route 5/99 Separation No. 50-0240R. Lower roadway profile to obtain standard vertical clearance.  ACCELERATED BRIDGE (PA&ED Only)	0W430 2018-19	* R/W: \$1 * Const: \$4,50	0 PA&ED: \$1,60	00 18-19 70 18-19 10 18-19	PA&ED: 4/2/2018 R/W Cert: 7/2/2018 RTL: 8/1/2018 Begin Con: 12/14/2018
			Subtotal: \$4,510  Total Project Cost  * Const, * R/W, * F	: \$7,79	00	s) are NOT authorized
Carryover			Program Code Performance Meas	201.322 Trans Persure 1 Bridge(s	•	nents for Bridges
ROADWAY PRE	SERVATION					
06-Kern-184 0.8/8.2 6803 0616000001	Near Bakersfield, from south of Hickory Lane to north of Brundage Lane. Upgrade ADA curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA).	0U290 2021-22	R/W: \$2,23 Const: \$17,70	· · · · · · · · · · · · · · · · · · ·	75 19-20 30 19-20	PA&ED: 10/1/2019 R/W Cert: 8/1/2021 RTL: 8/16/2021 Begin Con: 2/1/2022
	1 7		Subtotal: \$19,93  Total Project Cost			
Carryover			Program Code Performance Meas	201.120 Roadwa sure 18.5 Lane mi	•	n (3R)





		(3	1,000)						arans
Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	<b>Location/Description</b>	<b>Prog Year</b>	Capi	tal	Suppo	ort	FY	Miles	tones
06-Kern-184 8.1/12.1 6798 0616000033	In and near Bakersfield, from 0.2 mile south of Edison Highway to Route 178. Upgrade ADA curbs and barrier railing, widen shoulders, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete	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:	1/2/201 9/9/202 10/2/202 4/11/202
	(RHMA) to rehabilitate roadway.		Subtotal: Total Projec	\$7,950 et Cost:		\$4,190 <b>\$12,140</b>			
Carryover			Program Co			Loadway R Lane mile(s	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:	8/1/202 3/2/202 4/1/202 11/1/202
			Subtotal: Total Projec	\$12,723 et Cost:	(	\$1,616 <b>\$14,339</b>			
Carryover			Program Co					on (CAPM)	
06-Kern-46 49.0/50.9 6810 0615000299	In and near Wasco, from Magnolia Avenue to Route 43 South. Upgrade ADA curb ramps, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (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:	7/19/20 4/3/202 5/1/202 10/29/202
			Subtotal: Total Projec	\$4,690 ct Cost:		\$2,920 <b>\$7,610</b>			
Carryover			Program Co			avement R		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:	10/1/202 1/1/202 3/1/202 9/1/202
	Ť		Subtotal: Total Projec	\$8,850 et Cost:		\$4,750 <b>\$13,600</b>			





		(\$	1,000)			Caltrans*
Dist- Co-Rte Post Mile PPNO EFIS 06-Kern-204 5.1/6.7 6889 0616000002	Location/Description	EA Prog Year	,	Support	ı Milestones	
	In Bakersfield, from F Street to Route 99. Cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA).		R/W: \$1 Const: \$3,29		Prior 18-19 18-19 19-20	PA&ED: 8/13/2018 R/W Cert: 11/15/2019 RTL: 12/10/2019 Begin Con: 6/15/2020
			Subtotal: \$3,30 Total Project Cost	,		
Carryover			Program Code Performance Mea	201.121 Pavement sure 4.7 Lane mile(		on (CAPM)
06-Kern-5 82.0/87.0 6820 0615000301  Near Kettleman City, from 0.34 mile south of Twisselman Road Overcrossing to Kings County line. Cold plane pavement, repair concrete pavement panels, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA) to rehabilitate roadway.	0U470 2019-20	R/W: \$6 Const: \$21,50		Prior 18-19 18-19 19-20	PA&ED: 8/3/2018 R/W Cert: 9/6/2019 RTL: 10/4/2019 Begin Con: 4/12/2020	
	Asphalt concrete (RHMA) to rehabilitate		Subtotal: \$21,56 Total Project Cost			
Carryover			Program Code Performance Mea	201.122 Roadway I		on (2R)
09-Kern-14 R5.7/R12.6 2633 0916000025	R5.7/R12.6 2633 0916000025  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 Continuously Reinforced 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	36740 2019-20	R/W: \$2 * Const: \$40,51		Prior 18-19 18-19 19-20	PA&ED: 7/2/2018 R/W Cert: 1/3/2020 RTL: 1/23/2020 Begin Con: 10/15/2020
						Begin Con. 10/13/2020
	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		Subtotal: \$40,53 Total Project Cost * Construction Cap	7 \$5,030 : \$45,567	Support pho	ase are NOT authorized
Carryover	Concrete Pavement (CRCP) lane 2, cold plane and overlay ramps with Rubberized Hot Mix Asphalt (RHMA-G). Replace guardrail,		Total Project Cost	7 \$5,030 : \$45,567 ital and * Construction 201.122 Roadway	Rehabilitatio	ase are NOT authorized
	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.	0T200 2018-19	Total Project Cost * Construction Cap  Program Code	7 \$5,030 : \$45,567 ital and * Construction 201.122 Roadway I sure 27.6 Lane mile( 0 PA&ED: \$1,160	Rehabilitatio	ase are NOT authorized
Carryover  06-Kern-99 0.0/11.2 6731	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.  (G13 Contingency)  In and near Bakersfield, from Route 5 to 0.3 mile north of Old US 99 Overcrossing.		Total Project Cost * Construction Cap  Program Code Performance Mea  R/W: \$12	7 \$5,030 : \$45,567 ital and * Construction 201.122 Roadway I sure 27.6 Lane mile( 0 PA&ED: \$1,160 0 PS&E: \$1,600 R/W Sup: \$100 Con Sup: \$5,200 0 \$8,060	Rehabilitations  (s)  Prior  Prior  Prior  Prior	ase are NOT authorized on (2R)  PA&ED: 9/22/2017 R/W Cert: 1/15/2018 RTL: 5/1/2018





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Dist- Co-Rte Post Mile						COS Allocation			
PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo	Support			Milestones	
06-Kern-99 10.4/21.2 6681 0614000010	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	R/W: \$30 * Const: \$45,440	) PA&ED:	\$700 \$2,300 \$20 \$4,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/20 1/1/20: 3/2/20: 8/1/20:	
	(G13 Contingency)		Subtotal: \$45,470  Total Project Cost: * Construction Cap.	:	\$7,820 <b>\$53,290</b> struction S	Support pho	ase are NOT au	uthorized	
Carryover			Program Code Performance Meas	201.122 R	oadway Ro		on (2R)		
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 11 pumping plants.	0U240 2019-20	R/W: \$122 Const: \$5,080		\$650 \$2,190 \$610 \$2,150	Prior 18-19 18-19 19-20		7/13/20 11/8/20 11/20/20 5/11/20	
			Subtotal: \$5,202 Total Project Cost:		\$5,600 <b>\$10,802</b>				
			Program Code	201.151 D	rainage Sy	stem Rest	oration		
Carryover			Performance Meas		ulvert(s) (				
06-Kern-5 5.6/8.8 6749 0613000243	Near Lebec, from north Lebec Road to south of Grapevine Road. Rehabilitate drainage systems	0Q820 - 2018-19		sure 11 C  PA&ED:			PA&ED: R/W Cert: RTL: Begin Con:	2/1/20 3/30/20	
06-Kern-5 5.6/8.8 6749		-	Performance Meas	D PA&ED: D PS&E: R/W Sup: Con Sup:	\$375 \$670 \$100	Prior Prior Prior	PA&ED: R/W Cert: RTL:	2/1/20 3/30/20	
06-Kern-5 5.6/8.8 6749		-	R/W: \$150 Const: \$5,100 Subtotal: \$5,250	11 C D PA&ED: D PS&E: R/W Sup: Con Sup: D 201.151 D	\$375 \$670 \$100 \$690 \$1,835 <b>\$7,085</b>	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/1/20 3/30/20	
06-Kern-5 5.6/8.8 6749 0613000243		-	R/W: \$150 Const: \$5,100 Subtotal: \$5,250 Total Project Cost:	11 C D PA&ED: D PS&E: R/W Sup: Con Sup:  201.151 D Sure 5 C 2 PA&ED:	\$375 \$670 \$100 \$690 \$1,835 \$7,085	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/1/20 2/1/20 3/30/20 11/1/20 3/1/20 2/1/20 3/1/20 9/16/20	
06-Kern-5 5.6/8.8 6749 0613000243 <i>Carryover</i> 06-Kern-5 R7.5/R9.0 6884	In Kern County, from 2.4 miles north of Fort Tejon Overcrossing to 1.2 miles south of Grapevine Undercrossing at four locations.	0W160	R/W: \$150 Const: \$5,100 Subtotal: \$5,250 Total Project Cost:  Program Code Performance Meas  R/W: \$132	D PA&ED: D PS&E: R/W Sup: Con Sup:  201.151 D Sure 5 C 2 PA&ED: 2 PS&E: R/W Sup: Con Sup:	\$375 \$670 \$100 \$690 \$1,835 \$7,085 rainage Sy ulvert(s) (6 \$955 \$2,173 \$29	Prior Prior Prior 18-19  Prior 18-19  Prior 18-19  18-19	PA&ED: R/W Cert: Begin Con:  PA&ED: R/W Cert: RTL:	2/1/20 3/30/20 11/1/20 3/1/20 2/1/20 3/1/20	





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Dist-Co-Rte Post Mile PPNO EFIS	Post Mile		ar Capital		Al Support		COS Allocation FY Mile		lestones	
MODILITY	<u> </u>		*		**					
MOBILITY 06-Kern-99 22.8/23.6 6891 0618000019	In Bakersfield from 0.3 mile south of Belle Terrace Overcrossing to 0.1 mile north of Route 58; also on Route 58 from Route 99 to 0.2 mile east of Route 99 (PM R52.3 to R52.5). Construct an auxiliary lane, reconstruct an	48464 2018-19	R/W: Const: \$3	0,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$4,500	18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/5/2015 8/1/2017 7/1/2018 8/1/2018	
	Overcrossing, and realign connector ramp.		Subtotal: \$3 Total Project	0,960 Cost:		\$4,800 <b>\$35,760</b>				
New			Program Code Performance		201.310 O re 648 D		-	ents of delay (DVHI	D)	
ROADSIDE PRE	SERVATION									
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	
Carryover			Program Code Performance	e	201.210 H re 12.36 A		anting Res	toration		
<b>FACILITIES</b>										
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	36750 2021-22		1,001 8,867	PA&ED: PS&E: R/W Sup: Con Sup:	\$930 \$2,630 \$432 \$2,778	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	
	facility that is in constant need of repairs.		Subtotal: \$ Total Project	9,868 C <b>ost:</b>		\$6,770 <b>\$16,638</b>				
New			Program Code Performance		201.352 M	Iaintenanc ocation(s)	e Facilities			
	<u> </u>	Kern	County							
				8,216 6,881 5.097	PA&ED: PS&E: R/W Sup: Con Sup:	\$36,134 \$9,436				
			Total (Capital			453,750				

# 2018 SHOPP Project List Kings





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Supp		COS Allocation FY	ı Miles	tones
		<u>8</u>	5[		- PP				
06-Kings-VAR 6797 0616000027	E 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,	0U300 2019-20	R/W: Const:	\$130 \$15,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$640 \$1,880 \$1,000 \$1,850	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
	emergency readiness, mobility, functionality, and operation efficiency.		Subtotal: Total Proj	\$15,130 ect Cost:		\$5,370 <b>\$20,500</b>			
Carryover			Program (			Permanent l	Restoration	ı	
COLLISION RED	OUCTION								
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 ( Performan		201.235 N	Roadside Sa Maintenanc Location(s)		ovements/ Free	way
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 MVPs and slope paving at bridges.	0U790 2020-21	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
			Subtotal: Total Proj	\$3,793 ect Cost:		\$1,855 <b>\$5,648</b>			
New			Program (		201.235 N	Roadside Sa Maintenanc Location(s)	e Access	ovements/ Free	way
BRIDGE PRESER	RVATION								
06-Kings-41 30.6/33.0 6873 0616000208	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 susceptibility to liquefaction.		R/W: Const:	\$94 \$21,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,300 \$2,700 \$400 \$6,400	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2020 9/1/2021 10/1/2021 5/11/2022
	. , .		Subtotal: Total Proj	\$21,494 ect Cost:		\$11,800 <b>\$33,294</b>			
Carryover			Program (			Bridge Majo Bridge(s)	or Rehabili	tation	

# 2018 SHOPP Project List Kings





Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppe		COS Allocation FY	ı Milest	ones
ROADSIDE PRES	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.	0V820 2020-21	R/W: Const: Subtotal:	\$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 C Performan			Highway Pl	anting Res	toration	

Kings County
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 <b>Total (Capital + Support):</b> \$69,054

# 2018 SHOPP Project List Lake





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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
COLLISION RED	DUCTION								
01-Lake-20 5.1/5.7 4647 0116000170	Near Upper Lake, from 0.4 mile west to 0.2 mile east of Witter Springs Road. Curve improvement, shoulder widening, and add left-turn pocket and rumble strips.	0G330 2019-20	R/W: Const:	\$234 \$7,441	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,463 \$1,877 \$144 \$1,870	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/8/2019 4/1/2020 4/15/2020 12/3/2020
			Subtotal: Total Proje	\$7,675 ct Cost:		\$5,354 <b>\$13,029</b>			
Carryover			Program Co		201.010 S re 14 C	afety Imp			
01-Lake-29 3203 0115000004	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 Proje	\$6,105 ct Cost:	K	\$4,672 <b>\$10,777</b>			
Camaranan			Program Co		201.010 S	, ,			
01-Lake-29 12.8/14.4 3102 0115000003	Near Lower Lake, from north of Spruce Grove Road to south of Hofacker Lane. Widen shoulders.	0E720 2019-20	Performand 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 Proje	\$9,315 ct Cost:		\$4,951 <b>\$14,266</b>			
Carryover			Program Co		201.010 S re 18 C	afety Imp			
01-Lake-29 28.5/31.6 3099 0114000043	Near Kelseyville, from north of Route 29/281 Junction to north of Route 29/175 Junction. Improve 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		11/30/2016 12/15/2018 1/15/2019 8/3/2019
			Subtotal: Total Proje	\$48,355 ct Cost:		\$17,695 <b>\$66,050</b>			
Commence			Program Co		201.010 S	afety Imp			
Carryover			r ei iorman(	e ivieasu	16 83 C	O11151011(S	, reduced		

#### 2018 SHOPP Project List Lake





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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	Suppo	ort	FY	Miles	tones
01-Lake-1 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 \$3,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$742 \$812 \$81 \$1,266	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
			Subtotal: Total Proje	\$3,812 ect Cost:		\$2,901 <b>\$6,713</b>			
Carryover			Program C			Collision S	everity Red	luction	
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 Proje	\$3,351 ect Cost:	K	\$1,894 <b>\$5,245</b>			
Carryover			Program ( Performan			Bridge Maj Bridge(s)	or Rehabili	itation	
01-Lake-20 3098 0113000122	In Lake County, on Routes 20, 29 and 175 at various locations. Replace and upgrade bridge rails on 5 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 Proje	\$5,884 ect Cost:		\$4,004 <b>\$9,888</b>			
Carryover			Program (			Bridge Rail inear feet	Replacem	ent and Upgrad	le
OBILITY									
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
V11300034	improve traffic monitoring and data transmission.		Subtotal: Total Proje	\$2,117 ect Cost:	con bup.	\$2,510 <b>\$4,627</b>	20 21	1.0.2.2.3.	12/11/12/02/0
C.			Program C			•		ement Systems	3
Carryover			Performan	ce ivieasu	re 21 F	ield eleme	mt(s)		

#### 2018 SHOPP Project List Lake





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	n Milestones
01-Lake-53 3104 0115000033	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	PA&ED: 7/1/2019 R/W Cert: 6/25/2020 RTL: 8/1/2020 Begin Con: 12/17/2020
			Subtotal: Total Proje	\$2,162 ect Cost:		\$2,721 <b>\$4,883</b>		
Carryover			Program C			ransportat	·	ement Systems
ULTIPLE OBJ	ECTIVE							
01-Lake-20	Near Clearlake Oaks, at the Clearlake Oaks	0G700	* R/W:	\$6	PA&ED:	\$230	Prior	PA&ED: 6/17/201
28.4 3112 0117000051	Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging.	2018-19	* Const:		* PS&E: * R/W Sup: * Con Sup:	\$150 \$32 \$133	18-19 18-19 18-19	R/W Cert: 12/24/2013 RTL: 1/15/2013 Begin Con: 5/15/2013
28.4 3112	Maintenance Station. Transportation infrastructure improvement for zero-emission	2018-19	* Const:  Subtotal: Total Proje	\$367	* R/W Sup: * Con Sup:	\$32 \$133 \$545 <b>\$912</b>	18-19 18-19	R/W Cert: 12/24/201 RTL: 1/15/201
28.4 3112	Maintenance Station. Transportation infrastructure improvement for zero-emission vehicle charging.	2018-19	* Const:  Subtotal: Total Proje	\$367 ect Cost: R/W, * PSo	* R/W Sup: * Con Sup: * E, * R/W S	\$32 \$133 \$545 <b>\$912</b> up, * Con	18-19 18-19 Sup phase(	R/W Cert: 12/24/201 RTL: 1/15/201 Begin Con: 5/15/201

R/W: \$11,343 PA&ED: \$11,795 Const: \$77,800 PS&E: \$13,352 R/W Sup: \$2,901

Con Sup: \$19,199

 Subtotal:
 \$89,143
 \$47,247

 Total (Capital + Support):
 \$136,390

# 2018 SHOPP Project List Lassen





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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
OLLISION RED	UCTION								
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 Proje	\$3,000 ect Cost:		\$2,175 <b>\$5,175</b>			
Carryover			Program C Performan		201.010 S re 16 C	afety Impo			
RIDGE PRESE	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:	\$60	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 Proje	\$3,656 ect Cost:		\$4,259 <b>\$7,915</b>			
			Program C				or Rehabili	tation	
Carryover			Performan	ce Measu	re 1 B	Bridge(s)			
OADWAY PRE	<u>SERVATION</u>								
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 Proje	\$24,091 ect Cost:		\$5,763 <b>\$29,854</b>			
Carryover			Program C Performan			Roadway R	ehabilitatio	n (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
	Todaria, Tempolitation.		Subtotal: Total Proje			\$5,300 <b>\$19,898</b>			
Carryover			Program C			Roadway R	ehabilitatio	n (3R)	

#### 2018 SHOPP Project List Lassen



(\$1,000)

		(+-	-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY		stones
<u>FACILITIES</u>									
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	\$12,870 ect Cost:		\$6,150 <b>\$19,020</b>			
			Program (	Code	201.352 M	laintenanc	ce Facilities		
Carryover			Performan	ice Measu	re 1 L	ocation(s)			
		Lassen	County	,					
			R/W: Const:	\$1,752 \$56,463	PA&ED: PS&E:				
			Collst.	ψ50, <del>4</del> 05	I Sale.	φ,,505			

R/W Sup:

\$58,215

**Total (Capital + Support):** 

Subtotal:

Con Sup: \$9,801

\$907

\$23,647

\$81,862



		(Ψ	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
MAJOR DAMAGE	ERESTORATION								
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 Proj	\$8,200 ect Cost:		\$7,700 <b>\$15,900</b>			
Carryover			Program (			Permanent	Restoration		
COLLISION RED	UCTION								
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 Proj	\$529 ect Cost:		\$1,784 \$2,313			
Carryover			Program ( Performan		201.010 S re 32 C	Safety Imp Collision(s			
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 Proj	\$2,610 ect Cost:		\$2,477 <b>\$5,087</b>			
Carryover			Program (		201.010 S re 62 C	Safety Imp			
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 Proj	\$18,457 ect Cost:		\$9,099 <b>\$27,556</b>			
			Program (	Code	201.010 S	Safety Imp	rovements		



		(+	1,000)						wuws
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Cap	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 <b>\$3,226</b>			
Carryover			Program C Performan		201.010 S	afety Impi			
<u> </u>								1	
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	33150 2019-20	R/W: Const:	\$4,982 \$25,284	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,835 \$3,735 \$1,318 \$5,390	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
	will require Dynamic Message Signs (DMS) monitored by the TMC.		Subtotal: Total Proje	\$30,266 ect Cost:		\$13,278 <b>\$43,544</b>			
Carryover			Program C		201.010 S re 504 C	afety Impr			
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	R/W: Const:	\$11 \$2,059	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 \$1,265 \$15 \$885	Prior Prior Prior 18-19	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 <b>\$4,835</b>			
Carryover			Program C Performan		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 <b>\$3,197</b>		ı	
Carryover			Program C		201.010 S	afety Impi			



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Dist-Co-Rte							COS		
Post Mile							Allocation		
PPNO		EA	~ .		~				
EFIS	Location/Description	Prog Year	Capit	al	Suppo	ort	FY	Miles	tones
07-Los Angeles-605	In Irwindale, at the Route 605 northbound ramp	31880	R/W:	\$1,077	PA&ED:			DARED	6/29/2016
Č	to westbound Live Oak Avenue. Realign and	2019-20				¢1 222	D	PA&ED: R/W Cert:	
23.4/23.6	widen ramp, construct retaining wall, install	2019-20	Const:	\$3,520	PS&E:	\$1,232	Prior		2/18/2020
4963	concrete barrier and replace guardrail.				R/W Sup:	\$276	Prior	RTL:	4/8/2020
0716000001	concrete barrier and replace guardran.				Con Sup:	\$1,340	19-20	Begin Con:	7/7/2020
			C1-4-4-1.	\$4,597		\$2,848			
			Subtotal:						
			Total Projec	t Cost:		\$7,445			
			Program Co	de	201.010 S	afety Impi	rovements		
Carryover			Performance	e Measu	re 203 C	Collision(s)	reduced		
07-Los Angeles-Var	In Los Angeles and Ventura Counties, on	31930	R/W:	\$10	PA&ED:	\$594	18-19	PA&ED:	7/15/2019
_	various routes and locations. Upgrade and	2020-21	Const:	\$2,090	PS&E:	\$1,571	19-20	R/W Cert:	9/1/2020
4969	install new curve warning signs.				R/W Sup:	\$12	19-20	RTL:	10/1/2020
0716000022					Con Sup:	\$878	20-21	Begin Con:	7/30/2021
					1	-	<u> </u>		
			Subtotal:	\$2,100		\$3,055			
			Total Projec	t Cost:		\$5,155			
			Program Co	de	201.015 C	Collision So	everity Red	luction	
New			Performance	e Measu	re 20 C	collision(s)	reduced		
07-Los Angeles-1	In Long Beach, at Lakewood Boulevard (Route	29910	R/W:	\$11	PA&ED:	\$478	Prior	PA&ED:	7/10/2018
3.5	19) and Los Alamitos Traffic Circle. Install	2018-19	Const:	\$2,326	PS&E:	\$1,028	18-19	R/W Cert:	2/28/2019
4632	pavement delineation, overhead guide signs and				R/W Sup:	\$20	18-19	RTL:	3/29/2019
0713000302	associated roadway improvements.				Con Sup:	\$607	18-19	Begin Con:	12/18/2019
								I	
			Subtotal:	\$2,337		\$2,133			
			Total Projec	t Cost:		\$4,470			
		) '	Total Projec	t Cost:		\$4,470			
		) '			201 015 (	ŕ	everity Red	luction	
Communication		) `	Program Co	de		Collision Se	everity Red	luction	
Carryover		) `		de		ŕ	-	luction	
	In Los Angeles County in Angeles National	33250	Program Co Performance	de e Measu	re 59 C	Collision So Collision(s)	reduced	1	7/15/2019
07-Los Angeles-2	In Los Angeles County, in Angeles National Forest, from 0.3 mile east of Bay Tree Road to	33250 2020-21	Program Co Performance R/W:	de e Measu \$28	re 59 C PA&ED:	Collision So Collision(s) \$1,020	reduced 18-19	PA&ED:	7/15/2019 1/20/2021
07-Los Angeles-2 26.7/79.2	Forest, from 0.3 mile east of Bay Tree Road to	33250 2020-21	Program Co Performance R/W:	de e Measu	re 59 C PA&ED: PS&E:	Collision Solision(s) \$1,020 \$2,670	18-19 19-20	PA&ED: R/W Cert:	1/20/2021
07-Los Angeles-2 26.7/79.2 5151		2020-21	Program Co Performance R/W:	de e Measu \$28	PA&ED: PS&E: R/W Sup:	Collision So Collision(s) \$1,020 \$2,670 \$20	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	1/20/2021 3/20/2021
07-Los Angeles-2 26.7/79.2	Forest, from 0.3 mile east of Bay Tree Road to 0.7 mile west of Big Pines Highway at various	2020-21 I	Program Co Performance R/W:	de e Measu \$28	re 59 C PA&ED: PS&E:	Collision So Collision(s) \$1,020 \$2,670 \$20	18-19 19-20	PA&ED: R/W Cert:	1/20/2021
07-Los Angeles-2 26.7/79.2 5151	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 instal	2020-21 I	Program Co Performance R/W: Const: 5	de e Measu \$28 \$16,507	PA&ED: PS&E: R/W Sup:	Collision So Collision(s) \$1,020 \$2,670 \$20	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	1/20/2021 3/20/2021
07-Los Angeles-2 26.7/79.2 5151	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 instal new guardrail, and install stormwater Treatment	2020-21 I	Program Co Performance  R/W: Const: \$  Subtotal: \$	de **Measu \$28 \$16,507	PA&ED: PS&E: R/W Sup:	Sollision Sollision(s) \$1,020 \$2,670 \$20 \$2,600	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	1/20/2021 3/20/2021
07-Los Angeles-2 26.7/79.2 5151	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 instal new guardrail, and install stormwater Treatment	2020-21 I	Program Co Performance R/W: Const: 5	de **Measu \$28 \$16,507	PA&ED: PS&E: R/W Sup:	Sollision Sollision(s) \$1,020 \$2,670 \$20 \$2,600	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	1/20/2021 3/20/2021
07-Los Angeles-2 26.7/79.2 5151	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 instal new guardrail, and install stormwater Treatment	2020-21 I	Program Co Performance  R/W: Const: \$  Subtotal: \$  Total Project	de \$28 \$16,507 \$16,535 t Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	Sollision Sollision(s) \$1,020 \$2,670 \$20 \$2,600 \$6,310 \$22,845	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/20/2021 3/20/2021
07-Los Angeles-2 26.7/79.2 5151	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 instal new guardrail, and install stormwater Treatment	2020-21 I	Program Co Performance  R/W: Const: \$  Subtotal: \$	de \$28 \$16,507 \$16,535 t Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	Sollision Sollision(s) \$1,020 \$2,670 \$20 \$2,600 \$6,310 \$22,845	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/20/2021 3/20/2021





Dist-Co-Rte			1,000)						
Post Mile PPNO		EA			_		COS Allocation		
<b>EFIS</b> 07-Los Angeles-10	Location/Description  In the cities of Monterey Park, Rosemead, and	Prog Year 33030	Capit	**************************************	Suppo PA&ED:	\$635	<b>FY</b> 18-19	Miles PA&ED:	8/30/2019
21.6/31.0 5077 0716000213	El Monte, from 0.7 mile west of South Fremont Avenue Undercrossing to 0.5 mile east of Durfee Avenue Undercrossing. Upgrade 27 overhead sign posts, associated pedestals, and			\$4,046	PS&E: R/W Sup: Con Sup:	\$1,820 \$531 \$1,945	19-20 19-20 21-22	R/W Cert:	10/29/2021 12/31/2021 8/1/2022
	concrete barriers to current standards to reduce the potential snagging for out of control vehicles.		Subtotal: Total Project	\$4,246 t Cost:		\$4,931 <b>\$9,177</b>			
New			Program Coo		201.015 C re 63 C	Collision Se	-	luction	
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.		R/W: Const:	\$20 \$4,190	PA&ED: PS&E: R/W Sup: Con Sup:	\$486 \$1,893 \$10 \$1,284	18-19 18-19 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	4/12/2019 12/17/2020 2/5/2021 10/8/2021
			Subtotal: Total Project	\$4,210 t Cost:	(	\$3,673 \$ <b>7,883</b>			
New			Program Co		201.015 C re 40 C	Collision Se Collision(s)	-	luction	
New  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	Performance R/W:				-	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020
07-Los Angeles-91 6.3/18.1 4968	Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89)		Performance R/W: Const:	\$10 \$2,300 \$2,310	PA&ED: PS&E: R/W Sup:	\$156 \$400 \$30	18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	
07-Los Angeles-91 6.3/18.1 4968	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		R/W: Const:	\$10 \$2,300 \$2,310 t Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$156 \$400 \$30 \$550 \$1,136 \$3,446	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020 12/1/2020
07-Los Angeles-91 6.3/18.1 4968 0716000020	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		R/W: Const: Subtotal: Total Project Program Cor Performance R/W:	\$10 \$2,300 \$2,310 t Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$156 \$400 \$30 \$550 \$1,136 \$3,446 Collision So Collision(s) \$550 \$4,800 \$27	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2020 12/1/2020
07-Los Angeles-91 6.3/18.1 4968 0716000020  New  07-Los Angeles-101 7.7/27.7 4709	Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89) and Route 405 (PM 0.27/28.51). Construct shoulder rumble strips ground-in indentations where right shoulder is less than four feet.  In the city of Los Angeles, from Highland Avenue to south of Parkway Calabasas. Upgrade median concrete barrier to meet the	30370	R/W: Const:  Subtotal: Total Project  Program Cor Performance  R/W: Const: \$	\$10 \$2,300 \$2,300 \$2,300 \$2,310 <b>t Cost:</b> de e Measu \$27 \$35,300	PA&ED: PS&E: R/W Sup: Con Sup:  201.015 C re 372 C  PA&ED: PS&E: R/W Sup: Con Sup:	\$156 \$400 \$30 \$550 \$1,136 \$3,446 Collision So Collision(s) \$550 \$4,800 \$27	reduced  18-19 19-20 19-20 20-21  everity Red reduced  Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:  duction  PA&ED: R/W Cert: RTL:	11/1/2020 12/1/2020 7/30/2021 12/29/2017 5/15/2019 6/14/2019



		(Ψ	1,000)						waws
Dist- Co-Rte Post Mile							COS		
PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		Allocation 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.		R/W: Const: \$4	4,520 R/	A&ED: PS&E: W Sup: on Sup:	\$306 \$2,280 \$45 \$1,357	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 10/15/2018 3/21/2019 8/30/2019
			Subtotal: \$4  Total Project C	4,545 C <b>ost:</b>		\$3,988 <b>\$8,533</b>			
Carryover			Program Code Performance M			ollision So	everity Red reduced	duction	
07-Los Angeles-5 39.2/R44.4 4975 0716000028	In San Fernando and Sylmar, from Pacoima Wash to Balboa Boulevard. Construct MVPs, access roads and gates, relocate irrigation facilities, pave beyond gore and under guardrail.	31990 2020-21	R/W: Const: \$2	2,588 R/	A&ED: PS&E: W Sup: on Sup:	\$495 \$1,322 \$16 \$1,140	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/30/2019 12/31/2020 1/29/2021 8/31/2021
			Subtotal: \$2 Total Project C	2,619 Cost:	2	\$2,973 \$5,592			
New			Program Code Performance M		1.235 M	oadside Sa laintenanc ocation(s)	e Access	ovements/ Free	way
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: \$5	5,464 R/	A&ED: PS&E: W Sup: on 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: \$5 Total Project C	5,494 C <b>ost:</b>		\$2,808 <b>\$8,302</b>			
Carryover			Program Code Performance M		01.235 N		e Access	ovements/ Free	way
07-Los Angeles-10 18.3/21.1 4716 0714000058	In the city of Los Angeles, from Route 5 to west of Route 710. Roadside safety improvements.	30430 2018-19	R/W: Const: \$2	2,553 R/	A&ED: PS&E: W Sup: on Sup:	\$139 \$1,100 \$34 \$1,060	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: \$2  Total Project C	2,583 C <b>ost:</b>		\$2,333 <b>\$4,916</b>			



Dist-Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	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 Proje	\$3,182 ect Cost:		\$2,666 <b>\$5,848</b>			
Carryover			Program C		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:	12/15/2020
	areas, cable mesh drapery systems and install sign post sleeves beyond gore.		Subtotal: Total Proje	\$3,082 ect Cost:		\$2,515 <b>\$5,597</b>			
V			Program C		201.235 N	1aintenanc	e Access	ovements/ Free	way
New			Program C		201.235 N		e Access	ovements/ Free	way
New  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			201.235 N	### ##################################	e Access	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2018 8/30/2019 10/1/2019 7/1/2020
07-Los Angeles-14 R54.6/R66.2 4811	Undercrossing to Avenue K 8 Overcrossing.		Performan R/W:	\$30 \$3,257 \$3,287	201.235 M re 72 L PA&ED: PS&E: R/W Sup:	### ##################################	Prior Prior Prior	PA&ED: R/W Cert: RTL:	2/1/2018 8/30/2019 10/1/2019
07-Los Angeles-14 R54.6/R66.2 4811	Undercrossing to Avenue K 8 Overcrossing.		R/W: Const:	\$30 \$3,257 \$3,287 ect Cost:	201.235 Nre 72 L PA&ED: PS&E: R/W Sup: Con Sup:	Anintenance sociation(s)  \$118 \$1,200 \$48 \$1,430  \$2,796 \$6,083	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
07-Los Angeles-14 R54.6/R66.2 4811 0715000006	Undercrossing to Avenue K 8 Overcrossing.		R/W: Const: Subtotal: Total Proje	\$30 \$3,257 \$3,287 ect Cost:	201.235 Nre 72 L PA&ED: PS&E: R/W Sup: Con Sup:	Aaintenance (Aaintenance (Aaint	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
07-Los Angeles-14 R54.6/R66.2 4811 0715000006 <i>Carryover</i> 07-Los Angeles-27 7.9/10.1 4652	Undercrossing to Avenue K 8 Overcrossing. Roadside safety improvements.  Near Glenview, from Entrado Drive to Woodland Crest Drive. Enhance highway worker safety by installing weed control under	29960	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$30 \$3,257 \$3,287 ect Cost: Code ce Measu \$1,100	201.235 Nre 72 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Nre 92 L PA&ED: PS&E: R/W Sup:	### ##################################	Prior Prior Prior 19-20  afety Impro e Access  Prior Prior Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	2/1/2018 8/30/2019 10/1/2019 7/1/2020 way 6/29/2015 3/9/2017 5/18/2017
07-Los Angeles-14 R54.6/R66.2 4811 0715000006 <i>Carryover</i> 07-Los Angeles-27 7.9/10.1 4652	Undercrossing to Avenue K 8 Overcrossing. Roadside safety improvements.  Near Glenview, from Entrado Drive to Woodland Crest Drive. Enhance highway worker safety by installing weed control under	29960	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$3,287 \$3,287 \$2,257 \$3,287 \$2,260 \$1,100 \$1,100 \$1,100 \$2,100 \$2,100 \$2,100 \$3,100 \$3,100 \$3,100	201.235 Nre 72 L  PA&ED: PS&E: R/W Sup: Con Sup:  R  201.235 Nre 92 L  PA&ED: PS&E: R/W Sup: Con Sup:  R  201.235 N	### Addition of the control of the c	Prior Prior Prior 19-20  afety Improve Access  Prior Prior Prior Prior Prior Prior Prior Prior Access	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	2/1/2018 8/30/2019 10/1/2019 7/1/2020 way 6/29/2015 3/9/2017 5/18/2017 12/7/2018



Rou 0.75.5   line to 0.1 mile west of Hospital Overcrossing 2021-22   Const.   \$2,885   PS&E.   \$5,885   19-20   R/W Cert.   R/W Sup.   \$666   21-22   R R.L.   1   Regim Construct Distribution swales.   Subtotal:   \$2,900   S1,456   S4,356   S4				-						
O7-Los Angeles-57   R. 0.05.5   S. 0.05.	PPNO	Location/Description		Can	sital	Supp		Allocatior		tones
New   Program   Color   Program   Progr	07-Los Angeles-57 R0.0/5.5 5023	In and near Diamond Bar, from Orange County line to 0.1 mile west of Hospital Overcrossing. Construct MVPs, pave beyond gore areas and	32480	R/W:	\$15	PA&ED: PS&E: R/W Sup:	\$183 \$585 \$22	18-19 19-20 21-22	PA&ED: R/W Cert: RTL:	4/21/2020 9/22/2021 10/21/2021 5/2/2022
New   Program   Vesture										
R7.7/R11.8	New					201.235 N	1aintenanc	e Access	ovements/ Free	way
Total Project Cost:   S5,296     Total Project Cost:   S5,296     Total Project Cost:   S5,296     Total Project Cost:   S6,296     Total Project Cost:   S6,297   Total Project Cost:   S7,207   T	R7.7/R11.8 4706	· · · · · · · · · · · · · · · · · · ·				PS&E: R/W Sup:	\$1,200 \$48	Prior Prior	R/W Cert: RTL:	1/19/2018 2/1/2019 3/1/2019 11/27/2019
Carryover										
R13.9/R16.6 4714 0714000057  River Bridge. Roadside safety improvements.  Carryover  O7-Los Angeles-101 R6.2/R9.2 Overcrossing to Barham Boulevard 5072 Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond  R13.9/R16.6 4714 O714000057  Const: \$3,601 PS&E: \$1,720 Prior R/W Sup: \$48 Prior ROadside Safety Improvements/ Subtotal: \$3,691 S3,187  Total Project Cost:  Roadside Safety Improvements/ Freew 201.235 Maintenance Access Performance Measure 23 Location(s)  R6.2/R9.2 Overcrossing to Barham Boulevard Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond  R7.W Cert: R7W Sup: \$3,601 PS&E: \$1,720 Prior R/W Sup: \$48 Prior RATL: Begin Con:  R7W Cert: R7H. Subtotal: \$3,691 S3,187  Total Project Cost:  Roadside Safety Improvements/ Freew 201.235 Maintenance Access Performance Measure 23 Location(s)  R6.2/R9.2 Const: \$3,185 PS&E: \$1,520 20-21 R/W Cert: R7W Cert: R7W Cert: R7W Sup: \$20 20-21 R7TL: Begin Con:						R	oadside Sa	afety Impro	ovements/ Free	way
Total Project Cost: \$6,878    Roadside Safety Improvements/ Freew Program Code 201.235 Maintenance Access Performance Measure 23 Location(s)    O7-Los Angeles-101   In the city of Los Angeles, from Wilton Place R6.2/R9.2   Overcrossing to Barham Boulevard 2021-22   Const: \$3,185   PS&E: \$1,520   20-21   R/W Cert: \$5072   Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond   Con Sup: \$1,465   21-22   Begin Con:	Carryover			_						
Program Code   201.235 Maintenance Access	07-Los Angeles-91 R13.9/R16.6 4714	0.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel		Performan R/W:	see Measu	PA&ED: PS&E: R/W Sup:	\$99 \$1,720 \$48	Prior Prior Prior	R/W Cert: RTL:	2/1/2019 3/1/2019
R6.2/R9.2       Overcrossing to Barham Boulevard       2021-22       Const:       \$3,185       PS&E:       \$1,520       20-21       R/W Cert:         5072       Overcrossing. Place minor concrete at narrow paving areas and slopes, pave areas beyond       R/W Sup:       \$20       20-21       RTL:         0716000203       paving areas and slopes, pave areas beyond       Con Sup:       \$1.465       21-22       Begin Con:	07-Los Angeles-91 R13.9/R16.6 4714	0.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel		R/W: Const:	\$90 \$3,601	PA&ED: PS&E: R/W Sup:	\$99 \$1,720 \$48 \$1,320 \$3,187	Prior Prior Prior	R/W Cert: RTL:	2/1/2019 3/1/2019
	07-Los Angeles-91 R13.9/R16.6 4714 0714000057	0.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel		R/W: Const: Subtotal: Total Proj	\$90 \$3,601 \$3,691 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$99 \$1,720 \$48 \$1,320 \$3,187 \$6,878	Prior Prior Prior 18-19	R/W Cert: RTL: Begin Con:	2/1/2019 3/1/2019 11/1/2019
sleeves and construct MVPs.  Subtotal: \$3,200 \$3,523  Total Project Cost: \$6,723	07-Los Angeles-91 R13.9/R16.6 4714 0714000057 <i>Carryover</i> 07-Los Angeles-101 R6.2/R9.2 5072	O.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel River Bridge. Roadside safety improvements.  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	32960 2021-22	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$90 \$3,601 \$3,691 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 N re 23 L PA&ED: PS&E: R/W Sup:	\$99 \$1,720 \$48 \$1,320 \$3,187 \$6,878 coadside Safaintenance ocation(s) \$518 \$1,520 \$20	Prior Prior Prior 18-19 afety Impro e Access	R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	12/29/2017 2/1/2019 3/1/2019 11/1/2019 way 8/15/2020 11/1/2021 12/1/2021 8/1/2022
Roadside Safety Improvements/ Freew  Program Code 201.235 Maintenance Access  New Performance Measure 142 Location(s)	07-Los Angeles-91 R13.9/R16.6 4714 0714000057 <i>Carryover</i> 07-Los Angeles-101 R6.2/R9.2 5072	O.2 mile west of Downey Avenue Undercrossing to 0.2 mile east of San Gabriel River Bridge. Roadside safety improvements.  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:  Subtotal: Total Projuman  R/W: Const:  Subtotal:	\$3,691 ect Cost: Code nce Measu \$15 \$3,185	PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 N re 23 L PA&ED: PS&E: R/W Sup:	\$99 \$1,720 \$48 \$1,320 \$3,187 \$6,878 \$0.00000000000000000000000000000000000	Prior Prior Prior 18-19 afety Impro e Access	R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	2/1/2019 3/1/2019 11/1/2019 way 8/15/2020 11/1/2021 12/1/2021



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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.	31640 2019-20	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:	9/7/2018 11/20/2019 12/6/2019 6/5/2020
			Subtotal: Total Proj	\$1,331 ect Cost:		\$1,760 <b>\$3,091</b>			
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 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
	signs.		Subtotal: Total Proj	\$2,170 ect Cost:		\$3,606 \$ <b>5,776</b>			
New			Program (		201.235 N		e Access	ovements/ Free	way
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 MVPs, upgrade end treatment to Smart cushion crash attenuator and place vegetation control under		R/W: Const:	\$9 <b>\$2</b> ,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:	12/24/2019 1/26/2021 3/18/2021 12/22/2021
	guardrail.		Subtotal: Total Proj	\$2,436 ect Cost:		\$3,029 <b>\$5,465</b>			
			Program (	Code			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 MVPs, pave beyond gore, repave side slopes, relocate irrigation controller, and provide access gates.	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
	<u> </u>		Subtotal: Total Proj	\$2,832 ect Cost:		\$3,902 <b>\$6,734</b>			
New			Program (		201.235 N		e Access	ovements/ Free	way



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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	PA&ED: R/W Cert:	6/27/2017 9/28/2018 11/28/2018 5/20/2019
	angawa systems.		Subtotal: Total Proje	\$2,674 ct Cost:		\$2,223 <b>\$4,897</b>			
Carryover			Program Co		201.235 N		e Access	ovements/ Free	way
07-Los Angeles-170 R14.5/R16.6 5073 0716000204	In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct MVPs, access trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install fencing and	32970 2021-22	R/W: Const:	\$41 \$3,262	PA&ED: PS&E: R/W Sup: Con Sup:	\$526 \$1,313 \$34 \$1,025	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
	gates, vandal resistant pedestrian undercrossing enclosures.		Subtotal: Total Proje	\$3,303 ct Cost:	(	\$2,898 <b>\$6,201</b>			
New			Program Co		201.235 N		e Access	ovements/ Free	way
07-Los Angeles-210 R24.6/R25.3 4810 0715000005	In Pasadena, at the Route 210/134/710 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: Total Proje	\$3,000 ct Cost:		\$2,088 <b>\$5,088</b>			
Carryover			Program Co		201.235 N	toadside Sa Maintenanc ocation(s)	e Access	ovements/ Free	way
07-Los Angeles-210 R25.0/R32.8 4708 0714000031	In Pasadena, Arcadia and Monrovia, from Route 710 to Huntington Drive. Roadside safety improvements.	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:	12/1/2017 2/1/2019 3/1/2019 9/30/2019
	*		Subtotal: Total Proje	\$2,654 ct Cost:		\$1,879 <b>\$4,533</b>			
			Program Co	ode	R 201.235 M			ovements/ Free	way



Location/Description  cities of Monrovia, Duarte, Irwindale, and Glendora, from Huntington Drive to 57. Roadside safety improvements.  ag Beach and Carson, from the Route 15 interchange to Route 110/405 thange. Construct access roads, pave	EA Prog Year 30190 2018-19	R/W: Const: Subtotal: Total Proje	\$30 \$5,488 \$5,518	Suppo PA&ED: PS&E: R/W Sup: Con Sup:		COS Allocation FY 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
cities of Monrovia, Duarte, Irwindale, and Glendora, from Huntington Drive to 57. Roadside safety improvements.  ag Beach and Carson, from the Route 15 interchange to Route 110/405	30190 2018-19	R/W: Const: Subtotal: Total Proje	\$30 \$5,488 \$5,518	PA&ED: PS&E: R/W Sup:	\$220 \$1,270 \$26 \$1,252 \$2,768	Prior Prior Prior	PA&ED: R/W Cert: RTL:	6/20/2017 11/1/2018 12/3/2018
05 interchange to Route 110/405		Total Proje						
05 interchange to Route 110/405								
05 interchange to Route 110/405		Performan		201.235 N			evements/ Freev	vay
d gore areas, construct MVPs, /patterned concrete paving on slopes,	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
de guardrail and end treatment, vegetation gement control.		Subtotal: Total Proje	\$2,290 ect Cost:		\$3,200 <b>\$5,490</b>			
				201.235 N	1aintenanc		ovements/ Freev	vay
ious cities, from 405/110Junction to north i/105 Junction. Construct MVPs, access rock blanket at islands and between ramps ograde 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
		Subtotal: Total Proje	\$3,835 ect Cost:		\$3,355 <b>\$7,190</b>			
				201.235 N	laintenanc		ovements/ Freev	vay
near Lakewood, from Los Angeles y line to 183rd Street. Construct MVPs, r assemblies for sign post sleeves, access 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
*		Subtotal: Total Proje	\$1,814 ect Cost:		\$2,685 <b>\$4,499</b>			
		_		201.235 N			vements/ Freev	way
io Sylvan	pus cities, from 405/110Junction to north (105 Junction. Construct MVPs, access ock blanket at islands and between ramps grade irrigation systems.  The property of the construct MVPs assemblies for sign post sleeves, access	pous cities, from 405/110Junction to north (105 Junction. Construct MVPs, access ock blanket at islands and between ramps grade irrigation systems.  The area of the construct MVPs and the construct MVPs, assemblies for sign post sleeves, access (2021-22)	Program C Performant 33870 R/W: Const: cock blanket at islands and between ramps grade irrigation systems.  Subtotal: Total Project Program C Performant C Perfor	Program Code Performance Measure Substitute State of the State Sta	Program Code 201.235 M Performance Measure 30 L  Dous cities, from 405/110Junction to north 105 Junction. Construct MVPs, access pack blanket at islands and between ramps grade irrigation systems.  Program Code 201.235 M R/W: \$29 PA&ED: Const: \$3,806 PS&E: R/W Sup: Con Sup:  Subtotal: \$3,835 Total Project Cost:  Program Code 201.235 M Performance Measure 61 L  R/W: \$20 PA&ED: Const: \$1,794 PS&E: R/W Sup: Con Sup:  Subtotal: \$1,814 Total Project Cost:  R/W: \$20 PA&ED: Const: \$1,794 PS&E: R/W Sup: Con Sup:  Subtotal: \$1,814 Total Project Cost:	Roadside St Program Code 201.235 Maintenance Performance Measure 30 Location(s)  Roadside St Program Code 201.235 Maintenance Performance Measure 30 Location(s)  R/W: \$29 PA&ED: \$522 Const: \$3,806 PS&E: \$1,420 R/W Sup: \$102 Con Sup: \$1,311  Subtotal: \$3,835 \$3,355  Total Project Cost: \$7,190  Program Code 201.235 Maintenance Performance Measure 61 Location(s)  near Lakewood, from Los Angeles or line to 183rd Street. Construct MVPs, assemblies for sign post sleeves, access cable railing, and gates.  Roadside St Const: \$1,794 PS&E: \$1,219 R/W Sup: \$42 Con Sup: \$926  Subtotal: \$1,814 \$2,685 Total Project Cost: \$4,499  Roadside St Roadsid	Roadside Safety Impro	Roadside Safety   Improvements   Free Note



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation 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.		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 Proje	\$2,779 ect Cost:		\$2,411 <b>\$5,190</b>			
Carryover			Program (		201.235 N		e Access	vements/ 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 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 \$1,253	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
New	Tenees/gates.		Subtotal: Total Proje Program C	Code	201.235 N		e Access	vements/ Freev	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 Rus Street. Relinquishment Financial Contribution Only 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 1/30/2018 4/30/2018
			Subtotal: Total Proje	\$1,500 ect Cost:		\$1,500			
New			Program (		201.160 R re 2.6 C	elinquishr			
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 Proje	\$1,630 ect Cost:		\$2,552 <b>\$4,182</b>			
Carryover			Program (				er Mitigation		



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	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.	30490 2018-19	R/W: Const:	\$427 \$4,740	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$1,961 \$62 \$1,691	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2018 2/20/2019 3/29/2019 10/31/2019
			Subtotal: Total Proje	\$5,167 ect Cost:		\$4,514 <b>\$9,681</b>			
Carryover			Program C Performan				er Mitigatio		
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 Bes Management Practices.		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		9/28/2018 11/27/2019 12/13/2019 9/30/2020
Carryover			Subtotal: Total Proje  Program C  Performan	ode			er Mitigatio		
Curryover				cc ivicasu	70.7	icic(s) tica	пса/ропита		
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 irrigatio	33200 2021-22	R/W: Const:	\$10 \$1,281	PA&ED: PS&E: R/W Sup: Con Sup:	\$497 \$1,054 \$16 \$1,028	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	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 <b>\$3,886</b>			
New			Program C Performan				er Mitigationted/polluta		
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	26080 2019-20	R/W: Const:	\$480 \$24,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,000 \$3,305 \$578 \$5,500	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
	Alameda Street (PM 4.8/8.5). Construct storm water treatment Best Management Practices.		Subtotal: Total Proje	\$24,480 ect Cost:		\$12,383 <b>\$36,863</b>			
Carryover			Program C				er Mitigatio		





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Dist-Co-Rte							cos		
Post Mile PPNO		EA				1	Allocation	1	
EFIS	<b>Location/Description</b>	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
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).		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 8/1/2021
	Construct permanent treatment BMPs.		Subtotal: Total Proj	\$10,294 ect Cost:		\$7,800 <b>\$18,094</b>			
New			Program (		201.335 S re 40.74 A		er Mitigatio		
07-Los Angeles-60 11.0/20.0 4980 0716000040	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install stormwater quality BMPs.		R/W: Const:	\$102 \$10,168	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,407 \$2,999 \$28 \$2,064	18-19 19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/20/2019 1/14/2021 3/22/2021 10/10/2021
			Subtotal: Total Proj	\$10,270 ect Cost:		\$6,498 <b>\$16,768</b>			
New			Program (		201.335 S re 52.5 A		er Mitigatio		
07-Los Angeles-60 20.0/R26.0 5025 0716000080	In and near Diamond Bar, from Fullerton Road to Diamond Bar Boulevard. Construct and install stormwater treatment BMPs including biofiltration swales/strips and GSRDs.	32500 2020-21	R/W: Const:	\$28 \$5,215	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,035 \$2,094 \$27 \$2,188	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 6/15/2020 7/14/2020 1/14/2021
			Subtotal: Total Proj	\$5,243 ect Cost:		\$5,344 <b>\$10,587</b>			
New			Program (				er Mitigatio		
07-Los Angeles-60 R28.0/R30.4 5011 0716000063	In and near Pomona, from Phillips Ranch Road to Reservoir Street. Construct and install stormwater treatment BMPs including biofiltration swales/strips, detention basin and media filters.	32330 2020-21	R/W: Const:	\$15 \$6,078	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,865 \$90	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/6/2019 12/17/2020 2/18/2021 8/15/2021
	media filters.		Subtotal: Total Proj	\$6,093 ect Cost:		\$6,535 <b>\$12,628</b>			
			Program (	odo.	201 225 8	Storm Wate	er Mitigatio	ın	





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	ı Miles	tonos
07-Los Angeles-101 S0.0/1.5 4977	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	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 Proje	\$2,680 ect Cost:		\$2,480 <b>\$5,160</b>			
New			Program C				er Mitigatio		
1.7/6.8	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 Proje		~	\$2,601 <b>\$7,099</b>			
Carryover			Program C Performan				er Mitigatio ited/polluta		
R7.8/R10.3 4908	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:	8/2/2017 1/15/2019 2/1/2019 8/14/2019
			Subtotal: Total Proje	\$2,795 ect Cost:		\$2,340 <b>\$5,135</b>			
Carryover			Program C Performan				er Mitigatio ated/polluta		
3.8/6.5	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 Proje	\$9,965 ect Cost:		\$4,708 <b>\$14,673</b>			
			Program C				er Mitigatio		
Carryover			Performan	ce Measu	re 29.55 A	cre(s) trea	ited/polluta	nt	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 13.4/23.1 3279 0714000081	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	R/W: \$10 Const: \$11,000	) PA&ED: \$740	Prior Prior	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:			
Carryover			Program Code Performance Meas	201.335 Storm Wa	•	
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 BMPs including biofiltration swales/strips, detention basin, media filters and		R/W: \$55 Const: \$7,945		19-20 19-20	PA&ED: 7/1/2019 R/W Cert: 12/17/2020 RTL: 2/18/2021 Begin Con: 9/1/2021
	a GSRD.		Subtotal: \$8,000 Total Project Cost:			
New			Program Code Performance Meas	201.335 Storm Wa	•	
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 BMPs.	32200 2021-22	R/W: \$300 Const: \$11,750	,	20-21 20-21	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:			
New			Program Code Performance Meas	201.335 Storm Wasure 20 Acre(s) tr		
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	PA&ED: 2/1/2018 R/W Cert: 10/1/2019 RTL: 11/1/2019 Begin Con: 9/1/2020
	<b>▼</b>		Subtotal: \$2,348 Total Project Cost:			
Carryover			Program Code Performance Meas	201.335 Storm Wa		



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Dist-Co-Rte							COS		
Post Mile PPNO		EA			Allocation				
EFIS	<b>Location/Description</b>	Prog Year	Capital		Suppo	ort	FY	Miles	tones
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 to reduce Trash Total Maximum Daily Load (TMDL).	25940 2018-19		\$106 5,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$3,600 \$100 \$3,000	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
			Subtotal: \$15  Total Project C	5,106 C <b>ost:</b>		\$7,400 <b>\$22,506</b>			
Carryover			Program Code Performance M		201.335 S e 33 A		er Mitigatio		
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	R/W: Const: \$3	\$30 3,662	PA&ED: PS&E: R/W Sup: Con Sup:	\$144 \$1,175 \$30 \$1,054	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 C	3,692 Cost:	<b>Q</b>	\$2,403 <b>\$6,095</b>			
Carryover			Program Code Performance M		201.335 See 18.3 A		er Mitigatio		
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 BMPs including biofiltration swales and Austin Vault Sand	32310 2021-22	R/W: Const: \$10	\$37 0,045	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,890 \$2,836 \$189 \$3,098	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
	Filters.		Subtotal: \$10 Total Project C	0,082 C <b>ost:</b>		\$8,013 <b>\$18,095</b>			
New			Program Code Performance M		201.335 S e 39.95 A		_		
07-Los Angeles-210 R41.3/R44.6 5005 0716000057	In Glendora, at various locations from 0.2 mile east of S. Barranca Ayenue Overcrossing to 0.1 mile west of Amelia Ayenue Undercrossing. Construct and install various stormwater treatment BMPs including biofiltration	32260 2020-21	R/W: Const: \$7	\$61 7,149	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,729 \$242	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/30/2020 9/6/2021 10/29/2021 5/16/2022
	swales/strips/trenches, infiltration basins and vault sand filters.		Subtotal: \$7 Total Project C	7,210 C <b>ost:</b>		\$7,276 <b>\$14,486</b>			



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Dist- Co-Rte Post Mile PPNO	T 0 10 10	EA			C		COS Allocation		
EFIS	Location/Description	Prog Year	Capita	al	Suppo	ort	FY	Miles	tones
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 BMPs including GSRDs, biofiltration	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	PA&ED: R/W Cert: RTL: Begin Con:	11/29/2019 7/5/2021 8/30/2021 3/15/2022
	swales/strips and infiltration trenches.		Subtotal: Subtotal: Total Project	\$7,559 Cost:		\$7,461 <b>\$15,020</b>			
New			Program Coo				er Mitigatio		
07-Los Angeles-405 40.1/48.6 4978 0716000031	In the cities of Los Angeles, Van Nuys, and Sar Fernando, from Burbank Boulevard to Route 5/405 Separation. Plant vegetation, install irrigation, concrete paving, rock blankets and	n 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
	mats.		Subtotal: Total Project	\$3,930 Cost:		\$3,352 \$ <b>7,282</b>		<u> </u>	
New			Program Coc Performance				er Mitigatio		
07-Los Angeles-605 R0.0/R9.6 4997 0716000048	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct stormwater treatment BMPs including biofiltration swales/strips, detention basin,	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
	MVPs and install infiltration devices.		Subtotal: \$ Total Project	15,070 Cost:		\$8,286 <b>\$23,356</b>			
New			Program Coo Performance				er Mitigationted/polluta		
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 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
	•		Subtotal: Total Project	\$8,705 Cost:		\$8,166 <b>\$16,871</b>			
New			Program Coo				er Mitigatio		



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Dist- Co-Rte Post Mile		F.4			Δ	COS Allocation	1	
PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo		FY	Miles	tones
07-Los Angeles-605 R16.5/R19.5 5234 0717000143	Near El Monte, at various locations, from 0.1 mile south of Peck Road Overcrossing to 0.1 mile north of Valley Boulevard Undercrossing. Construct and install stormwater treatment BMPs including biofiltration swales/strips,	33930 2021-22	R/W: \$96 Const: \$12,901		\$1,500 \$4,550 \$202 \$3,320	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2020 11/5/2021 12/30/2021 8/15/2022
	linear radial GSRDs, infiltration basins and an Austin Vault Sand Filter.		Subtotal: \$12,997  Total Project Cost:		\$9,572 <b>\$22,569</b>			
			Program Code	201.335 St	torm Wate	r Mitigatio	on	
New			Performance Meas	ure 54.82 A	cre(s) trea	ted/polluta	nt	
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 BMPs including biofiltration swales/strips, GSRDs and a Design Pollution Prevention Infiltration Area.	33940 2021-22	R/W: \$89 Const: \$15,187		\$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
	Totalon Freyenion initiation Area.		Subtotal: \$15,276  Total Project Cost:		\$10,092 <b>\$25,368</b>			
New			Program Code Performance Meas	201.335 St ure 52.15 A		-		
07-Los Angeles-710 23.3/25.6	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	30440 2018-19	R/W: \$30 Const: \$3,425		\$54 \$910 \$63	Prior Prior Prior	PA&ED: R/W Cert: RTL:	6/30/2017 7/9/2018 8/1/2018
4717 0714000061	Overcrossing to Mednick Avenue. Stabilize soil			Con Sup:		18-19	Begin Con:	2/8/2019
			Subtotal: \$3,455 Total Project Cost:	Con Sup:		18-19		2/8/2019
	Overcrossing to Mednick Avenue. Stabilize soil			Con Sup:	\$1,138 \$2,165 \$5,620 torm Water		Begin Con:	2/8/2019
0714000061	Overcrossing to Mednick Avenue. Stabilize soil	33180	Total Project Cost: Program Code	Con Sup:  201.335 St ure 46.4 A	\$1,138 \$2,165 \$5,620 torm Wate cre(s) trea \$600 \$1,250 \$50	r Mitigatio	Begin Con: on nt PA&ED: R/W Cert:	5/12/2020 9/21/2021 11/23/2021 5/6/2022
0714000061  **Carryover**  07-Los Angeles-710 24.4/26.7 5089	Overcrossing to Mednick Avenue. Stabilize soil and erosion control.  In the city of Los Angeles, from 3rd Street to Route 10 interchange. Install irrigation systems	33180	Program Code Performance Meas  R/W: \$16	201.335 St ure 46.4 A 5 PA&ED: 0 PS&E: R/W Sup: Con Sup:	\$1,138 \$2,165 \$5,620 torm Wate cre(s) trea \$600 \$1,250 \$50	er Mitigatio ted/polluta 18-19 20-21 20-21	Begin Con:  on  PA&ED: R/W Cert: RTL:	5/12/2020 9/21/2021 11/23/2021



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	Supp	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 ADA standards.	30650 2018-19	R/W: Const:	\$3,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$753 \$800 \$30 \$650	Prior 18-19 18-19 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	\$3,800 ect Cost:		\$2,233 <b>\$6,033</b>			
Carryover			Program C			Americans Curb ramp(		ilities Act New	Curb Ramps
07-Los Angeles-72 0.0/6.8 5158 0716000299	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway lanes, accessible pedestrian signals and push buttons to meet	33310 2021-22	R/W: Const:	\$1,000 \$5,781	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$4,000 \$4,600 \$2,200	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/28/2020 3/2/2022 3/17/2022 11/7/2022
	current ADA standards.		Subtotal: Total Proje	\$6,781 ect Cost:	(	\$11,700 <b>\$18,481</b>			
New			Program C			Americans Curb ramp(		ilities Act New	Curb Ramps
07-Los Angeles-107 0.0/4.8 4749 0714000198	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet ADA standards.	30700 2018-19	R/W: Const:	\$1,055 \$4,546	PA&ED: PS&E: R/W Sup: Con Sup:		Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/8/2018 2/15/2019 3/19/2019 10/1/2019
			Subtotal: Total Proje	\$5,601 ect Cost:		\$7,245 <b>\$12,846</b>			
Carryover			Program C Performan			Americans Curb ramp(		ilities Act New	Curb Ramps
07-Los Angeles-138 43.4/51.4 5185 0716000316	In Palmdale, from Route 14 Junction (South) to Avenue T. Upgrade curb ramps, traffic signals and sidewalks to meet current standards.	33370 2021-22	R/W: Const:	\$703 \$8,385	PA&ED: PS&E: R/W Sup: Con Sup:	\$695 \$3,795 \$1,401 \$3,225	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/18/2022
	•		Subtotal: Total Proje	\$9,088 ect Cost:		\$9,116 <b>\$18,204</b>			
New			Program C			Americans		ilities Act New	Curb Ramps



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Dist- Co-Rte Post Mile		IE A					COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Suppo		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 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 Projec	\$6,755 et Cost:		\$7,814 <b>\$14,569</b>			
New			Program Co			Americans Curb ramp(		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 ADA standards install accessible pedestrian signals, relocate	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
	pull boxes and traffic signal poles.		Subtotal: Total Project	\$8,578 et Cost:	(	\$17,850 <b>\$26,428</b>			
New			Program Co			americans Curb ramp(		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 curb ramps, sidewalks and driveways to meet ADA standards.	30660 2018-19	R/W: Const:	\$176 \$4,244	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,087 \$500 \$50 \$50	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 2/15/2019 3/8/2019 9/20/2019
			Subtotal: Total Projec	\$4,420 et Cost:		\$2,137 <b>\$6,557</b>			
Carryover			Program Co			Americans Curb ramp(		ilities Act New	Curb Ramps
BRIDGE PRESER	<u>VATION</u>								
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		\$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:	6/30/2017 10/15/2018 6/28/2019 1/15/2020
			Subtotal: Subtotal: Subtotal Project	\$41,628 et Cost:		\$8,305 <b>\$49,933</b>			
Carryover			Program Co			Bridge Majo	or Rehabili	tation	



		(3	1,000)					L	arans*	
Dist-Co-Rte							cos			
Post Mile PPNO		EA			Allocation					
EFIS	<b>Location/Description</b>	Prog Year	Capita	al	Suppo	ort	FY	Miles	tones	
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		9/28/2018 11/27/2019 12/30/2019 7/10/2020	
			Subtotal: Total Project	\$2,568 t Cost:		\$3,550 <b>\$6,118</b>				
Carryover			Program Coo		201.110 B re 1 B	Bridge Maj Bridge(s)	or Rehabili	itation		
07-Los Angeles-91 R11.8 4967 0716000017	In Long Beach, at the eastbound Route 91 to northbound Route 710 Connector Bridge No. 53-2241G 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 Project	\$3,270 c Cost:		\$5,494 <b>\$8,764</b>				
New			Program Coo		201.110 B re 1 B	Bridge Maj Bridge(s)	or Rehabili	itation		
07-Los Angeles-101 20.0 4915 0715000277	Near Encino, at Encino Pedestrian Overcrossing. Replace pedestrian overcrossing.	31790 2018-19		\$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 Project	\$7,752 t Cost:		\$6,099 <b>\$13,851</b>				
Carryover			Program Coo		201.110 B re 1 B	Bridge Maj Bridge(s)	or Rehabili	itation		
07-Los Angeles-103 0.1 5004	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		\$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	PA&ED: R/W Cert: RTL: Begin Con:		
0716000056						Φ0.755		•		
0716000056			Subtotal: \$ Total Project	14,208 t Cost:		\$8,755 <b>\$22,963</b>				



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	ı Miles	tones
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		596 PA&ED:	\$1,061 \$3,665 \$444	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/4/2019 11/6/2020 1/6/2021
			Subtotal: \$19 Total Project C	•	\$9,414 <b>\$28,707</b>			
New			Program Code Performance M		Bridge Maj Bridge(s)	or 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: Const: \$11	\$10 PA&ED: ,742 PS&E: R/W Sup: Con Sup:	\$1,930 \$20	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/20/2017 9/3/2018 11/1/2018 8/1/2019
			Subtotal: \$11 Total Project C	ost:	\$6,426 <b>\$18,178</b> Bridge Sco	ur Mitigatio	on	
New			Performance M	leasure 1	Bridge(s)			
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	2021-22	R/W: S Const: \$15	254 PA&ED: ,831 PS&E: R/W Sup: Con Sup:	\$6,840 \$300	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/15/2019 2/16/2022 3/20/2022 11/4/2022
	connector Bridge No. 55-0413F; 12-Ora-405- 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 Total Project C		\$15,120 <b>\$31,205</b>		•	
	(RSP).		Program Code	201 111	Bridge Sco	ur Mitigatio	an .	
Carryover			Performance M		Bridge(s)	ar iviitigativ		
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: Const: \$3	\$30 PA&ED: ,520 PS&E: R/W Sup: Con Sup:	\$1,673 \$30	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/21/2019 7/15/2020 8/26/2020 4/1/2021
			Subtotal: \$3 Total Project C	,550 ost:	\$3,800 <b>\$7,350</b>		1	
New			Program Code Performance M		•	•	ent and Upgrad	le



Dist- Co-Rte Post Mile PPNO EFIS							COC		
	I andian/Description	EA	Com		S		COS Allocation		
	Location/Description	Prog Year	Cap	ıtaı	Suppo	ort	FY	Ivilles	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 Proje	\$7,950 ect Cost:		\$6,860 <b>\$14,810</b>			
			Program C	'ode	201 112 B	Bridge Rail	Renlacem	ent and Upgrad	ie.
New			Performan			Č	тершест	ent und Opgrad	
07-Los Angeles-5 R87.4 5032 0716000091	Near Kern County line, at the Tejon Pass Overcrossing No. 53-1779. Seismic retrofit of bridge, widen bridge abutments, add steel casing to bent columns, retrofit bent foundation and install micro piles.	32590 2021-22	R/W: Const:	\$50 \$1,800	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,500 \$400 \$1,500	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
	instant interespices.		Subtotal: Total Proje	\$1,850 ect Cost:		\$4,100 \$5,950			
New			Program C			Bridge Seis Bridge(s)	mic 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 and 110, at Harbor Scenic Drive Overhead	30160 2019-20	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
	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 Proje	\$10,762 ect Cost:		\$9,410 <b>\$20,172</b>			
Carryover			Program C			Bridge Seis Bridge(s)	mic Restor	ration	
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 bridge rail upgrade.	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
	ortage turi upgruue.		Subtotal: Total Proje	\$5,380 ect Cost:		\$4,463 <b>\$9,843</b>			
Carryover			Program C			Bridge Seis Bridge(s)	mic Restor	ation	



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Post Mile PPNO		EA			Alloca					
EFIS	Location/Description	Prog Year	Capi	ital	Suppo		FY		tones	
07-Los Angeles-138 70.3 5035 0716000113	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 Ridgeway Street Undercrossing Bridge No. 53-2052 (PM R0.92). Seismic retrofit, barrier	2021-22	R/W: Const:	\$101 \$19,329 \$19,430	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,372 \$4,549 \$488	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 8/7/2021 10/3/2021 6/10/2022	
	replacement, paint San Gabriel River Bridge		Total Proje		201.113 E	\$31,525 Bridge Seis	mic Restor	ation		
New			Performan	ce Measu	re 3 E	Bridge(s)				
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.	30930 2019-20	R/W: Const:	\$130 \$6,395	PA&ED: PS&E: R/W Sup: Con Sup:	\$225 \$1,137 \$20 \$1,600	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 Proje	C	(	\$2,982 <b>\$9,507</b>				
Cammionan			Program C			_	mic Restor	ation		
Carryover  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 Proje	\$4,128 ect Cost:		\$2,571 <b>\$6,699</b>				
			Program C	ode	201.119 B	Bridge Prev	entative M	aintenance		
Carryover			Performan	ce Measu	re 1 B	Bridge(s)				
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:	\$500 \$1,200 \$200 \$1,800	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 Proje	\$7,249 ect Cost:		\$3,700 <b>\$10,949</b>				
Carryover			Program C			Bridge Prev Bridge(s)	entative M	aintenance		



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Dist- Co-Rte Post Mile PPNO EFIS	Lagation/Description	EA	Coni	tal.	C		COS Allocation FY	ı Miles	tomas
07-Los Angeles-10 28.2/31.0	Location/Description  In the city of El Monte, from Baldwin Avenue Overcrossing to Route 605 at Rio Hondo Bridge	32830 2021-22	R/W: Const:	\$1,262 \$8,140	PA&ED: PS&E:	\$813 \$3,927	18-19 19-20	PA&ED: R/W Cert:	10/1/2019 1/3/2022
5067 0716000175	No. 53-657, East El Monte Overhead No. 53 -0867 and San Gabriel River Bridge No. 53 -109L/R. Replace overhang joints with				R/W Sup: Con Sup:	\$915	19-20 21-22	RTL: Begin Con:	2/1/2022 9/25/2022
	reinforced concrete closure pours.		Subtotal: Total Project	\$9,402 ct Cost:		\$9,181 <b>\$18,583</b>			
New			Program Co			Bridge Prev Bridge(s)	rentative M	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	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 Project	\$1,642 ct Cost:		\$1,238 <b>\$2,880</b>			
Carryover			Program Co			Bridge Prev Bridge(s)	entative M	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 Projec	\$1,367 ct Cost:		\$2,198 <b>\$3,565</b>			
New			Program Co			Bridge Prev Bridge(s)	rentative M	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
	<b>*</b>		Subtotal: Total Project	\$1,969 ct Cost:		\$1,380 <b>\$3,349</b>			



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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	In Los Angeles County, at various locations. Establish standard vertical clearance.	34210 2019-20	* R/W: \$152,980 * Const: \$221,390	,	60 19-20	PA&ED: 4/18/2019 R/W Cert: 2/28/2020 RTL: 3/30/2020
0717000244	ACCELERATED BRIDGE (PA&ED Only)			* Con Sup: \$61,7		Begin Con: 10/30/2020
			Subtotal: \$374,370 <b>Total Project Cost:</b>	\$130,1 <b>\$504,5</b>	40	
			* Const, * R/W, * PS	&E, * R/W Sup, * (	Con Sup phase	(s) are NOT authorized
			Program Code		•	ments for Bridges
Carryover			Performance Measi	ire 12 Bridge(	s)	
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	PS&E: \$1,4	93 20-21 \$5 20-21	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:	\$3,1° \$5,4°		•
New			Program Code Performance Measure		_	ments 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	* R/W: \$1,000 * Const: \$37,600	PA&ED: \$3,3	20 Prior 84 20-21 00 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.	at	Subtotal: \$38,600 Total Project Cost: *Const, *R/W, *PS	\$16,2 <b>\$54,8</b> ************************************	70	(s) are NOT authorized
	ACCELERATED BRIDGE (PA&ED Only)		_			
C			Program Code			ments for Bridges
Carryover			Performance Measi	re 4 Bridge(	s)	
ROADWAY PRES	SERVATION					
07-Los Angeles-10 31.2/37.2 4712	In Baldwin Park and West Covina, from Route 605 to Citrus Avenue. Rehabilitate roadway.	30390 2019-20	R/W: \$147 * Const: \$60,496	PS&E: \$4,6		PA&ED: 2/14/2018 R/W Cert: 8/30/2019 RTL: 11/19/2019
0714000044	(G13 Contingency)			* Con Sup: \$8,4		Begin Con: 5/7/2020
			Subtotal: \$60,643 <b>Total Project Cost:</b> * Construction Capit	\$14,1 <b>\$74,7</b> tal and * Constructi	70	ase are NOT authorized
			Program Code	201.120 Roadwa	•	on (3R)
Carryover			Performance Measu	re 50.4 Lane m		



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Sunnaut	COS Allocation FY	n Milestones
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 ADA curb ramps, upgrade metal beam guardrail, cold plane pavement, and place Hot	32160 2021-22	R/W: \$1,5 Const: \$38,2	,	0 Prior 6 18-19 0 18-19	PA&ED: 12/15/2018 R/W Cert: 2/26/2022 RTL: 3/30/2022 Begin Con: 11/6/2022
	Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA) to rehabilitate pavement.		Subtotal: \$39,7 Total Project Co	· · · · · · · · · · · · · · · · · · ·		
Carryover			Program Code Performance Me	201.121 Pavemer asure 99.4 Lane mil		on (CAPM)
07-Los Angeles-1 19.0/33.3 5034 0716000090	In and near Redondo Beach, from Topaz Street to Dewey Street. Upgrade ADA curb ramps an metal beam guardrail, repair concrete pavemen replace asphalt concrete pavement with portlan cement concrete at intersections, cold plane	d 2021-22 t,	R/W: \$1,9 Const: \$45,9	· · · · · · · · · · · · · · · · · · ·	0 18-19 0 18-19	PA&ED: 12/15/2018 R/W Cert: 2/26/2022 RTL: 3/30/2022 Begin Con: 12/1/2022
	pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA) to rehabilitate pavement.		Subtotal: \$47,8  Total Project Co			
Carryover			Program Code Performance Me	201.121 Pavemer		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 Street. Cold plane and overlay pavement,	33360 2021-22	R/W: \$ Const: \$19,8	PA&ED: \$1,90 PS&E: \$5,00 R/W Sup: \$16 Con Sup: \$5,00	0 20-21 0 20-21	PA&ED: 7/1/2020 R/W Cert: 1/5/2022 RTL: 3/1/2022 Begin Con: 12/1/2022
	upgrade curb ramps, reconstruct curb and gutte construct bus pads and replace traffic signals at several locations.		Subtotal: \$19,8 Total Project Co	*		
New			Program Code Performance Me	201.121 Pavemer		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 mil south of Vista Del Lago Road Overcrossing. Cold plane pavement and place Rubberized Ho Mix Asphalt concrete (RHMA), repair drainage	t 2020-21	R/W: \$2 Const: \$43,0	250 PA&ED: \$10 180 PS&E: \$6,00 R/W Sup: \$25 Con Sup: \$7,20	0 19-20 0 19-20	PA&ED: 10/30/2019 R/W Cert: 7/9/2021 RTL: 7/30/2021 Begin Con: 10/26/2023
	systems, and perform upgrades to overhead signs, drainage curbs and guardrail.	•	Subtotal: \$43,3 Total Project Co			
Carryover			Program Code Performance Me	201.121 Pavemer		on (CAPM)



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Supp		COS Allocation FY	ı Miles	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 ADA standards, install guardrail and	32440 2020-21	R/W: Const:	\$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: RTL: Begin Con:	9/15/2019 11/5/2020 12/15/2020 9/5/2021
	construct bus pads.		Subtotal: Total Project	\$4,502 et Cost:		\$5,172 <b>\$9,674</b>			
New			Program Co			Pavement F Lane mile(s		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 upgrade curb ramps to meet ADA standards.	32290 2021-22	R/W: Const:	\$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
			Subtotal: Total Project	\$31,049 ct Cost:	(	\$12,114 <b>\$43,163</b>			
New			Program Co					on (CAPM)	
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: Const:	\$70 \$75,920	PA&ED: PS&E: R/W Sup: Con Sup:	\$9,900 \$10 \$13,000	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/26/2017 4/10/2019 6/10/2019 2/15/2020
			Subtotal: Total Projec	\$75,990 ct Cost:		\$22,910 <b>\$98,900</b>			
Carryover			Program Co			Pavement R Lane mile(s		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 ADA curb ramps.	30750 2019-20	R/W: Const:	\$2,389 \$9,995	PA&ED: PS&E: R/W Sup: Con Sup:	\$370 \$2,224 \$124 \$1,607	Prior Prior Prior 19-20	R/W Cert:	3/26/2018 12/19/2019 3/19/2020 8/20/2020
	·		Subtotal: Total Project			\$4,325 <b>\$16,709</b>			
Carryover			Program Co			Pavement F Lane mile(s		on (CAPM)	



		`	1,000)			<i>was</i>	
Dist-Co-Rte		COS					
Post Mile PPNO		EA		Allocation			
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones	
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: \$10,900	PA&ED: \$137 PS&E: \$1,289 R/W Sup: \$100 Con Sup: \$1,744	Prior Prior	PA&ED: 10/11/2016 R/W Cert: 2/15/2019 RTL: 3/19/2019 Begin Con: 10/1/2019	
			Subtotal: \$10,900 Total Project Cost:	\$3,270 <b>\$14,170</b>			
Carryover			Program Code Performance Measu	201.121 Pavement are 36.2 Lane mile		on (CAPM)	
07-Los Angeles-134 0.0/R13.3 4817 0715000013	In the cities of Los Angeles, Burbank, Glendale and Pasadena, from Route 170 to Route 210. Rehabilitate pavement, upgrade guardrail and ADA curb ramps to current standards.	31170 2018-19	R/W: \$376 Const: \$34,034	PA&ED: \$973 PS&E: \$3,800 R/W Sup: \$254 Con Sup: \$5,735	Prior Prior	PA&ED: 12/15/2017 R/W Cert: 10/3/2018 RTL: 12/28/2018 Begin Con: 5/23/2019	
			Subtotal: \$34,410 Total Project Cost:	\$10,762 <b>\$45,172</b>			
Carryover			Program Code Performance Measu	201.121 Pavement		on (CAPM)	
			r er for mance Areasu	112 Lane mile	(3)		
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: \$128 Const: \$21,879		Prior Prior Prior	R/W Cert: 10/12/2018 RTL: 12/14/2018	
0.0/36.9 4804			R/W: \$128	PA&ED: \$510 PS&E: \$1,810 R/W Sup: \$22	Prior Prior Prior 18-19	PA&ED: 2/10/2017 R/W Cert: 10/12/2018 RTL: 12/14/2018 Begin Con: 12/10/2020	
0.0/36.9 4804			R/W: \$128 Const: \$21,879 Subtotal: \$22,007	PA&ED: \$510 PS&E: \$1,810 R/W Sup: \$22 Con Sup: \$2,115 \$4,457 \$26,464	Prior Prior Prior 18-19	R/W Cert: 10/12/2018 RTL: 12/14/2018 Begin Con: 12/10/2020	
0.0/36.9 4804 0715000001	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		R/W: \$128 Const: \$21,879  Subtotal: \$22,007 Total Project Cost:  Program Code	PA&ED: \$510 PS&E: \$1,810 R/W Sup: \$22 Con Sup: \$2,115 \$4,457 \$26,464	Prior Prior Prior 18-19  Rehabilitati (s)  Prior 19-20 19-20	R/W Cert: 10/12/2018 RTL: 12/14/2018 Begin Con: 12/10/2020	
0.0/36.9 4804 0715000001 <i>Carryover</i> 07-Los Angeles-605 20.2/26.0 5029	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 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	32550 2021-22	R/W: \$128 Const: \$21,879  Subtotal: \$22,007 Total Project Cost:  Program Code Performance Measur  R/W: \$2,721	PA&ED: \$510 PS&E: \$1,810 R/W Sup: \$22 Con Sup: \$2,115 \$4,457 \$26,464  201.121 Pavement are 77 Lane mile  PA&ED: \$1,375 PS&E: \$6,856 R/W Sup: \$138	Prior Prior Prior 18-19 Rehabilitati (s) Prior 19-20 19-20 21-22	R/W Cert: 10/12/2018 RTL: 12/14/2018 Begin Con: 12/10/2020  on (CAPM)  PA&ED: 12/1/2018 R/W Cert: 8/9/2021 RTL: 11/8/2021	
0.0/36.9 4804 0715000001 <i>Carryover</i> 07-Los Angeles-605 20.2/26.0 5029	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 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	32550 2021-22	R/W: \$128 Const: \$21,879  Subtotal: \$22,007 Total Project Cost:  Program Code Performance Measu  R/W: \$2,721 Const: \$16,410  Subtotal: \$19,131	PA&ED: \$510 PS&E: \$1,810 R/W Sup: \$22 Con Sup: \$2,115 \$4,457 \$26,464  201.121 Pavement are 77 Lane mile  PA&ED: \$1,375 PS&E: \$6,856 R/W Sup: \$138 Con Sup: \$6,242 \$14,611 \$33,742	Prior Prior Prior 18-19  Rehabilitati (s)  Prior 19-20 21-22  Rehabilitati	R/W Cert: 10/12/2018 RTL: 12/14/2018 Begin Con: 12/10/2020  on (CAPM)  PA&ED: 12/1/2018 R/W Cert: 8/9/2021 RTL: 11/8/2021 Begin Con: 9/6/2022	



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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 39.2/R43.8 4805 0714000300	In San Fernando, from Route 118 to Route 210. Rehabilitate roadway. (G13 Contingency)	30970 2019-20	R/W: \$120 * Const: \$41,600		0 Prior 0 Prior	PA&ED: 8/1/2018 R/W Cert: 9/27/2019 RTL: 11/27/2019 Begin Con: 6/10/2020
			Subtotal: \$41,720 <b>Total Project Cost:</b> * Construction Capit	\$14,29 <b>\$56,01</b> al and * Construction	4	ase are NOT authorized
Carryover			Program Code Performance Measu	201.122 Roadway		on (2R)
07-Los Angeles-14 R60.7/R77.0 4887 0715000194	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: \$3,00 PS&E: \$21,20 R/W Sup: \$28 Con Sup: \$25,80	0 18-19 0 18-19	PA&ED: 4/11/2019 R/W Cert: 9/2/2020 RTL: 11/6/2020 Begin Con: 2/24/2021
			Subtotal: \$142,870 Total Project Cost:  Program Code	\$50,28 \$193,15	<b>0</b> y Rehabilitatio	on (2R)
New			Performance Measi	re 82.4 Lane mil	e(s)	
07-Los Angeles-210 R0.0/R9.7 4801 0714000299	In the cities of Los Angeles, Pacoima, San Fernando, and Sylmar from Route 5 to North Wheatland Avenue. Rehabilitate roadway.	30960 2018-19	R/W: \$490 Const: \$120,000	PA&ED: \$50 PS&E: \$6,00 R/W Sup: \$50 Con Sup: \$16,50	0 Prior 0 Prior	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:	\$23,50 <b>\$143,99</b>		
Carryover			Program Code Performance Measu	201.122 Roadway		on (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	32030 2021-22	R/W: \$25 * Const: \$99,810	,	0 18-19 0 18-19	PA&ED: 2/15/2019 R/W Cert: 10/15/2021 RTL: 2/15/2022 Begin Con: 11/15/2022
	Rubbelized Hot with Aspiratt (KHWA-G) off		Subtotal: \$99,835	\$36,02	0	
	right shoulders and apply High Friction Surface Treatment (HFST) onramps and connectors.		Total Project Cost:  * Construction Capit	\$135,85		ase are NOT authorized
			•	, , , , , , , , , , , , , , , , , , ,		ase are NOT authorized
Carryover	Treatment (HFST) onramps and connectors.		•	tal and * Construction 201.122 Roadway	on Support ph y Rehabilitatio	



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Dist-Co-Rte					COS		
Post Mile PPNO		EA			Allocation	1	
EFIS	<b>Location/Description</b>	Prog Year	Capital	Support	FY	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.	33960 2021-22	R/W: \$36 Const: \$24,600	PS&E: \$2,7	20 19-20 49 19-20	PA&ED: 3/1/2020 R/W Cert: 11/1/2021 RTL: 1/1/2022 Begin Con: 11/1/2022	
			Subtotal: \$24,636 <b>Total Project Cost:</b>	\$7,6 <b>\$32,2</b>			
New			Program Code Performance Measu	201.150 Roadwa		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 0.0/0.9). Rehabilitate culverts.	31350 2020-21	R/W: \$8,200 Const: \$7,900	· · · · · · · · · · · · · · · · · · ·	50 20-21 50 20-21	PA&ED: 7/2/2018 R/W Cert: 2/4/2019 RTL: 3/6/2019 Begin Con: 8/22/2019	
	0.0/0.5/). Reliabilitate curverts.		Subtotal: \$16,100 Total Project Cost:	\$9,8 \$25,9			
Carryover			Program Code Performance Measu	201.151 Drainag	-	oration	
07-Los Angeles-5	In the cities of Los Angeles, Hollywood, Long	31750 2018-19	R/W: \$10 Const: \$4,803	PA&ED: \$3 PS&E: \$1,0	38 Prior	PA&ED: 12/1/2017 R/W Cert: 12/31/2018	
11.0/13.9 4910 0715000246	Beach and Signal Hill from Simons Underpass to Eastern Avenue; on Routes 101, 405 and 710 at various locations. Replace 9 pump plants.				30 Prior 00 18-19	RTL: 1/30/2019 Begin Con: 8/14/2019	
4910	to Eastern Avenue; on Routes 101, 405 and 710		Subtotal: \$4,813 Total Project Cost:	R/W Sup: \$	00 18-19		
4910	to Eastern Avenue; on Routes 101, 405 and 710		Subtotal: \$4,813	R/W Sup: \$1,5 Con Sup: \$1,5 \$2,9 \$7,7 201.151 Drainag	00 18-19 28 41 ge System Resto	Begin Con: 8/14/2019	
4910 0715000246	In various cities, on Route 5 (PM 19.75/35.99), Route 10 (PM 22.32/23.88), Route 91 (PM R11.80), Route 605 (PM R14.07) and Route 710 (PM 18.7/21.01). Replace pumps with	32490 2020-21	Subtotal: \$4,813 Total Project Cost:  Program Code Performance Measure	R/W Sup: \$ Con Sup: \$1,5  \$2,9 \$7,7  201.151 Drainagure 9 Culvert  PA&ED: \$2 PS&E: \$1,0	00 18-19 28 41  ge System Restr (s) (ea) 54 18-19 75 19-20 73 20-21	Begin Con: 8/14/2019	
4910 0715000246 <i>Carryover</i> 07-Los Angeles-5 19.8/36.0 5024	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	Subtotal: \$4,813 Total Project Cost:  Program Code Performance Measu  R/W: \$14	R/W Sup: \$ Con Sup: \$1,5  \$2,9 \$7,7  201.151 Drainagure 9 Culvert  PA&ED: \$2 PS&E: \$1,0 R/W Sup: \$	00 18-19  28  41  ge System Restr (s) (ea)  54 18-19 75 19-20 73 20-21 10 20-21	PA&ED: 12/1/2019 R/W Cert: 1/1/2021 RTL: 2/28/2021	



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation FY	ı Miles	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 Proje	\$1,664 ect Cost:		\$5,842 <b>\$7,506</b>			
Carryover			Program (			Orainage Sy Culvert(s) (	ystem Resto	oration	
07-Los Angeles-5 R70.4 4847 0715000092	Near Pyramid Lake, 4.4 miles north of Templir 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 Proje	\$1,404 ect Cost:		\$1,520 <b>\$2,924</b>			
Carryover			Program (		201.151 E	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 17 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 Proje	\$2,729 ect Cost:		\$3,722 <b>\$6,451</b>			
Carryover			Program (			Orainage Sy Culvert(s) (	ystem Resto	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:	\$1,198 \$2,586 \$420 \$3,954	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 Proje			\$8,158 <b>\$32,397</b>			
New			Program C			Orainage Sy Culvert(s) (	ystem Resto	oration	



		(3	1,000)					L	arans"
Dist-Co-Rte Post Mile							cos		
PPNO		EA					Allocation		
EFIS	Location/Description	Prog Year	Capi	tal	Suppo	ort	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 ct Cost:		\$2,655 <b>\$5,525</b>			
Carryover			Program Co		201.151 D re 1 C	rainage Sy ulvert(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 ct Cost:		\$2,625 <b>\$4,445</b>			
Carryover			Program Co		201.151 D re 3 C	rainage Sy ulvert(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:	8/17/2018 2/28/2020 3/30/2020 10/31/2019
			Subtotal: Total Proje	\$1,922 ct Cost:		\$1,890 <b>\$3,812</b>			
Carryover			Program Co		201.151 D re 3 C	rainage Sy ulvert(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
	<b>—</b>		Subtotal:	\$1,257		\$507		•	
			Total Proje	ct Cost:		\$1,764			



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	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.		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:	6/30/2017 10/9/2018 11/30/2018 6/14/2019
			Subtotal: Total Proje	\$5,195 ect Cost:		\$2,695 <b>\$7,890</b>			
Carryover			Program C			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 with ASTM Type XI retroreflective sheeting 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 Proje	\$7,873 ect Cost:	C	\$5,248 <b>\$13,121</b>			
New			Program C Performan			-	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
			Subtotal: Total Proje	\$2,680 ect Cost:		\$2,640 <b>\$5,320</b>			
Carryover			Program C			igns and I	0 0	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 Proje	\$5,370 ect Cost:		\$4,354 <b>\$9,724</b>		•	
New			Program C			-	ighting Re	habilitation	



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	Miles	tones
	2000000 2 0001 public	- 10g - 0m	Cuprui	эчрр			1/22200	.01105
MOBILITY  07-Los Angeles-110  31.0/31.0  5196  0716000355	In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp. Widen ramp from two lanes to four lanes. City of South Pasadena will AAA the project.	33520 2021-22	R/W: Const:	PA&ED: \$0 PS&E: R/W Sup: Con Sup:	\$1,400 \$2,372	18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 6/30/2021 8/1/2021 4/20/2022
			Subtotal: Total Project Co	\$0 st:	\$3,772 <b>\$3,772</b>			
New			Program Code Performance Me			l Improvem	ents of delay (DVHI	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: \$3,1	29 PA&ED: 20 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: \$3,1  Total Project Co  Program Code	st:	\$4,187 \$7,336	ıl Improvem	ents	
New			Performance Me		•	•	of delay (DVHI	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: \$3 Const: \$17,2	PA&ED: PS&E: R/W Sup: Con Sup:	\$539 \$3,159 \$43 \$3,284	Prior 18-19 18-19 20-21	PA&ED: R/W Cert:	12/15/2018 8/22/2020 10/15/2020
	Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) and communication hubs at Route 10, Route 101 and Route 105.		Subtotal: \$17,5  Total Project Co		\$7,025 <b>\$24,616</b>			
Carryover	route 10, route 101 and route 103.		Program Code Performance Me		Transporta Field elem	_	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).	32710 2020-21	R/W: \$1 Const: \$6,6	53 PA&ED: 574 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
	Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) on Route 2, Route 5, Route 10, and Route 605.		Subtotal: \$6,8 Total Project Co		\$2,553 <b>\$9,380</b>			
					-			
Carryover			Program Code Performance Me		Transporta Field elem	•	ement Systems	



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Dist-Co-Rte Post Mile PPNO	T 0 05 10	EA	C		C		COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ıtal	Suppo	ort	FY	Miles	tones
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:	\$590 \$10,851	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: Total Proje	\$11,441 ect Cost:		\$5,528 <b>\$16,969</b>			
Carryover			Program C			ransportat	Č	ement Systems	3
07-Los Angeles-101 0.0/R17.1 5221 0717000054	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) elements including Closed Circuit Television	33780 2021-22	R/W: Const:	\$13 \$9,718	PA&ED: PS&E: R/W Sup: Con Sup:	\$438 \$3,008 \$162 \$1,863	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2018 9/3/2021 1/3/2022 8/1/2022
	(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 Proje	\$9,731 ect Cost:	C	\$5,471 <b>\$15,202</b>			
			Program C	ode	201 315 T	`ransportat	ion Manag	ement Systems	1
Carryover			Performan			ield eleme		ement bystein.	,
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 TMC Building (PM 18.7). Route 5 at Route 10 Interchange (PM 16.9) and Route 405 at Route 105 Interchange (PM 21.3).		R/W:	\$702 \$29,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$20 \$3,720 \$105	Prior Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	
	Upgrade and completion of TMS.		Subtotal: Total Proje	\$29,702 ect Cost:		\$8,845 <b>\$38,547</b>			
Carryover			Program C			ransportat	U	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		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 Proje	\$1,383 ect Cost:		\$540 <b>\$1,923</b>		1	
Carryover			Program C			ransportat		ement Systems	3



		(4)	1,000)					u	uturs"
Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	ı	
EFIS	Location/Description	Prog Year	Capi	tal	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 Project			\$5,401 <b>\$12,973</b>			
Carryover			Program Co Performanc			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 TMC (PM R18.7) and Route 5 (PM 6.8). Upgrade Transportation Management System.	31190 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
			Subtotal:  Total Project	\$10,562 et Cost:		\$4,811 <b>\$15,373</b>			
Carryover			Program Co			ransportat	-	ement Systems	
07-Los Angeles-5 R54.4/R54.8 5071 0716000183	In Santa Clarita, from 0.4 mile north of Rye Canyon Road to 1.4 miles south of Route 5/126 interchange. Replace office structure and inspection enclosure and upgrade floor slab lighting with LED lighting.	32880 2020-21	R/W: Const:	\$10 \$850	PA&ED: PS&E: R/W Sup: Con Sup:	\$550 \$2,000 \$20 \$1,200	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/15/2019 2/20/2020 8/20/2020 5/15/2021
	ngming with EED righting.		Subtotal: Total Projec	\$860 et Cost:		\$3,770 <b>\$4,630</b>			
New			Program Co		201.321 W	Veigh Stati			
New  07-Los Angeles-405 42.9 4724 0714000097	In Van Nuys, near Saticoy Street. Replace and install Weight In Motion system.	30510 2018-19				•		PA&ED: R/W Cert: RTL: Begin Con:	12/1/2017 12/7/2018 1/4/2019 8/12/2019
07-Los Angeles-405 42.9 4724			Performanc	\$2,195 \$2,195	PA&ED: PS&E: R/W Sup:	\$528 \$983 \$12	Prior Prior Prior	R/W Cert: RTL:	12/7/2018 1/4/2019



		(Ψ	1,000)						wows
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY	Miles	tones
	<u> </u>	Trog Tear	Сарі	itai	эцррс	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		IVIIICS	tones
ROADSIDE PRES 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: Subtotal:	\$10 \$3,528 \$3,538	PA&ED: PS&E: R/W Sup: Con Sup:	\$375 \$1,077 \$20 \$1,383 \$2,855 <b>\$6,393</b>	18-19 19-20 19-20 20-21		9/16/2019 10/14/2020 12/18/2020 8/20/2021
New			Program C	ode		ŕ	lanting Rest	oration	
<b>FACILITIES</b>									
07-Los Angeles-101 5287 0717000277	In the city of Los Angeles, at the California Department of Transportation 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
New			Subtotal: Total Proje  Program C  Performance	ode	201.353 O	\$910 \$3,210 office Faciliocation(s)			
				ce Measu		ocation(s)			
07-Los Angeles-101 5379 0718000042	In the city of Los Angeles, at the California Department of Transportation 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
	ileater (boilers) units.	) `	Subtotal: Total Proje	\$770		\$150 <b>\$920</b>			
			Program C	ode	201.353 O	office Faci	lities		
New			Performan			ocation(s)			
MULTIPLE OBJE	CTIVE								
07-Los Angeles-5 0.8 5159 0716000301	In Kern County, at the Tejon Safety Roadside Rest Area (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 <b>\$4,000</b>			
			Program C	ode	201.999 M	1ULTIPLI	E OBJECTI	VE	



Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	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		R/W: Const:	\$147 \$16,927	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$2,800 \$25 \$4,100	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
	deceleration length on the Indiana Street/Calzona Street southbound offramp, upgrade guardrail and TMS, construct highway worker safety features.		Subtotal: Total Proj	\$17,074 ect Cost:		\$7,575 <b>\$24,649</b>			
New			Program (			MULTIPL	E OBJECTI	IVE	

Los Angeles Co	unty
R	/W: \$239,017 PA&ED: \$12 <mark>8,33</mark> 8
Со	nst: \$1,930,306 PS&E: \$409,107
	R/W Sup: \$44,429
	Con Sup: \$475,897
Subto	otal: \$2,169,323 \$1,057,771
Total	l (Capital + Support): \$3,227,094

# 2018 SHOPP Project List Madera



			-,,			20000
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
BRIDGE PRESEI	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: \$137 Const: \$24,500	. ,	20-21 20-21	PA&ED: 7/1/2020 R/W Cert: 7/7/2021 RTL: 7/26/2021 Begin Con: 3/2/2022
			Subtotal: \$24,637  Total Project Cost:	· · · · · · · · · · · · · · · · · · ·		
Carryover			Program Code Performance Meas	201.110 Bridge M ure 3 Bridge(s)		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: \$30 Const: \$2,700		18-19 18-19	PA&ED: 3/15/2019 R/W Cert: 4/2/2020 RTL: 5/1/2020 Begin Con: 10/28/2020
	orage.		Subtotal: \$2,730 Total Project Cost:			
Carryover			Program Code Performance Meas	201.110 Bridge M ure 1 Bridge(s)	-	tation
<u>ROADWAY PRE</u>	<u>SERVATION</u>					_
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: \$3,160 Const: \$10,184		19-20 5 19-20	PA&ED: 9/1/2019 R/W Cert: 2/1/2020 RTL: 3/1/2020 Begin Con: 10/1/2020
			Subtotal: \$13,344 Total Project Cost:	· · ·		
Carryover			Program Code Performance Meas	201.120 Roadway		n (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. Pavement rehabilitation.	47090 2018-19	R/W: Const: \$13,000	PA&ED: PS&E: \$1,500 R/W Sup: Con Sup: \$2,000		PA&ED: 8/14/2015 R/W Cert: 3/1/2018 RTL: 6/1/2018 Begin Con: 11/15/2018
			Subtotal: \$13,000 Total Project Cost:	· · ·		
New			Program Code Performance Meas	201.120 Roadway ure 22.4 Lane mile		n (3R)

### 2018 SHOPP Project List Madera

(\$1,000)



		(D	1,000)					u	altrans
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capit	al	Suppo		COS Allocation FY	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 t	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 12/1/2018 1/23/2019 7/15/2019
			Subtotal: \$ Total Project	11,237 t Cost:		\$2,516 <b>\$13,753</b>			
Carryover			Program Coo			avement R ane mile(s	tehabilitatio	n (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 \$2,507	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 Project  Program Coo		X	\$4,921 <b>\$21,951</b>	ehabilitatio	n (2P.)	
Carryover			Performance			ane mile(s		ii (2K)	
DADSIDE PRES	<u>SERVATION</u>								
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 Project	\$1,800 t Cost:		\$200 <b>\$2,000</b>			
Carryover			Program Coo			toadside E	nhancemen	Ī	
		Madera	County						
			R/W:	\$3,384 80,394	PA&ED: PS&E: R/W Sup: Con Sup:	\$11,823 \$1,451			

Total (Capital + Support):

\$119,437

### 2018 SHOPP Project List Marin



		(Φ	1,000)					u	utars°
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Miles	tonos
	•	Trog rear	Сар	ıtaı	Биррс	)I t	I I	Willes	tones
MAJOR DAMAG 04-Marin-101 0.2 1492J 0415000344	E 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 2/1/2020 7/8/2020
			Subtotal: Total Proje	\$922 ect Cost:		\$2,637 <b>\$3,559</b>			
Carryover			Program C			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.		Subtotal: Total Proje	\$3,242 ect Cost:		\$1,750 \$4,992			
				10				ovements/ Free	way
New			Program C Performan		201.235 M	faintenanc ocation(s)			
			1 Ci Ioi inan	ec incasu	10 41 12	ocation(s)			
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 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 <b>\$4,484</b>			
New			Program C Performan			mericans urb ramp(		ilities Act New	Curb Ramp
04-Marin-131 R0.9 1491A 0415000350	In and near Tiburon, at Blackfield Drive/Greenwood Cove Drive. Intersection improvements to make compliant with the ADA including removal of traffic islands, upgrading curb ramps and sidewalk, installing new traffic	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
	signals, and installing Accessible Pedestrian Signal (APS) pushbuttons and countdown timers.		Subtotal: Total Proje	\$1,543 ect Cost:		\$1,479 <b>\$3,022</b>			
New			Program C			mericans urb ramp(		ilities Act New	Curb Ramp

### 2018 SHOPP Project List Marin



		(\$	1,000)						altrans
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Capit	tal	Suppo	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	PA&ED: R/W Cert: RTL: Begin Con:	6/16/2017 10/31/2018 11/16/2018 5/1/2019
			Subtotal: Total Projec	\$2,818 et Cost:		\$2,660 <b>\$5,478</b>			
Carryover			Program Co		201.378 II		re	ilities Act Pede	strian
IDGE PRESEI	RVATION								
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: S	\$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 2/8/202
			Subtotal: S	\$18,052 et Cost:	K	\$10,287 <b>\$28,339</b>			
			Program Co	ode	201.113 B	Bridge Seis	mic Restor	ation	
Carryover			Performanc	e Measu	re 1 B	Bridge(s)			
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:	12/1/201 6/7/201 6/21/201 2/4/202
			Subtotal: Total Project	\$4,470 et Cost:		\$3,710 <b>\$8,180</b>			
Carryover			Program Co			Bridge Prev Bridge(s)	entative M	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 culvert structures.	0K510 2021-22	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:	8/1/202 5/1/202 6/1/202 9/15/202
			Subtotal: Total Projec	\$2,847 et Cost:		\$2,805 <b>\$5,652</b>			
			Program Co	uda	201 110 B	Bridge Pres	ventative M	aintenance	
Carryover			Performance			Bridge(s)	Cittati ve ivi		

#### 2018 SHOPP Project List Marin





		Ψ)	1,000)					U	wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Supp		COS Allocation FY	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)		
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: Subtotal: Total Proj		)	\$50 \$1,600 \$3,150 \$12,960	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/7/2014 5/1/2018 6/1/2018 1/16/2019
Carryover			Performan	ice Measu	re 11 F	ield eleme	ent(s)		
		Marin	County	,					
			R/W: Const:	\$9,656 \$50,712 \$60,368	PA&ED: PS&E: R/W Sup: Con Sup:	\$11,223 \$2,101			

# 2018 SHOPP Project List Mariposa



		(3	1,000)						atars.
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	ital .	Sunn		COS Allocatior FY	ı Miles	tonos
	•	rrog rear	Cap	ntai	Suppo	JII	FI	Milles	tones
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: Const:	\$159 \$1,550	PA&ED: 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: Total Proj	\$1,709 ect Cost:		\$1,625 <b>\$3,334</b>			
Carryover			Program (			Collision So	everity Red reduced	uction	
MANDATES									
10-Mariposa-140 21.2/21.4 3151 1013000240	In the Mariposa community, from 3rd Street to 7th street. Upgrade pedestrian facilities to mak compliant with the ADA standards.		R/W: Const:	\$55 \$1,326	PA&ED: PS&E: R/W Sup: Con Sup:	\$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: Total Proj	\$1,381 ect Cost:		\$2,410 \$3,791			
New			Program ( Performan			americans Eurb ramp(		ilities Act New	Curb Ramp
ROADWAY PRES	<u>SERVATION</u>								
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.	a 1C040 2019-20	R/W: Const:	\$7 \$16,197	PA&ED: PS&E: R/W Sup: Con Sup:	\$403 \$1,032 \$9 \$2,150	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/9/2018 10/1/2019 2/18/2020 9/27/2020
			Subtotal: Total Proj	\$16,204 ect Cost:		\$3,594 <b>\$19,798</b>			
			Program (	odo.	201 121 P	avament E	Pahahilitati	on (CAPM)	
Carryover			Performa			ane mile(s		m (CAI W)	
10-Mariposa-140 12.0/22.0 3252 1015000008	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 ADA ramps.	0Y770 2021-22	R/W: Const:	\$1,989 \$17,363	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,025 \$1,095 \$416 \$1,689	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 5/1/2022 6/1/2022 12/1/2022
			Subtotal: Total Proj			\$4,225 <b>\$23,577</b>			
New			Program (	Code ice Measu		avement R		on (CAPM)	

### 2018 SHOPP Project List Mariposa

(\$1,000)



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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Supp		COS Allocation FY	ı 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	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 9/1/202 10/1/202 4/15/2022
			Subtotal: Total Proj	\$23,927 ect Cost:		\$5,160 <b>\$29,087</b>			
New			Program (			Pavement F		on (CAPM)	
10-Mariposa-140 32.2 3194 1014000182	Near Briceburg, at 2.1 miles west of Bull Creek Road. Repair slope slip-out 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:	7/29/2010 8/30/2020 9/30/2020 4/30/202
			Subtotal: Total Proj	C	201.150 F	\$2,035 \$ <b>3,925</b> Roadway P	rotective B	etterments	
New			Performan	ice Measu	re 1 I	ocation(s)			
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:	10/27/201 12/3/201 12/4/201 7/1/201
			Subtotal: Total Proj	\$1,909 ect Cost:		\$2,353 <b>\$4,262</b>			
Carryover			Program (			Orainage Sy Culvert(s) (	ystem Resto	oration	
	N	Iariposa	County	7					
	113		2 dant)						
			R/W: Const:	\$2,428 \$63,944	PA&ED: PS&E:	\$3,798 \$7,065			
			Collst.	φυ <i>э</i> , <del>544</del>	R/W Sup:	\$1,558			
					Con Sup:	\$8,981			
			Subtotal:	\$66,372		\$21,402			
			T 4 1 (C	· · · · · · ·	43	007 774			

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		stones
MA IOD DAMACI	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 <b>\$13,565</b>			
Carryover			Program (			ermanent ocation(s)	Restoration		
COLLISION RED	UCTION								
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 ( Performan		201.010 S re 6 C	afety Impi Collision(s)			
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.	3 0C550 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 <b>\$3,943</b>			
Carryover			Program ( Performan		201.010 S re 16 C	afety Impi			
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 <b>\$5,195</b>			
Carryover			Program (		201.010 S are 16 C	afety Impi			



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Dist- Co-Rte Post Mile PPNO		EA			~		COS Allocation		
EFIS	Location/Description	Prog Year	Capi	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. Widen shoulders, install center and edge-line rumble strips, and install guardrail.	0E860 2018-19	R/W: Const:	\$88 \$1,339	PA&ED: PS&E: R/W Sup: Con Sup:	\$782 \$1,117 \$129 \$1,063	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	10/15/2018 2/28/2020 3/13/2020 9/11/2020
			Subtotal: Total Proje	\$1,427 ect Cost:		\$3,091 <b>\$4,518</b>			
Carryover			Program C		201.010 S re 14 C	afety Impi Collision(s)			
01-Mendocino-20 24.7/24.9 4650 0116000188	Near Willits, from 1.0 mile to 0.8 mile west of Three Chop Road. Widen eastbound shoulders construct guard railing, place High Friction Surface Treatment (HFST), and extend an existing culvert.	0G430 , 2019-20	R/W: Const:	\$17 \$1,303	PA&ED: PS&E: R/W Sup: Con Sup:	\$603 \$843 \$175 \$718	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 3/1/2020 3/15/2020 8/15/2020
			Subtotal: Total Proje	\$1,320 ect Cost:	(	\$2,339 <b>\$3,659</b>			
Carryover			Program C		201.010 S re 8 C	afety Impi			
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 Treatment (HFST), and installing an underdrain	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
	system.		Subtotal: Total Proje	\$1,048 ect Cost:		\$2,071 <b>\$3,119</b>			
Carryover			Program C		201.010 S re 14 C	afety Impr			
01-Mendocino-Var 7022 0116000118	In Mendocino, Lake, Del Norte, and Humboldt Counties on Routes 1, 20, 29, 96, 101, 128, 162 169, 175, 199, 253, 254, 271, 281, and 299, at various locations. Replace curve warning signs	2, 2019-20	R/W: Const:	\$9 \$2,322	PA&ED: PS&E: R/W Sup: Con Sup:	\$413 \$1,067 \$58 \$986	18-19 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 9/1/2019 9/1/2019 1/1/2020
	to make standard.		Subtotal: Total Proje	\$2,331 ect Cost:		\$2,524 <b>\$4,855</b>			
New			Program C		201.015 C	Collision Se	,	luction	



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation		
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 <b>\$10,228</b>			
			Program (	Code		Roadside S Maintenanc		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 ADA compliant curb ramps and sidewalk, add high visibility signing and striping at crosswalks, construct retaining walls	2020-21	R/W: Const:	\$256 \$4,218	PA&ED: PS&E: R/W Sup: Con Sup:	\$750 \$1,246 \$511 \$1,588	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
	and upgrade drainage.		Subtotal: Total Proj	G				ilities Act Pedo	estrian
New			Program (	nce Measu		nfrastructu Structure(s)			
				)			,		
BRIDGE PRESER								ı	
01-Mendocino-1 42.4/43.3 4491	Near Albion, from 2.2 miles north of Route 129 Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement.	8 40140 2019-20	R/W: * Const:	\$6,324 \$36,775	PA&ED: PS&E: R/W Sup:	\$5,593 \$810	Prior 18-19 18-19	R/W Cert: RTL:	11/15/2018 1/31/2020 2/14/2020
0100000155	(G13 Contingency)	),	Subtotal:	\$43,099	* Con Sup:	\$18,493	19-20	Begin Con:	3/1/2020
			* Construc		al and * Cor	\$61,592 istruction	Support ph	ase are NOT a	uthorized
Carryover			Program (			Bridge Maj Bridge(s)	or Rehabili	itation	
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)	8 40110 2019-20	R/W: * Const:	\$7,748 \$53,699	PA&ED: PS&E: R/W Sup: * Con Sup:	\$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
	(2.2 Commondy)		Subtotal: Total Proj * Construct		al and * Cor	\$17,498 <b>\$78,945</b> istruction is	Support ph	ase are NOT a	uthorized
Carryover			Program (			Bridge Maj Bridge(s)	or Rehabili	itation	
			1 CI IOI III a	irce ivicasu	11	oriuge(s)			



		(4)	1,000)					auars e
Dist- Co-Rte Post Mile PPNO		EA			1	COS Allocation	1	
EFIS	<b>Location/Description</b>	Prog Year	Capital	Supp	ort	FY	Miles	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: \$25,	250 PA&ED: 832 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: \$26, Total Project Co		\$13,300 <b>\$39,382</b>			
Carryover			Program Code Performance Me		Bridge Maj Bridge(s)	or Rehabili	tation	
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: \$1, Const: \$15,	099 PA&ED: 650 PS&E: R/W Sup: Con Sup:	\$3,806 \$2,825 \$341 \$3,650	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/14/2013 2/28/2020 3/6/2020 9/4/2020
	герместен		Subtotal: \$16, Total Project Co		\$10,622 <b>\$27,371</b>			
Carryover			Program Code Performance Mo		Bridge Rail Linear feet	Replacem	ent and Upgrad	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		333 PA&ED: 325 PS&E: R/W Sup: Con Sup:	\$1,363 \$1,445 \$191 \$1,759	Prior 19-20 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/13/201 2/26/202 3/12/202 8/27/202
			Subtotal: \$7, Total Project Co		\$4,758 <b>\$12,416</b>			
Carryover			Program Code Performance M			Replacem	ent and Upgrac	le
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: \$7, Const: \$34,	128 PA&ED: 109 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:	8/14/2020 3/4/2020 3/18/2020 10/14/2020
	provide access for pedestrians and dicycles.		Subtotal: \$41, Total Project Co		\$18,983 <b>\$60,220</b>		_	
			Program Code	201.112 F	Bridge Rail	Replacem	ent and Upgrad	le



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Dist- Co-Rte Post Mile		D					COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY	Miles	tones
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:	10/1/2020 4/1/2022 5/1/2022 12/1/2022
			Subtotal: Total Proje			\$9,430 <b>\$22,356</b>			
New			Program (			Bridge Rail Linear feet	Replaceme	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 retrofit, bridge rail upgrade, restripe for wider shoulders and bicycle access, and upgrade deck	. 0F510 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:	10/1/2020 1/1/2022 1/15/2022 6/1/2022
	drainage.		Subtotal: Total Proje	\$3,631 ect Cost:	(	\$3,293 <b>\$6,924</b>			
New			Program (			Bridge Seis Bridge(s)	mic Restor	ation	
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 12/30/2021 1/15/2022 6/1/2022
			Subtotal: Total Proje	\$7,001 ect Cost:		\$6,338 <b>\$13,339</b>			
			Program (	Code	201.113 E	Bridge Seis	mic Restor	ation	
New			Performan	ice Measu		Bridge(s)			
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: Const:	\$15 \$12,585	PA&ED: PS&E: R/W Sup: Con Sup:	\$623 \$704 \$85 \$2,590	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/1/2018 9/17/2019 10/1/2019 3/15/2020
			Subtotal: Total Proje			\$4,002 <b>\$16,602</b>			
Carryover			Program (			avement F		on (CAPM)	





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Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	1
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
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		Prior 18-19 18-19 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 <b>Total Project Cost:</b>	\$1,530 <b>\$15,113</b>		
Carryover			Program Code Performance Measu	201.121 Pavement are 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: \$635 R/W Sup: \$4 Con Sup: \$1,724	Prior 18-19 18-19 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 \$16,015		
Carryover			Program Code Performance Measu	201.121 Pavement 2 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: \$415 PS&E: \$405 R/W Sup: \$67 Con Sup: \$370	Prior 18-19 18-19 19-20	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:	\$1,257 <b>\$2,527</b>		
			Program Code	201.150 Roadway I	Protective B	etterments
Carryover			Performance Measu	re 1 Location(s	)	
01-Mendocino-1 6.8/87.9 4693 0117000222	Near Point Arena and Fort Bragg, from 0.6 mil north of Haven Neck Drive to 0.1 mile north of South Fork Cotteneva Creek Bridge. Advance mitigation credit purchases (14 credits) for	f 2018-19	R/W: \$8,820 Const:	PA&ED: \$57 PS&E: \$1,700 R/W Sup: \$7 Con Sup:	Prior Prior Prior	PA&ED: 4/15/2018 R/W Cert: 3/1/2019 RTL: 7/1/2019 Begin Con: 10/1/2019
	future SHOPP construction projects expected to impact wetlands.	0	Subtotal: \$8,820 Total Project Cost:	\$1,764 <b>\$10,584</b>		
Carryover			Program Code Performance Measu	201.240 Roadside Fire 7 Location(s		nt



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY		stones
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:	8/1/2019 6/15/2019
			Subtotal: Total Proj	\$4,410 ect Cost:		\$882 <b>\$5,292</b>			
Carryover			Program (		201.240 R	oadside E		t	
Carryover			1 CI IOI III ali	ice measu	7 10	ocation(s)			
	Me	endocino	County	,					
			R/W·	\$39 307	PA&FD:	\$35 222			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	Miles	tones
COLLISION RED	UCTION								
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:	\$928 \$2,940	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,442 \$873 \$280 \$704	Prior Prior Prior 19-20	R/W Cert:	11/17/2017 11/1/2019 11/15/2019 5/29/2020
			Subtotal: Total Proje	\$3,868 ect Cost:		\$3,299 <b>\$7,167</b>			
Carryover			Program C			Collision S	everity Red	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	R/W: Const:	\$355 \$4,225	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,279 \$769 \$252 \$1,172	19-20 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 11 locations.		Subtotal: Total Proje Program C	ode			everity Red	uction	
New			Performan	ce Measu	re 39 C	collision(s	) reduced		
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 Proje	\$2,611 ect Cost:		\$2,346 <b>\$4,957</b>			
New			Program C			Collision S	everity Red	uction	
<b>MANDATES</b>									
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 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 Proje	\$2,248 ect Cost:		\$2,609 <b>\$4,857</b>			_
Carryover			Program C			americans Eurb rampo		lities Act New	Curb Ramps



		(4	1,000)						wows
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocation FY		tones
BRIDGE PRESEI	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 7 bridges.	0G830 2019-20		\$416 5,530	PA&ED: PS&E: R/W Sup: Con Sup:	\$982 \$649 \$19 \$1,984	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2019 2/7/2020 2/21/2020 9/1/2020
			Subtotal: \$6 Total Project C	5,946 C <b>ost:</b>		\$3,634 <b>\$10,580</b>			
Carryover			Program Code Performance M			Bridge Seis Bridge(s)	smic 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 13 bridges.	1C810 2020-21		,894 2,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$819 \$950 \$542 \$1,100	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 12/1/2020 12/18/2020 7/23/2021
			Subtotal: \$3 Total Project C	,994 Cost:	X	\$3,411 <b>\$7,405</b>			
Carryover			Program Code Performance M			Bridge Pre	ventative M	aintenance	
ROADWAY PRE	<u>SERVATION</u>								
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			PA&ED: PS&E: R/W Sup: * Con Sup:		Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2018 4/15/2020 5/15/2020 11/13/2020
			Subtotal: \$46 Total Project C * Construction C		ıl and * Con	\$17,822 <b>\$63,917</b> astruction	Support pha	ase are NOT a	uthorized
Carryover			Program Code Performance M			toadway F ane mile(	Rehabilitatio s)	on (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		,369 ),600	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,973 \$5,200 \$677 \$10,000	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/3/2017 6/14/2019 6/21/2019 2/14/2020
			Subtotal: \$63 Total Project C	,969 C <b>ost:</b>		\$17,850 <b>\$81,819</b>			
Carryover			Program Code Performance M			Loadway F	Rehabilitatio s)	on (2R)	



		(\$	1,000)						altrans <sup>,</sup>
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	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:	6/4/2018 4/1/2019 5/1/2019 1/3/2020
			Subtotal: Total Proj	\$1,919 ect Cost:		\$2,254 <b>\$4,173</b>			
Carryover			Program ( Performan		201.151 D re 16 C	Orainage Sy Culvert(s) (		oration	
<u>IOBILITY</u>									
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		5/15/2020 11/15/2021 12/1/2021 6/15/2022
			Subtotal: Total Proj	\$2,490 ect Cost:	K	\$2,039 <b>\$4,529</b>			
New OADSIDE PRES	SEDVATION		Prógram ( Performan			-	Improvem le hour(s) o	ents of delay (DVHI	D)
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:	8/12/2019 1/15/2021 8/2/2021 2/11/2022
			Subtotal: Total Proj	\$16,705 ect Cost:		\$7,055 <b>\$23,760</b>			
New			Program ( Performan			afety Road		Area Restoratio	on
<u>IULTIPLE OBJ</u>	ECTIVE								
10-Merced-5 0.4/0.9 3209A 1018000067	At Northbound (NB) and Southbound (SB) John "Chuck" Erreca Safety Roadside Rest Area (SRRA), and in San Joaquin County on Route 99 at Lodi Park-and-Ride lot. Transportation infrastructure improvement for zero-emission	n 1G721 2018-19	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:	1/30/2018 9/4/2018 10/1/2018 4/8/2019
	vehicle charging.		Subtotal: Total Proj	\$1,609 ect Cost:		\$595 <b>\$2,204</b>			





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

Merced County
R/W: \$8,784 PA&ED: \$11,134
Const: \$148,250 PS&E: \$18,404
R/W Sup: \$3,391
Con Sup: \$33,457
Subtotal: \$157,034 \$66,386
Total (Capital + Support): \$223,420

### 2018 SHOPP Project List Modoc

(\$1,000)



		(Ψ.	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
COLLISION RED	<u>DUCTION</u>								
02-Modoc-299 51.9/52.5 3607 0215000150	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:	9/19/2017 5/4/2018 6/4/2018 9/18/2018
			Subtotal: Total Proje	\$3,229 ect Cost:		\$2,190 <b>\$5,419</b>			
			Program (		201.010 S				
Carryover			Performan	ce Measu	re 18 C	ollision(s)	reduced		
		Modoc	County	,					
			R/W: Const:	\$15 \$3,214	PA&ED: PS&E:	\$580 \$680			
					R/W Sup: Con Sup:	\$90 \$840			

Subtotal:

\$3,229

Total (Capital + Support):

\$2,190

\$5,419

# 2018 SHOPP Project List Mono



		,	1,000)						wuwe
Dist- Co-Rte Post Mile PPNO	T (1 /15 ) (1	EA			C		COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ıtal	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	18-19 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 Proje	\$14,108 ect Cost:		\$6,243 <b>\$20,351</b>			
New			Program C Performan			Collision 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.		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 Proje	\$5,996 ect Cost:	K	\$3,380 <b>\$9,376</b>			
New			Program C Performan			Collision Social Collision(s)	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 Proje	\$8,651 ect Cost:		\$5,529 <b>\$14,180</b>			
Carryover			Program C Performan			Collision Sollision(s)	everity Red ) reduced	uction	
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 chair control turnouts.	1	Subtotal: Total Proje	\$5,715 ect Cost:		\$1,310 <b>\$7,025</b>			
<b>)</b> ,			Program C		201.235 N	/aintenanc	e Access	ovements/ Free	way
New			Performan	ce Measu	re 13 L	ocation(s)			

#### 2018 SHOPP Project List Mono





COS Allocation ort FY Milestones
\$200 Prior PA&ED: 2/15/2019 \$200 18-19 R/W Cert: 5/15/2020 \$100 18-19 RTL: 6/26/2020
\$100 18-19 RTL: 6/26/2020 \$150 19-20 Begin Con: 12/15/2020
\$650
\$3,550  oadside Enhancement
ocation(s)
0

R/W:

Const:

Subtotal:

\$34,592

\$37,370

**Total (Capital + Support):** 

\$2,778 PA&ED: \$4,072

PS&E:

R/W Sup: \$1,535 Con Sup: \$6,858

\$4,647

\$17,112

\$54,482



		( .	) <b>)</b>						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	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:	\$48 \$1,852	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: Total Project	\$1,900 et Cost:		\$2,385 <b>\$4,285</b>			
Carryover			Program Co				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:	\$816	PA&ED: PS&E: R/W Sup: Con Sup:	\$344 \$483	Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/29/2015 9/9/2019 4/24/2020 11/30/2020
			Subtotal: Total Project	\$816	K	\$827 <b>\$1,643</b>			
			Program Co	nde 🔷	201 015 C	'allision S	Severity Red	uction	
Carryover			Performance			ocation(s	-	action	
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:	\$5 \$4,750	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$1,900 \$190	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: Total Project	\$4,755 ct Cost:		\$4,790 <b>\$9,545</b>			
New			Program Co				Severity Reduced	uction	
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	R/W: Const:	\$6 \$4,873	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,763 \$29 \$1,240	18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2017 12/2/2019 4/1/2020 11/12/2020
			Subtotal: Total Project	\$4,879 et Cost:		\$3,032 <b>\$7,911</b>			
			Pugguam Ca	.do			Safety Impro	vements/ Free	way
New			Program Co			ocation(s			



		(3	1,000)						atas •
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	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.	1F900 2019-20	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	R/W Cert:	12/24/2019
			Subtotal: Total Proje	\$4,824 ct Cost:		\$3,461 <b>\$8,285</b>			
Carryover			Program Co		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 ADA compliant pathway along eastbound Route 68, upgrade curb ramps and sidewalk to meet ADA standards. Relocate streetlight pole and signs,	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
	remove and replant trees.		Subtotal: Total Proje	\$775	K	\$1,737 <b>\$2,512</b>			
New			Program Co			americans Eurb ramp(		ilities Act New	Curb Ramp
05-Monterey-218 R0.2/L0.9 2648 0516000042	In Seaside, from El Monte Road to Fremont Boulevard. Construct new sidewalks/upgrade pedestrian pathway and construct/upgrade curb ramps to meet current standards.	1H230 2021-22	R/W: Const:	\$356 \$1,122	PA&ED: PS&E: R/W Sup: Con Sup:	\$630 \$1,269 \$1,016 \$547	18-19 19-20 19-20 21-22	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 ct Cost:		\$3,462 <b>\$4,940</b>			
New			Program Co			americans Eurb ramp(		ilities Act New	Curb Ramp
BRIDGE PRESE	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 ct Cost:		\$4,390 <b>\$11,790</b>			
Carryover			Program Co			sridge Maj sridge(s)	or Rehabili	tation	
Curryover			1 C. IVI IIIAII	ivicasu	1 E	inage(s)			



		Ψ)	1,000)						arans*
Dist- Co-Rte Post Mile							cos		
PPNO		EA				A	Allocation	ı	
EFIS	Location/Description	Prog Year	Capi	tal	Suppo	ort	FY	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 Project	\$8,936 et Cost:		\$3,633 <b>\$12,569</b>			
Carryover			Program Co			Bridge Majo Bridge(s)	or Rehabili	tation	
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 Project	\$1,646 et Cost:	(	\$2,856 <b>\$4,502</b>			
New			Program Co			Bridge Rail inear feet	Replaceme	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:	Φ.C. 5.1.77		\$3,340			
			Total Projec	\$5,517 et Cost:		\$8,857			
Carryover		)		et Cost: ode		\$8,857	Replaceme	ent and Upgrad	e
Carryover  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	Total Project	et Cost: ode		\$8,857 Bridge Rail Linear feet \$1,529 \$1,800 \$15	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/7/2018 2/11/2020 4/29/2020
05-Monterey-101 R6.7 2565			Program Co Performance R/W:	set Cost:  ode ee Measu \$841 \$7,734	PA&ED: PS&E: R/W Sup:	\$8,857 Bridge Rail Linear feet \$1,529 \$1,800 \$15	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	9/7/2018 2/11/2020 4/29/2020



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Dist- Co-Rte Post Mile							COS		
PPNO		EA					Allocation		
EFIS	Location/Description	Prog Year	Capi	tal	Support		FY	Miles	tones
	· · · · · · · · · · · · · · · · · · ·		•						
ROADWAY PRES	<u>ERVATION</u>								
05-Monterey-1	In and near Big Sur and Carmel, from Torre	1F680	R/W:	\$31	PA&ED:	\$858	Prior	PA&ED:	5/31/2018
39.8/74.6	Canyon Bridge to San Luis Avenue. Pavement	2018-19	Const:	\$24,335	PS&E:	\$1,427	18-19	R/W Cert:	5/28/2019
2534	rehabilitation.				R/W Sup:	\$41	18-19	RTL:	6/11/2019
0514000046					Con Sup:	\$2,828	18-19	Begin Con:	1/2/2020
							I		
			Subtotal:	\$24,366		\$5,154			
			Total Proje	ct Cost:		\$29,520			
			D C		201 121 B	T	2 1 1 11 4	(CADM)	
~			Program Co				Rehabilitation	n (CAPM)	
Carryover			Performano	ce Measu	re 72.1 L	ane mile(	s)		
05-Monterey-68	In and near Pacific Grove, from Forest Avenue	1H000	R/W:	\$70	PA&ED:	\$482	Prior	PA&ED:	2/26/2019
1.1/L4.3	to Route 1. Upgrade ADA curb ramps, cold	2020-21	Const:	\$7,996	PS&E:	\$1,638	18-19	R/W Cert:	
2631	plane pavement and place Rubberized Hot Mix			. ,	R/W Sup:	\$312	18-19		12/11/2020
0516000011	Asphalt concrete (RHMA).				Con Sup:	\$1,675	20-21	Begin Con:	7/15/2021
			Subtotal:	\$8,066		\$4,107			
			Total Proje	ct Cost:		\$12,173			
			Program C	ndo 🔷	201 121 P	avement I	Rehabilitatio	n (CAPM)	
C			Performance			ane mile(s		ii (CAI WI)	
Carryover			reriormand	ce Measu	re 0.3 L	ane mne(:	s)		
05-Monterey-101	In and near Salinas, from north of North	1F700	R/W:	\$70	PA&ED:			PA&ED:	6/30/2016
73.8/87.3	Gonzales Overcrossing to East Market Street.	2018-19	Const:	\$19,400	PS&E:	\$2,100	Prior	R/W Cert:	4/4/2018
2540	Pavement rehabilitation.				R/W Sup:	\$90	Prior	RTL:	10/29/2018
0514000055					Con Sup:	\$2,300	18-19	Begin Con:	5/8/2019
				£10.470		Ф4.400	ı		
				\$19,470		\$4,490			
			Total Proje	ct Cost:		\$23,960			
			Program C	ode	201 121 P	avement I	Rehabilitation	n (CAPM)	
Carryover			Performance			ane mile(s		ii (C/II W)	
			1 Ci ioi illano	e measu	16 J4 L	ane mne(;	5)		
05-Monterey-101	Near King City, from south of Paris Valley	1F740	R/W:		PA&ED:	\$11	Prior	PA&ED:	7/1/2014
R28.0/R30.6	Road Overcrossing to Rancho Undercrossing.	2018-19	Const:	\$26,950	PS&E:	\$1,820	Prior	R/W Cert:	8/1/2018
2546	Roadway rehabilitation.				R/W Sup:	\$42	Prior	RTL:	12/7/2018
0514000049	*				Con Sup:	\$3,490	18-19	Begin Con:	6/22/2020
			0.14 + 1	\$26,950		¢5 262			
						\$5,363			
			Total Proje	ct Cost:		\$32,313			
			Program Co	ode	201 122 R	oadway R	Rehabilitation	ı (2R)	
Carryover			Performano			ane mile(s		- (=11)	
			i ci ioi man(	L IVICASU	10.3 L	une mme(:	<i>3)</i>		



		(Ψ.	1,000)			<i>Lutars</i>		
Dist- Co-Rte Post Mile PPNO								
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones		
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: \$39 * Const: \$104,00	. ,	00 19-20 00 19-20	PA&ED: 9/3/2019 R/W Cert: 5/12/2021 RTL: 8/3/2021 Begin Con: 2/25/2022		
	Hot Mix Asphalt concrete (RHMA) and place Hot Mix Asphalt (HMA) to rehabilitate roadway.  (G13 Contingency)		Subtotal: \$104,39 <b>Total Project Cos</b> * Construction Cap	t: \$129,09	03	ase are NOT authorized		
	(G15 Contingency)							
Carryover			Program Code Performance Mea	201.122 Roadwa sure 49 Lane mi	•	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: \$2 Const: \$1,52		24 18-19 3 18-19	PA&ED: 10/1/2018 R/W Cert: 10/28/2019 RTL: 2/3/2020 Begin Con: 6/1/2020		
			Subtotal: \$1,55 Total Project Cos					
Carryover			Program Code Performance Mea	201.151 Drainagessure 1 Culvert(	-	toration		
05-Monterey-Var 2634 0516000015	In Monterey and Santa Cruz Counties, on Various Routes and locations. Replace overhead signs.	1H040 2019-20	R/W: Const: \$1,68	PA&ED: 80 PS&E: \$1,00 R/W Sup: \$3 Con Sup: \$53	18-19	PA&ED: 6/9/2016 R/W Cert: 7/2/2019 RTL: 11/22/2019 Begin Con: 6/17/2020		
			Subtotal: \$1,68 Total Project Cos	*				
			Dunguam Cod- 201 170 C		J.I. : _l.4: D.	de de ilianai e e		
New	Program Code 201.170 Signs and Lighting Rehabilitation Performance Measure 62 Sign(s)							
			Terrormance wiea	02 Sign(3)				
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: \$2 Const: \$3,20		60 18-19 20 18-19	PA&ED: 9/5/2018 R/W Cert: 1/3/2020 RTL: 4/1/2020 Begin Con: 11/6/2020		
			Subtotal: \$3,22 Total Project Cos			1		
Carryover			Program Code Performance Mea	201.315 Transpo	•	gement Systems		

# 2018 SHOPP Project List Monterey



		(3	1,000)					~ ~	altrans°
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
05-Monterey-101 86.0/95.8 0064Q 0516000016	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, cameras, and a	0N200 2018-19	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
	vehicle pullout.		Subtotal: Total Proje	\$1,509 ect Cost:		\$1,725 <b>\$3,234</b>			
Carryover			Program C			ransportat	-	ement Systems	3
ROADSIDE PRES	FRVATION								
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
Carryover			Subtotal: Total Proje  Program C  Performan	ode	201.240 R	\$220 \$3,139 Coadside Execution(s)	nhancemer	t	
			Citorman	ec Meusu		- Cocation(s)			
MULTIPLE OBJE								1	
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 (PM 49.5). Transportation infrastructure improvement for zero-emission vehicle charging.	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	PA&ED: R/W Cert: RTL: Begin Con:	
	(PA&ED, PS&E, R/W Sup Only)		Subtotal: Total Proje * Const, * F		n Sup phase(	\$1,213 <b>\$2,428</b> (s) are NO	T authorize	ed	
Carryover			Program C			MULTIPLE ocation(s)	E OBJECT	IVE	
05-Monterey-183 R8.4/R9.8 2678 0516000118	In Castroville from Del Monte Ave to Washington Street, a multi-objective Asset Management Pilot Project. Predominate mobility project.	1H650 2021-22	R/W: Const:	\$2,300 \$13,300	PA&ED: PS&E: R/W Sup: Con Sup:		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 <b>\$31,000</b>			
							E OBJECTI		

#### 2018 SHOPP Project List Monterey



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

Monterey Coun	ty		
R/W:	\$9,659	PA&ED:	\$16,285
Const:	\$252,781	PS&E:	\$37,966
		R/W Sup:	\$10,626
		Con Sup:	\$43,541
Subtotal:	\$262,440		\$108,418
Total (C	apital + Sup	port):	\$370,858





11.4   Construct roundabout.   2018-19   Const.   \$3,780   Ps&EE   \$250   Prior   R/W Cort.   223/2018			(Ψ.	1,000)					4	<i>uuu</i>
14-4   14-88P   14-	Post Mile PPNO	Location/Description	EA Prog Year	Caj	pital	Suppe		Allocation		tones
04-Napa-29	COLLISION REI	DUCTION								
Carryover	04-Napa-29 11.4 1488P	In Napa, at northbound ramps and 1st Street.				PS&E: R/W Sup:			R/W Cert: RTL:	7/18/2016 2/23/2018 4/15/2018 2/22/2019
Mear Napa, at Huichica Creek (PM 0.75).   4G210   Subtotal:   51,247   Ps&ED:   1,750   Propring										
Near Napa, at Huichica Creek (PM 0.75).   O.5/1.0   O.	Carryover			_			4			
Carryover	0.5/1.0 0775G					PS&E: R/W Sup:	\$1,530 \$90	Prior Prior	R/W Cert: RTL:	3/30/2018 10/4/2019 10/4/2019 7/17/2020
Okaryover   Near Napa, at Huichica Creek (PM 0.75).   4G21A   R/W:   PA&ED:   R/W Cert:   6/29/2022   Gonst.   \$1,000   PS&E:   R/W Cert:   6/29/2022   Gonst.   \$1,000   Sy00   Gonst.   \$1,000				Total Proj	ject Cost:	7	\$20,469			
Near Napa, at Huichica Creek (PM 0.75).   4G21A   76.00   PS&E:   R/W Cert:   6/29/2022   RTL:   6/29/2022	<i>C</i>						, ,			
Total Project Cost: \$1,900  Program Code 201.010 Safety Improvements Performance Measure 0 Collision(s) reduced  MANDATES  04-Napa-29 Near Calistoga, at 0.3 mile south of Bothe-Napa 33.1 Valley State Park entrance at Ritchie Creek 2021-22 Const: \$7,566 PS&E: \$1,300 20-21 R/W Cert: 5/1/2021 R/W Sup: \$167 20-21 R/W Cert: 5/1/2021 R/W Sup: \$167 20-21 R/W Sup: \$1,300 21-22 R/	04-Napa-121 0.5/1.0 0775H	Mitigation planting, monitoring. and reporting		R/W:		PA&ED: PS&E: R/W Sup:			R/W Cert: RTL:	3/30/2018 6/29/2022 6/29/2022 12/8/2022
MANDATES  O4-Napa-29 33.1 Valley State Park entrance at Ritchie Creek 2021-22 Const: \$7,566 PS&E: \$1,300 20-21 R/W Cert: 5/1/2022 Const: \$7,566 PS&E: \$1,300 21-22 R/W Cert: 5/1/2022 Const: \$7,566 PS&E: \$1,300 21-22 R/W Cert: 5/1/2022 Const: \$7,566 PS&E: \$1,300 21-22 R/W Cert: 5/1/2022 Const: \$7,566 PS&E: \$1,300 20-21 R/W Cert: 5/1/2022 Const: \$7,566 PS&E: \$1,300 21-22 R/W Cert: 5/1/2022 Const: \$1,300 21-22 R/W Cert: 5/1/2022 Const										
Near Calistoga, at 0.3 mile south of Bothe-Napa 4J990 R/W: \$590 PA&ED: \$1,820 18-19 PA&ED: 10/1/2020 Const: \$7,566 PS&E: \$1,300 20-21 R/W Cert: 5/1/2020 R/W Sup: \$167 20-21 R/W Cert: 5/1/2020 R/W Sup: \$167 20-21 R/W Cert: 5/1/2020 R/W Sup: \$1,300 21-22 Begin Con: 11/1/2020 R/W Sup: 11/1/2	Carryover			-						
Near Calistoga, at 0.3 mile south of Bothe-Napa 4J990 R/W: \$590 PA&ED: \$1,820 18-19 PA&ED: 10/1/2020 Const: \$7,566 PS&E: \$1,300 20-21 R/W Cert: 5/1/2020 R/W Sup: \$167 20-21 R/W Cert: 5/1/2020 R/W Sup: \$167 20-21 R/W Cert: 5/1/2020 R/W Sup: \$1,300 21-22 Begin Con: 11/1/2020 R/W Sup: 11/1/2	<b>MANDATES</b>									
adjacent State Park for compliance unit credits towards Statewide NPDES permit mandate goals.  Subtotal: \$8,156 \$4,587  Total Project Cost: \$12,743  Program Code 201.335 Storm Water Mitigation	04-Napa-29 33.1 1464K	Valley State Park entrance at Ritchie Creek Bridge No. 21-0057. Replace bridge and provide financial contributions to improve fish	2021-22			PS&E: R/W Sup:	\$1,300 \$167	20-21 20-21	R/W Cert: RTL:	10/1/2020 5/1/2022 6/1/2022 11/1/2022
		adjacent State Park for compliance unit credits towards Statewide NPDES permit mandate								
				Program (	Code	201.335 S	torm Wate	er Mitigation	1	
· / 1	New			_				·		





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		COS Allocation FY	ı Miles	tones
04-Napa-29 0.2/14.6 1496E 0416000040	In and near the cities of American Canyon and Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make facilities compliant with ADA requirements.	0K000 2021-22	R/W: Const:	\$80 \$989 \$1,069	PA&ED: PS&E: R/W Sup: Con Sup:	\$275 \$276 \$92 \$203	18-19 20-21 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 10/1/2021 1/2/2022 7/1/2022
New			Total Project Program Co	ct Cost:		\$1,915		ilities Act New	Curb Ramps
BRIDGE PRESE	DVATION								
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
Carryover			Subtotal: Total Project Program Co Performance	ode _	201.110 B re 1 B	\$2,060 \$4,725 ridge Maj	or Rehabili	tation	
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 Project	\$9,378 ct Cost:		\$6,282 <b>\$15,660</b>			
New			Program Co		201.110 B	ridge Maj ridge(s)	or Rehabili	tation	
04-Napa-29 37.0 0587M 0416000349	In Calistoga, at Napa River Bridge No. 21-0018 Environmental mitigation and plant establishment for bridge replacement project.	3. 3G64A 2018-19	R/W: Const:	\$85 \$500	PA&ED: PS&E: R/W Sup: Con Sup:	\$640 \$400 \$150	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/9/2015 6/14/2019 6/28/2019 12/27/2019
			Subtotal: Total Project	\$585		\$1,190 <b>\$1,775</b>			
Carryover			Program Co		201.111 B re 1 B	ridge Scor	ur Mitigatio	on	





		<u>(</u> 4	1,000)						aurans*
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
04-Napa-29 14.1/19.0 1494E 0416000111	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21	2021-22	R/W: Const:	\$295 \$7,111	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$350	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/30/2020 1/31/2022 4/15/2022 12/15/2022
	-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.		Subtotal: Total Proje	\$7,406 ect Cost:		\$4,650 <b>\$12,056</b>			
New			Program C			Bridge Rail Linear feet	Replacem	ent and Upgrac	le
04-Napa-29 32.1/42.8 1482P 0415000003	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
	manicianec.		Subtotal: Total Proje	\$3,339 ect Cost:		\$2,696 <b>\$6,035</b>			
Carryover			Program C			Bridge Prev Bridge(s)	ventative M	<b>I</b> aintenance	
04-Napa-29 39.1 1483E 0415000021	Near Calistoga, at Garnett Creek Bridge No. 21 -0005. Bridge preventative maintenance.	2J880 2019-20	R/W: Const:	\$317 \$1,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$330	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	\$1,417 ect Cost:		\$3,850 <b>\$5,267</b>			
			Program C	Code	201.119 E	Bridge Prev	entative M	Iaintenance	
Carryover			Performan			Bridge(s)			
ROADWAY PRE	SERVATION								
04-Napa-29 29.3/36.9 1490D 0415000320	In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement rehabilitation.	4J300 2020-21	R/W: 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 <b>\$12,811</b>			
Carryover			Program C			Pavement F Lane mile(s		on (CAPM)	

## 2018 SHOPP Project List Napa (\$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 <b>\$6,558</b>			
Carryover			Program ( Performan			rainage S ulvert(s)	ystem Resto	oration	

Napa County
R/W: \$6,047 PA&ED: \$12,215
Const: \$60,424 PS&E: \$11,615
R/W Sup: \$2,365 Con Sup: \$14,702
Subtotal: \$66,471 \$40,897
Total (Capital + Support): \$107,368



29.7/30.9 Cloud washing 3994 Washing should be zone.  Carryover  03-Nevada-20 Near E 37.1/39.8 Excelsi								_	auars •
Carryover  03-Nevada-20 Near N 29.7/30.9 Cloud of 3994 Washin should of zone.  Carryover  03-Nevada-20 Near E Should of zone.		EA				1	COS Allocation	1	
03-Nevada-20 Near N 29.7/30.9 Cloud of Section 1994 Washin should be cone.  Carryover  03-Nevada-20 Near E Section 37.1/39.8 Excelsing the section 1995 Section 1	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
03-Nevada-20 Near N 29.7/30.9 Cloud 3994 Washir 0315000116 should zone.   Carryover  03-Nevada-20 Near E 37.1/39.8 Excelsi 4000 Zeibrig	ON								
Carryover           03-Nevada-20         Near E           37.1/39.8         Excelsi           4000         Zeibrig	Nevada City, from 0.1 mile east of White Campground to 0.9 mile west of ngton Road. Curve improvement, er widening and improve clear recovery	0H240 2019-20	R/W: Const:	\$613 \$8,237	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,096 \$976 \$291 \$1,286	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
03-Nevada-20 Near E 37.1/39.8 Excelsi 4000 Zeibrig			Subtotal: Total Proje	\$8,850 ect Cost:		\$3,649 <b>\$12,499</b>			
37.1/39.8 Excelsi 4000 Zeibrig			Program C		201.010 S re 46 C	afety Impi			
	Emigrant Gap, from 0.3 mile west of ior Point Road to 1.3 mile west of ght Road. Curve improvement and wider ers.	2H620 2019-20	R/W: Const:	\$1,380 \$27,480	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,920 \$2,810 \$410 \$3,480	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: Total Proje	\$28,860 ect Cost:		\$10,620 <b>\$39,480</b>			
			Program C		201.010 S	, ,			
	collins Lake, from Maple Way to You Be Realign roadway curves.	et 4F370 2018-19	Performan  R/W:  Const:	\$2,503	PA&ED:	\$1,700 \$2,100 \$2,300 \$3,200	18-19 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: Total Proje	\$19,503 ect Cost:		\$9,300 <b>\$28,803</b>			
Carryover			Program C Performan		201.010 S re 72 C	afety Impr			
0.0/20.0 Under	near Truckee, from east of Kingvale crossing to west of Union Mills Bridge verhead. Replace guardrail with concrete.	4F600 2018-19	R/W: Const:	\$5 \$12,308	PA&ED: PS&E: R/W Sup: Con Sup:	\$410 \$660 \$30 \$950	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/23/2017 10/15/2018 11/1/2018 4/1/2019
			Subtotal:	\$12,313		\$2,050			
Carryover			Total Proje			\$14,363			



		(2)	1,000)						altrans°
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	<b>Prog Year</b>	Сар	oital	Suppo	ort	FY	Miles	tones
03-Nevada-80 R10.0/31.7 4297 0317000008	In and near Truckee, at various locations from 1.0 mile east of Donner Lake Undercrossing to the Sierra County Line. Replace guardrail with concrete barrier at 21 locations to reduce maintenance repairs.	1H840 2020-21	R/W: Const:	\$30 \$3,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$120 \$180 \$30 \$360	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 10/1/2020 10/15/2020 4/15/2021
	a a a a a a a a a a a a a a a a a a a		Subtotal: Total Proj	\$3,230 ect Cost:		\$690 <b>\$3,920</b>			
New			Program (		201.015 C re 30 C	Collision So Collision(s)	-	luction	
MANDATES									
03-Nevada-174 9.7/10.1 4450 0313000047	In Grass Valley, from Park Street to Route 20. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	3F680 2020-21	R/W: Const:	\$150 \$1,660	PA&ED: PS&E: R/W Sup: Con Sup:	\$180 \$330 \$86 \$360	Prior Prior Prior 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 3/5/2021 3/15/2021 9/2/2021
			Subtotal:	\$1,810		\$956			
			Total Proj			\$2,766			
Carryover  ROADWAY PRES  03-Nevada-80 28.3/28.7	Near Truckee and Floriston, from 0.2 mile east of Truckee River Bridge to 0.8 mile west of	1H010 2020-21	Program ( Performan  R/W: Const:		re 85.7 C PA&ED: PS&E:	\$570 \$1,150	18-19 19-20	PA&ED:	8/1/2019 9/15/2020
4293 0316000046	Farad Road. Construct measures to address cut- slope erosion and rockfall.				R/W Sup: Con Sup:	\$160 \$1,020	19-20 20-21	RTL: Begin Con:	10/15/2020 4/1/2021
			Subtotal: Total Proj	\$11,490 ect Cost:		\$2,900 <b>\$14,390</b>			
New			Program (		201.150 R re 1 L	oadway P		etterments	
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:	4/1/2018 5/15/2019 5/31/2019 11/30/2019
			Subtotal: Total Proj	\$9,890 ect Cost:		\$2,630 <b>\$12,520</b>			
Carryover			Program (	Code ice Measu	201.150 R	oadway P		etterments	



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** Near Truckee and Floriston, from Farad Road to 2H000 R/W: \$90 PA&ED: \$440 18-19 1/2/2019 03-Nevada-80 PA&ED: 2.17 mile west of Sierra County line. Mitigate 29.5/29.7 2020-21 Const: \$3,400 PS&E: \$750 18-19 R/W Cert: 10/1/2020 rockfall and stabilize cut-slope erosion with 4298 R/W Sup: \$280 18-19 RTL: 10/15/2020 draped mesh and a drainage ditch. 0317000044 Begin Con: Con Sup: \$610 20-21 4/15/2021 \$3,490 \$2,080 Subtotal: **Total Project Cost:** \$5,570 **Program Code** 201.150 Roadway Protective Betterments New Performance Measure 1 Location(s) 18-19 03-Nevada-80 Near Truckee and Floriston, from 1.9 miles east 2H690 R/W: PA&ED: \$410 8/1/2019 \$30 PA&ED: of Farad Road to the Sierra County line. 31.3/31.8 2021-22 \$6,200 PS&E: \$890 19-20 R/W Cert: 10/1/2021 Const: Construct mitigation measures to reduce 4299 R/W Sup: \$120 19-20 RTL: 10/15/2021 rockfall onto the roadway. 0317000172 Begin Con: Con Sup: \$1,080 21-22 5/1/2022 \$2,500 \$6,230 Subtotal: **Total Project Cost:** \$8,730 **Program Code** 201.150 Roadway Protective Betterments New **Performance Measure** 1 Location(s) \$325 PA&ED: 03-Nevada-49 Near Higgins Corner, from the Placer County 0H210 R/W: \$513 Prior PA&ED: 1/2/2020 0.0/7.5line to 0.3 mile north of Lime Kiln Road; also, 2021-22 Const: \$3,257 PS&E: \$743 19-20 R/W Cert: 10/1/2021 in Placer County at PM R8.42 and PM R10.23. 4124 R/W Sup: \$547 19-20 RTL: 10/15/2021 Rehabilitate drainage systems. Begin Con: 0315000112 Con Sup: \$607 21-22 4/15/2022 Subtotal: \$3,582 \$2,410 Total Project Cost: \$5,992 **Program Code** 201.151 Drainage System Restoration Performance Measure 24 Culvert(s) (ea) Carryover In and near Grass Valley, from Lime Kiln Road 0H220 PA&ED: 03-Nevada-49 R/W: \$80 \$440 Prior PA&ED: 8/31/2017 to Route 20. Rehabilitate culverts. 7.5/R14.4 2018-19 \$2,970 PS&E: \$550 Prior R/W Cert: 4/15/2019 Const: 4123 R/W Sup: \$350 Prior RTL: 4/30/2019 0315000113 \$590 18-19 Begin Con: 10/30/2019 Con Sup: \$1,930 \$3,050 Subtotal: **Total Project Cost:** \$4,980 **Program Code** 201.151 Drainage System Restoration 38 Culvert(s) (ea) Carryover Performance Measure



		(3	1,000)					U	altrans*
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY	Miles	tones
MOBILITY									
03-Nevada-20 25.1/25.2 3997 0316000006	Near Nevada City and Emigrant Gap, at west of Pine Needle Way (PM 25.15), and at west of Last Chance Mine Road (PM 37.05); also, in Placer County on Route 193 near Newcastle, at	0H690 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 <b>\$2,420</b>			
New			Program C				l Improvem	nents of delay (DVHI	D)
03-Nevada-20 28.0/32.4 3996 0316000004	Near Nevada City and Junction House, from east of Conservation Road (Washington Ridge Road) to east of Washington Road. Operational improvements to widen for left-turn pockets and roadway turnouts.	0H660 2020-21	R/W: Const:	\$90 \$1,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$340 \$470 \$60 \$530	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2020 2/1/2021 3/1/2021 8/1/2021
			Subtotal: Total Proje	\$1,990 ect Cost:	K	\$1,400 <b>\$3,390</b>			
New			Program C Performan			•	l Improvem	nents of delay (DVHI	D)
03-Nevada-20 36.8/37.0 3999 0317000005	Near Bear Valley and Emigrant Gap, from 2.0 miles east of Chalk Bluff Road to 0.2 mile west of Excelsior Point Road. Operational improvement to make existing roadway turnout standard width with shoulders.	1H810 2020-21	R/W: 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 <b>\$3,340</b>			
New			Program C Performan			•	l Improvem	ents of delay (DVH)	D)
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 <b>\$13,210</b>			
Carryover			Program C			ransportat		ement Systems	

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



Dist-Co-Rte
Post Mile
PPNO
EA

Location/Description
Prog Year

COS
Allocation

EA
Support
FY
Milestones

Nevada County
R/W: \$5,746 PA&ED: \$12,219
Const: \$121,082 PS&E: \$14,259
R/W Sup: \$5,214
Con Sup: \$17,853
Subtotal: \$126,828 \$49,545
Total (Capital + Support): \$176,373



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY Milestones **Prog Year** Capital **Support COLLISION REDUCTION** 12-Orange-1 In Huntington Beach, at 6th Street; also in Seal 0N850 R/W: PA&ED: \$150 \$172 Prior 1/22/2018 PA&ED: Beach at Seal Beach Boulevard (PM 32.7). Prior 24.9 2018-19 \$412 R/W Cert: Const: \$960 PS&E: 6/5/2019 Modify traffic signals and install additional R/W Sup: 2527 \$750 Prior RTL: 6/15/2019 lighting. Begin Con: 12/11/2019 1214000116 Con Sup: \$490 18-19 \$1,132 \$1,802 Subtotal: **Total Project Cost:** \$2,934 **Program Code** 201.010 Safety Improvements Carryover **Performance Measure** 47 Collision(s) reduced PA&ED: 12/15/2018 12-Orange-1 In Huntington Beach, from Seapoint Street to 0Q280 R/W: PA&ED: \$515 Prior Warner Avenue at Boisa Chica State Beach. 27.0/29.9 2019-20 \$1,148 PS&E: \$605 18-19 R/W Cert: 1/15/2020 Const: Construct rumble strips and install outer R/W Sup: 2470A RTL: 1/30/2020 separation barrier in southbound direction. 1216000120 Con Sup: \$492 19-20 Begin Con: 6/1/2020 \$1,148 \$1,612 Subtotal: \$2,760 **Total Project Cost:** 201.010 Safety Improvements **Program Code** Carryover Performance Measure 2 Collision(s) reduced In Anaheim, on the northbound Harbor 0Q300 R/W: \$18 PA&ED: PA&ED: 6/16/2017 12-Orange-5 Boulevard offramp; also on the southbound 37.3/37.4 2018-19 \$1,432 \$1,285 R/W Cert: 5/3/2019 Const: PS&E: Prior Harbor Boulevard onramp. Modify traffic 2861F R/W Sup: RTL: 6/5/2019 signal system and apply High Friction Surface Begin Con: 11/15/2019 1216000123 Con Sup: \$493 18-19 Treatment (HFST). Subtotal: \$1,450 \$1,778 Total Project Cost: \$3,228 **Program Code** 201.010 Safety Improvements Carryover Performance Measure 38 Collision(s) reduced 0P980 R/W: 12-Orange-22 In Garden Grove, at westbound onramp from PA&ED: 6/16/2017 PA&ED: Euclid Street. Overlay with open graded friction 2018-19 R6.9 Const: \$559 PS&E: \$381 Prior R/W Cert: 7/2/2018 course. 2930 R/W Sup: RTL: 8/1/2018 1216000070 Con Sup \$327 18-19 Begin Con: 4/3/2019 \$559 \$708 Subtotal: \$1,267 **Total Project Cost: Program Code** 201.010 Safety Improvements Carryover Performance Measure 17 Collision(s) reduced



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA FY **EFIS** Location/Description **Milestones Prog Year** Capital **Support** R/W: 12-Orange-22 In the cities of Orange and Santa Ana, from 0P520 \$5 PA&ED: \$591 8/7/2018 Prior PA&ED: Lewis Street Overcrossing to east of Bristol \$1,247 R9.4/R10.1 2019-20 Const: \$3,815 PS&E: 18-19 R/W Cert: 2/1/2020 Street Undercrossing; also on Route 57, from 2981 R/W Sup: 3/2/2020 RTL: PM 10.9/11.9. Replace concrete median barrier 1215000137 Begin Con: Con Sup: \$1,257 19-20 11/2/2020 and add lighting in median. \$3,820 \$3,095 Subtotal: **Total Project Cost:** \$6,915 **Program Code** 201.010 Safety Improvements Carryover Performance Measure 36 Collision(s) reduced R/W: \$500 12-Orange-39 In Huntington Beach, Westminster and Garden 0P010 \$400 PA&ED: Prior 12/5/2017 PA&ED: Grove, at the intersections of Heil Avenue (PM 5.1/8.1 2018-19 Const: \$1,570 PS&E: \$750 R/W Cert: 6/3/2019 Prior 5.14), MacDonald Street (PM 5.30) and Trask 3167 R/W Sup: \$420 6/7/2019 Prior RTL: Avenue (PM 8.14); also on Route 90 in Brea at Begin Con: 1215000022 Con Sup: \$720 18-19 12/2/2019 the intersection of Castlegate Lane/Placentia Avenue (PM 5.93). Modify existing signals and \$1,970 \$2,390 Subtotal: lighting and upgrade ADA facilities to current **Total Project Cost:** \$4,360 standards. 201.010 Safety Improvements **Program Code** Carryover **Performance Measure** 141 Collision(s) reduced 00290 \$10 PA&ED: 12-Orange-39 In the city of La Habra, at Fashion Square Lane. R/W: \$185 Prior PA&ED: 8/1/2018 19.4 Modify traffic signal and add lighting. 2018-19 Const: \$820 PS&E: \$575 18-19 R/W Cert: 5/1/2019 3279 R/W Sup: RTL: 6/1/2019 Begin Con: 1216000122 Con Sup: \$400 18-19 12/1/2019 \$830 Subtotal: \$1,160 Total Project Cost: \$1,990 **Program Code** 201.010 Safety Improvements 25 Collision(s) reduced Performance Measure Carryover In Tustin, on the 4th Street northbound off-R/W: PA&ED: 12-Orange-55 0N630 \$11 \$100 Prior PA&ED: 12/2/2017 ramp. Modify traffic signals and install 10.7 2018-19 Const: \$646 PS&E: \$427 Prior R/W Cert: 2/1/2019 additional lighting. 3510 R/W Sup: RTL: 3/1/2019 1214000073 \$318 18-19 Begin Con: 6/11/2019 Con Sup: \$657 \$845 Subtotal: **Total Project Cost:** \$1,502 **Program Code** 201.010 Safety Improvements

Carryover

11 Collision(s) reduced

Performance Measure



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY Milestones **Prog Year** Capital **Support** 12-Orange-73 R/W: PA&ED: 3/21/2017 In Laguna Beach, on southbound Route 73, 0N840 PA&ED: from Route 133 to 0.2 mile north of Route 133. 16.8/17.1 2018-19 Const: \$980 PS&E: \$637 Prior R/W Cert: 11/15/2018 Modify superelevation, install drainage inlets, 4096P R/W Sup: RTL: 12/10/2018 place OGAC and place pavement delineation. 1214000115 Begin Con: Con Sup: \$410 18-19 7/29/2019 \$1,047 \$980 Subtotal: **Total Project Cost:** \$2,027 **Program Code** 201.010 Safety Improvements Carryover Performance Measure 57 Collision(s) reduced R/W: \$500 12-Orange-73 0N860 PA&ED: Prior 3/1/2018 In Newport Beach, on the Route 73 southbound \$388 PA&ED: off-ramp to MacArthur Boulevard. Widen ramp, 2019-20 24.0 Const: \$7,347 PS&E: \$1,500 R/W Cert: 2/3/2020 Prior install traffic signal and guardrail. 4096R R/W Sup: \$130 2/28/2020 Prior RTL: 1214000123 Begin Con: Con Sup: \$1,531 19-20 12/1/2020 \$7,735 \$3,661 Subtotal: **Total Project Cost:** \$11,396 **Program Code** 201.010 Safety Improvements **Performance Measure** 82 Collision(s) reduced Carryover 12-Orange-74 Near San Juan Capistrano, from east of Antonio 0L722 R/W: \$20 PA&ED: PA&ED: 4/1/2018 2.9/5.1 Parkway/La Pata Avenue to west of Conrock 2018-19 Const: \$850 PS&E: \$400 Prior R/W Cert: 8/1/2018 entrance. Landscape and plant establishment 4124B R/W Sup: RTL: 12/30/2018 project. 1214000104 Con Sup: \$620 18-19 Begin Con: 9/1/2019 \$870 \$1,020 Subtotal: Total Project Cost: \$1,890 **Program Code** 201.010 Safety Improvements Carryover Performance Measure 8 Collision(s) reduced In the Cleveland National Forest, from 0.9 mile 0P030 R/W: PA&ED: 12-Orange-74 \$719 \$2,965 Prior PA&ED: 10/3/2018 west of San Juan Fire Station to the 11.5/16.6 2019-20 \$35,611 PS&E: \$4,826 18-19 R/W Cert: 6/1/2020 Const: Orange/Riverside County line. Super elevation 4218 R/W Sup: \$1,018 18-19 RTL: 6/2/2020 corrections, shoulder widening. Open Graded 1215000024 \$7,206 19-20 Begin Con: 1/4/2021 Con Sup: Asphalt Concrete (OGAC) overlay and apply High Friction Surface Treatment (HFST). \$16,015 Subtotal: \$36,330 **Total Project Cost:** \$52,345 **Program Code** 201.010 Safety Improvements 160 Collision(s) reduced Carryover Performance Measure



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** FY **Milestones** Capital **Support** R/W: 12-Orange-91 In Buena Park, on the 91 eastbound connector 0Q040 PA&ED: 6/16/2017 PA&ED: 2018-19 from northbound Route 39 (Beach Boulevard). R2.8 Const: \$540 PS&E: \$360 Prior R/W Cert: 7/1/2018 Overlay Hot Mix Asphalt (HMA) Open Graded 4533A R/W Sup: 10/1/2018 RTL: Friction Course (OGFC). 1216000078 \$320 Begin Con: Con Sup: 18-19 3/1/2019 \$540 \$680 Subtotal: **Total Project Cost:** \$1,220 **Program Code** 201.010 Safety Improvements 17 Collision(s) reduced Carryover Performance Measure R/W: 12-Orange-133 In Laguna Beach, at and north of Canyon Acres 0N870 \$536 PA&ED: 1/4/2016 PA&ED: Drive. Extend the northbound lane reduction 0.9/1.2 2018-19 Const: \$1,189 PS&E: \$1,100 Prior R/W Cert: 10/1/2018 transition. 4769 R/W Sup: \$150 11/1/2018 Prior RTL: 1214000124 Begin Con: Con Sup: \$789 18-19 6/19/2019 \$1,725 \$2,039 Subtotal: **Total Project Cost:** \$3,764 **Program Code** 201.010 Safety Improvements Carryover **Performance Measure** 34 Collision(s) reduced In Laguna Beach, from 1700 feet south to 1300 0N060 R/W: \$1,230 12-Orange-133 PA&ED: \$1,215 Prior PA&ED: 9/1/2017 feet north of El Toro Road. Extend lanes in both 2019-20 3.1/3.6 Const: \$6,032 PS&E: \$1,820 Prior R/W Cert: 4/3/2020 directions 4793 R/W Sup: \$550 Prior RTL: 5/22/2020 Begin Con: 1213000097 Con Sup: \$2,109 19-20 2/5/2021 \$7,262 Subtotal: \$5,694 **Total Project Cost:** \$12,956 **Program Code** 201.010 Safety Improvements 65 Collision(s) reduced Carryover Performance Measure 12-Orange-261 In Irvine, from Walnut Road to north of 0Q130 R/W: PA&ED: 6/19/2017 \$0 \$0 PA&ED: northbound Jamboree Road Overcrossing. 0.0/0.32018-19 Const: \$510 PS&E: \$412 18-19 R/W Cert: 11/1/2018 Install double thrie-beam barrier to prevent 4926F R/W Sup: \$0 RTL: 11/15/2018 cross-median collisions. 1216000091 \$320 18-19 Begin Con: 7/15/2019 Con Sup: \$510 \$732 Subtotal: **Total Project Cost:** \$1,242 **Program Code** 201.010 Safety Improvements

Performance Measure

3 Collision(s) reduced

Carryover



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA FY **EFIS** Location/Description **Prog Year** Capital **Support Milestones** 0P220 R/W: 12-Orange-405 PA&ED: \$200 8/31/2017 In Irvine and Costa Mesa, from Jamboree Road Prior PA&ED: to Route 73. Replace existing temporary railing \$1,300 6.9/10.3 2018-19 Const: \$3,170 PS&E: Prior R/W Cert: 11/15/2018 with permanent concrete barrier. 4995A R/W Sup: RTL: 12/3/2018 1215000053 Begin Con: Con Sup: \$1,200 18-19 6/11/2019 \$3,170 \$2,700 Subtotal: **Total Project Cost:** \$5,870 **Program Code** 201.010 Safety Improvements Carryover Performance Measure 8 Collision(s) reduced R/W: \$730 0N720 PA&ED: Prior 8/31/2017 12-Orange-73 In the cities of San Juan Capistrano, Laguna PA&ED: Nigel, Laguna Hills, Aliso Viejo, Laguna 10.0/28.0 2019-20 \$16,500 PS&E: \$2,600 R/W Cert: 1/15/2020 Const: Prior Beach, Irvine, Newport Beach, and Costa Mesa 4051A R/W Sup: \$58 2/5/2020 Prior RTL: from Route 5 to Route 405. Upgrade highway 1214000093 Begin Con: Con Sup: \$3,200 19-20 9/18/2020 safety features. Subtotal: \$16,500 \$6,588 **Total Project Cost:** \$23,088 **Program Code** 201.015 Collision Severity Reduction Carryover **Performance Measure** 108 Collision(s) reduced 12-Orange-133 In and near Laguna Beach and Irvine, from El 0N660 R/W: PA&ED: \$830 Prior PA&ED: 12/15/2017 3.4/13.6 Toro Road to Route 241. Flatten steep 2018-19 Const: \$9.500 PS&E: \$1,943 Prior R/W Cert: 3/15/2019 embankments, replace and upgrade guardrail 4795A R/W Sup: \$70 Prior RTL: 4/5/2019 and terminal systems, install thrie-beam median Begin Con: 1214000077 Con Sup: \$2,165 18-19 9/9/2019 barrier and replace K-rail with concrete barrier. Subtotal: \$9,500 \$5,008 Total Project Cost: \$14,508 **Program Code** 201.015 Collision Severity Reduction 63 Collision(s) reduced Carryover Performance Measure In Santa Ana, from south of 4th Street to R/W: PA&ED: \$285 12-Orange-5 0N510 Prior 4/1/2018 PA&ED: Broadway. Roadside safety improvements. 31.0/33.3 2018-19 \$1,900 PS&E: \$390 Prior R/W Cert: 2/1/2019 Const: 2841 R/W Sup: RTL: 3/1/2019 1214000054 \$325 18-19 Begin Con: 12/1/2019 Con Sup: \$1,900 \$1,000 Subtotal: **Total Project Cost:** \$2,900

Carryover

Roadside Safety Improvements/ Freeway

201.235 Maintenance Access

36 Location(s)

**Program Code** 

Performance Measure

(\$1,000)



Dist-Co-Rte COS **Post Mile** Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **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 12-Orange-5 R/W: \$0 PA&ED: \$200 18-19 12/1/2019 In Anaheim, from north of Anaheim Boulevard 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. \$1,000 \$2,000 Subtotal: **Total Project Cost:** \$3,000 Roadside Safety Improvements/ Freeway 201.235 Maintenance Access **Program Code Performance Measure** 40 Location(s) New 0P920 12-Orange-5 In Anaheim, from Santa Ana Street 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. Subtotal: \$2,000 \$1,000 \$3,000 Total Project Cost: Roadside Safety Improvements/ Freeway **Program Code** 201.235 Maintenance Access Performance Measure 40 Location(s) New In Fullerton and Buena Park, from Magnolia PA&ED: \$200 19-20 12-Orange-5 0P930 R/W: \$0 1/1/2021 PA&ED: Avenue to Stanton Avenue; also, on Route 91 41.9/43.1 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** New Performance Measure 80 Location(s)

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



Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description **Prog Year** Capital **Support** FY **Milestones** 4/1/2019 12-Orange-55 In the city of Orange, from La Veta Avenue to 0N530 R/W: 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 R/W Sup: RTL: 11/30/2019 1214000055 19-20 Begin Con: Con Sup: \$325 8/1/2020 \$1,000 \$1,900 Subtotal: **Total Project Cost: \$2,900** Roadside Safety Improvements/ Freeway 201.235 Maintenance Access **Program Code** 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 12.2/13.3 2020-21 \$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 New Performance Measure 9 Acre(s) treated/pollutant R/W: \$400 12-Orange-5 In San Juan Capistrano, from El Horno Street to 0P090 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 Carryover Performance Measure 2.5 Acre(s) treated/pollutant



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA FY **EFIS** Location/Description **Milestones Prog Year** Capital **Support** 12-Orange-57 R/W: In and near Brea, from south of Lambert Road 0Q270 \$0 PA&ED: \$887 18-19 5/1/2020 PA&ED: to Los Angeles County Line (PM R22.551). 20.8/R22.6 2021-22 Const: \$6,797 PS&E: \$1,200 19-20 R/W Cert: 2/1/2022 Construct storm water treatment Best 3846B R/W Sup: 3/1/2022 \$0 RTL: Management Practices (BMP) in the form of 1216000117 Begin Con: Con Sup: \$1,500 21-22 8/1/2022 new detention basin to reduce Trash Total Maximum Daily Load (TMDL) to the San \$6,797 \$3,587 Subtotal: Gabriel-Coyote Creek watershed. **Total Project Cost:** \$10,384 **Program Code** 201.335 Storm Water Mitigation 14.9 Acre(s) treated/pollutant New Performance Measure R/W: 12-Orange-142 In Brea, from east of Chino Hills State Park 0N730 PA&ED: \$456 10/1/2018 \$200 Prior PA&ED: entrance to east of Olinda Drive. Storm water 3.5/4.7 2019-20 \$3,400 PS&E: \$1,250 18-19 R/W Cert: 5/4/2020 Const: mitigation. 5380A R/W Sup: \$380 18-19 6/2/2020 RTL: Begin Con: 1214000095 Con Sup: \$920 19-20 2/1/2021 \$3,006 \$3,600 Subtotal: **Total Project Cost: \$6,6**06 **Program Code** 201.335 Storm Water Mitigation Performance Measure 1.74 Acre(s) treated/pollutant Carryover 12-Orange-1 In Laguna Beach, from 7th Avenue to north of 0P690 R/W: \$3,121 PA&ED: \$0 PA&ED: 11/1/2018 5.5/7.9 Moss Street. Upgrade existing curb ramps, 2020-21 Const: \$1,909 PS&E: \$3,399 18-19 R/W Cert: 9/1/2020 sidewalks, and driveways to ADA standards. 2255 R/W Sup: \$2,864 18-19 RTL: 10/1/2020 Begin Con: 1216000003 Con Sup: \$3,551 20-21 4/1/2021 \$5,030 Subtotal: \$9,814 Total Project Cost: \$14,844 **Program Code** 201.361 Americans with Disabilities Act New Curb Ramps Performance Measure 56 Curb ramp(s) New In San Juan Capistrano, from Route 5 to the San 0M090 PA&ED: \$290 12-Orange-74 R/W: \$122 Prior PA&ED: 7/3/2017 Juan Capistrano city line. Upgrade pedestrian 0.1/1.8 2018-19 \$1,620 PS&E: \$940 Prior R/W Cert: 6/3/2019 Const: facilities to meet current ADA standards. 4097C R/W Sup: \$600 Prior RTL: 6/15/2019 1200020302 \$1,128 18-19 Begin Con: 3/5/2020 Con Sup: \$1,742 \$2,958 Subtotal: **Total Project Cost:** \$4,700 201.361 Americans with Disabilities Act New Curb Ramps **Program Code** 

Performance Measure

48 Curb ramp(s)

Carryover

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





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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Caj	pital	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 ADA standards.	0M820 2019-20	R/W: Const:	\$2,100 \$8,328	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,225 \$1,825 \$2,715 \$1,600	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/5/2017 7/5/2019 7/19/2019 2/10/2020
			Subtotal: Total Proj	\$10,428 ject Cost:		\$7,365 <b>\$17,793</b>			
Carryover			Program (		201.378 In		re	ilities Act Pede	strian
· · · · · · · · · · · · · · · · · · ·	AND THE COLUMN TO THE COLUMN T					T I			
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:	6/1/2018 9/12/2019 9/12/2019 11/19/2019
			Subtotal: Total Proj	\$2,350 ject Cost:		\$2,310 \$4,660		•	
Carryover			Program (			Bridge Majo Bridge(s)	or Rehabili	itation	
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	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/25/2019 1/15/202 2/2/202 9/9/202
	Overcrossing Bridge No. 55-0247 (PM 2.20). Seismic restoration.		Subtotal: Total Proj	\$15,456 ject Cost:		\$8,719 <b>\$24,175</b>			
New			Program (			Bridge Seis Bridge(s)	mic Restor	ation	
OADWAY PRE	<u>SERVATION</u>								
12-Orange-1 4.9/5.5 2246 1216000055	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	0H150 ; 2019-20	R/W: Const:	\$65 \$7,071	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,200 \$400 \$1,739	Prior 19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/30/2005 5/1/2020 6/1/2020 1/4/2021
	Asphalt (RHMA).		Subtotal: Total Proj	\$7,136 ject Cost:		\$5,339 <b>\$12,475</b>			
			Program (	Code	201.121 P	avement R	tehabilitatio	on (CAPM)	



(\$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: 12-Orange-1 PA&ED: 1/31/2018 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 19-20 Begin Con: Con Sup: \$832 9/1/2020 \$832 \$3,473 Subtotal: **Total Project Cost:** \$4,305 201.121 Pavement Rehabilitation (CAPM) **Program Code Performance Measure** 10.8 Lane mile(s) Carryover 0P590 12-Orange-1 In Huntington Beach, from Warner Avenue to R/W: \$111 PA&ED: \$1,720 Prior PA&ED: 1/5/2019 Los Angeles County line. Upgrade ADA curb 29.9/33.7 2020-21 Const: \$8,770 PS&E: \$2,932 18-19 R/W Cert: 5/15/2021 ramps, cold plane pavement, and place 2499A R/W Sup: \$1,245 18-19 RTL: 5/30/2021 Rubberized Hot Mix Asphalt concrete (RHMA). Begin Con: 1215000149 Con Sup: \$2,358 20-21 1/30/2022 Subtotal: \$8,881 \$8,255 Total Project Cost: \$17,136 **Program Code** 201.121 Pavement Rehabilitation (CAPM) Carryover Performance Measure 14.9 Lane mile(s) In and near Brea, from Harbor Boulevard to 0P580 PA&ED: 12-Orange-90 R/W: \$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 concrete 4337 R/W Sup: \$129 18-19 RTL: 1/30/2020 (RHMA). 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** Carryover Performance Measure 11.7 Lane mile(s)



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Milestones Prog Year** 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 Lane mile(s) R/W: PA&ED: In Newport Beach, from north of Superior 0N930 \$10 \$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:** \$2,155 201.151 Drainage System Restoration **Program Code Performance Measure** 14 Culvert(s) (ea) Carryover 0P700 R/W: \$15 PA&ED: 12-Orange-5 In San Clemente, adjacent to northbound \$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 Subtotal: \$2,606 Total Project Cost: \$6,924 **Program Code** 201.151 Drainage System Restoration Carryover Performance Measure 1 Culvert(s) (ea) In Garden Grove, at Haster Street westbound 0N920 R/W: PA&ED: \$234 12-Orange-22 \$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 \$1,142 Subtotal: **Total Project Cost:** \$2,617 201.151 Drainage System Restoration **Program Code** Performance Measure 8 Culvert(s) (ea) Carryover





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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
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.	0F970 2019-20	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: RTL: Begin Con:	6/26/2017 11/1/2019 11/15/2019 7/15/2020
			Subtotal: Total Project	\$2,640 ct Cost:		\$1,929 <b>\$4,569</b>			
Carryover			Program Co			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 re-grade 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 Project Program Co		201.151 E	\$4,791 \$8,353 Orainage Sy	ystem Resto	oration	
Carryover			Performance	e Measu	re 2 C	Culvert(s) (	ea)		
MOBILITY									
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:		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:	\$37,600		\$9,200			
			Total Projec	ct Cost:		\$46,800			
			<b>D</b> C		201 210 6		<b>.</b>		
			Program Co	oae		-	Improvem		))
Carryover			Performance	e Measu	re 1153 D			) (=	
Carryover		03.4000	Performance				10.10	ı	11/1/2010
Carryover  12-Orange-133 8.5/M9.3 4846 1214000130	In Irvine, from SB 5/SB 133 Connector to SB 133/NB 405 Connector. Construct a new auxiliary lane to improve traffic flow.	0N890 2021-22	R/W:	\$253 \$14,926	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,503 \$3,224 \$652	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
12-Orange-133 8.5/M9.3 4846	133/NB 405 Connector. Construct a new		R/W: Const:	\$253 \$14,926 \$15,179	PA&ED: PS&E: R/W Sup:	\$1,503 \$3,224 \$652	19-20 19-20	R/W Cert: RTL:	9/1/2021 10/1/2021
12-Orange-133 8.5/M9.3 4846	133/NB 405 Connector. Construct a new		R/W: Const:	\$253 \$14,926 \$15,179 ct Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,503 \$3,224 \$652 \$4,544 \$9,923 <b>\$25,102</b>	19-20 19-20 21-22	R/W Cert: RTL: Begin Con:	9/1/2021 10/1/2021 3/1/2022



(\$1,000)Dist-Co-Rte COS Post Mile Allocation PPNO EA **EFIS** Location/Description FY **Prog Year** Capital **Support Milestones** 12-Orange-405 R/W: 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. 1212000052 Begin Con: 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: 19-20 Begin Con: 1217000088 Con Sup: \$1,800 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: 7/1/2018 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: 4/1/2020 43.2, also on Route 57, from PM 10.7 to PM 2859B R/W Sup: \$180 18-19 RTL: 4/10/2020 16.6, also on Route 91, from PM R2.6 to PM 1216000097 Con Sup: \$2,030 19-20 Begin Con: 1/4/2021 R4.1 and PM 0.0 to PM 7.2. Install and modify Intelligent Transportation System (ITS) Subtotal: \$8,820 \$5,563 elements. Total Project Cost: \$14,383 **Program Code** 201.315 Transportation Management Systems Carryover Performance Measure 24.8 Field element(s) In the cities of Newport Beach, Huntington PA&ED: 12-Orange-1 0P680 R/W: \$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 ADA 1216000002 20-21 Begin Con: 1/30/2022 Con Sup: \$3,537 standards and modify drainage. \$10,971 Subtotal: \$13,116 **Total Project Cost:** \$24,087 **Program Code** 201.315 Transportation Management Systems Carryover Performance Measure 20 Field element(s)





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

Orange Co	ounty
	R/W: \$37,228 PA&ED: \$27,248 onst: \$280,762 PS&E: \$71,801 R/W Sup: \$18,496 Con Sup: \$78,390
	total: \$317,990 \$195,935 al (Capital + Support): \$513,925

# 2018 SHOPP Project List Placer





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
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03-Placer-49 2.2/2.4 4785 0316000077	In Auburn, from 0.3 mile south of Lincoln Way/Borland Avenue to Lincoln Way/Borland Avenue. Realign curves.	1H240 2019-20	R/W: Const:	\$764 \$1,697	PA&ED: PS&E: R/W Sup: Con Sup:	\$732 \$1,003 \$306 \$819	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2018 4/15/2020 5/1/2020 11/1/2020
			Subtotal: Total Proje	\$2,461 ect Cost:		\$2,860 <b>\$5,321</b>			
Carryover			Program C		201.010 S re 50 C	afety Impr			
03-Placer-80 1.6/R66.5 5026 0316000008	In and near various cities, at various locations, from 0.3 mile west of Douglas Boulevard to 0.2 mile east of Hampshire Rocks Undercrossing. Upgrade guardrail to current standards.	0H720 2 2020-21	R/W: Const:	\$0 \$2,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$40 \$440 \$120 \$550	18-19 18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2019 7/15/2020 8/15/2020 3/1/2021
			Subtotal: Total Proje	\$2,600 ect Cost:	K	\$1,150 <b>\$3,750</b>			
New RIDGE PRESEI	RVATION		Program C Performan			Collision Socialision(s)	everity Red reduced	uction	
03-Placer-80 28.7/R63.5 5097 0300020615	In Placer and Nevada Counties, at various locations. Rehabilitate or replace bridges at six locations.	2F570 2019-20	R/W: Const:	\$200 \$32,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,720 \$6,350 \$485 \$6,430	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	2/15/2018 4/20/2020 5/7/2020 12/15/2020
			Subtotal: Total Proje	\$32,400 ect Cost:		\$15,985 <b>\$48,385</b>			
Carryover			Program C			bridge Maj bridge(s)	or Rehabili	tation	
OADWAY PRE	SERVATION								
03-Placer-80 25.9/28.5 5105 0314000086	Near Weimar, from west of Applegate Road to west of Weimar Cross Road. Drainage system rehabilitation.	4F250 2018-19	R/W: Const:	\$70 \$3,070	PA&ED: PS&E: R/W Sup: Con Sup:	\$220 \$430 \$140 \$610	Prior Prior Prior 18-19		10/2/2017 10/1/2018 10/11/2018 2/15/2019
			Subtotal: Total Proje	\$3,140 ect Cost:		\$1,400 <b>\$4,540</b>			
Carryover			Program C			orainage Sy	ystem Resto	oration	

# 2018 SHOPP Project List Placer



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Capital	l	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		\$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 Project (	3,320 Cost:		\$1,410 <b>\$4,730</b>			
Carryover			Program Code Performance M		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. 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
			Total Project O		201.151 D			oration	
Carryover			Performance M	Measu	re 32 C	culvert(s) (	ea)		
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		\$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: \$0 Total Project 0	6,710 C <b>ost:</b>		\$2,430 <b>\$9,140</b>			
Carryover			Program Code Performance M		201.310 O re 563 1,	•	Improventle hour(s)/		
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 Project (	1,600 C <b>ost:</b>		\$930 <b>\$2,530</b>		•	
Carryover			Program Code Performance M			ransportat	_	ement Systems	

#### 2018 SHOPP Project List Placer





		(Ψ)	1,000)					шишь
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	Milestones
ROADSIDE PRES	SERVATION .							
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	1H530 2019-20	R/W: Const:	\$64 \$1,175	PA&ED: PS&E: R/W Sup: Con Sup:	\$653 \$434 \$7 \$306	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
	wetland, riparian and to other waters.		Subtotal: Total Proj	\$1,239 ect Cost:		\$1,400 <b>\$2,639</b>		
Carryover			Program (		201.240 R re 1 L	oadside En	nhancemen	t
		Placer	County	,				
			R/W:	\$1,738	PA&ED:	\$5,914		

Const:

Subtotal:

\$55,021

\$56,759

**Total (Capital + Support):** 

PS&E: \$10,674

\$29,662

\$86,421

R/W Sup: \$1,553 Con Sup: \$11,521

# 2018 SHOPP Project List Plumas



		(Ψ	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	ւլ	Suppo		COS Allocatior FY	ı Miles	tones
COLLISION REI	DUCTION								
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:	1/21/2021
	Upgrade rock fall fence to reduce maintenance and highway worker exposure.		Subtotal: Subtotal: Subtotal Project	\$1,800 Cost:		\$1,270 <b>\$3,070</b>			
New			Program Cod		201.235 N		e Access	ovements/ Free	way
DOADWAY DDE	SEDVATION								
ROADWAY PRE 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 or Big Grizzly Creek Bridge. Rehabilitate roadway, repair or replace culverts, upgrade guardrail, upgrade bridge railing at Humbug	1H580 f 2021-22	R/W: * Const: \$8	\$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 pedestrian facilities ADA compliant.  (G13 Contingency)	n	Total Project		s	\$14,040 5 <b>102,604</b> struction S	Support phe	ase are NOT at	uthorized
New 02-Plumas-70 90.3/96.0	In Plumas and Lassen Counties near Chilcoot, from west of Summit School Drive Road to	0H760 2018-19	Program Cod Performance R/W: Const: \$2		PA&ED: PS&E:	\$1,030 \$900	Prior Prior	PA&ED: R/W Cert:	2/2/2018 2/25/2019
3599 0215000086	Route 395 (Lassen PM 0.0/3.9). Roadway rehabilitation.		Subtotal: \$2	20,598	R/W Sup: Con Sup:	\$70 \$1,440 \$3,440	Prior 18-19	RTL: Begin Con:	3/28/2019 8/27/2019
			Total Project			\$24,038			
Carryover			Program Cod Performance		201.122 R re 18 L	oadway R ane mile(s		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: S	\$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: STotal Project	\$2,815 Cost:		\$3,780 <b>\$6,595</b>			

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



Dist-Co-Rte
Post Mile
PPNO
EA
EFIS
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





		(4)	1,000)					u	utars.
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Supp		COS Allocation FY	ı Miles	tones
		Trog Tear	Cup		Бирр	011		1VIIICS	iones
08-Riverside-95 14.0/36.2 3002U 0815000107	E RESTORATION  Near Blythe, from north of Palo Verde Dam Road to the San Bernardino County line. Restore storm eroded embankments with rock slope protection and replace culverts. A previous Emergency Opening EA 08-1F800	1G000 2019-20	R/W: Const:	\$600 \$8,170	PA&ED: PS&E: R/W Sup: Con Sup:	\$926 \$901 \$63 \$2,462	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
	repaired roadway.		Subtotal: Total Proj	\$8,770 ect Cost:		\$4,352 <b>\$13,122</b>			
Carryover			Program (			ermanent l	Restoration		
COLLISION REL	DUCTION								
08-Riverside-60 16.6 3006X 0816000162	In Moreno Valley, at the Sunnymead Boulevard eastbound on-ramp. Install traffic signal.	d 1H140 2018-19	R/W: Const:	\$90 \$646	PA&ED: PS&E: R/W Sup: Con Sup:	\$397 \$546 \$99 \$566	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/2/2018 1/2/2019 2/4/2019 9/2/2019
			Subtotal: Total Proj		)	\$1,608 \$2,344 Safety Impr	ovements		
Carryover			Performan	ce Measu	re 14 (	Collision(s)	reduced		
08-Riverside-60 22.2/26.6 0045G 0800020220	Near Beaumont, from Gilman Springs Road to 1.4 miles west of Jack Rabbit Trail. Construct left and right shoulders for westbound direction	2010 17	R/W: Const:	\$250 \$25,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,000 \$1,500 \$200 \$3,700	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/2/2016 12/4/2017 1/2/2018 8/24/2018
			Subtotal: Total Proj	\$25,250 ect Cost:		\$7,400 <b>\$32,650</b>			
Carryover			Program (			Safety Impr			
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.		R/W: Const:	\$20 \$53,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,934 \$2,590 \$20 \$4,985	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 <b>\$65,149</b>			
			Program (			Safety Impr			
Carryover			Performan	ce ivieasu	1e 298 (	Collision(s)	reduced		





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppor	COS Allocati rt FY	
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: \$1, Const: \$43,	272 PS&E: R/W Sup:	\$4,900 Prior \$4,700 19-20 \$751 19-20 \$7,700 21-22	RTL: 11/19/2021
			Subtotal: \$44,9 Total Project Co		\$18,051 <b>663,028</b>	
Carryover			Program Code Performance Mo		fety Improvement	
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: S Const: \$2,	PA&ED: PS&E: R/W Sup: Con Sup:	\$600 Prior \$732 Prior \$10 Prior \$770 18-19	PA&ED: 3/2/2018 R/W Cert: 2/1/2019 RTL: 3/1/2019 Begin Con: 9/5/2019
			Subtotal: \$3,4 Total Project Co	ost:	\$2,112 \$5,112 fety Improvement	is
Carryover			Performance Mo		ollision(s) reduced	
<b>MANDATES</b>						
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: St.	\$10 PA&ED: 918 PS&E: R/W Sup: Con Sup:	\$310 Prior \$452 18-19 \$20 18-19 \$495 18-19	RTL: 6/17/2019
		)	Subtotal: \$2,5  Total Project Co		\$1,277 <b>\$4,205</b>	
			Program Code	201 335 Sta	orm Water Mitiga	tion
Carryover			Performance Mo		re(s) treated/pollu	
08-Riverside-215 R9.0/R16.0 3002A 0812000341	In Murrieta and Menifee, from Route 215 to north of Scott Road. Stabilize slopes to decrease sediment transport.	1C660 2019-20	R/W: S Const: \$7,0	080 PS&E: R/W Sup:	\$1,184 Prior \$1,795 18-19 \$20 18-19 \$1,209 19-20	RTL: 12/11/2019
			Subtotal: \$7,0		\$4,208 <b>611,298</b>	
Carryover			Program Code Performance Mo		orm Water Mitiga	





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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
08-Riverside-74 36.9/43.6 3003P 0814000256	In Hemet, from Warren Avenue to Soboba Street. Construct and upgrade pedestrian facilities to current ADA standards.	1F590 2019-20	R/W: Const:	\$30 \$2,753	PA&ED: PS&E: R/W Sup: Con Sup:	\$710 \$1,815 \$467 \$1,320	Prior Prior Prior 19-20	R/W Cert:	3/16/2020
			Subtotal: Total Proj	\$2,783 ect Cost:		\$4,312 <b>\$7,095</b>			
Carryover			Program (			Americans Curb ramp(		ilities Act New	Curb Ramps
08-Riverside-79 25.6/26.4 3002R 0814000257	In Hemet, from East Florida Avenue to East Menlo Avenue. Construct and upgrade pedestrian facilities to current ADA standards.	1F600 2019-20	R/W: Const:	\$379 \$1,117	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$900 \$670 \$600	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/10/2018 2/18/2020 3/10/2020 11/10/2020
			Subtotal: Total Proj	\$1,496 ect Cost:	(	\$2,620 <b>\$4,116</b>			
Carryover			Program (			Americans Curb ramp(		ilities Act New	Curb Ramps
08-Riverside-111 47.3/55.3 3007U 0817000230	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb ramps.	0R302 2019-20	R/W: Const:	\$2,125 \$5,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,547 \$3,339 \$2,590	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2016 6/12/2020 6/15/2020 12/14/2020
			Subtotal: Total Proj	\$7,425 ect Cost:		\$7,476 <b>\$14,901</b>			
			Program (		201.378 In	nfrastructu	re	ilities Act Pede	strian
Carryover			Performan	ice Measu	re 130 S	tructure(s)			
08-Riverside-10 27.7 3002F 0814000051	RVATION  Near Palm Springs, at Whitewater River Bridge No. 56-0004L/R. Bridge rehabilitation and scour mitigation.	e 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 Proj			\$4,906 <b>\$17,325</b>		•	
Carryover			Program (			Bridge Majo Bridge(s)	or Rehabili	tation	



DI C D						waas	
Dist-Co-Rte	COS						
Post Mile PPNO EFIS 08-Riverside-10 R92.9/R101.1 3008N 0816000177		EA		Allocation			
	Location/Description	Prog Year	Capital	Support	FY	Milestones	
	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 24 bridges.	1H200 2021-22	R/W: \$190 Const: \$10,440		32 20-21 59 20-21	PA&ED: 9/23/202 R/W Cert: 2/16/202 RTL: 3/16/202 Begin Con: 11/4/202	
			Subtotal: \$10,630 Total Project Cost:	· · · · · · · · · · · · · · · · · · ·			
New			Program Code Performance Meas	201.110 Bridge I ure 24 Bridge(		itation	
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 16 bridges.	1H190 2021-22	R/W: \$140 Const: \$7,356	· · · · · · · · · · · · · · · · · · ·	32 20-21 17 20-21	PA&ED: 9/23/202 R/W Cert: 2/16/202 RTL: 3/16/202 Begin Con: 12/12/202	
	To orages.		Subtotal: \$7,496 Total Project Cost:				
V			Program Code	201.110 Bridge I	Major Rehabil	itation	
New			Performance Meas	ure 16 Bridge(	s)		
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 18 bridges.	1H210 2021-22	R/W: \$131 Const: \$8,832	PA&ED: \$93	38 18-19 42 20-21 81 20-21	R/W Cert: 2/16/202 RTL: 3/16/202	
08-Riverside-10 R120.7/R142.7 3008P	Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and		R/W: \$131	PA&ED: \$9: PS&E: \$1,44 R/W Sup: \$28 Con Sup: \$2,7:	38 18-19 42 20-21 81 20-21 32 21-22	R/W Cert: 2/16/202 RTL: 3/16/202	
08-Riverside-10 R120.7/R142.7 3008P	Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and		R/W: \$131 Const: \$8,832 Subtotal: \$8,963	PA&ED: \$93 PS&E: \$1,44 R/W Sup: \$2,73 Con Sup: \$2,73 \$14,33	38 18-19 42 20-21 81 20-21 32 21-22 93 56	R/W Cert: 2/16/202 RTL: 3/16/202 Begin Con: 11/16/202	
08-Riverside-10 R120.7/R142.7 3008P 0816000176	Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and		R/W: \$131 Const: \$8,832 Subtotal: \$8,963 Total Project Cost:	PA&ED: \$93 PS&E: \$1,44 R/W Sup: \$2,73 Con Sup: \$2,73 \$14,33 201.110 Bridge I ure 18 Bridge(s) PA&ED: \$1,69	38 18-19 42 20-21 81 20-21 32 21-22 93 56  Major Rehabil 88) 90 18-19 95 20-21 50 20-21	R/W Cert: 2/16/202 RTL: 3/16/202 Begin Con: 11/16/202	
08-Riverside-10 R120.7/R142.7 3008P 0816000176 New 08-Riverside-74 2.9/3.2 3005Q	Ditch. Replace existing Rock Slope Protection (RSP) to prevent further scour damage and preserve the structural integrity of 18 bridges.  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).	2021-22 1G470	R/W: \$131 Const: \$8,832 Subtotal: \$8,963 Total Project Cost:  Program Code Performance Meas  R/W: \$653	PA&ED: \$93 PS&E: \$1,44 R/W Sup: \$2,73 Con Sup: \$2,73 \$14,33  201.110 Bridge I ure 18 Bridge(s PA&ED: \$1,69 PS&E: \$1,29 R/W Sup: \$13 Con Sup: \$2,30 \$5,55	38 18-19 42 20-21 81 20-21 32 21-22 93 56  Major Rehabil 88) 90 18-19 95 20-21 50 20-21 90 21-22	R/W Cert: 2/16/202 RTL: 3/16/202 Begin Con: 11/16/202  itation  PA&ED: 2/22/202 R/W Cert: 2/28/202 RTL: 3/30/202	





		(+	1,000)						
Dist- Co-Rte Post Mile					,	COS Allocation			
PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Suppo		FY	Miles	tones
08-Riverside-10 R110.5 3002L 0814000216	Near Desert Center, at Palen Ditch Bridge No. 56-0040L/R. 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 et Cost:		\$2,058 <b>\$3,914</b>			
C			Program Co			-	Replaceme	ent and Upgrad	e
Carryover			Performance	e Measu	re 520 L	inear feet		ī	
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 Creek Bridge, and Cahuilla Bridge No. 56-0490 Bridge rail replacement, replace two bridges, and extend one culvert.	1,	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:	4/2/2018 6/3/2019 8/1/2019 3/2/2020
			Subtotal: Total Project	\$6,295 et Cost:		\$6,085 <b>\$12,380</b>			
Carryover			Program Co			ridge Rail inear feet	Replaceme	ent and Upgrad	e
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	1E720 2018-19	R/W: Const:	\$30 \$1,472	PA&ED: PS&E: R/W Sup:	\$350 \$660 \$20	Prior Prior Prior	R/W Cert: RTL:	10/31/2017 6/20/2018 8/3/2018 4/30/2019
0814000087	locations. Repair bridge decks.				Con Sup:	\$660	18-19	Begin Con:	7/30/2017
0814000087	locations. Repair bridge decks.		Subtotal:	\$1,502	Con Sup:	\$660 \$1,690	18-19	Begin Con:	4/30/2017
0814000067	locations. Repair bridge decks.		Subtotal: Total Projec		Con Sup:		18-19	Begin Con:	4/30/2017
0814000067	locations. Repair bridge decks.			et Cost:	· ·	\$1,690 <b>\$3,192</b>		Begin Con:	4/30/2017
Carryover	locations. Repair bridge decks.	>	Total Projec	et Cost:	201.119 E	\$1,690 <b>\$3,192</b>			4/30/2017
Carryover		<b>&gt;</b>	Total Project	et Cost:	201.119 E	\$1,690 <b>\$3,192</b> Bridge Prev			4/30/2017
Carryover		1F142 2018-19	Total Project Program Co Performance R/W:	et Cost:	201.119 E	\$1,690 \$3,192 Bridge Preveridge(s) \$1,108 \$926 \$10			11/1/2017 2/1/2019 5/1/2019 1/15/2020
Carryover  ROADWAY PRE  08-Riverside-15 23.9/33.4 3003L	SERVATION  In and near Terra Cotta, from Nichols Road to north of Glen Ivy. Concrete pavement slab		Program Co Performance  R/W: Const: 5	\$10 \$20,772	201.119 E re 7 E PA&ED: PS&E: R/W Sup:	\$1,690 \$3,192 Bridge Preveridge(s) \$1,108 \$926 \$10	Prior Prior Prior Prior	PA&ED: R/W Cert: RTL:	11/1/2017 2/1/2019 5/1/2019





		(3	1,000)			Witare	
Dist-Co-Rte					cos		
Post Mile PPNO				Allocation			
EFIS	Location/Description	EA Prog Year	Capital	Support	FY	Milestones	
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: \$10 Const: \$24,040		30 Prior 10 Prior	PA&ED: 3/29/20 R/W Cert: 1/3/20 RTL: 3/2/20 Begin Con: 1/15/20	
			Subtotal: \$24,050  Total Project Cost:	\$6,73 <b>\$30,7</b> 8			
Carryover			Program Code Performance Measu	201.121 Paveme ure 79.8 Lane mi		ion (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: \$15,000	PA&ED: PS&E: R/W Sup: Con Sup:		PA&ED: 5/2/20 R/W Cert: 12/4/20 RTL: 1/2/20 Begin Con: 8/24/20	
			Subtotal: \$15,000 Total Project Cost:  Program Code	\$15,00 201.121 Paveme	nt Rehabilitati	ion (CAPM)	
Carryover			Performance Measu	17.6 Lane mi	le(s)		
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: \$2,209 Const: \$35,355	PA&ED: \$1,45 PS&E: \$2,80 R/W Sup: \$1,11 Con Sup: \$4,52	00 Prior 10 Prior	PA&ED: 6/28/20 R/W Cert: 12/16/20 RTL: 3/16/20 Begin Con: 1/15/20	
			Subtotal: \$37,564 Total Project Cost:	\$9,88 <b>\$47,4</b> 4			
Carryover			Program Code Performance Measu	201.121 Paveme ure 85.5 Lane mi	ion (CAPM)		
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: \$10 Const: \$8,742		50 18-19 17 18-19	PA&ED: 5/15/20 R/W Cert: 4/12/20 RTL: 5/10/20 Begin Con: 2/14/20	
	▼		Subtotal: \$8,752 Total Project Cost:	\$1,63 <b>\$10,3</b> 0			
			Total Project Cost.	4-0,0			

## 2018 SHOPP Project List Riverside



		(4)	1,000)			Wita
Dist- Co-Rte Post Mile PPNO	T. 11 15 11 11	EA	6	6	COS Allocation	
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	1C081 2021-22	R/W: \$10 * Const: \$157,000	PA&ED: \$7,000 PS&E: \$15,800 R/W Sup: \$90 * Con Sup: \$22,000	20-21 20-21	PA&ED: 8/28 R/W Cert: 4/22 RTL: 5/27 Begin Con: 1/13
	truck climbing lane. A one-lane temporary detour will be constructed in the median for traffic handling.  (G13 Contingency)		Subtotal: \$157,010  Total Project Cost: * Construction Capita	\$44,890 <b>\$201,90</b> 0	)	<u> </u>
Carryover			Program Code Performance Measu	201.122 Roadway re 52.4 Lane mile		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: \$10 * Const: \$263,010	PA&ED: \$16,900 PS&E: \$21,800 R/W Sup: \$153 * Con Sup: \$37,500	19-20 19-20	PA&ED: 6/28 R/W Cert: 4/24 RTL: 5/29 Begin Con: 1/15
	A two lane temporary detour will be constructed in the median for traffic handling.  (G13 Contingency)	I	Subtotal: \$263,020  Total Project Cost:  * Construction Capita	\$76,353 <b>\$339,37</b> 3 al and * Construction	3	ase are NOT authoriz
Carryover			Program Code Performance Measu	201.122 Roadway re 116 Lane mile		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: \$10 * Const: \$207,000	PA&ED: \$9,000 PS&E: \$21,000 R/W Sup: \$117 * Con Sup: \$29,000	20-21 20-21	PA&ED: 8/28 R/W Cert: 4/22 RTL: 5/27 Begin Con: 1/10
	(HMA-A). A two lane temporary detour will be constructed in the median for traffic handling.  (G13 Contingency)		Subtotal: \$207,010 Total Project Cost: * Construction Capito	\$59,117 <b>\$266,127</b> al and * Construction	,	ase are NOT authoriz
Carryover			Program Code Performance Measu	201.122 Roadway re 90 Lane mile		on (2R)
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: \$10 Const: \$34,890	PA&ED: \$1,014 PS&E: \$1,200 R/W Sup: \$10 Con Sup: \$5,181	Prior Prior	PA&ED: 2/1. R/W Cert: 8/1. RTL: 2/3. Begin Con: 9/1.
	*		Subtotal: \$34,900 Total Project Cost:	\$7,405 <b>\$42,30</b> 5		
Carryover			Program Code Performance Measu	201.122 Roadway re 24 Lane mile		on (2R)

## 2018 SHOPP Project List Riverside





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY		tones
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:	10/24/2017 7/30/2018 8/30/2018 5/1/2019
			Subtotal: Total Proje	\$1,092 ect Cost:		\$810 <b>\$1,902</b>			
Carryover			Program C			oadway 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 guid 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:	9/13/2017 2/1/2019 5/1/2019 12/2/2019
			Subtotal: Total Proje	\$9,079 ect Cost:	(	\$2,314 <b>\$11,393</b>			
Carryover			Program C				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:	7/2/2018 9/3/2019 3/2/2020 11/2/2020
	sheeting.		Subtotal: Total Proje	\$1,602 ect Cost:		\$610 <b>\$2,212</b>			
Carryover			Program C			igns and L	0 0	habilitation	
08-Riverside-91 7.4/15.6 3005X 0816000194	In the cities from Corona and Riverside, from Route 15/91 separator to Adams Street Overcrossing. Convert existing limited access HOV lanes to continuous access HOV lanes to allow safer ingress and egress movements for	1G192 2018-19	R/W: Const:	\$10 \$463	PA&ED: PS&E: R/W Sup: Con Sup:	\$33 \$96 \$10 \$162	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	
	HOV.		Subtotal: Total Proje	\$473		\$301 <b>\$774</b>			
Carryover			Program C			•	Improvem	nents of delay (DVH)	D)

## 2018 SHOPP Project List Riverside



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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
08-Riverside-Var 3006W 0817000074	In Riverside and San Bernardino Counties, on various routes and at various locations. Repair and replace vehicle detection equipment impacting the operations of the District TMC.	1H530 2018-19	R/W: Const:	\$10 \$4,260	PA&ED: PS&E: R/W Sup: Con Sup:	\$346 \$912 \$90 \$1,274	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/15/2018 9/14/2018 10/15/2018 6/14/2019
			Subtotal: Total Proj	\$4,270 ject Cost:		\$2,622 <b>\$6,892</b>			
Carryover			Program (			ransportat	_	ement Systems	
ROADSIDE PRES	SERVATION								
08-Riverside-10 6.0/70.0 3002Q 0814000249	In Riverside County, on Routes 10, 62, 74, 86, 86S, 111 and 95 at various locations. Advance Mitigation. Financial Contribution Only.	1F560 2018-19	R/W: Const:	\$7,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$150 \$15	Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2017 4/15/2019
			Subtotal: Total Proj	\$7,600 ject Cost:	V	\$165 <b>\$7,765</b>			
			Program	Code	201.240 R	oadside E	nhancemen	t	
Carryover			Performa	nce Measu	re 30 L	ocation(s)			
<b>MULTIPLE OBJ</b>	<b>ECTIVE</b>								
08-Riverside-74 34.3/45.1 3008L 0816000130	In and near Hemet, from Winchester Road to Fairview Avenue. Multi-objective project to rehabilitate pavement, install fiber optic/vehicle detection stations and upgrade curb ramps to meet ADA standards.	1H060 2021-22	R/W: Const:	\$1,267 \$31,282	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,000 \$5,140 \$4,530 \$4,100	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/15/2020 4/15/2022 5/16/2022 1/17/2023
			Subtotal: Total Proj	\$32,549 ject Cost:		\$16,770 <b>\$49,319</b>			
			Program (				Е ОВЈЕСТІ	VE	
New			Performa	nce Measu	re 49 C	enterline i	mile(s)		



		(.	,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı Miles	tones
COLLISION RED	LICTION								
03-Sacramento-Var 3855 0318000128	In Sacramento, Yolo, Placer, and Glenn Counties on Routes 5, 16, 45, 49, 50, 65, 80, 99, 113, and 174 at various locations. Install traffic operations elements such as queue warning systems, flashing beacons, and lighting, and	4H020 2018-19	R/W: Const:	\$55 \$2,820	PA&ED: PS&E: R/W Sup: Con Sup:	\$330 \$400 \$120 \$390	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 12/15/2018 1/1/2019 4/2/2019
	modify existing signals to new standards.		Subtotal: Total Proje	\$2,875 ect Cost:		\$1,240 <b>\$4,115</b>			
Carryover			Program C		201.010 S re 125 C	afety Imp			
03-Sacramento-12 0.4/1.0 5961 0317000167	Near Rio Vista, at Route 160. Intersection improvements.	2H640 2019-20	R/W: Const:	\$6 \$2,468	PA&ED: PS&E: R/W Sup: Con Sup:	\$310 \$560 \$100 \$1,030	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2018 11/15/2019 12/1/2019 4/5/2020
			Subtotal: Total Proje	\$2,474 ect Cost:	K	\$2,000 <b>\$4,474</b>			
Carryover			Program ( Performan		201.010 S are 26 C	afety Imp			
03-Sacramento-5 0.1/34.6 5850 0314000232	In Sacramento County, on Routes 5, 80, and 99 at various locations; also in Yolo County on Route 80 (PM 0.0/R11.7). Upgrade guard rail to current standards.	4F640 2018-19	R/W: Const:	\$15 \$2,280	PA&ED: PS&E: R/W Sup: Con Sup:	\$335 \$565 \$115 \$295	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	7/7/2017 9/1/2018 10/1/2018 5/1/2019
		) \	Subtotal: Total Proje	\$2,295 ect Cost:		\$1,310 <b>\$3,605</b>			
Carryover			Program C			Collision S	everity Red ) reduced	uction	
03-Sacramento-5 33.7 5848 0314000186	Near the city of Sacramento, at the Elkhorn Safety Roadside Rest Area (SRRA). Upgrade potable water and wastewater systems.	4F580 2018-19	R/W: Const:	\$4 \$3,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$380 \$370 \$50 \$810	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/8/2017 1/11/2019 1/18/2019 7/20/2019
			Subtotal: Total Proje	\$3,004 ect Cost:		\$1,610 <b>\$4,614</b>			
			Program (	Code	R 201.235 N			vements/ Free	way
Carryover			Performan	co Mossu	ro 1 I	ocation(s)			



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	<b>Location/Description</b>	<b>Prog Year</b>	Cap	ital	Suppo	ort	FY	Miles	tones
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 install plantings and mulch to reduce maintenance and improve highway worker	1H050 2020-21	R/W: Const:	\$10 \$4,000 \$4,010	PA&ED: PS&E: R/W Sup: Con Sup:	\$170 \$520 \$40 \$480 \$1,210	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
	safety.		Total Proj			\$5,220			
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 7/1/2021 8/1/2021 1/1/2022
	vehicle pullouts to reduce maintenance and improve highway worker safety.		Subtotal: Total Proje	\$4,010 ect Cost:		\$1,980 <b>\$5,990</b>			
New			Program (		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. Pave areas behind the gore and at narrow and	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 4/6/2021 4/6/2021 9/30/2021
	miscellaneous locations, place vegetation control, and construct maintenance vehicle pullouts to reduce maintenance and improve highway worker safety.		Subtotal: Total Proje	\$3,700 ect Cost:		\$1,880 <b>\$5,580</b>			
New			Program (		201.235 N		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 vegetation control, and construct maintenance	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
	vehicle pullouts to reduce maintenance and improve highway worker safety.		Subtotal: Total Proje	\$2,500 ect Cost:		\$1,770 <b>\$4,270</b>			



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
BRIDGE PRESER	VATION					
03-Sacramento-12 0.0/0.4 5960 0316000059	In and near Rio Vista, at the Sacramento River Bridge No. 23-0024; also, in Solano County from PM 26.3 to PM 26.4. Rehabilitate movable bridge electrical and mechanical systems and upgrade ADA facilities.	1H130 2021-22	R/W: \$100 Const: \$16,400	PA&ED: \$760 PS&E: \$2,460 R/W Sup: \$20 Con Sup: \$3,120	18-19 19-20 19-20 21-22	PA&ED: 7/1/2019 R/W Cert: 6/1/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
			Subtotal: \$16,500  Total Project Cost:	\$6,360 <b>\$22,860</b>		
New			Program Code Performance Measu	201.110 Bridge Ma	ijor Rehabilit	ation
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 No.24-0285. Widen and replace bridge deck.	er 3F070 2021-22	R/W: \$2,000 * Const: \$123,000	PA&ED: \$4,340 PS&E: \$12,000 R/W Sup: \$600 * Con Sup: \$22,000	Prior 19-20 19-20 21-22	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 2/15/2022
	(G13 Contingency)		Subtotal: \$125,000  Total Project Cost: * Construction Capit		Support pha	se are NOT authorized
			Program Code	201.110 Bridge Ma	ijor Rehabilit	ation
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	R/W: \$5 Const: \$4,560	PA&ED: \$210	Prior Prior Prior 19-20	PA&ED: 2/1/2018 R/W Cert: 7/1/2019 RTL: 7/1/2019 Begin Con: 1/15/2020
			Subtotal: \$4,565 Total Project Cost:	\$1,278 <b>\$5,843</b>		
Carryover			Program Code Performance Measu	201.110 Bridge Ma	ijor Rehabilit	ation
03-Sacramento-99 4.9 6916 0313000136	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.	3F540 2018-19	R/W: \$500 Const: \$20,270	PA&ED: \$872 PS&E: \$2,000 R/W Sup: \$50 Con Sup: \$3,100		PA&ED: 10/1/2017 R/W Cert: 3/15/2019 RTL: 4/1/2019 Begin Con: 7/17/2019
	24-0001L. Scour mitigation and bridge replacement.		Subtotal: \$20,770 <b>Total Project Cost:</b>	\$6,022 <b>\$26,792</b>		
Carryover			Program Code Performance Measu	201.111 Bridge Scoure 4 Bridge(s)	our Mitigation	n



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Dist-Co-Rte Post Mile PPNO		EA			COS Allocation	
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones
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: \$1,30 PS&E: \$3,00 R/W Sup: \$50 Con Sup: \$4,30	0 19-20 0 19-20	PA&ED: 10/1/20 R/W Cert: 1/3/20: RTL: 1/15/20: Begin Con: 5/15/20:
	Route 51/244, 80 Connector No. 24-0293R (PM 8.2 to 8.6). Upgrade bridge rails at 4 structures and widen for standard shoulders.		Subtotal: \$20,110  Total Project Cost:	\$9,10 <b>\$29,21</b>		
New			Program Code Performance Measu	201.112 Bridge R re 4413 Linear fe	•	ent and Upgrade
03-Sacramento-99	In and near Elk Grove, from 0.3 mile south of	0F280	R/W: \$6,000	PA&ED: \$1,70	0 Prior	PA&ED: 7/1/20
7.1/9.4	Dillard Road Overcrossing to south of Grant	2019-20	* Const: \$113,000	PS&E: \$3,50	0 Prior	R/W Cert: 4/1/202
6912	Line Road (replace Consumnes River Bridge No. 24-0020L/R, and Consumnes River			R/W Sup: \$60		RTL: 5/1/202
0312000069	Overflow Bridge No. 24-0021L/R; upgrade			* Con Sup: \$14,20	0 19-20	Begin Con: 10/15/202
	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 Capita	\$20,00 \$139,00 al and * Construction	0	ase are NOT authorized
Carryover	(G13 Contingency)		Program Code Performance Measu	201.112 Bridge R re 3178 Linear fe	•	ent and Upgrade
03-Sacramento-99	In the city of Sacramento, at Southbound Route	4F100	R/W:	PA&ED: \$32	1 Prior	PA&ED: 4/1/20
R32.1	99/5 Connector Overcrossing No. 24-0241F;	2019-20	Const: \$1,900	PS&E: \$75		R/W Cert: 11/1/20
6707	also, on Route 80 at Longview Ramp Overcrossing No. 24-0281K (PM M9.15).			R/W Sup: \$1		RTL: 12/15/20
0314000024	Seismic retrofit two structures.			Con Sup: \$69	1 19-20	Begin Con: 6/1/202
			Subtotal: \$1,900	\$1,78	9	
			Total Project Cost:	\$3,68	9	
			Program Code	201.113 Bridge S	eismic Restor	ration
Carryover			Performance Measu	•		
03-Sacramento-50	In the city of Sacramento, from the Sacramento	1H100	R/W: \$20	PA&ED: \$35	0 18-19	PA&ED: 7/1/20
L0.0/L0.5	River Viaduct (Pioneer Bridge) to 4th Street;	2020-21	Const: \$16,700	PS&E: \$94		R/W Cert: 2/1/200
6247	also, on Route 5 from 0.2 mile south of			R/W Sup: \$1	0 19-20	RTL: 2/1/202
0316000056	Broadway to S Street (PM 22.15 to 22.91). Clean and paint steel bridge girders within			Con Sup: \$3,01	0 20-21	Begin Con: 9/1/202
	Route 5/50 interchange.		Subtotal: \$16,720	\$4,31	0	
			<b>Total Project Cost:</b>	\$21,03		
						· · ·
			Program Codo	201 110 Bridge D		laintenance
New			Program Code Performance Measu	201.119 Bridge P re 11 Bridge(s		laintenance



		(\$	1,000)			Caltrans*
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	. Capital	Support	COS Allocation FY	ı Milestones
03-Sacramento-5 22.1/26.7 5868 0317000340	In the city of Sacramento, from 0.5 mile south of Route 50 to Route 80 at South Connector Undercrossing No. 24-0267 (PM 22.42) and at American River Viaduct No. 24-0068L/R (PM 24.82). Improve to standard truck capacity.	3H390 2021-22	* R/W: \$3,110 * Const: \$176,700	PA&ED: \$16,780 * PS&E: \$19,340 * R/W Sup: \$2,910 * Con Sup: \$28,390	Prior 21-22 21-22 21-22	PA&ED: 12/1/2019 R/W Cert: 11/1/2021 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 <b>\$247,230</b> &E, * R/W Sup, * Con	Sup phase(	(s) are NOT authorized
Carryover			Program Code Performance Measu	201.322 Trans Pern re 3 Bridge(s)	nit Requiren	nents for Bridges
OADWAY PRES	SERVATION					
03-Sacramento-50 L0.6/R5.3 6177	In the city of Sacramento, from Route 5 to Watt Avenue. Roadway rehabilitation.	0H080 2019-20	R/W: \$3,900 * Const: \$216,000	PA&ED: \$7,800 PS&E: \$17,000 R/W Sup: \$1,800	Prior 19-20 Prior	PA&ED: 12/1/2018 R/W Cert: 2/3/2020 RTL: 2/14/2020
0315000074	(G13 Contingency)			* Con Sup: \$31,800	19-20	Begin Con: 8/1/2020
Carryover			* Construction Capital  * Construction Capital  Program Code  Performance Measu	al and * Construction 201.120 Roadway F	Rehabilitatio	ase are NOT authorized on (3R)
03-Sacramento-80 M1.2/R11.3 6711 0315000197	In and near the city of Sacramento, from west o West El Camino Avenue to east of Route 244. Pavement rehabilitation.	f 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 <b>\$14,305</b>		
Carryover			Program Code Performance Measu	201.121 Pavement lare .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.	1H190 2021-22	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 <b>\$18,230</b>		
Carryover			Program Code Performance Measu	201.121 Pavement lare 35.6 Lane mile(		on (CAPM)



		(3	1,000)						atars •
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Supp		COS Allocation FY		stones
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. Boulevard (PM 11.9/21.5). Pavement	0H480 2018-19	R/W:	\$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:	
	rehabilitation.		Subtotal: Total Proje	\$38,782 ect Cost:		\$6,230 <b>\$45,012</b>			
Carryover			Program C			Pavement R		on (CAPM)	
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	18-19 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 Proje	\$3,086	K	\$844 <b>\$3,930</b>			
Carryover			Program C		201.310 C	•	•	nents of delay (DVH	וח
03-Sacramento-50 R3.5 6242 0315000211	In the city of Sacramento, at Hornet Drive eastbound offramp. Widen ramp, add signal and right-turn lane.	0H580 2018-19	R/W: Const:	\$130 \$1,300	PA&ED: PS&E: R/W Sup: Con Sup:	\$250 \$450 \$130 \$460	18-19 Prior Prior 18-19	•	12/10/2016 10/1/2018
			Subtotal: Total Proje	\$1,430 ect Cost:		\$1,290 <b>\$2,720</b>			
Carryover			Program C				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 Proje	\$7,400 ect Cost:		\$2,098 <b>\$9,498</b>			
New			Program C				I Improvem	nents of delay (DVH	D)



Dist-Co-Rte							cos			
Post Mile PPNO		EA			Allocation					
EFIS	Location/Description	Prog Year	Сар	ital	Suppo		FY	Miles	tones	
03-Sacramento-5 6411 0317000009	In the city of Sacramento, at various locations and routes at the Route 5/99 interchange Connector ramps and the eastbound Route 51/160 interchange Connector ramp. Install connector ramp meters.	1H850 2020-21	R/W: Const:	\$20 \$3,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$320 \$660 \$20 \$1,020	Prior 18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/1/201 7/1/202 8/1/202 1/1/202	
	tometer tamp meets.		Subtotal: Total Proje	\$3,020 ect Cost:		\$2,020 <b>\$5,040</b>				
Carryover			Program C			ransportat	-	ement 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	
			Subtotal: Total Proje	\$1,418 ect Cost:		\$926 <b>\$2,344</b>				
			Program C	ode	201.315 T	`ransportat	ion Manag	ement Systems		
Carryover			Program C			ransportat	-	ement Systems		
Carryover  03-Sacramento-5 9.7/22.7 5846 0314000164	In Sacramento, from 1.1 miles south of Elk Grove Boulevard to Route 50. Install fiber optic cable.	4F450 2 2018-19				\$540 \$900 \$440	-	PA&ED: R/W Cert: RTL: Begin Con:	6/23/201 4/24/201 6/30/201	
03-Sacramento-5 9.7/22.7 5846	Grove Boulevard to Route 50. Install fiber option		Performan R/W:	\$600 \$6,600 \$7,200	PA&ED: PS&E: R/W Sup:	\$540 \$900 \$440	Prior Prior Prior Prior	PA&ED: R/W Cert: RTL:	6/23/201 4/24/201 6/30/201	
03-Sacramento-5 9.7/22.7 5846	Grove Boulevard to Route 50. Install fiber option		R/W: Const:	\$600 \$6,600 \$7,200 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$540 \$900 \$440 \$1,500 \$3,380 \$10,580	nt(s)  Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL:	6/23/201 4/24/201 6/30/201	
03-Sacramento-5 9.7/22.7 5846 0314000164	In and near the cities of Sacramento, Rancho Cordova, and Folsom, from Yolo County line to Folsom Boulevard; also, in Yolo County in West Sacramento, from Route 80 to Sacramento.	3H330 2020-21	R/W: Const: Subtotal: Total Proje	\$600 \$6,600 \$7,200 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$540 \$900 \$440 \$1,500 \$3,380 \$10,580	nt(s)  Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/23/201 4/24/201 6/30/201 6/30/201 3/1/201 9/15/202 10/1/202 4/1/202	
03-Sacramento-5 9.7/22.7 5846 0314000164 <i>Carryover</i> 03-Sacramento-50 L0.0/17.5 6250	In and near the cities of Sacramento, Rancho Cordova, and Folsom, from Yolo County line to Folsom Boulevard; also, in Yolo County in	3H330 2020-21	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$600 \$6,600 \$7,200 ect Cost: Code ce Measu \$200 \$38,400	PA&ED: PS&E: R/W Sup: Con Sup:  201.315 Tre 13 M  PA&ED: PS&E: R/W Sup:	\$540 \$900 \$440 \$1,500 \$3,380 \$10,580 Fransportat file(s) of c \$940 \$2,700 \$520	prior Prior Prior 18-19 ion Managable 18-19 18-19	PA&ED: R/W Cert: Begin Con:  PA&ED: R/W Cert: RTL:	6/23/201 4/24/201 6/30/201 6/30/201 3/1/201 9/15/202 10/1/202	



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Dist-Co-Rte Post Mile		T.A				4	COS Allocation	1	
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY		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	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
			Subtotal: Total Proje	\$4,671 ect Cost:		\$2,350 <b>\$7,021</b>			
Carryover			Program C			ransportat	•	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 Program C	C	201.315 T	\$692 <b>\$1,629</b> Transportat	ion Manag	ement Systems	
Carryover			Performan	ce Measu	<b>re</b> 300 F	ield eleme	ent(s)		
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:	\$300	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 <b>\$16,750</b>			
Carryover			Program C Performan		201.315 T re 18.4 N	•		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
	maan noor opiic caoic.		Subtotal: Total Proje	\$9,100 ect Cost:		\$3,050 <b>\$12,150</b>			
Carryover			Program C			ransportat		ement Systems	





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Support		COS Allocation FY	ı Milesi	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.	0H530 2018-19	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
	·		Subtotal: Total Proj	\$3,750 ect Cost:		\$1,790 <b>\$5,540</b>			
Carryover			Program (		201.321 W	eigh Stati	ons		
ROADSIDE PRES	ERVATION								
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:	K	\$1,260 <b>\$3,770</b>			
New			Program ( Performan		201.210 H re 16 A	ighway Pl cre(s)	anting Rest	toration	

Sacramento County	
R/W: \$17,25 Const: \$890,68	55 PA&ED: \$43,761 82 PS&E: \$79,928 R/W Sup: \$9,172 Con Sup: \$140,143
Subtotal: \$907,93	\$273,004
Total (Capital + Su	upport): \$1,180,941

#### 2018 SHOPP Project List San Benito



						COS		
Co-Rte t Mile PNO EA FIS Location/Description Prog Year Capital				Suppo		Allocation FY	on Milestones	
<u>UCTION</u>								
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	R/W Cert: RTL:	2/19/202 4/6/202
			-		\$4,788 <b>\$9,416</b>			
		Ü			4			
					, , , , , , , , , , , , , , , , , , ,	- Caucou		
Sar	n Benito	County						
		R/W:	\$363	PA&ED:	\$1,181			
		Const:	\$4,265	PS&E: R/W Sup:	\$1,756 \$345			
				Con Sup:	\$1,506			
		Subtotal:	\$4,628		\$4,788			
	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.	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez 2019-20 Road to 2.4 miles south of Route 146. Improve curve and flatten slope.	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez 2019-20 Const:  Road to 2.4 miles south of Route 146. Improve curve and flatten slope.  Subtotal:  Total Project  Program Cooperformance  San Benito County  R/W:  Const:	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez 2019-20 Const: \$4,265 Road to 2.4 miles south of Route 146. Improve curve and flatten slope.  Subtotal: \$4,628 Total Project Cost:  Program Code Performance Measure  San Benito County  R/W: \$363 Const: \$4,265	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.    Program Code Performance Measure   Program Code   Progr	Near Pinnacles National Park, from 0.7 miles   1H810   R/W: \$363   PA&ED: \$1,181   Near Pinnacles National Park, from 0.7 miles   2019-20   Const: \$4,265   PS&E: \$1,756   R/W Sup: \$345   Con Sup: \$1,506   Subtotal: \$4,628   S4,788   Total Project Cost: \$9,416   Total Project Cost: \$9,416   Total Project Cost: \$1,181   Const: \$4,628   S4,788   Con Sup: \$1,506   Subtotal: \$4,628   S4,788   S4,788   S4,788   S4,788   S64,788   S64,78	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez north of San Benito Route 146. Improve curve and flatten slope.	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez north n



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	Miles	tones
MAJOR DAMAGI	ERESTORATION								
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
	THC.		Subtotal: Total Proje	\$2,156 ect Cost:		\$1,344 <b>\$3,500</b>			
Carryover			Program (			Permanent	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	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2018
			Subtotal: Total Proje	\$1,071 ect Cost:	K	\$1,330 <b>\$2,401</b>			
			Program (				Restoration		
Carryover			Performan	ic <mark>e M</mark> easu	ire 11	Location(s)	)		
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 750 yards from the southbound 1-15 outside		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
	shoulder.		Subtotal: Total Proje	\$1,819 ect Cost:		\$2,182 <b>\$4,001</b>			
Carryover			Program (			Permanent	Restoration		
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		1/4/2019 11/22/2019 12/27/2019 7/10/2020
			Subtotal: Total Proje	\$6,961 ect Cost:		\$2,165 <b>\$9,126</b>			
Carryover			Program (				Restoration		
			Performan	ice Measu	ire I L	ocation(s)	)		



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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Сар	ital	Supp	ort	FY	Miles	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 A previous Emergency Opening EA 08-1F660 repaired roadway.	1G010 2019-20 n.	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
			Subtotal: Total Proje	\$8,542 ect Cost:		\$4,197 <b>\$12,739</b>			
Carryover			Program C			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:	\$713 \$1,080 \$93 \$1,376	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje	\$2,355 ect Cost:	(	\$3,262 \$5,617			
Carryover			Program C Performan			Permanent Location(s)	Restoration		
COLLISION REDI	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 Proje	\$5,971 ect Cost:		\$3,600 <b>\$9,571</b>			
			Program C	Code	201.010 S	Safety Impi	ovements		
Carryover			Performan			Collision(s)			
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 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
			Subtotal: Total Proje	\$851 ect Cost:		\$1,515 <b>\$2,366</b>			
Carryover			Program (		201.010 S re 13 C	Safety Impr Collision(s)			



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Dist- Co-Rte Post Mile PPNO		EA				,	COS Allocation		
EFIS	Location/Description	Prog Year	Capi	ital	Suppo		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: RTL: Begin Con:	2/8/2018 10/30/2018 11/30/2018 5/30/2019
			Subtotal: Total Proje	\$1,400 ect Cost:		\$1,830 <b>\$3,230</b>			
Carryover			Program C		201.010 S re 57 C	afety Impi Collision(s)			
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 ect Cost:	(	\$4,661 <b>\$11,119</b>			
Carryover			Program C Performan		201.010 S re 123 C	afety Impi 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 ect Cost:		\$1,930 <b>\$3,893</b>			
Carryover			Program C Performan		201.010 S re 65 C	afety Impi 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. Re-grade 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	\$15,068 ect Cost:		\$5,020 <b>\$20,088</b>			
Carryover			Program C			Collision Se	everity Red reduced	uction	



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Dist-Co-Rte					COS	
Post Mile PPNO		EA			Allocatio	n
EFIS	Location/Description	Prog Year	Capital	Suppor		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		,075 PA&ED: : ,488 PS&E: : R/W Sup:	\$3,200 18-19 \$1,900 20-21 \$300 20-21 \$3,300 21-22	PA&ED: 11/30/2020 R/W Cert: 1/31/2022 RTL: 2/28/2022 Begin Con: 11/30/2022
			Subtotal: \$30, Total Project Co		\$8,700 <b>39,263</b>	
New			Program Code Performance M		llision Severity Red llision(s) reduced	luction
08-San Bernardino-40 R75.0/R100.0 3001R 0812000025	Near Essex, from west of Kelbaker Road to Essex Road. Re-grade and flatten median cross slope.	0R150 2018-19	R/W: \$5, Const: \$21,	,178 PS&E: R/W Sup:	\$3,000 Prior \$2,500 18-19 \$200 18-19 \$3,200 18-19	PA&ED: 8/31/2018 R/W Cert: 4/30/2019 RTL: 5/31/2019 Begin Con: 1/31/2020
			Subtotal: \$26, Total Project Co		\$8,900 <b>35,088</b>	
Carryover			Program Code Performance M		llision Severity Red llision(s) reduced	duction
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, Const: \$25,	,500 PS&E: R/W Sup:	\$3,300 18-19 \$2,500 19-20 \$300 19-20 \$3,500 20-21	PA&ED: 3/31/2020 R/W Cert: 3/31/2021 RTL: 4/30/2021 Begin Con: 11/30/2021
			Subtotal: \$30, Total Project Co		\$9,600 <b>40,106</b>	
New			Program Code Performance M		llision Severity Red llision(s) reduced	duction
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 1 2019-20	R/W: \$5, Const: \$19,	,134 PS&E: R/W Sup:	\$2,900 Prior \$2,300 18-19 \$200 18-19 \$2,800 19-20	PA&ED: 11/30/2018 R/W Cert: 1/31/2020 RTL: 2/28/2020 Begin Con: 11/30/2020
	•		Subtotal: \$24, Total Project Co		\$8,200 <b>32,340</b>	
Carryover			Program Code Performance M		llision Severity Red llision(s) reduced	luction



		(4)	1,000)						aurans*
Dist- Co-Rte Post Mile PPNO	Landa (Baratata)	EA	G.	24.1	6		COS Allocation		4
EFIS	Location/Description	<b>Prog Year</b>	Cap	oital	Suppo	ort	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.		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 Proje	\$7,387 ect Cost:		\$1,935 <b>\$9,322</b>			
Carryover			Program (		201.235 N		e Access	ovements/ 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.		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 Proje	\$1,906 ect Cost:		\$1,180 \$3,086	ofaty Impro	ovements/ Free	way
Carryover			Program C Performan		201.235 N		e Access	overnems/ Free	way
<b>MANDATES</b>									
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 Proje	\$726		\$336 <b>\$1,062</b>			
Carryover			Program (		201.335 S re 27 A		er Mitigatio		
BRIDGE PRESERY	VATION								
08-San Bernardino-215 2.4/3.0 3002S 0815000034	In Colton, from 0.3 mile south to 0.3 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 Proje	\$21,597 ect Cost:		\$6,081 <b>\$27,678</b>			
Carryover			Program C		201.110 E	Bridge Majo Bridge(s)	or Rehabili	tation	





		(4	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	ı	Suppo		COS Allocation FY	ı 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 RSP limits.	e 1G830 2021-22	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 Project	9,682 <b>Cost:</b>		\$5,889 <b>\$15,571</b>			
New			Program Code Performance			Bridge Sco Bridge(s)	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 3	1G280 - 2021-22	R/W: Const: \$	\$62 2,639	PA&ED: PS&E: R/W Sup: Con Sup:	\$320 \$780 \$100 \$690	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
	bridges.		Subtotal: \$ Total Project	2,701 Cost:	(	\$1,890 <b>\$4,591</b>			
New			Program Code Performance			Bridge Pres Bridge(s)	ventative M	aintenance	
08-San Bernardino-10 11.6/R22.4 3009R 0817000240	In San Bernardino County, at the Etiwanda San Sevain FCC Br. No. 54-0454L, Colton Overhead No. 54-0464R; also on Route 60 at Ramona Avenue Overcrossing No. 54-0745 (PM R1.37). In Riverside County, on Route 10	1J210 2020-21			PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$5,822 \$6,370 \$350 \$8,000	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	12/11/2019 2/12/2021 3/10/2021 1/5/2022
	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		Subtotal: \$6 Total Project ( * Const, * R/W		&E, * R/W S	\$20,542 <b>\$82,442</b> Sup, * Con	Sup phase(	(s) are NOT au	thorized
	load-carrying capacity standards.		Program Code	e	201.322 T	rans Perm	nit Requiren	nents for Bridg	es
Carryover	ACCELERATED BRIDGE (PA&ED Only)		Performance !	Measu	re 6 E	Bridge(s)			
ROADWAY PRES 08-San Bernardino-15 64.6/75.3 3003V 0815000242	ERVATION  In Barstow, from Outlet Center Drive to Mojave River Bridge. Rehabilitate pavement.	e 0K123 2019-20	R/W: Const: \$2	\$10 6,798	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: \$2 Total Project	6,808 Cost:		\$3,910 <b>\$30,718</b>			
Carryover			Program Code Performance			avement I	Rehabilitations)	on (CAPM)	



		,	1,000)			шишв
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	n Milestones
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 concrete (RHMA).	1G520 2020-21	R/W: \$6. Const: \$16,44.		19-20 19-20	PA&ED: 7/15/2019 R/W Cert: 11/16/2020 RTL: 2/16/2021 Begin Con: 10/15/2021
			Subtotal: \$16,50 Total Project Cost			
New			Program Code Performance Meas	201.121 Pavement sure 37.8 Lane mile		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: \$6. Const: \$11,31		18-19 18-19	PA&ED: 5/4/2018 R/W Cert: 1/7/2020 RTL: 2/21/2020 Begin Con: 10/26/2020
			Subtotal: \$11,379 Total Project Cost			
Carryover			Program Code Performance Meas	201.121 Pavement sure 42.4 Lane mile		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: \$6. Const: \$9,56		18-19 18-19	PA&ED: 5/4/2018 R/W Cert: 1/7/2020 RTL: 2/21/2020 Begin Con: 10/26/2020
			Subtotal: \$9,632 Total Project Cost	· · · · · · · · · · · · · · · · · · ·		
Carryover			Program Code Performance Meas	201.121 Pavement sure 47.8 Lane mile		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: \$6: Const: \$4,38		18-19 18-19	PA&ED: 5/4/2018 R/W Cert: 1/7/2020 RTL: 2/21/2020 Begin Con: 10/26/2020
	<b>~</b>		Subtotal: \$4,45 Total Project Cost			
Carryover			Program Code Performance Meas	201.121 Pavement sure 32 Lane mile		on (CAPM)



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Dist- Co-Rte Post Mile PPNO		EA				A	COS Allocation	1	
EFIS	Location/Description	Prog Year	Capita	ıl	Suppo	ort	FY	Miles	tones
08-San Bernardino-15 12.8/14.8 3003T 0815000245	In and near Fontana and Rialto, from Sierra Avenue to Glen Helen Parkway. Rehabilitate roadway.	0K121 2019-20	R/W: Const: \$.	\$10 26,073	PA&ED: PS&E: R/W Sup: Con Sup:	\$570 \$900 \$10 \$2,850	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	1/10/2018 9/9/2019 12/2/2019 8/3/2020
			Subtotal: \$.  Total Project	26,083 Cost:		\$4,330 <b>\$30,413</b>			
Carryover			Program Coo		201.122 R re 16 L	oadway Ro		on (2R)	
08-San Bernardino-15 30.8/42.5 3003U 0815000244	In Hesperia and Victorville, from Route 395 to north of Mojave Drive. Rehabilitate roadway. (G13 Contingency)	0K122 2019-20	R/W: * Const: \$1	,	PA&ED: PS&E: R/W Sup: * Con Sup:	\$900 \$1,500 \$10 \$11,700	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 11/4/2019 2/3/2020 10/29/2020
Carryover			Subtotal: \$1 Total Project * Construction  Program Coo Performance	Cost: n Capita	\$ and * Con. 201.122 R		ehabilitatio	ase are NOT as	uthorized
08-San Bernardino-330 37.1/39.8 3002H 0814000103	Near Smiley Park, from 6.9 miles south of Running Spring to 3.4 miles east of Fork City Creek Bridge. Construct rockfall barrier to stabilize hillside slopes.	1E780 2018-19	R/W: Const:	\$30 \$2,955	PA&ED: PS&E: R/W Sup: Con Sup:	\$370 \$400 \$20 \$600	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/15/2018 11/1/2018 12/3/2018 6/17/2019
			Subtotal: Total Project	\$2,985 Cost:		\$1,390 <b>\$4,375</b>			
Carryover			Program Coo		201.150 R re 2 L	oadway Procation(s)	rotective B	etterments	
08-San Bernardino-18 T8.0/R17.8 0184C 0815000184	In and near Arrowhead, from 48th Street to Route 138. Repair, reline and replace culverts.	0G691 2021-22	R/W: Const:	\$385 \$7,185	PA&ED: PS&E: R/W Sup: Con Sup:	\$742 \$1,090 \$1,240 \$1,059	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 2/15/2022 5/2/2022 1/17/2023
	•		Subtotal: Total Project	\$7,570 Cost:		\$4,131 <b>\$11,701</b>		•	
Carryover			Program Coo		201.151 D re 63 C	rainage Sy ulvert(s) (c		oration	



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Dist- Co-Rte Post Mile						,	COS Allocation	,	
PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		FY		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 2021-22	R/W: Const:	\$700 \$4,107	PA&ED: \$1,19 PS&E: \$1,49 R/W Sup: \$2,70 Con Sup: \$1,41		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 Proje	\$4,807 ect Cost:		\$6,810 <b>\$11,617</b>			
New			Program C		201.151 E re 41 C	Orainage Sy Culvert(s) (		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 Proje	\$3,094 ect Cost:	(	\$4,340 <b>\$7,434</b>			
Carryover			Program C		201.151 E re 43 C	Orainage Sy Culvert(s) (		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 Proje	\$1,281 ect Cost:		\$676 <b>\$1,957</b>			
Carryover			Program C Performan			igns and L	ighting 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 Proje	\$2,079 ect Cost:		\$1,572 <b>\$3,651</b>		•	
Carryover			Program C			-	ighting Re	habilitation	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	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:	\$4,170 \$20	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: Total Proj	\$21,665 ect Cost:		\$13,997 <b>\$35,662</b>			
Carryover			Program (				al Improvem	ents 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 VDS pole, CMS, CCTV, Data Node Cabinet and Fiber Optic elements.	38423 2018-19	R/W: Const:	\$10 \$7,654	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$1,000 \$10 \$1,600	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
			Subtotal: Total Proj	\$7,664 ect Cost:	K	\$2,910 <b>\$10,574</b>			
			Program (	Code	201.315 7	Fransporta	tion Manage	ement Systems	
Carryover			Performan			ield elem	·		
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 elements, and install Closed Circuit Television	0G790 2019-20	R/W: Const:	\$99 \$11,167 \$11,266	PA&ED: PS&E: R/W Sup: Con Sup:	\$113	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
	Cameras (CCTV) for the Traffic Management System (TMS).		Total Proj	Code		-	_	ement Systems	
Carryover			Performan	ice Measu	re 31 F	Field elem	ent(s)		
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 Route 15 at Route 210/15 Separation. Install Transportation Management System elements.	1G210 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	PA&ED: R/W Cert: RTL: Begin Con:	10/27/2017 2/26/2019 3/15/2019 10/15/2019
			Subtotal: Total Proj	\$2,711 ect Cost:		\$985 <b>\$3,696</b>			
Carryover			Program (			Transporta	•	ement Systems	



		(4)	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Caj	pital	Supp		COS Allocation FY	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 VDS, CMS, CCTV and Fiber	47642 2019-20	R/W: Const:	\$10 \$9,238	PA&ED: PS&E: R/W Sup: Con Sup:	\$376 \$842 \$37 \$1,930	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
	Optic elements.		Subtotal: Total Proj	\$9,248 ject Cost:		\$3,185 <b>\$12,433</b>			
Carryover			Program (	Code nce Measu		ransportat	_	ment 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 Proj	\$2,147 ject Cost:	(	\$1,599 <b>\$3,746</b>			
New			Program Performa	Code nce Measu	201.321 V re 1 L	Weigh Stat			
ROADSIDE PRESI	ERVATION								
08-San Bernardino-40 R105.3/R105.6 0206L 0814000132	Near Needles, west of Goffs Road at John Wilkie Safety Roadside Rest Area. Reconstruct safety roadside rest areas.	0G860 t 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 Proj	\$5,350 ject Cost:		\$5,650 <b>\$11,000</b>			
Carryover			Program (	Code nce Measu		Safety Roa		rea Restoratio	on
FACILITIES  08-San Bernardino-15	In Fontana, near the southeast quadrant of Route	e 0R420	R/W:	\$10	PA&ED:	\$1,500	18-19	DA 6 ED	7/15/2019
3005R 0812000076	15/210 Interchange. Construct new maintenance facility (L5758) adjacent to the Southern Regional Laboratory.	2021-22	Const:	\$19,800	PS&E: R/W Sup: Con Sup:	\$0 \$10	19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	8/15/2021 9/5/2021 5/10/2022
			Subtotal: Total Proj	\$19,810 ject Cost:		\$5,110 <b>\$24,920</b>			
			Program (				ce Facilities		



Street. Reconstruct maintenance station.   R/W Sup: \$42   Prior   RTL: 3/2			(D.	1,000)						atars*		
Maintenance Station (L5726) at 175 Cluster   Street. Reconstruct maintenance station.   2018-19   Const.   \$6,670   PS&E.   \$1,248   Prior   R/W Cert.   27/2   R/W Sup.   \$42   Prior   RTL.   37/2   R/W Sup.   \$42   Prior   RTL.   37/2   R/W Sup.   \$43   Prior   RTL.   37/2   R/W Sup.   \$44   Prior   RTL.   37/2   R/W Sup.   \$45   R/W Sup.	Post Mile PPNO	Location/Description		Сар	oital	Suppo		Allocation		lilestones		
Total Project Cost: \$10,622  Program Code 201.352 Maintenance Facilities Performance Measure 1 Location(s)  MULTIPLE OBJECTIVE  08-San Bernardino-15 At Clyde V. Kane northbound (NB) and 1H660 R/W: \$10 PA&ED: \$259 Prior PA&ED: 6/N PAWED: \$10 P	3001P	Maintenance Station (L5726) at 175 Cluster				PS&E: R/W Sup:	\$1,248 \$42	Prior Prior	R/W Cert: RTL:	2/28/2019 3/28/2019		
MULTIPLE OBJECTIVE  08-San Bernardino-15 At Clyde V. Kane northbound (NB) and R107.4 southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 27/1 3007E (SRRA); also at Valley Wells NB and SB SRRAs (PM 161.2). Transportation infrastructure improvement for zero-emission vehicle charging.  Subtotal: \$1,193 \$972					,							
08-San Bernardino-15 At Clyde V. Kane northbound (NB) and 1H660 R/W: \$10 PA&ED: \$259 Prior R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 Southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safety Roadside Rest Areas 2018-19 R/W Cert: 2/1 Southbound (SB) Safe	Carryover			Ü								
08-San Bernardino-15 At Clyde V. Kane northbound (NB) and 1H660 R/W: \$10 PA&ED: \$259 Prior R107.4 southbound (SB) Safety Roadside Rest Areas 2018-19 Const: \$1,183 PS&E: \$415 18-19 R/W Cert: 27/2 R/W Sup: \$33 18-19 R/W Cert: 27/2 R/W Sup: \$33 18-19 R/W Sup: \$33 18-19 R/W Sup: \$265 18-19 R/W Sup: \$265 18-19 R/W Sup: \$37/2	MULTIPLE OBJE	CTIVE										
vehicle charging. Subtotal: \$1,193 \$972	08-San Bernardino-15 R107.4 3007E	At Clyde V. Kane northbound (NB) and southbound (SB) Safety Roadside Rest Areas (SRRA); also at Valley Wells NB and SB SRRAs (PM 161.2). Transportation				PS&E: R/W Sup:	\$415 \$33	18-19 18-19	R/W Cert: RTL:			
					. ,	K						
Program Code 201.999 MULTIPLE OBJECTIVE  Carryover Performance Measure 4 Location(s)	Carryover								IVE			

San Berna <mark>rd</mark> ir	no County
	R/W: \$26,327 PA&ED: \$45,616 Const: \$609,036 PS&E: \$55,253 R/W Sup: \$9,425 Con Sup: \$90,893
	Subtotal: \$635,363 \$201,187 <b>Total (Capital + Support):</b> \$836,550



		(+	1,000)						wuws
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocatior FY	ı Miles	tones
		-	•		- 11				
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	,350 R/V	A&ED: PS&E: W Sup: on Sup:	\$498 \$561 \$0 \$497	18-19 19-20 20-21	R/W Cert:	1/15/2021
			Subtotal: \$2 Total Project C	,350 Cost:		\$1,556 <b>\$3,906</b>			
New			Program Code Performance M			ollision So	everity Red reduced	luction	
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: Const: \$5	,917 R/	A&ED: PS&E: W Sup: on Sup:	\$660 \$917 \$988	18-19 18-19 20-21	PA&ED: R/W Cert: RTL: Begin Con:	1/22/2019 8/9/2020 9/9/2020 5/24/2021
			Subtotal: \$5 Total Project C	,928 Cost:		\$2,565 <b>\$8,493</b>			
			Program Code	20	1.015 C	ollision S	everity Red	luction	
New			Performance M	leasure	56 C	ollision(s)	reduced		
11-San Diego-8 1189 1116000075	In San Diego County, on Routes 8, 67, 79, and 94 at various locations. Widen and grade existing hinges at end treatment platforms, and to upgrade guardrails and end treatments to current standards.	42460 20 <b>2</b> 0-21	R/W: Const: \$4	,552 R/V	A&ED: PS&E: W Sup: on Sup:	\$526 \$1,046 \$0 \$824	18-19 19-20 20-21	R/W Cert:	7/12/2019 10/16/2020 11/20/2020 5/4/2021
			Subtotal: \$4  Total Project C	-,552 Cost:		\$2,396 <b>\$6,948</b>			
New			Program Code Performance M			ollision So	everity Red reduced	luction	
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	,121 R/	A&ED: PS&E: W Sup: on Sup:	\$478 \$1,015 \$1,317	Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/28/2018 7/2/2019 7/15/2019 3/16/2020
			Subtotal: \$4 Total Project C	.,121 Cost:		\$2,810 <b>\$6,931</b>			
Carryover			Program Code Performance M			ollision So	everity Red reduced	luction	



V V 1168 V V 1115000134 U iir co	Location/Description  In San Diego County, on various routes at various locations. Construct maintenance vehicle pullouts, pave areas beyond the gore, appgrade crash cushions, reduce maintenance intensive landscaping and relocate irrigation controls.  In the city of San Diego, from east of Route 163 or east of Route 805; also on Route 805 from east of Route 8	EA Prog Year 41134 2018-19	R/W: Const:  Subtotal: Total Project  Program C Performan	\$3 \$3,618 \$3,621 ect Cost:	Suppo PA&ED: PS&E: R/W Sup: Con Sup:	\$409 \$1,469 \$2 \$522 \$2,402 \$6,023	Prior 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/4/2018 3/29/2019 5/10/2019 9/20/2019
11-San Diego-Var In v 1168 V 1115000134 II ir co	n San Diego County, on various routes at various locations. Construct maintenance vehicle pullouts, pave areas beyond the gore, apgrade crash cushions, reduce maintenance intensive landscaping and relocate irrigation controls.  In the city of San Diego, from east of Route 163 of east of Route 805; also on Route 805 from earth of Adams Avenue to south of Route 8	41134 2018-19	R/W: Const: Subtotal: Total Project	\$3 \$3,618 \$3,621 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$409 \$1,469 \$2 \$522 \$2,402 \$6,023	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL:	5/4/2018 3/29/2019 5/10/2019
V V 1168 V V 1115000134 U iir co	various locations. Construct maintenance vehicle pullouts, pave areas beyond the gore, apgrade crash cushions, reduce maintenance intensive landscaping and relocate irrigation controls.  In the city of San Diego, from east of Route 163 to east of Route 805; also on Route 805 from earth of Adams Avenue to south of Route 8	2018-19	Const:  Subtotal: Total Project  Program C	\$3,618 \$3,621 ect Cost:	PS&E: R/W Sup: Con Sup:	\$1,469 \$2 \$522 \$2,402 \$6,023	18-19 18-19 18-19	R/W Cert: RTL:	3/29/2019 5/10/2019
Carryover  11-San Diego-8 In 2.8/5.0 to	on the city of San Diego, from east of Route 163 o east of Route 805; also on Route 805 from earth of Adams Avenue to south of Route 8	41131	Total Proje	ect Cost:		\$6,023 oadside Sa	afety Impro		
11-San Diego-8 II 2.8/5.0 to	o east of Route 805; also on Route 805 from orth of Adams Avenue to south of Route 8	41131	_				afety Impro		
2.8/5.0 to	o east of Route 805; also on Route 805 from orth of Adams Avenue to south of Route 8	41131		ce Measu		faintenance ocation(s)		ovements/ Free	way
1103	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:	5/18/2018 4/19/2019 6/7/2019 10/18/2019
			Subtotal: Total Proje	\$5,212 ect Cost:	(	\$3,543 <b>\$8,755</b>			
Carryover			Program C		201.235 M			ovements/ Free	way
5.0/6.0 to 1166 o	n the city of San Diego, from east of Route 805 o east of Route 15; also on Route 15 from north of Adams Avenue to north of Route 8 (PM M5.8/R6.3). Roadside safety improvements.		R/W: Const:	\$3 \$3,278	PA&ED: PS&E: R/W Sup: Con Sup:	\$371 \$1,330 \$2 \$474	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	4/13/2018 2/14/2019 4/12/2019 10/18/2019
			Subtotal: Total Proje	\$3,281 ect Cost:		\$2,177 <b>\$5,458</b>			
Carryover			Program C Performan		201.235 N		<i>J</i> 1	ovements/ Free	way
6.0/12.0 w	n the city of San Diego and La Mesa, from west of Mission Gorge Road to west of Route 25. Roadside safety improvements.	41133 2019-20	R/W: Const:	\$3 \$4,959	PA&ED: PS&E: R/W Sup: Con Sup:	\$565 \$2,029 \$3 \$721	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/27/2018 1/17/2020 3/6/2020 7/17/2020
	*		Subtotal: Total Proje	\$4,962 ect Cost:		\$3,318 <b>\$8,280</b>			
Carryover			Program C		201.235 N			ovements/ Free	way



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Dist-Co-Rte						COS			
Post Mile PPNO		EA			4	Allocation			
EFIS	Location/Description	Prog Year	Capital	Supp		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 MVPs, pave beyond gore areas, relocate irrigation controllers and reduce high maintenance landscaping.	41160 2020-21	R/W: Const: \$4,	\$0 PA&ED: 740 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	
	ianuscaping.		Subtotal: \$4,  Total Project Co		\$2,655 <b>\$7,395</b>				
New			Program Code Performance M	201.235	Roadside S Maintenand Location(s)	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: \$1,	\$0 PA&ED: 896 PS&E: R/W Sup: Con Sup:	\$536 \$0	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/30/2020 5/28/2021 7/16/2021 1/7/2022	
	C I		Subtotal: \$1, Total Project Co		\$1,330 <b>\$3,226</b>				
New			Program Code Performance M	201.235 ]	Roadside S Maintenand Location(s)	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		\$20 PA&ED: 275 PS&E: R/W Sup: Con Sup:		Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2010 5/7/2019 6/28/2019 11/26/2019	
			Subtotal: \$3, Total Project Co		\$2,983 <b>\$6,278</b>				
			•		D 1:1 G	afety Impro	ovements/ Free		
Carryover			Program Code Performance M	201.235		e Access	y chieffes, 1 rec	way	
Carryover  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 MVPs, pave slopes under bridge structures, pave narrow areas and beyond gores.	41180 2020-21	Performance M	201.235	Maintenand Location(s) \$394 \$1,118 \$0	e Access		7/31/2019 8/30/2020 9/30/2020	
11-San Diego-52 0.4/5.5 1219	Route 5 to 0.1 mile east of Convoy Street. Construct MVPs, pave slopes under bridge		Performance M	201.235 peasure 1 1  \$0 PA&ED: 296 PS&E: R/W Sup: Con Sup:	Maintenand Location(s) \$394 \$1,118 \$0	18-19 19-20	PA&ED: R/W Cert: RTL:	7/31/2019 8/30/2020 9/30/2020 7/30/2021	



			1,000)					L	
Dist- Co-Rte Post Mile							cos		
PPNO		EA				I	Allocation	1	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
11-San Diego-56	In the city of San Diego, from El Camino Real	41190	R/W:	\$0	PA&ED:	\$284	19-20	PA&ED:	2/11/2020
0.3/9.7	Undercrossing to Route 56/15 Separation. Pave	2021-22	Const:	\$2,007	PS&E:	\$629	20-21	R/W Cert:	8/2/202
1251	beyond gore areas, relocate irrigation control				R/W Sup:	\$0		RTL:	10/8/202
1112000157	valve boxes, construct rumble strip.				Con Sup:	\$429	21-22	Begin Con:	1/27/202
			Subtotal:	\$2,007		\$1,342			
			Total Proje	ect Cost:		\$3,349			
								ovements/ Free	way
37			Program C		201.235 N				
New			Performan	ce Measu	re 106 L	ocation(s)			
11-San Diego-94	In the cities of San Diego and Lemon Grove, at	41220	R/W:	\$0	PA&ED:	\$340	18-19	PA&ED:	8/16/201
4.4/7.3 1253	various locations from 0.2 mile west of 47th Street Overcrossing to 0.6 mile west of College	2020-21	Const:	\$2,973	PS&E:	\$901 \$0	19-20	R/W Cert: RTL:	11/22/202 1/27/202
1112000160	Avenue Undercrossing. Construct MVPs, pave				R/W Sup: Con Sup:	\$858	20-21	Begin Con:	9/17/202
	areas beyond gore, upgrade guardrail, install concrete barrier/crash cushions, relocate		~	e2 072			T V		
	irrigation/electrical equipment and upgrade curb		Subtotal: Total Proje	\$2,973		\$2,099 <b>\$5,072</b>			
	ramps to current ADA standards.		Total Froje	ect Cost.		\$3,072			
			Program C	ode	201 235 N	toadside S	afety Impro	ovements/ Free	way
New			Program C		201.235 N	1aintenanc	e Access	ovements/ Free	way
New 125		41140	Performan	ce Measu	201.235 M re 38 L	Maintenance ocation(s)	e Access	1	
11-San Diego-125	In the cities of Lemon Grove and San Diego, from 0.1 mile south of Elkelton Place	41140	Performan R/W:	ce Measu \$0	201.235 N re 38 L PA&ED:	Maintenance ocation(s)	te Access	PA&ED:	6/6/201
11-San Diego-125 9.6/13.2	from 0.1 mile south of Elkelton Place	41140 2020-21	Performan	ce Measu	201.235 M re 38 L PA&ED: PS&E:	Maintenance cocation(s) \$431 \$864	e Access	PA&ED: R/W Cert:	6/6/201 7/17/202
11-San Diego-125	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas,		Performan R/W:	ce Measu \$0	201.235 N re 38 L PA&ED:	Maintenance ocation(s)	te Access	PA&ED:	6/6/201 7/17/202 8/20/202
11-San Diego-125 9.6/13.2 1141	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete		Performan R/W: Const:	\$0 \$5,074	201.235 M re 38 L PA&ED: PS&E: R/W Sup:	Maintenance cocation(s) \$431 \$864 \$0 \$1,660	18-19 19-20	PA&ED: R/W Cert: RTL:	6/6/201 7/17/202 8/20/202
11-San Diego-125 9.6/13.2 1141	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance		Performan R/W:	\$0 \$5,074 \$5,074	201.235 M re 38 L PA&ED: PS&E: R/W Sup:	Maintenance Location(s) \$431 \$864 \$0	18-19 19-20	PA&ED: R/W Cert: RTL:	6/6/201 7/17/202 8/20/202
11-San Diego-125 9.6/13.2 1141	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation		Performan  R/W: Const:  Subtotal:	\$0 \$5,074 \$5,074	201.235 M re 38 L PA&ED: PS&E: R/W Sup:	Maintenance sociation(s)  \$431 \$864 \$0 \$1,660	18-19 19-20	PA&ED: R/W Cert: RTL:	6/6/2019 7/17/2020 8/20/2020
11-San Diego-125 9.6/13.2 1141	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance		R/W: Const: Subtotal: Total Proje	\$0 \$5,074 \$5,074 \$5,074	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:	Maintenance (Automotion (S))  \$431	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/6/2019 7/17/2029 8/20/2020 5/17/202
11-San Diego-125 9.6/13.2 1141 1112000143	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance		R/W: Const: Subtotal: Total Proje	\$0 \$5,074 \$5,074 \$cct Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:	Maintenance (Social Control of State (Social of Sta	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/6/201 7/17/202 8/20/202 5/17/202
11-San Diego-125 9.6/13.2 1141	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance		R/W: Const: Subtotal: Total Proje	\$0 \$5,074 \$5,074 \$cct Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:	Maintenance (Automotion (S))  \$431	18-19 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/6/201 7/17/202 8/20/202 5/17/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations,	41150	R/W: Const: Subtotal: Total Proje Program C Performan	\$0 \$5,074 \$5,074 \$cct Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED:	### Maintenance	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	6/6/201 7/17/202 8/20/202 5/17/202 way
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route	2020-21	R/W: Const:  Subtotal: Total Proje	\$5,074 \$5,074 \$cct Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED: PS&E:	### Adaintenance	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	6/6/2019 7/17/2020 8/20/2020 5/17/202 wway
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5 1142	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations,	41150	R/W: Const: Subtotal: Total Proje Program C Performan	\$0 \$5,074 \$5,074 \$cct Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED: PS&E: R/W Sup:	### Addition of the control of the c	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	6/6/201: 7/17/202: 8/20/202: 5/17/202 way 3/14/201: 1/8/202 1/21/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate	41150	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$0 \$5,074 \$5,074 \$cct Cost: Code ce Measu \$50 \$6,542	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED: PS&E:	### Addition of the control of the c	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:	6/6/201: 7/17/202: 8/20/202: 5/17/202 way 3/14/201: 1/8/202 1/21/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5 1142	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce	41150	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$0 \$5,074 \$5,074 \$5,074 \$6,542 \$6,542	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED: PS&E: R/W Sup:	Maintenance (socation(s))  \$431	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	6/6/201 7/17/202 8/20/202 5/17/202 way 3/14/201 1/8/202 1/21/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5 1142	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate	41150	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$0 \$5,074 \$5,074 \$5,074 \$6,542 \$6,542	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R 201.235 Mre 103 L PA&ED: PS&E: R/W Sup:	### Addition of the control of the c	18-19 19-20 20-21 afety Improve Access	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	6/6/201: 7/17/202: 8/20/202: 5/17/202 way 3/14/201: 1/8/202 1/21/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5 1142	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate	41150	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$0 \$5,074 \$5,074 \$5,074 \$6,542 \$6,542	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R201.235 Mre 103 L PA&ED: PS&E: R/W Sup: Con Sup:	Maintenance (socation(s))  \$431	18-19 19-20 20-21 afety Improve Access 18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/6/201: 7/17/202: 8/20/202: 5/17/202 way 3/14/201: 1/8/202 1/21/202 7/13/202
11-San Diego-125 9.6/13.2 1141 1112000143 New 11-San Diego-805 20.7/23.5 1142	from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct MVPs, pave beyond gore areas, replace crash cushions, guardrail with concrete barrier, install access gates, relocate irrigation equipment and remove high maintenance landscaping.  In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct MVPs, install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate	41150	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$5,074 \$5,074 \$5,074 \$6,504 \$6,542 \$6,592 \$2ect Cost:	201.235 Mre 38 L PA&ED: PS&E: R/W Sup: Con Sup:  R201.235 Mre 103 L PA&ED: PS&E: R/W Sup: Con Sup:	Maintenance (socation(s))  \$431	18-19 19-20 20-21 afety Improve Access 18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:  PA&ED: R/W Cert: RTL:	6/6/2019 7/17/2020 8/20/2020 5/17/2021 way 3/14/2019 1/8/2021 1/21/2021 7/13/2021



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.	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 Proje	\$5,276 ct Cost:		\$348 <b>\$5,624</b>			
New			Program C		201.160 R re 1.2 C	elinquish			
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 2001 chasquitos Eugoon.		Subtotal: Total Proje	\$1,533 ct Cost:	K	\$1,807 <b>\$3,340</b>			
			Program C	ode	201.335 S	torm Wate	er Mitigation	1	
New			Performan	c <mark>e M</mark> easu	re 10.02 A	cre(s) trea	ated/pollutar	nt	
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 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/20/2018 8/2/2019 9/20/2019 2/14/2020
			Subtotal: Total Proje	\$1,875 ct Cost:		\$1,469 <b>\$3,344</b>			
Carryover			Program C Performan				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 Proje	\$3,667 ct Cost:		\$1,961 <b>\$5,628</b>			
Carryover			Program C				er Mitigation		
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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Supp		COS Allocation FY	n 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 ADA standards.	41810 2019-20		5110 PA&ED: ,766 PS&E: R/W Sup: Con Sup:	\$101	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: \$2  Total Project C	,876 ost:	\$5,065 <b>\$7,941</b>			
Carryover			Program Code Performance M		Americans Curb ramp(		ilities Act New	Curb Ram
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 ADA standards. Replaced damaged sidewalk and install accessible pedestrian signals.	42710 2021-22	R/W: Const: \$1	\$25 PA&ED: ,107 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 7/21/202 11/15/202 7/15/2022
			Subtotal: \$1  Total Project C	ost:	\$2,019 <b>\$3,151</b>			
New			Program Code Performance M		Americans Curb ramp(		vilities Act New	Curb Ram
11-San Diego-94 2.6/R11.1 1191 1116000077	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroff Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards.	42510 2020-21		A65 PA&ED: 660 PS&E: R/W Sup: Con Sup:	\$776 \$1,847 \$714 \$833	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/1/201 4/17/202 8/28/202 12/30/202
	meet current standards.		Subtotal: \$3 Total Project C	,125 ost:	\$4,170 <b>\$7,295</b>			
New			Program Code Performance M		Americans Curb ramp(		vilities Act New	Curb Ram
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 ADA standards. Replace pedestrian signal heads, push buttons and	42900 2021-22	R/W: Const: \$3	\$12 PA&ED: ,098 PS&E: R/W Sup: Con Sup:	\$0	19-20 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2020 7/21/202 11/15/202 7/15/2022
	relocate pull boxes, light poles and controller cabinet.		Subtotal: \$3  Total Project C	,110 ost:	\$3,992 <b>\$7,102</b>			
			·					



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Sup		COS Allocation FY	ı Milest	ones
BRIDGE PRESER	PVATION							
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		A426 PA&ED A441 PS&E R/W Sup Con Sup	\$969 \$0	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	,867 ost:	\$2,191 <b>\$4,058</b>			
New			Program Code Performance M		Bridge Rai Linear feet	•	ent and Upgrad	e
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	PA&ED ,367 PS&E R/W Sup Con Sup		18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/31/2017 6/1/2018 6/15/2018 1/3/2019
			Subtotal: \$18 Total Project C	201.112	_	-	ent and Upgrad	e
New			Performance M	easure 2000	Linear feet			
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	PA&ED ,542 PS&E R/W Sup Con Sup	\$663 :	Prior Prior	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	,542 ost:	\$1,396 <b>\$4,938</b>			
Carryover			Program Code Performance M		Bridge Pre Bridge(s)	ventative M	aintenance	
<b>ROADWAY PRES</b>	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	R/W: \$ Const: \$21	3297 PA&ED 329 PS&E R/W Sup Con Sup	\$2,260 \$24	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
	7.20 0 0 0 0 0		Subtotal: \$21  Total Project C		\$5,506 <b>\$27,132</b>			
New			Program Code Performance M		Pavement Lane mile(	Rehabilitations)	on (CAPM)	



		(4	1,000)			<i>was</i>
Dist- Co-Rte Post Mile PPNO		EA			COS Allocat	
EFIS	Location/Description	Prog Year	Capital	Suppor	t FY	Milestones
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,	PS&E: R/W Sup: Con Sup:	\$1,180 Prior \$2,790 18-19 \$2,168 18-19 \$2,643 19-20	R/W Cert: 1/7/2020 RTL: 1/23/2020
			Subtotal: \$20,  Total Project Co		\$8,781 <b>29,648</b>	
Carryover			Program Code Performance Mo		vement Rehabilit ne mile(s)	ation (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	R/W: \$ Const: \$11,	R/W Sup:	\$505 Prior \$1,252 Prior \$10 Prior \$1,537 19-20	R/W Cert: 10/28/2019 RTL: 11/26/2019
			Subtotal: \$11, Total Project Co	ost: \$	\$3,304 14,775	eation (CAPM)
Carryover			ŭ ,	easure 21.2 Lar		ation (C/H M)
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	R/W: \$ Const: \$34,	185 PS&E: : R/W Sup:	\$1,383 Prior \$2,541 19-20 \$53 19-20 \$3,863 21-22	R/W Cert: 9/30/2021 RTL: 11/9/2021
	Asphalt (RHMA-G).		Subtotal: \$34, Total Project Co		\$7,840 <b>42,277</b>	
Carryover			Program Code Performance Mo	201.121 Pav easure 49.5 Lar	vement Rehabilit ne mile(s)	ation (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,	R/W Sup:	\$936 Prior \$3,276 19-20 \$5,479 21-22	R/W Cert: 9/21/2021 RTL: 11/3/2021
	inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips.		Subtotal: \$43, Total Project Co		\$9,691 <b>53,459</b>	
Carryover			Program Code Performance Mo		adway Rehabilita	ation (2R)



		(+	1,000)					•	wuws
Dist- Co-Rte Post Mile PPNO	Landing/Description					COS Allocation			
EFIS	Location/Description	Prog Year	Capital		Support		FY	Milestones	
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 <b>\$5,821</b>			
Carryover			Program C		201.151 E	Orainage Sy Culvert(s) (		oration	
11-San Diego-8 L0.7/R23.0 1246 1117000028	In San Diego County, at various locations, fron 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
			Subtotal: Total Proje	\$8,447 ect Cost:	(	\$4,783 <b>\$13,230</b>			
Carryover			Program C		201.151 E	Orainage Sy Culvert(s) (		oration	
11-San Diego-8 R23.0/R61.3 1194 1115000178	In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing. Rehabilitate culverts and energy dissipaters.	42210 2019-20	R/W: Const:	\$75 \$11,773	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,077 \$2,346 \$519	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 <b>\$18,626</b>			
Carryover			Program C			Orainage Sy Culvert(s) (	ystem Rest ea)	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	RTL:	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 <b>\$13,262</b>			
Carryover			Program C		201.151 E	Orainage Sy Culvert(s) (		oration	



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo	Support		Milestones		
11-San Diego-5 0.4/72.4 1237 1116000097	In San Diego County, at various locations on various routes. Replace aging roadside sign panels with retroreflective sheeting.	42550 2019-20	R/W: \$ Const: \$1,96	0 PA&ED: 2 PS&E: R/W Sup: Con Sup:	\$0 \$355 \$0 \$325	18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/16/2019 11/21/2019	
			Subtotal: \$1,96 Total Project Cost		\$680 <b>\$2,642</b>				
New			Program Code Performance Mea		-	Lighting Re	habilitation		
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 1/2 mile auxiliary lane.		R/W: Const: \$5,00	PA&ED: 0 PS&E: R/W Sup: Con Sup:	\$1,000 \$750	Prior	PA&ED: R/W Cert: RTL: Begin Con:	7/5/2018 10/12/2018	
			Subtotal: \$5,00  Total Project Cost		\$1,750 <b>\$6,750</b>				
Carryover			Program Code Performance Mea		-	l Improvem		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: \$2 Const: \$5,50		\$207 \$1,052 \$0 \$1,243	18-19 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	3/30/2021 6/30/2021	
			Subtotal: \$5,52  Total Project Cost		\$2,502 <b>\$8,026</b>				
New			Program Code Performance Mea		•	nal Improvements hicle hour(s) of delay (DVHD)			
11-San Diego-Var 1171 1115000057	In San Diego County, on various routes at various locations. Replace Changeable Messagsign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	42070 ge 2019-20	R/W: Const: \$4,40	PA&ED: 1 PS&E: R/W Sup: Con Sup:	\$585 \$886	Prior 19-20		6/19/2015 10/14/2019 12/12/2019 9/4/2020	
			Subtotal: \$4,40 Total Project Cost		\$1,471 <b>\$5,872</b>				
Carryover			Program Code Performance Mea		ransportat	•	ement Systems	3	



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Dist- Co-Rte Post Mile PPNO	T. 11 15 11 11					COS Allocation			
EFIS	Location/Description	Prog Year	Capital		Suppo	ort	FY	Miles	tones
11-San Diego-Var 1174 1115000060	In San Diego County, on various routes at various locations. Replace Changeable Message Sign (CMS) panels with Advanced Variable Message Sign (AVMS) panels.	42080 e 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: \$-	4,586 C <b>ost:</b>		\$1,860 <b>\$6,446</b>			
Carryover			Program Code Performance M			ransportat	Č	ement Systems	
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: \$1	1,535	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
			Total Project (		(	\$5,335 <b>\$16,870</b>			
Carryover			Program Code Performance M			ransportat ield eleme	_	ement Systems	
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 U.S./Mexico border.	42750 2020-21	R/W: Const: \$1	\$375 9,827	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
			Subtotal: \$2 Total Project (	0,202 C <b>ost:</b>		\$7,005 <b>\$27,207</b>			
Carryover			Program Code 201.315 Transportation Management Systems Performance Measure 13.8 Mile(s) of cable						
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 VDS, CMS, CCTV, Ramp Metering, Traffic Signal and Fiber Optic Network elements.	42560 2019-20	R/W: Const: \$1	\$3 9,621	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
	The opin retrota comens.		Subtotal: \$1  Total Project (	9,624 C <b>ost:</b>		\$4,614 <b>\$24,238</b>			
Carryover			Program Code Performance M			ransportat		ement Systems	

# 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	Capit	al	Suppo	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 Project	\$3,324 t Cost:		\$1,891 <b>\$5,215</b>			
Carryover			Program Co			ransportat	_	ement Systems	3
ROADSIDE 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: \$	\$40 610,670	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
	pounde iniguion system to recycled water.		Subtotal: \$ Total Projec	\$10,710 t Cost:	K	\$2,991 <b>\$13,701</b>			
New			Program Co		201.210 H re 132 A	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 Project	\$1,320 t Cost:		\$1,402 <b>\$2,722</b>			
New			Program Co		201.210 H re 4.6 A	Highway P	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 Projec	\$8,250 t Cost:		\$2,653 <b>\$10,903</b>			
			Program Co		201.210 H		lanting Res	storation	
New			Performance			Acre(s)			

# 2018 SHOPP Project List San Diego



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	n Milestones
11-San Diego-805 3.4/5.1 1243 1117000037	In Chula Vista, from 0.3 mile south of Main Street Undercrossing to Palomar Street Overcrossing. Convert potable irrigation systems to recycled water.	42870 2020-21	R/W: 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: 7/11/2019 R/W Cert: 6/5/2020 RTL: 7/10/2020 Begin Con: 1/21/2021
			Subtotal: Total Proj	\$4,117 ect Cost:		\$1,896 <b>\$6,013</b>		
New			Program (			ighway Pl	anting Rest	toration
MULTIPLE OBJE	CCTIVE							
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/CCTVs and rehabilitate 48 inch culvert. Asset Management	42650 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: 9/1/2019 R/W Cert: 10/13/2021 RTL: 10/30/2020 Begin Con: 4/30/2021
	Pilot Project.		Subtotal: Total Proj	\$3,824 ect Cost:	K	\$2,493 <b>\$6,317</b>		
New			Program ( Performan			IULTIPLE ocation(s)	Е ОВЈЕСТІ	VE

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

## 2018 SHOPP Project List San Francisco





			-,,						<i>wow</i>
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Supp		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:	\$20 \$21,970	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,700 \$30	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
	upguud diamage system.		Subtotal: Total Proj	\$21,990 ect Cost:		\$6,230 <b>\$28,220</b>			
Carryover			Program (		201.010 S re 261 C	Safety Imp			
04-San Francisco-1 1489B 0415000221	In the city of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswall 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: Total Proj	G	2	\$2,359 <b>\$8,164</b>	% P. 1	·	
Carryover			Program ( Performan			Collision S Collision(s	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 vandalism-resistant security fence and gates to	4J970 2020-21	R/W: Const:	\$3 \$6,196 \$6,199	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$1,000 \$95 \$1,520 \$3,565	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
	reduce maintenance repairs and enhance highway worker safety.	) `	Total Proj Program (		F 201.235 M			vements/ Free	way
New			Performan			ocation(s)			
MANDATES  04-San Francisco-1 6.0 1067C 0414000340	In the city of San Francisco, at Presidio Nationa Park. Water quality improvements.	1 1A905 2019-20	R/W: 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: Total Proj	\$1,835 ect Cost:		\$1,721 <b>\$3,556</b>			
Carryover			Program (				er Mitigatio		

## 2018 SHOPP Project List San Francisco





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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: \$20 Const: \$32,400		0 Prior 0 Prior	PA&ED: 11/15/2017 R/W Cert: 4/15/2019 RTL: 5/1/2019 Begin Con: 8/26/2019
			Subtotal: \$32,420 Total Project Cost:	*		
Carryover			Program Code Performance Meas	201.110 Bridge Mure 1 Bridge(s	_	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	2J800 h 2019-20	R/W: \$62 * Const: \$100,793		0 18-19 0 18-19	PA&ED: 12/1/2018 R/W Cert: 5/1/2020 RTL: 6/1/2020 Begin Con: 8/1/2021
	superstructure steel members. (G13 Contingency)			\$125,85 ital and * Construction	5 on Support pha	ise are NOT authorized
Carryover			Program Code Performance Meas	201.110 Bridge Nure 2 Bridge(s	-	tation
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		R/W: \$10 Const: \$5,461		1 19-20 4 19-20	PA&ED: 10/1/2019 R/W Cert: 1/1/2021 RTL: 3/1/2021 Begin Con: 10/1/2021
	Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.		Subtotal: \$5,471  Total Project Cost:			
New			Program Code Performance Meas	201.112 Bridge R ure 2249 Linear fe	•	ent and Upgrade
ROADWAY PRES	ERVATION					
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 e 2018-19	R/W: \$5 Const: \$3,956		0 Prior 5 Prior	PA&ED: 1/17/2018 R/W Cert: 2/15/2019 RTL: 3/1/2019 Begin Con: 11/1/2019
			Subtotal: \$3,961 Total Project Cost:			
Carryover			Program Code Performance Meas	201.170 Signs an ure 380 Lighting		nabilitation

#### 2018 SHOPP Project List San Francisco



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocation FY	ı Milesi	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 closed in March 2015 due to unsafe conditions.	2K950 2021-22 e	R/W: Const: Subtotal:	\$255 \$12,087 \$12,342 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,210 \$1,820 \$130 \$3,086 \$7,246 \$19,588	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
New			Program (		201.354 N re 1 L	Materials Location(s)			

San Francisc	eo County
	R/W: \$1,430 PA&ED: \$13,497
	Const: \$189,448 PS&E: \$20,140
	R/W Sup: \$905
	Con Sup: \$27,701
	Subtotal: \$190,878 \$62,243
	Total (Capital + Support): \$253,121



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		COS Allocation FY	Miles	tones
COLLISION RED	LICTION								
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 Project	\$8,693 ct Cost:		\$4,814 <b>\$13,507</b>			
Carryover			Program Co		201.010 S re 50 C	4	provements		
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 et Cost:	K	\$3,494 <b>\$9,709</b>			
Carryover			Program Co		201.010 S re 18 C	, ,	orovements ) reduced		
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 12 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 Project	\$4,150 ct Cost:		\$1,508 <b>\$5,658</b>			
Carryover			Program Co		201.010 S re 264 C	, ,	orovements r) reduced		
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
	silled objects from entall venicles.		Subtotal: Total Project	\$1,375 ct Cost:		\$2,421 <b>\$3,796</b>			
New			Program Co				Severity Reduced	action	



		(Ψ	1,000)						waas *
Dist-Co-Rte Post Mile		77.1				,	COS Allocation		
PPNO EFIS	<b>Location/Description</b>	EA Prog Year	Сарі	tal	Suppo		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 Proje	\$3,580 ct Cost:		\$2,000 <b>\$5,580</b>			
Carryover			Program Co		201.235 N			ovements/ Free	way
10-San Joaquin-5 R16.1/25.4 3112 1013000242	In and near Lathrop and Stockton, from south of 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
			Subtotal: Total Proje	\$2,780 ct Cost:	(	\$1,160 \$3,940			
Carryover			Program C		201.235 N			ovements/ Free	way
10-San Joaquin-99 11.5/29.4 3237 1017000015	In and near Stockton and Lodi, at various locations from French Camp Road to Kettleman 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	1C760 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:	7/2/2019 8/21/2020 10/15/2020 4/21/2021
	narrow locations, and construct access gates and maintenance vehicle pullouts to reduce maintenance and improve highway worker safety.		Subtotal: Total Proje	\$1,945 ct Cost:		\$2,430 <b>\$4,375</b>			
New			Program Co		201.235 N		e Access	ovements/ Free	way
10-San Joaquin-120 R2.6/T7.1 3120 1013000247	In and near Manteca, from east of McKinley Avenue to Route 99. Highway worker safety improvements.	0X710 2018-19	R/W: Const:	\$11 \$3,491	PA&ED: PS&E: R/W Sup: Con Sup:	\$409 \$723 \$9 \$808	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/3/2018 1/15/2019 1/29/2019 7/2/2019
	•		Subtotal: Total Proje	\$3,502 ct Cost:		\$1,949 <b>\$5,451</b>			
Carryover			Program Co		201.235 N		- 1	ovements/ Free	way



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	sital	Suppo		COS Allocation FY	ı Miles	tones
10-San Joaquin-205 2.3/R9.7 3111 1013000248	Location/Description  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 <b>\$5,733</b>			
Carryover			Program (		201.235 N		e Access	ovements/ 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 complian with the ADA standards.	1G510 at 2021-22	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 ect Cost:	K	\$2,531 <b>\$3,860</b>			
New  10-San Joaquin-99 0.9 3156	In Ripon, at Main Street Overcrossing; also in Lodi at Turner Road Overcrossing (PM 31.6). Upgrade pedestrian facilities to comply with	1C060 2018-19	Program ( Performan  R/W:  Const:	ace Measu \$8		\$97 \$530 \$58		PA&ED: R/W Cert: RTL:	Curb Ramp 6/26/2017 5/1/2018 5/17/2018
1014000102	ADA requirements.		Subtotal: Total Proj	\$1,561 ect Cost:	Con Sup:	\$550 \$1,235 <b>\$2,796</b>	18-19	Begin Con:	1/2/2019
Carryover			Program (			americans arb ramp(		ilities Act New	Curb Ramp
BRIDGE PRESER	RVATION								
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 ect Cost:		\$3,325 <b>\$8,096</b>			



Dist- Co-Rte							COS		
Post Mile PPNO		EA				1	Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Supp	ort	FY	Miles	tones
10-San Joaquin-26	Near Stockton, at Route 26/99 Separation No.	1F170	R/W:	\$7	PA&ED:	\$598	18-19	PA&ED:	5/1/2019
1.1	29-0142 (PM 1.11). Establish standard vertical	2020-21	Const:	\$6,112	PS&E:	\$1,827	18-19	R/W Cert:	12/15/202
3169	clearance.				R/W Sup:	\$13	18-19	RTL:	1/15/202
1016000032					Con Sup:	\$3,221	20-21	Begin Con:	7/1/202
			Subtotal:	\$6,119		\$5,659			
			Total Proje	ect Cost:		\$11,778			
			Program C	Code	201.110 E	Bridge Maj	or Rehabil	itation	
New			Performan	ce Measu	re 1 E	Bridge(s)			
10-San Joaquin-5	In San Joaquin County, on Routes 5 and 580	0P540	R/W:	\$263	PA&ED:	\$515	Prior	PA&ED:	10/10/2017
	and in Stanislaus County on Route 99, at	2019-20	Const:	\$8,758	PS&E:	\$1,992	Prior	R/W Cert:	11/1/2019
3118	various locations. Seismic retrofit of 4 bridges.				R/W Sup:	\$73	Prior		11/15/2019
1013000251					Con Sup:	\$1,783	19-20	Begin Con:	5/6/2020
			Subtotal:	\$9,021		\$4,363			
			Total Proje	ect Cost:		\$13,384			
			Program (	Code	201.113 E	Bridge Seis	mic Restor	ration	
Carryover  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	Program C Performan R/W: Const:			\$490 \$1,358 \$55	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/3/2020 5/4/2020
10-San Joaquin-4 3113	29-0045. Upgrade mechanical and electrical		Performan  R/W: Const:	\$2,000 \$4,079	PA&ED: PS&E: R/W Sup:	\$490 \$1,358 \$55 \$1,319	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020
10-San Joaquin-4 3113	29-0045. Upgrade mechanical and electrical		Performan R/W:	\$2,000 \$4,079 \$6,079	PA&ED: PS&E: R/W Sup:	\$490 \$1,358 \$55	Prior 18-19 18-19	PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020
10-San Joaquin-4 3113	29-0045. Upgrade mechanical and electrical		R/W: Const:	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020
10-San Joaquin-4 3113	29-0045. Upgrade mechanical and electrical		R/W: Const: Subtotal: Total Proje	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/3/2020 5/4/2020
10-San Joaquin-4 3113 1015000037	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct		R/W: Const: Subtotal: Total Proje	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/3/202: 5/4/202: 10/21/202:
10-San Joaquin-4 3113 1015000037	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct (No. 29-0269). Reconstruct hinge 32 (left and	2019-20	R/W: Const:  Subtotal: Total Project  Program C Performan	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 Bridge Preventing	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/3/202 5/4/202 10/21/202 11/15/201
10-San Joaquin-4 3113 1015000037 <i>Carryover</i> 10-San Joaquin-4 R16.6/R17.8 3198	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct	2019-20 1C860	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E PA&ED: PS&E: R/W Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 \$648 \$848 \$37	Prior 18-19 18-19 19-20  Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:  faintenance  PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020 10/21/2020 11/15/2010 3/1/2010 3/15/2010
10-San Joaquin-4 3113 1015000037 <i>Carryover</i> 10-San Joaquin-4 R16.6/R17.8	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct (No. 29-0269). Reconstruct hinge 32 (left and	2019-20 1C860	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E  PA&ED: PS&E:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 \$648 \$848	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:  faintenance  PA&ED: R/W Cert:	4/3/202 <sup>1</sup> 5/4/202 <sup>1</sup> 10/21/202 <sup>1</sup> 11/15/201 <sup>1</sup> 3/1/201 <sup>1</sup> 3/15/201 <sup>1</sup>
10-San Joaquin-4 3113 1015000037 <i>Carryover</i> 10-San Joaquin-4 R16.6/R17.8 3198	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct (No. 29-0269). Reconstruct hinge 32 (left and	2019-20 1C860	R/W: Const: Subtotal: Total Proje Program C Performan R/W:	\$2,000 \$4,079 \$6,079 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E PA&ED: PS&E: R/W Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 \$648 \$848 \$37	Prior 18-19 18-19 19-20  Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:  faintenance  PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020 10/21/2020 11/15/2010 3/1/2019 3/15/2019
10-San Joaquin-4 3113 1015000037 <i>Carryover</i> 10-San Joaquin-4 R16.6/R17.8 3198	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct (No. 29-0269). Reconstruct hinge 32 (left and	2019-20 1C860	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$2,000 \$4,079 \$6,079 ect Cost: Code ce Measu \$115 \$3,428	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E PA&ED: PS&E: R/W Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 \$648 \$848 \$37 \$631	Prior 18-19 18-19 19-20  Prior Prior Prior	PA&ED: R/W Cert: RTL: Begin Con:  faintenance  PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020 10/21/2020 11/15/2010 3/1/2010 3/15/2010
10-San Joaquin-4 3113 1015000037 <i>Carryover</i> 10-San Joaquin-4 R16.6/R17.8 3198	29-0045. Upgrade mechanical and electrical equipment on movable bridge.  In Stockton, at Crosstown Freeway Viaduct (No. 29-0269). Reconstruct hinge 32 (left and	2019-20 1C860	R/W: Const:  Subtotal: Total Proje  Program C Performan  R/W: Const:	\$2,000 \$4,079 \$6,079 ect Cost: Code ce Measu \$115 \$3,428	PA&ED: PS&E: R/W Sup: Con Sup:  201.119 E re 1 E  PA&ED: PS&E: R/W Sup: Con Sup:	\$490 \$1,358 \$55 \$1,319 \$3,222 \$9,301 \$648 \$848 \$37 \$631 \$2,164 \$5,707	Prior 18-19 18-19 19-20  Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:  faintenance  PA&ED: R/W Cert: RTL:	4/3/2020 5/4/2020 10/21/2020 11/15/2010 3/1/2010 3/15/2010



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		COS Allocation FY	ı Milestor	nes
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	R/W Cert: 2	7/20/2020 2/17/2021 5/20/2021 2/15/2021
			Subtotal: Total Project	\$3,953 ct Cost:		\$2,692 <b>\$6,645</b>			
Carryover			Program Co			Bridge Prev Bridge(s)	entative M	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	R/W Cert:	7/13/2017 6/5/2018 7/5/2018 1/22/2018
	vorteal creatures.		Subtotal: Total Project	\$1,174 ct Cost:		\$1,161 <b>\$2,335</b>			
Carryover			Program Co			Bridge Prev Bridge(s)	entative M	aintenance	
10-San Joaquin-5 10.7 3235B 1018000078	In and near Lathrop, at Deuel Overhead No. 29 -0262L/R. 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	RTL: 2	2/30/2017 1/30/2020 2/28/2020 8/26/2020
			Subtotal: Total Project	\$8,140 ct Cost:		\$3,193 <b>\$11,333</b>			
Carryover			Program Co			rans Perm Bridge(s)	it Requiren	nents for Bridges	
	In Stockton, at Route 4/99 Separation	0X310	R/W:	\$115 \$5,776	PA&ED: PS&E:	\$673 \$2,092	Prior Prior	R/W Cert: 1	1/9/2017 12/2/2019 2/16/2019
10-San Joaquin-99 17.2 3148 1013000265	(Farmington Road) Bridge No. 29-0155. Replace structure to provide standard vertical clearance.	2019-20	Const:	\$5,770	R/W Sup: Con Sup:	\$147 \$1,984	Prior 19-20	RTL: 12 Begin Con:	7/1/2020
17.2 3148	(Farmington Road) Bridge No. 29-0155. Replace structure to provide standard vertical	2019-20	Subtotal:	\$5,891	_				



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	al	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		5/7/2018 10/10/2019 11/10/2019 7/11/2020
			Subtotal: \$: Total Project	30,624 Cost:		\$7,470 <b>\$38,094</b>			
Carryover			Program Coc Performance			.oadway F ane mile(	Rehabilitation	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 Project	\$3,249	K	\$2,391 <b>\$5,640</b>			
Carryover			Program Coo			Orainage S	System Resto	ration	
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:	12/5/2020 12/20/2020
			Subtotal: Total Project	\$3,495 Cost:		\$2,860 <b>\$6,355</b>			
Carryover			Program Coo Performance			Orainage S Culvert(s)	System Resto (ea)	ration	
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 Project	\$5,429 t Cost:		\$3,317 <b>\$8,746</b>			
New			Program Coo			orainage S	System Resto	ration	



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Dist- Co-Rte Post Mile PPNO		EA				COS llocation		
EFIS	Location/Description	Prog Year	Capital	Suppor	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: \$8 Const: \$1,538		\$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: \$1,546 Total Project Cost:		\$1,837 <b>\$3,383</b>			
Carryover			Program Code Performance Meas	201.170 Sig ure 23 Lig	gns and Li		habilitation	
<u> 10BILITY</u>								
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: \$540 Const: \$1,250		\$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
	rissistance rec (orrar) adoles.		Subtotal: \$1,790  Total Project Cost:		\$1,335 <b>\$3,125</b>			
New		1C280	Program Code Performance Meas R/W: \$92		\$910	e hour(s) o	of delay (DVH)	D) 12/29/2017 5/17/2019
10-San Joaquin-99 30.9/31.3	In Lodi, from south of Route 12 (Victor Road) to south of Turner Road. Realign northbound	2018-19	Const: \$11,110	PS&E:	\$1,417	Prior	RTL: Begin Con:	5/28/2019
•	,		Const: \$11,110	R/W Sup: Con Sup:	\$75 \$2,199	Prior Prior 18-19		1/6/2020
30.9/31.3 3145	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance, and			R/W Sup: Con Sup:	\$75	Prior		1/6/2020
30.9/31.3 3145	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance, and		Const: \$11,110  Subtotal: \$11,202	R/W Sup: Con Sup:	\$75 \$2,199 \$4,601 <b>\$15,803</b>	Prior 18-19		
30.9/31.3 3145 1014000134	to south of Turner Road. Realign northbound onramp, increase bridge vertical clearance, and	2018-19 1F180	Const: \$11,110  Subtotal: \$11,202  Total Project Cost:  Program Code	R/W Sup: Con Sup:  201.310 Op ure 158.2 Da  PA&ED: PS&E: R/W Sup:	\$75 \$2,199 \$4,601 <b>\$15,803</b>	Prior 18-19		
30.9/31.3 3145 1014000134 **Carryover**  10-San Joaquin-4 R16.0/R19.4 3274	In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, closed circuit television (CCTV), and synchronize	2018-19 1F180	Const: \$11,110  Subtotal: \$11,202  Total Project Cost:  Program Code  Performance Meas  R/W: \$1,269	R/W Sup: Con Sup:  201.310 Op ure 158.2 Da  PA&ED: PS&E: R/W Sup: Con Sup:	\$75 \$2,199 \$4,601 \$15,803 perational lady vehicle \$2,177 \$5,813 \$667	Prior 18-19 Improvem e hour(s) o 18-19 19-20 19-20	PA&ED: R/W Cert: RTL:	D) 9/15/2019 3/15/2022 4/15/2022



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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
10-San Joaquin-5 3147 1015000001	In various counties, on various routes, at various locations. Upgrade Transportation Managemen System (TMS) elements.		R/W: Const:	\$15 \$3,462	PA&ED: PS&E: R/W Sup: Con Sup:	\$333 \$881 \$138 \$697	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/16/2017 5/7/2019 6/14/2019 12/27/2019
			Subtotal: Total Proj	\$3,477 ect Cost:		\$2,049 <b>\$5,526</b>			
Carryover			Program (			ransportat	Č	ement Systems	
10-San Joaquin-5 R21.4/27.9 3250 1016000053	In and near Stockton, on Routes 5, 4 (PM 14.6/21.2), and 99 (PM 15.8/18.5) at various locations. Install Intelligent Transportation System (ITS) elements.	1F400 2021-22	R/W: Const:	\$80 \$8,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$820 \$2,550 \$380 \$1,805	Prior 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	12/22/2021
			Subtotal: Total Proj	\$9,040 ect Cost:		\$5,555 <b>\$14,595</b>			
Carryover			Program (			ransportat	•	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 elements.	1G750 2019-20	R/W: Const:	\$7 \$6,862	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,202 \$1,719 \$465 \$1,310	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2019 2/14/2020 3/16/2020 9/15/2020
			Subtotal: Total Proj	\$6,869 ect Cost:		\$4,696 <b>\$11,565</b>			
Carryover			Program (			ransportat	·	ement Systems	
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 nonfunctioning	1G990 2020-21	R/W: Const:	\$33 \$2,065	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 1/5/2021 7/6/2021
	Traffic Management System (TMS) elements.		Subtotal: Total Proj	\$2,098 ect Cost:		\$3,173 <b>\$5,271</b>			
Carryover			Program (			ransportat	•	ement Systems	



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Dist-Co-Rte Post Mile PPNO EFIS	EA Location/Description Prog Year Capital				COS Allocation Support FY			n 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.		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:	\$3,618		\$2,720				
			Total Proj	ect Cost:		\$6,338				
Carryover			Program (		re 59 F	ield eleme	ent(s)	-		
10-San Joaquin-205	In Tracy from Byron Road Undercrossing to	1C330	R/W:	\$4,830	PA&ED:	\$1,057	Prior	PA&ED:	8/30/2018	
R4.5/R9.0	Paradise Road Overcrossing. Install ramp	2020-21	Const:	\$13,257	PS&E:	\$2,512	18-19	R/W Cert:	6/15/2021	
3146	meters and other Intelligent Transportation System (ITS) elements.				R/W Sup:	\$979	18-19	RTL:	6/30/2021	
1014000146	System (115) elements.				Con Sup:	\$2,831	20-21	Begin Con:	12/20/2021	
			Subtotal:	\$18,087		\$7,379				
			Total Proj	C	K	\$25,466				
			Program (	Code	201.315 T	ransportat	ion Manage	ement Systems		

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



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	al	Suppo		COS Allocation FY	Miles	tones
COLLISION REDI	UCTION								
	Near Paso Robles, at Route 46 West intersection with Vineyard Drive. Construct roundabout.	n 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 Project	\$5,596 t Cost:		\$3,806 <b>\$9,402</b>			
Carryover			Program Coo		201.010 Sare 14 C	4	rovements ) reduced		
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
			Total Project Program Coo	de			everity Red	uction	
Carryover			Performance	Measu	re 33 C	ollision(s	) reduced		
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 e 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 Project	\$2,737 t Cost:		\$2,347 <b>\$5,084</b>			
Carryover			Program Coo				everity Red	uction	
<b>MANDATES</b>									
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 ADA accessible pedestrian pathways and install Accessible Pedestrian Signal (APS) systems.		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
			Subtotal: Total Project	\$4,229 t Cost:		\$4,383 <b>\$8,612</b>			
Carryover			Program Coo			mericans urb ramp		lities Act New	Curb Ramps



		(4)	1,000)						atars.
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	sital	Suppo		COS Allocation FY	Miles	tones
		Trug Tear	Cap	ntai	Supp	л	ГТ	Willes	tones
05-San Luis Obispo-1 32.6 0072 0515000097	VATION  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	PA&ED: R/W Cert: RTL: Begin Con:	6/18/2018 4/17/2020 6/29/2020 2/4/2021
			Subtotal: Total Proj	\$6,106 ect Cost:		\$6,399 <b>\$12,505</b>			
Carryover			Program ( Performan			Bridge Maj Bridge(s)	or Rehabilit	ation	
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	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proj	\$4,650 ect Cost:	V	\$5,399 <b>\$10,049</b>			
Carryover			Program ( Performan			Bridge Maj Bridge(s)	or Rehabilit	ation	
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	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2017 12/2/2019 1/8/2020 8/12/2020
			Subtotal: Total Proj	\$6,295 ect Cost:		\$7,029 <b>\$13,324</b>			
Carryover			Program (			Bridge Maj Bridge(s)	or Rehabilit	cation	
<b>ROADWAY PRES</b>									
05-San Luis Obispo-101 63.5/65.2 0040C 0515000019	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 to	R/W: Const:	\$270	PA&ED: PS&E: R/W Sup: Con Sup:	\$223 \$28 \$479	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/4/2013 3/15/2019 6/3/2019 11/18/2019
			Subtotal: Total Proj	\$270 ect Cost:		\$730 <b>\$1,000</b>			
Carryover			Program (			Loadway R	ehabilitatio	n (3R)	



Dist- Co-Rte		(+					cos -		
Post Mile							COS		
PPNO	T 150	EA			C		Allocation		
EFIS	Location/Description	Prog Year	Сар	ital	Supp	ort	FY	Miles	tones
05-San Luis Obispo-1	In and near Pismo Beach, from Gracia Way to	1G980	R/W:	\$303	PA&ED:	\$1,156	Prior	PA&ED:	2/1/2019
10.0/16.8	North Pismo (Route 101/Route 1) Separation.	2021-22	Const:	\$8,618	PS&E:	\$1,751	18-19	R/W Cert:	4/6/2022
2630	Upgrade ADA curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt concrete				R/W Sup:	\$1,670	18-19	RTL:	4/6/2022
0516000009	(RHMA).				Con Sup:	\$1,568	21-22	Begin Con:	8/23/2022
			Subtotal:	\$8,921		\$6,145			
			Total Proje	ect Cost:		\$15,066			
			Program C	Code	201.121 P	avement F	Rehabilitatio	on (CAPM)	
Carryover			Performan	ce Measu	re 13.5 L	ane mile(s	s)		
05 Can Luis Obigno 1	Near San Simeon, from the Arroyo de la Cruz	49284	R/W:		PA&ED:			l proed	8/11/2010
05-San Luis Obispo-1 R66.9/R67.2	Bridge to 0.3 mile north of the Arroyo de la	2018-19	Const:	\$140	PA&ED: PS&E:	\$110	Prior	PA&ED: R/W Cert:	10/1/2018
4928X	Cruz Bridge. Plant propagation.	2010 17	Const.	Ψ110	R/W Sup:	\$110	THO	RTL:	3/18/2019
0517000045					Con Sup:	\$229	18-19	Begin Con:	9/25/2019
			Subtotal:	\$140		\$339		•	
			Total Proje			\$479			
			100011103						
			Program C	odo	201 150 B	Poadway P	rotective Be	attarments	
Carryover			Performan			ocation(s)		ctterments	
				ee ivicasu		ocation(s)			
05-San Luis Obispo-1	Near San Simeon, from the Arroyo de la Cruz	49285	R/W:	\$11	PA&ED:	A1 055	ъ.	PA&ED:	8/11/2010
R66.9/R67.2 4928Y	Bridge to 0.3 mile north of the Arroyo de la Cruz Bridge. Planting, wetland and California	2019-20	Const:	\$7,464	PS&E: R/W Sup:	\$1,057 \$56	Prior Prior	R/W Cert: RTL:	2/27/2019 7/25/2019
0517000046	Red-legged Frog mitigation.				Con Sup:	\$2,424	19-20	Begin Con:	3/5/2020
0317000010					соп вир.		1,7 20		3/3/2020
			Subtotal:	\$7,475		\$3,537			
			Total Proje	ect Cost:		\$11,012			
			Program C	Code	201.150 R	Roadway P	rotective Be	etterments	
Carryover			Performan	ce Measu	re 1 L	ocation(s)			
<b>MOBILITY</b>									
	In San Luis Obispo County, from 0.3 mile north	0N220	R/W:	\$5	PA&ED:	\$380	Prior	PA&ED:	2/1/2019
31.5/59.1	of Reservoir Canyon Road to 0.3 mile north of	2020-21	Const:	\$2,865	PS&E:	\$1,095	18-19	R/W Cert:	8/3/2020
4022	North Paso Robles Overhead at various				R/W Sup:	\$78	18-19	RTL:	12/1/2020
0516000007	locations. Install vehicle detection systems, changeable message signs, cameras, and loop				Con Sup:	\$702	20-21	Begin Con:	4/1/2022
	detectors.		Subtotal:	\$2,870		\$2,255			
			Total Proje	ect Cost:		\$5,125			
			•			•			
			Program C	Code	201.315 T	ransportat	ion Manage	ement Systems	
Carryover			Performan			ield eleme			
							(~)		



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

San Luis Obispo Count	y		
R/W:	\$2,766	PA&ED:	\$7,834
Const:	\$50,330	PS&E:	\$16,231
		R/W Sup:	\$3,846
		Con Sup:	\$17,197
Subtotal:	\$53,096		\$45,108
Total (Ca	pital + Sup <sub>l</sub>	port):	\$98,204



		( )	-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сарі	tal	Suppo		COS Allocation FY	Miles	tones
MAJOR DAMAG	E RESTORATION								
04-San Mateo-1 1.1 1450H 0416000105	Near Half Moon Bay, at 1.1 miles north of Santa Cruz county line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	0K570 2021-22	R/W: 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 Project	\$992 ct Cost:		\$1,270 <b>\$2,262</b>			
New			Program Co			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 Project Program Co	G	7	\$2,070 \$3,670	Restoration		
Carryover			Performance			ocation(s)			
04-San Mateo-280 R20.3/R20.6 1499H 0415000252	In San Bruno, from Jenevein Avenue to 0.1 mil south of San Bruno Avenue. Reconstruct failed concrete ditch and place Rock Slope Protection (RSP) at slope washouts as storm damage permanent restoration.	1 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 Project	\$1,261 ct Cost:		\$1,508 <b>\$2,769</b>			
New			Program Co			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 Project	\$4,375 ct Cost:		\$5,350 <b>\$9,725</b>			
Carryover			Program Co		201.010 S re 120 C	afety Impr			



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Supp		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 Signal (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: R/W Cert: RTL: Begin Con:	4/1/2020 12/1/2021 2/1/2022 6/1/2022
	and countdown timers, and upgrading crosswal markings.	k	Subtotal: Total Proj	\$5,889 ect Cost:		\$3,925 <b>\$9,814</b>			
New			Program (			Collision Se	everity Red	uction	
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 offramp (PM 1.7). Construct maintenance worker safety	o 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		10/31/2017 12/18/2018 1/30/2019 7/1/2019
	improvements.		Subtotal: Total Proj	\$5,296 ect Cost:		\$2,130 <b>\$7,426</b>			
Carryover			Program (		201.235 N		e Access	vements/ Free	way
<b>MANDATES</b>									
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 nort of La Honda Creek Bridge (PM 9.4/10.0). Stabilize soil and erosion control to mitigate for storm water quality.	th 2019-20	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 quanty.	)	Subtotal: Total Proj	\$2,212 ect Cost:		\$2,278 <b>\$4,490</b>			
Carryover			Program ( Performan				er Mitigation		
BRIDGE PRESER	EVATION								
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 <b>\$8,102</b>			
New			Program (			Bridge Maj Bridge(s)	or Rehabilit	tation	



		(5	1,000)						altrans°
Dist- Co-Rte Post Mile PPNO		EA			~	I			
EFIS  04-San Mateo-101	Location/Description  In Redwood City, at Cordilleras Creek Bridge	Prog Year 2J730	Cap R/W:	\$4,285	Suppo PA&ED:	94,500	<b>FY</b> 18-19	Miles PA&ED:	10/2/2020
7.1 1483C 0415000004	No. 35-0019. Replace bridge to restore structural integrity.	2021-22	Const:	\$26,570	PS&E: R/W Sup: Con Sup:	\$4,500 \$1,125	20-21 20-21 21-22	R/W Cert: RTL: Begin Con:	6/30/2022 6/30/2022 1/11/2023
			Subtotal: Total Proje	\$30,855 ect Cost:		\$17,625 <b>\$48,480</b>			
New			Program C			Bridge Majo Brid <mark>ge</mark> (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		R/W: Const:	\$64 \$7,748	PA&ED: PS&E: R/W 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
0413000010	bridge rails at 8 structures.		Subtotal: Total Proje	\$7,812 ect Cost:	Con Sup:	\$4,498 <b>\$12,310</b>	21-22	Begin con.	9/1/2022
New  04-San Mateo-280 R0.0/R21.0	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road	4J850 2021-22	Program C Performan  R/W: Const:		PA&ED: PS&E:	\$600 \$1,000	Prior 20-21	PA&ED:	10/1/2020 5/1/2022
1498G 0416000028	Undercrossing No. 35-0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (South) No. 35-0007 (PM R1.56), Sand Hill Road OC (North) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35-0217L/R (PM		Subtotal: Total Proje	\$7,732	R/W Sup: Con Sup:	\$100 \$1,000 \$2,700 <b>\$10,432</b>	20-21 21-22	RTL: Begin Con:	4/1/2022 10/1/2022
	R20.97). Structure seismic retrofit.	) `	Program C		201.113 E	,	mic Restor	ation	
Carryover			Performan	ce Measu		Bridge(s)			
			R/W:	\$343	PA&ED:	\$1,250	18-19	PA&ED:	10/1/2020
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	Const:	\$1,936	PS&E: R/W Sup: Con Sup:	\$1,040 \$260 \$1,300	20-21 20-21 21-22	R/W Cert: RTL: Begin Con:	2/1/2022 4/1/2022 11/1/2022
28.9 1483M	Bridge No. 35-0139L/R; also, on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM	2021-22		\$1,936 \$2,279	PS&E: R/W Sup:	\$260	20-21	RTL:	4/1/2022
28.9 1483M	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	2021-22	Const: Subtotal:	\$1,936 \$2,279 ect Cost:	PS&E: R/W Sup: Con Sup:	\$260 \$1,300 \$3,850 <b>\$6,129</b>	20-21 21-22	RTL:	4/1/202





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Dist- Co-Rte Post Mile PPNO EFIS	e EA Location/Description Prog Year Capital	Capital	Support	COS Allocation FY	Milestones	
ROADWAY PRES	SERVATION			<u> </u>		
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.	0C930 2019-20	R/W: \$10 Const: \$11,671	PA&ED: \$1,403 PS&E: \$1,081 R/W Sup: \$46 Con Sup: \$1,081	18-19 5 18-19	PA&ED: 7/2/2018 R/W Cert: 6/1/2019 RTL: 9/1/2019 Begin Con: 1/15/2020
			Subtotal: \$11,681  Total Project Cost:	\$3,611 <b>\$15,292</b>		
Carryover			Program Code Performance Measu	201.121 Pavement		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 ADA compliant, and upgrade guardrails to make standard.	0K780 2021-22	R/W: \$566 Const: \$18,225	/ 1	19-20 19-20	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/1/2022
			Subtotal: \$18,791  Total Project Cost:	\$8,359 <b>\$27,15</b> 0		
New			Program Code Performance Measu	201.121 Pavement		n (CAPM)
04-San Mateo-101 16.5/23.0 1487J 0415000080	In the cities of Burlingame, Millbrae, San Brun and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation.	o 3J060 2019-20	R/W: \$100 Const: \$16,500	. ,	Prior Prior	PA&ED: 4/2/2018 R/W Cert: 10/15/2019 RTL: 11/1/2019 Begin Con: 4/29/2020
		)	Subtotal: \$16,600 Total Project Cost:	\$4,158 <b>\$20,758</b>		
Carryover			Program Code Performance Measu	201.121 Pavement		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: \$13 Const: \$16,404		19-20 19-20	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 restord damaged slopes, pavement, and bridge approaches at 6 locations.	e e	Subtotal: \$16,417 Total Project Cost:	\$7,060 <b>\$23,47</b> 7		
			Program Code	201.151 Drainage	System Restor	ration
New			Performance Measu	re 28 Culvert(s	(00)	



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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
MOBILITY									
04-San Mateo-1	In and near the cities of Half Moon Bay,	2K880	R/W:	\$36	PA&ED:	\$430	18-19	PA&ED:	4/1/2020
26.4/R47.3	Pacifica and Daly City, from south of	2021-22	Const:	\$2,408	PS&E:	\$444	19-20	R/W Cert:	8/1/2021
1452A	Miramontes Point Road to Clarinada Avenue				R/W Sup:	\$30	20-21	RTL:	9/1/2021
0417000040	Undercrossing, at various locations. Install				Con Sup:	\$444	21-22	Begin Con:	1/15/2022
	Bluetooth Detection Systems and Variable Message Signs (VMS), enable two existing Changeable Message Signs (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVP) to improve the system		Subtotal: Total Proj	\$2,444 ect Cost:		\$1,348 <b>\$3,792</b>			
New	performance.		Program (			ransportatield eleme	Č	ement Systems	

San Mataa County	
San Mateo 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	



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Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Cap	ital	Suppo	ort	FY	Miles	tones
COLLISION RED	UCTION								
05-Santa Barbara-Var	In Santa Barbara, San Luis Obispo, Monterey,	1G960	R/W:	\$16	PA&ED:	\$879	18-19	PA&ED:	4/2/2019
	and Santa Cruz Counties on Routes 1, 101, 129,	2020-21	Const:	\$2,232	PS&E:	\$940	18-19	R/W Cert:	2/1/2021
2628 0516000006	135, 156, and 246 at various locations. Install Accessible Pedestrian Signal (APS) push				R/W Sup: Con Sup:	\$71 \$746	18-19 20-21	RTL: Begin Con:	2/1/2021 9/15/2021
031000000	buttons, Countdown Pedestrian Signal (CPS)				Con Sup.	\$740	20-21	Begin con.	9/13/2021
	heads, pedestrian barricades, and crosswalk signage to improve pedestrian and bicycle		Subtotal:	\$2,248		\$2,636			
	safety.		Total Proj	ect Cost:		\$4,884			
			Program (	Code	201.015 C	Collision S	everity Red	uction	
New			Performan	ce Measu	re 32 C	Collision(s	reduced		
05-Santa Barbara-Var	In Santa Barbara and San Luis Obispo Counties	, 1G300	R/W:	\$48	PA&ED:	\$780	Prior	PA&ED:	7/9/2018
	on various routes at various locations. Replace	2018-19	Const:	\$2,084	PS&E:	\$1,125	18-19	R/W Cert:	2/28/2019
2594 0514000138	and install advance curve warning signs.				R/W Sup: Con Sup:	\$41 \$629	18-19 18-19	RTL: Begin Con:	6/10/2019
0314000138					Con Sup.	\$029	10-19	Degin Con.	11/2//2019
			Subtotal:	\$2,132		\$2,575			
			Total Proj	ect Cost:		\$4,707			
G.			Program (				everity Red	uction	
Carryover			Periorman	ice Measu	re 1277 C	ollision(s	) reduced		
05-Santa Barbara-101	In and near Buellton, from Gaviota State Park	1E000	R/W:	\$3	PA&ED:	\$520	Prior	PA&ED:	10/5/2017
46.5/68.9 2460	Entrance to north of Alisos Canyon Road. Roadside safety improvements.	2019-20	Const:	\$2,578	PS&E: R/W Sup:	\$840 \$34	Prior Prior	R/W Cert: RTL:	10/7/2019 2/3/2020
0513000023					Con Sup:	\$698	19-20	Begin Con:	7/1/2020
			0.14.4.1	\$2,581		\$2,092		<u> </u>	
			Subtotal: Total Proje			\$4,673			
			Total 110j	cer cost.		\$ 1,070			
			Program C	ode.	201.235 N			ovements/ Free	way
Carryover			Performan			ocation(s)			
05-Santa Barbara-101	Near Gaviota, at the Gaviota Safety Roadside	1E010	R/W:	\$5	PA&ED:	\$240	Prior	DA GED	2/22/2016
46.9	Rest Area. Upgrade wastewater system.	2018-19	Const:	\$2,800	PS&E:	\$1,060	Prior	PA&ED: R/W Cert:	10/1/2018
2462				, .	R/W Sup:	\$10	Prior	RTL:	2/1/2019
0513000024					Con Sup:	\$1,180	18-19	Begin Con:	9/3/2019
			Subtotal:	\$2,805		\$2,490			
			Total Proj	ect Cost:		\$5,295			
			D -					ovements/ Free	way
Carryover			Program C Performan		201.235 N	Maintenand ocation(s)			



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppoi	All	COS ocation FY		stones
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		PA&ED: 42 PS&E: R/W Sup:	\$714 \$1,123 \$35	18-19 19-20 19-20 20-21	PA&ED:	10/24/2019 10/15/2020 2/19/2021
			Subtotal: \$2,1  Total Project Cos		\$2,875 <b>\$5,042</b>			
New			Program Code Performance Me	201.235 Ma			vements/ Free	way
MANDATES  05-Santa Barbara-101  11.0  2468  0513000027	In the city of Santa Barbara, at Butterfly Lane Pedestrian Undercrossing. Construct pedestriar ramps and sidewalks to comply with ADA standards.	1E040 n 2019-20	R/W: \$9 Const: \$2,9	R/W Sup:	\$1,875 \$303	Prior Prior Prior 19-20	R/W Cert: RTL:	11/1/2016 12/26/2019 4/22/2020 11/24/2020
			Subtotal: \$3,8 Total Project Co		\$3,384 <b>\$7,258</b>			
Carryover			Program Code Performance Me		mericans with ramp(s)	th Disabi	lities Act New	Curb Ramps
BRIDGE PRESER  05-Santa Barbara-101  21.6  2649  0516000073	VATION  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: \$9,2	240 PS&E: R/W Sup:	\$2,730 \$70	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/20/2020 7/1/2021 10/1/2021 6/15/2022
			Subtotal: \$9,2 Total Project Con		\$7,680 <b>616,960</b>			
Carryover			Program Code Performance Me	201.110 Bri	idge Major l	Rehabilit	ation	
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: \$1 Const: \$7,0	R/W Sup:	\$1,800 \$250	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
			Subtotal: \$7,1  Total Project Cos		\$4,800 <b>611,900</b>			
Carryover			Program Code Performance Me	201.110 Bri	idge Major l	Rehabilit	ation	



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Dist- Co-Rte Post Mile PPNO		EA				COS Allocation			
EFIS	Location/Description	<b>Prog Year</b>	Capit	al	Suppo	ort	FY	Miles	tones
05-Santa Barbara-154 22.9/23.2 2392 0512000141	4 Near Lake Cachuma at Cold Spring Canyon Bridge No. 51-0037. Install inspection access system below bridge and paint structure.		R/W: Const: \$	\$50 \$19,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,100 \$1,500 \$75 \$1,500	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2019 12/15/2020 4/15/2021 11/1/2021
			Subtotal: STotal Project	\$19,050 t Cost:		\$4,175 <b>\$23,225</b>			
New			Program Co		201.110 B re 1 B	ridge Maj ridge(s)	or Rehabili	tation	
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 Projec	\$6,419 t Cost:		\$5,301 <b>\$11,720</b>			
Carryover			Program Co		201.110 B re 2 B	ridge Maj	or Rehabili	tation	
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: S	\$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: Subtotal Projec	\$18,758 t Cost:		\$12,052 <b>\$30,810</b>			
Carryover			Program Co Performance		201.110 B re 1 B	ridge Maj	or Rehabili	tation	
05-Santa Barbara-1 M33.1 2563 0514000063	Near Lompoe, at San Antonio Creek Bridge No 51-0237L/R. Bridge scour mitigation.	. 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 Projec	\$1,324 t Cost:		\$3,508 <b>\$4,832</b>			
			Program Co	de	201.111 B	ridge Scot	ur Mitigatio	on	



Dist-Co-Rte			,,,,,				COS -		
Post Mile							COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		FY	Miles	tones
05-Santa Barbara-192 15.4/15.6 0335 0500000514	Near Carpinteria, at Arroyo Parida Creek Bridge No. 51-113. Replace bridge (scour).		R/W: Const:	\$905 \$6,845	PA&ED: PS&E: R/W Sup: Con Sup:	\$960 \$4,266 \$692	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2009 9/3/2019 1/21/2020 8/7/2020
			Subtotal: Total Proje	\$7,750 ct Cost:		\$7,228 <b>\$14,978</b>			
Carryover			Program C			Bridge Sco Bridge(s)	ur Mitigatio	n	
05-Santa Barbara-101 56.0 2561 0514000061	Near Buellton, at Nojoqui Creek Bridge No. 51 -0018L/R. Bridge rail replacement and widening.	1F790 2019-20	R/W: Const:	\$99 \$5,304	PA&ED: PS&E: R/W Sup: Con Sup:	\$910 \$1,789 \$211 \$1,218	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/29/2018 11/1/2019 1/29/2020 7/15/2020
			Subtotal: Total Proje	\$5,403 ct Cost:	(	\$4,128 <b>\$9,531</b>			
Carryover			Program C			Bridge Rail inear feet	l Replaceme	ent and Upgrad	e
05-Santa Barbara-135 R7.2 2567 0514000065	Near Los Alamos, at San Antonio Creek Bridge No. 51-0006. Bridge seismic restoration.	1F830 2019-20	R/W: Const:	\$132 \$1,978	PA&ED: PS&E: R/W Sup: Con Sup:	\$676 \$1,228 \$23 \$640	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 9/1/2019 3/9/2020 9/17/2020
			Subtotal: Total Proje	\$2,110 ct Cost:		\$2,567 <b>\$4,677</b>			
Carryover			Program C			Bridge Seis Bridge(s)	smic Restora	ation	
05-Santa Barbara-154 R2.6 2391 0512000139	Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Remove bridge.	1C410 2019-20	R/W: Const:	\$56 \$922	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,125 \$1,055 \$50 \$350	Prior 18-19 Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/3/2018 10/15/2019 4/8/2020 10/6/2020
	•		Subtotal: Total Proje	\$978 ct Cost:		\$2,580 <b>\$3,558</b>			
Carryover			Program C			Bridge Prev Bridge(s)	ventative Ma	aintenance	



		( .	,,			
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
ROADWAY PRES	ERVATION					
05-Santa Barbara-101 2.6/9.2 2426 0512000236	In Carpinteria, from Casitas Pass Overcrossing to 0.2 miles north of Sheffield Avenue Undercrossing. Rehabilitate roadway.  (G13 Contingency)	1C820 2019-20	R/W: \$5,560 * Const: \$119,100	PA&ED: \$9,20 PS&E: \$9,50 R/W Sup: \$9,80 * Con Sup: \$30,80	30 Prior 40 Prior	PA&ED: 11/27/2017 R/W Cert: 2/5/2019 RTL: 2/28/2019 Begin Con: 10/29/2019
	(G13 Contangency)		Subtotal: \$124,660  Total Project Cost: * Construction Capital	\$50,4 <b>\$175,1</b> : al and * Constructi	30	ase are NOT authorized
Carryover			Program Code Performance Measu	201.120 Roadwa		n (3R)
05-Santa Barbara-1 R36.4/49.2 2586 0514000110	Near Santa Maria, from Solomon Road to Route 166. Pavement rehabilitation.	e 1G130 2019-20	R/W: \$795 Const: \$9,583	PA&ED: \$5 PS&E: \$9 R/W Sup: \$10 Con Sup: \$90	16 18-19 04 18-19	PA&ED: 7/2/2018 R/W Cert: 8/1/2019 RTL: 11/1/2019 Begin Con: 5/21/2020
Carryover			Subtotal: \$10,378  Total Project Cost:  Program Code  Performance Measu	201.121 Paveme	18 ent Rehabilitatio	on (CAPM)
Carryover			Terror mance Measu	10.0 Lane III.	110(3)	
05-Santa Barbara-101 46.2/R52.3 2700 0517000002	Near Gaviota, from 1.0 mile south of Gaviota Gorge Tunnel to 0.1 mile north of Nojoqui Creek Bridge. Upgrade guard railing, widen shoulders, place High Friction Surface Treatment (HSFT), construct retaining walls,	1H860 2021-22	R/W: \$21 * Const: \$59,218	PA&ED: \$2,10 PS&E: \$2,60 R/W Sup: \$ * Con Sup: \$5,00	48 19-20 74 19-20	PA&ED: 12/2/2019 R/W Cert: 5/21/2021 RTL: 9/22/2021 Begin Con: 5/2/2022
	cold plane pavement, Place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt concrete (RHMA).  (G13 Contingency)		Subtotal: \$59,239  Total Project Cost:  * Construction Capital	\$9,96 <b>\$69,1</b> 0 al and * Constructi	47	use are NOT authorized
Carryover			Program Code Performance Measu	201.121 Paveme		on (CAPM)
05-Santa Barbara-135 11.7/17.8 2629 0516000008	In and near Santa Maria, from Lakeview Road to Route 101. Upgrade ADA curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt concrete (RHMA).	1G970 2020-21	R/W: \$378 Const: \$14,372	PA&ED: PS&E: \$1,80 R/W Sup: \$1,80 Con Sup: \$2,30	32 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:	\$6,00 <b>\$20,8</b>		
			Program Code	201.121 Paveme	ent Rehabilitatio	on (CAPM)
Carryover			Performance Measu			, (C. I. III)

(\$1,000)



Dist-Co-Rte											
Post Mile PPNO		EA			a	COS Allocation					
EFIS	Location/Description	Prog Year	Сар	oital	Supp	ort	FY	Miles	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 ADA curb	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		
0310000012	ramps, cold plane pavement and place hot mix asphalt concrete (HMA).		Subtotal: Total Proje	\$7,250 ect Cost:	Con Sup.	\$7,840 <b>\$15,090</b>	21-22	Begin con.	112112022		
Carryover			Program (			avement R		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 Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	8/27/2018 6/15/2020 6/15/2020 12/4/2020		
			Total Proj	ect Cost.		\$7,312					
			Program (				ystem Resto	oration			
Carryover			Program (			Orainage Sy Culvert(s) (		oration			
	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						PA&ED: R/W Cert: RTL:	2/13/2020 11/12/2021 11/30/2021 7/22/2022		
MOBILITY  05-Santa Barbara-154  R5.8/R6.1  2674	west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations		Performan	\$888 \$6,827	PA&ED: PS&E: R/W Sup:	\$793 \$1,440 \$418	18-19 20-21 20-21	PA&ED: R/W Cert: RTL:	11/12/2021 11/30/2021		
MOBILITY  05-Santa Barbara-154  R5.8/R6.1  2674	west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations		R/W: Const:	\$888 \$6,827 \$7,715 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$793 \$1,440 \$418 \$1,614 \$4,265 \$11,980	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/12/2021 11/30/2021 7/22/2022		
MOBILITY  05-Santa Barbara-154  R5.8/R6.1  2674  0516000060	west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations and safety.		R/W: Const: Subtotal: Total Project Program C	\$888 \$6,827 \$7,715 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$793 \$1,440 \$418 \$1,614 \$4,265 \$11,980	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	11/12/2021 11/30/2021 7/22/2022		

Subtotal: \$321,717

Total (Capital + Support):

\$154,657 **\$476,374** 



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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital		Suppo		COS Allocation FY	ı Miles	tones
MAJOR DAMAGE	PESTORATION								
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 <b>\$3,600</b>			
New			Program (			ermanent ocation(s)	Restoration		
	HOTION		10110111111			ocuros(o)			
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 enhanced wet-night visibility striping.	2018-19	R/W: Const:	\$10 \$1,760	PA&ED: PS&E: R/W Sup: Con Sup:	\$230 \$300 \$75 \$450	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
Carryover			Subtotal: Total Proje  Program C  Performan	Code	201.010 S	\$1,055 \$2,825 afety Improblision(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 <b>\$15,902</b>			
Carryover			Program (		201.010 Saure 79 C	afety Improduction(s)			
04-Santa Clara-280 11.3 1488N 0415000184	In Cupertino, at northbound offramp to Foothil Expressway. Upgrade traffic signal system for right-turn movement.	1 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 <b>\$2,209</b>			
			Program (	Code	201.010 S	afety Impi	rovements		



New	Location/Description  ous routes, in various cities, at various as. Replace pedestrian push-buttons and neads with Accessible Pedestrian Signals and countdown timers and refreshalk markings to enhance pedestrian  a Clara County, on Routes 9, 17, 85, 87, 2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical ler cabinets, and install 28 new mance vehicle pullouts.		R/W: Const:	\$23 \$10,711 \$10,734 ct Cost:	Suppo PA&ED: PS&E: R/W Sup: Con Sup:	\$939 \$1,241 \$36 \$1,417 \$3,633 <b>\$14,367</b>	18-19 20-21 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/15/2020 3/2/2022 3/18/2022 7/29/2022
New         On variocation signal Features           04-Santa Clara-Var         On variocation signal Features           0416000049         (APS) a crosswa safety.           New         101, 15 location control mainter           1486A         location control mainter           New         04-Santa Clara-152 mainter           New         Merced vehicle existing	ous routes, in various cities, at various as. Replace pedestrian push-buttons and leads with Accessible Pedestrian Signals and countdown timers and refreshalk markings to enhance pedestrian  a Clara County, on Routes 9, 17, 85, 87, 2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical ler cabinets, and install 28 new	0K080 2021-22	R/W: Const:  Subtotal: Total Proje  Program Co	\$23 \$10,711 \$10,734 ct Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$939 \$1,241 \$36 \$1,417 \$3,633 <b>\$14,367</b>	18-19 20-21 21-22 21-22	PA&ED: R/W Cert: RTL:	7/15/2020 3/2/2022 3/18/2022
New	as. Replace pedestrian push-buttons and leads with Accessible Pedestrian Signals and countdown timers and refresh alk markings to enhance pedestrian  a Clara County, on Routes 9, 17, 85, 87, 2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical ler cabinets, and install 28 new	2J950	Const:  Subtotal: Total Proje  Program Co	\$10,711 \$10,734 ct Cost:	PS&E: R/W Sup: Con Sup:	\$1,241 \$36 \$1,417 \$3,633 <b>\$14,367</b>	20-21 21-22 21-22	R/W Cert: RTL:	3/2/2022 3/18/2022
New         In Santa 101, 15           1486A         location control mainter           0415000043         control mainter           New         04-Santa Clara-152         Near G           11.2/R35.2         Merced vehicle existing           0417000025         existing	a Clara County, on Routes 9, 17, 85, 87, 2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical ler cabinets, and install 28 new		Total Proje Program Co	ct Cost:	201.015 C	\$14,367	it D		
04-Santa Clara-9 In Santa 101, 15 1486A location control mainter  New  04-Santa Clara-152 Near G 11.2/R35.2 Merced vehicle existing	2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical der cabinets, and install 28 new		Performano		201.015 C	Collision Se	i. D		
New  04-Santa Clara-152 11.2/R35.2 1452E 0417000025 1101, 15 location control mainter  Near G Merced vehicle existing	2, 237, 280, 680, and 880 at various as. Relocate or shield existing electrical der cabinets, and install 28 new		R/W:		re 30 C	Collision(s)	-	luction	
New         04-Santa Clara-152       Near G         11.2/R35.2       Merced vehicle         1452E       vehicle existing			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
04-Santa Clara-152 Near G 11.2/R35.2 Merced 1452E vehicle 0417000025 existing			Subtotal: Total Proje	\$6,974 ct Cost:	(	\$4,345 <b>\$11,319</b>			
11.2/R35.2 Merced 1452E vehicle 0417000025 existing			Program Co		201.015 C re 66 C	Collision Se	-	luction	
saicty.	ilroy, from Llagas Creek Bridge to the County line. Construct maintenance pull-outs and vegetation control under g guardrail to improve highway worker	2K800 2021-22	R/W: Const:	\$10 \$6,590	PA&ED: PS&E: R/W Sup: Con Sup:	\$800 \$1,000 \$45 \$700	18-19 19-20 19-20 20-21		8/31/2020 10/29/2021 11/30/2021 6/20/2022
			Subtotal: Total Proje	\$6,600 ct Cost:		\$2,545 <b>\$9,145</b>			
New			Program Co		201.235 N		e Access	ovements/ Free	vay
R0.0/L5.4 17/880	near San Jose, from Route 101 to Route Separation. Pave extended gore areas row strips to improve highway worker	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 Proje	\$4,005 ct Cost:		\$2,115 <b>\$6,120</b>			
New			Program Co		201.235 N		e Access	ovements/ Free	vay



		(\$	1,000)						altrans <sup>,</sup>
Dist- Co-Rte Post Mile PPNO		EA				1			
EFIS	Location/Description	Prog Year	Capital		Suppo	ort	FY	Miles	tones
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: \$8	\$10 8,814	PA&ED: PS&E: R/W Sup: Con Sup:	\$440 \$1,320 \$110 \$1,320	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: \$8  Total Project C	3,824 Cost:		\$3,190 <b>\$12,014</b>			
Carryover			Program Code Performance M		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 ADA standards.	0K010 2021-22		,614 5,193	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
	Stanuarus.		Subtotal: \$7 Total Project C	7,807	K	\$5,206 <b>\$13,013</b>			
Nav			Program Code					vilities Act New	Curb Ramp
New			Performance N			Curb ramp(		<u> </u>	
04-Santa Clara-85 18.0/24.1	In Cupertino, Sunnyvale and Mountain View, from Stevens Creek Boulevard to Route 101;	2G730 2018-19	R/W: Const: \$1	\$50 1,853	PA&ED: PS&E:	\$442 \$663	Prior Prior	PA&ED: R/W Cert:	9/26/2017 5/1/2019
0434G 0400021202	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				R/W Sup: Con Sup:	\$102 \$730	Prior 18-19		5/16/2019 12/23/2019
	ADA standards.	) \	Subtotal: \$1  Total Project C	,903 C <b>ost:</b>		\$1,937 <b>\$3,840</b>			
Carryover			Program Code Performance M			americans Eurb ramp(		ilities Act New	Curb Ramp
BRIDGE PRESER	RVATION								
04-Santa Clara-9 4.9 0386F 0412000409	Near Saratoga, at Saratoga Creek Bridge No. 37 -0074. Replace bridge.	3G630 2019-20		5,779 1,668	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,800 \$1,400 \$396 \$1,526	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 4/15/2020 5/6/2020 10/19/2020
			Subtotal: \$18 Total Project C			\$6,122 <b>\$24,569</b>			





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Dist- Co-Rte Post Mile PPNO		EA				I	COS Allocation	1	
EFIS	Location/Description	Prog Year	Capita	ıl	Suppo	ort	FY	Miles	tones
04-Santa Clara-101 0481H 0414000013	In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at 8 locations.	0J560 2019-20	R/W: Const: \$1	\$30 10,711	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,250 \$30	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/14/2018 3/16/2020 6/15/2020 12/21/2020
			Subtotal: \$1  Total Project	10,741 Cost:		\$6,780 <b>\$17,521</b>			
Carryover			Program Cod Performance			•	Replacem	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 Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	2/27/2018 3/1/2019 3/15/2019 10/28/2019
			Subtotal: S Total Project	\$2,504 Cost:	(	\$2,794 \$ <b>5,298</b>			
Carryover			Program Cod Performance		201.113 E re 3 E	Bridge Seis Bridge(s)	mic Restor	ration	
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 Bodfsh Creek Bridge.	2J780 2019-20	R/W: Const:	\$10 \$2,391	PA&ED: PS&E: R/W Sup: Con Sup:	\$900 \$750 \$44 \$600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2018 5/1/2020 6/1/2020 12/22/2020
	Bridge preventative maintenance.		Subtotal: Subtotal Subtotal Project	\$2,401 Cost:		\$2,294 <b>\$4,695</b>			
			Program Cod	le	201.119 E	Bridge Prev	entative M	Iaintenance	
Carryover			Performance			Bridge(s)			
DOADWAY DDEG	VEDVATION.								
ROADWAY PRES 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: \$3	\$20 30,141	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,750 \$2,750 \$150 \$3,150	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: \$3 Total Project	30,161 Cost:		\$7,800 <b>\$37,961</b>			
Carryover			Program Cod Performance			avement R		on (CAPM)	



		(3	1,000)						arans"
Dist- Co-Rte Post Mile							COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		Anocation FY	1 Miles	tones
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. Pavement rehabilitation and ADA upgrades.	4J282 t 2018-19	R/W: Const:	\$180 \$2,711	PA&ED: PS&E: R/W Sup: Con Sup:	\$603 \$180 \$703	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
			Subtotal: Total Proje	\$2,891 ect Cost:		\$1,486 <b>\$4,377</b>			
Carryover			Program C			avement R		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:	\$360 \$22,885	PA&ED: PS&E: R/W Sup: Con Sup:	\$888 \$1,974 \$99 \$1,974	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: Total Proje	\$23,245 ect Cost:	(	\$4,935 <b>\$28,180</b>			
New			Program C			avement R		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:	\$125 \$14,165	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,400 \$1,600 \$58 \$1,800	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/15/2018 8/15/2018 10/1/2018 3/18/2019
			Subtotal: Total Proje	\$14,290 ect Cost:		\$4,858 <b>\$19,148</b>			
Carryover			Program C			avement R		on (CAPM)	
04-Santa Clara-280 11.5/20.6 0449A 0415000131	In and Near Los Altos, Los Altos Hills, and Palc 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:	\$50 \$47,574	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,284 \$48	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: Total Proje			\$11,846 <b>\$59,470</b>			
			Program C	ode	201.121 P	avement R	Rehabilitati	on (CAPM)	





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Dist- Co-Rte Post Mile PPNO	V. d. (D. d.)	EA			COS Allocat			S tion		
EFIS	Location/Description	Prog Year	Car	oital	Supp	ort	FY	Miles	tones	
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:	\$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: Total Proj			\$13,823 <b>\$69,390</b>				
Carryover			Program (			Roadway R	ehabilitations)	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: Total Proj	\$8,285 ect Cost:	K	\$6,890 <b>\$15,175</b>				
					7					
New			Program ( Performan			•	l Improvem le hour(s) o	nents of delay (DVH	D)	
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: Total Proj	\$71,642 ect Cost:		\$7,431 <b>\$79,073</b>				
Carryover			Program (			1	I Improvem	nents of delay (DVH	D)	
ROADSIDE PRES	FRVATION									
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, on Route 85 (PM 0.0 to 1.1), and Route 237 (PM 2.2 to R4.9). Repair and modernized roadside irrigation facilities.	4J930 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: R/W Cert: RTL: Begin Con:		
			Subtotal: Total Proj	\$2,024 ect Cost:		\$1,563 <b>\$3,587</b>				
Nav			Program (				lanting Res	storation		
New			Performan	ice Measu	re 12 A	Acre(s)				



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

Santa Clara	Count	y			
	R/W:	\$68,305	PA&ED:	\$31,030	
	Const:	\$283,808	PS&E	\$35,316	
			R/W Sup	\$3,138	
			Con Sup	\$41,201	
	Subtotal:	\$352,113		\$110,685	
	Total (Ca	pital + Sup	port):	\$462,798	





		(+	1,000)					-	wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Suppo		COS Allocation FY		stones
COLLISION RED	LICTION								
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: Const:	\$658 \$5,811	PA&ED: PS&E: R/W Sup: Con Sup:	\$217	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2017 8/1/2019 11/1/2019 5/1/2020
	Connector to southbound route 1:		Subtotal: Total Proje	\$6,469 ect Cost:		\$4,912 <b>\$11,381</b>			
Carryover			Program C		201.010 S re 140 C	afety Imp			
05-Santa Cruz-129 1.4 2625 0516000010	Near Watsonville, at Lakeview Road. Construct roundabout and improve street lighting.	1G990 2019-20	R/W: Const:	\$749 \$4,481	PA&ED: PS&E: R/W Sup: Con Sup:	\$782 \$1,341 \$441 \$1,335	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	11/1/2017 4/1/2020 6/1/2020 11/1/2020
			Subtotal: Total Proje	\$5,230 ect Cost:	X	\$3,899 <b>\$9,129</b>			
Carryover			Program C Performan		201.010 S re 46 C	afety Imp Collision(s			
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 pull outs, repairing guardrail, improve gate access and relocate irrigation equipment.	1C980 2018-19	R/W: Const:	\$5 \$2,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$652 \$1,097 \$49 \$1,225	Prior Prior Prior 18-19	R/W Cert: RTL:	11/1/2017 12/31/2018 3/26/2019 11/21/2019
			Subtotal: Total Proje	\$2,905 ect Cost:		\$3,023 <b>\$5,928</b>			
Carryover			Program C		201.235 N		ce Access	vements/ Free	way
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: Const:	\$86 \$2,024	PA&ED: PS&E: R/W Sup: Con Sup:	\$745 \$1,192 \$1,287 \$812	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	10/4/2017 4/27/2020 5/4/2020 10/30/2020
			Subtotal: Total Proje	\$2,110 ect Cost:		\$4,036 <b>\$6,146</b>			
Carryover			Program C				er Mitigation		





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Dist- Co-Rte Post Mile PPNO		EA			a		COS Allocation		
EFIS	Location/Description	Prog Year	Сар	ital	Supp	ort	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 <b>\$12,557</b>			
New			Program (				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 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 <b>\$1,562</b>			
Carryover			Program C				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 <b>\$3,372</b>			
Carryover			Program (			Americans Curb ramp(		ilities Act New	Curb Ramp
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
	ADA standards.	•	Subtotal: Total Proje	\$3,452 ect Cost:		\$6,203 <b>\$9,655</b>			
			Program (	`ode	201 361 4	mericans	with Disahi	ilities Act New	Curb Ramp



			-,,			arous
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
BRIDGE PRESER	PVATION					
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 3 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 <b>Total Project Cost:</b>	\$10,622 <b>\$23,21</b> 0		
Carryover			Program Code Performance Measu	201.110 Bridge M		tation
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 Raure 1375 Linear fee	_	ent 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 5 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 <b>\$7,703</b>		
Carryover			Program Code Performance Measu	201.119 Bridge Pr are 1 Bridge(s)		aintenance
ROADWAY PRES	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 <b>Total Project Cost:</b>	\$2,728 <b>\$17,699</b>		
Carryover			Program Code Performance Measu	201.121 Pavement are 32 Lane mile		on (CAPM)



31,9/35.7   Swanton Road to 0.6 mile south of Waddell   2021-22   Const: \$3,570   PS&E: \$1,940   19-20   R/W Cert: 7/9/20   R/W Sup: \$344   19-20   RTL: 7/19/20   RTL: 7			(\$	1,000)						altrans°	
Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Crorugated Metal Pipe (CMP) culverts with Reinforced Concrete Pipe (RCP) culverts.   Subtotal: \$3,570   PS&E: \$1,940   19-20   RTW: 71/9/20   RTW: 71/9	Post Mile PPNO	Location/Description		Cap	ital	Suppo		Allocation	location		
Total Project Cost: \$8,267  Program Code 201.151 Drainage System Restoration Performance Measure 4 Culvert(s) (ea)  OADSIDE PRESERVATION  05-Santa Cruz-17 Near Scotts Valley, from 0.06 miles south of 2,4/9.6 Laurel Road to 0.25 miles north of Laurel Road. 2019-20 *Construct wildlife Undercrossing.  0514000131 Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.  Carryover Program Code 201.151 Drainage System Restoration Performance Measure 4 Culvert(s) (ea)  Program Code 8,7/17/20  R/W: \$138 PA&ED: \$738 Prior PA&ED: 7/17/20  R/W Cert: 8/13/20  R/W Sup: \$226 18-19 R/W Cert: 8/13/20  R/W Cert: 8/13/20  R/W Sup: \$226 18-19 R/W Cert: 8/13/20  R/W Cert: 8/13/20  R/W Sup: \$226 18-19 R/W Cert: 8/13/20  R/W Sup: \$226 18-19 R/W Cert: 8/13/20  R/W Cert: 8/1	31.9/35.7 1967	Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Corrugated Metal Pipe (CMP) culverts with		Const:	\$3,570	PS&E: R/W Sup:	\$1,940 \$344 \$1,365	19-20 19-20	R/W Cert: RTL:	1/30/2020 7/9/202 7/19/202 12/27/202	
Carryover  OADSIDE PRESERVATION  05-Santa Cruz-17 9,4/9,6 2593 0514000131  Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.  Carryover  Performance Measure 4 Culvert(s) (ea)  R/W: \$138 PA&ED: \$738 Prior PA&ED: 7/17/20 *Const: PS&E: \$2,013 18-19 R/W Sup: \$226 18-19 RTL: 2/4/20 Begin Con: 9/20/20  Subtotal: \$138 \$2,977  Total Project Cost: \$3,115 *Const, *Con Sup phase(s) are NOT authorized  Program Code 201.240 Roadside Enhancement  Performance Measure 1 Location(s)					. ,						
05-Santa Cruz-17 9.4/9.6 2593 Construct wildlife Undercrossing.  0514000131  Components.  Near Scotts Valley, from 0.06 miles south of Laurel Road. 2019-20 2593 Construct wildlife Undercrossing.  8/W Const: PS&E: \$2,013 18-19 R/W Cert: 8/13/20 R/W Sup: \$226 18-19 RTL: 2/4/20 Subtotal: \$138 S2,977 Total Project Cost: **Const, **Con Sup phase(s) are NOT authorized*  Program Code  201.240 Roadside Enhancement Performance Measure  1 Location(s)	Carryover			8					oration		
05-Santa Cruz-17 9.4/9.6 2593 Construct wildlife Undercrossing.  0514000131  Components.  Near Scotts Valley, from 0.06 miles south of Laurel Road. 2019-20 2593 Construct wildlife Undercrossing.  8/W Const: PS&E: \$2,013 18-19 R/W Cert: 8/13/20 R/W Sup: \$226 18-19 RTL: 2/4/20 Subtotal: \$138 S2,977 Total Project Cost: **Const, **Con Sup phase(s) are NOT authorized*  Program Code  201.240 Roadside Enhancement Performance Measure  1 Location(s)	OADSIDE PRES	SERVATION									
Local contributions to fund remaining components.  Subtotal: \$138 \$2,977  Total Project Cost: \$3,115  * Const, * Con Sup phase(s) are NOT authorized  Program Code 201.240 Roadside Enhancement  Carryover Performance Measure 1 Location(s)	05-Santa Cruz-17 9.4/9.6 2593	Near Scotts Valley, from 0.06 miles south of Laurel Road to 0.25 miles north of Laurel Road Construct wildlife Undercrossing.			,	PS&E: R/W Sup:	\$2,013	18-19	R/W Cert: RTL:	7/17/2018 8/13/2020 2/4/202 9/20/202	
Program Code 201.240 Roadside Enhancement  Carryover Performance Measure 1 Location(s)		Local contributions to fund remaining		Total Proje	ect Cost:		\$3,115				
Carryover Performance Measure 1 Location(s)											
	Carryover							nhancemen	t		
Santa Cruz County					)						
		Sar	ıta Cruz	County							

Santa Cru	z County
	R/W: \$3,474 PA&ED: \$12,900 Const: \$62,834 PS&E: \$21,889 R/W Sup: \$5,197 Con Sup: \$19,605
	Subtotal: \$66,308 \$59,591 <b>Total (Capital + Support):</b> \$125,899

#### 2018 SHOPP Project List Shasta



		(Ψ.	1,000)						Julie
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cox	oital	Supp		COS Allocation FY	ı Miles	tonos
EFIS	Location/Description	rrog rear	Cap	ліаі	Supp	JΓt	FI	Ivilles	tones
OLLISION RE	<u>DUCTION</u>							_	
02-Shasta-44	Near Viola, from 0.4 mile east to 1.1 miles east		R/W:	\$14	PA&ED:	\$670	Prior	PA&ED:	1/16/2019
51.6/52.2	of Bridge Creek Road. Curve Improvement.	2019-20	Const:	\$3,100	PS&E:	\$810	18-19	R/W Cert:	12/2/201
3673 0217000045					R/W Sup: Con Sup:	\$80 \$730	18-19 19-20	RTL: Begin Con:	1/2/202 5/5/202
0217000043					Con Sup.	\$730	19-20	Begin con.	3/3/202
			Subtotal:	\$3,114		\$2,290			
			Total Proj	ect Cost:		\$5,404			
Carryover			Program (		201.010 S re 14 C	afety Imp			
02-Shasta-5	Near Shasta Lake City, at O'Brien Safety	4G580	R/W:	\$3	PA&ED:	\$400	Prior	PA&ED:	12/1/201
R31.0/R31.7	Roadside Rest Area (SRRA). Upgrade potable		Const:	\$3,007	PS&E:	\$1,180	Prior	R/W Cert:	7/1/201
3552	water system and wastewater systems.			. ,	R/W Sup:	\$140	Prior	RTL:	10/1/201
0214000027					Con Sup:	\$940	19-20	Begin Con:	3/1/202
			Subtotal:	\$3,010		\$2,660			
			Total Proj	,		\$5,670			
Carryover			Program ( Performan		201.235 N		e Access	ovements/ Free	way
ANDATES									
02-Shasta-273	In Redding, from 0.1 mile north of South	1H720	R/W:	\$402	PA&ED:	\$0		PA&ED:	9/30/201
14.9/15.7	Redding Underpass to 0.1 mile north of	2021-22	Const:	\$2,400	PS&E:	\$1,200	18-19	R/W Cert:	7/9/202
3626	California Street. Construct ADA compliant ramps and sidewalks.				R/W Sup:	\$750	18-19	RTL:	8/13/202
0216000033	rumps and sidewarks.				Con Sup:	\$1,050	21-22	Begin Con:	2/4/202
			Subtotal:	\$2,802		\$3,000			
			Total Proj	ect Cost:		\$5,802			
V			Program (		201.378 I	nfrastructu	ire	ilities Act Pede	strian
New			Performan	ice Measu	re 19 C	Curb ramp(	(S)		
RIDGE PRESE	RVATION								
02-Shasta-5	Near Dunsmuir, at Crag View Drive	4G41U	R/W:	\$36	PA&ED:	\$1,250	Prior	PA&ED:	2/1/201
	Undercrossing Bridge No. 06-0095 (PM 66.8);	2018-19	Const:	\$16,860	PS&E:	\$2,880	Prior	R/W Cert:	2/22/201
	-14 Ci D J IIJ N - 06 0111				R/W Sup:	\$260	Prior	RTL: Begin Con:	3/26/201
3543	also, at Sims Road Undercrossing No. 06-0111 (PM 57.4) Replace bridges				Con Sup:	\$4,799	18-19	Begin Con.	8/27/201
3543 0218000047	also, at Sims Road Undercrossing No. 06-0111 (PM 57.4). Replace bridges								
	,		Subtotal:	\$16,896		\$9,189			
	,		Subtotal: Total Proj			\$9,189 <b>\$26,085</b>			
	,		Total Proj	ect Cost:	201 110 5	\$26,085	or Dahahiti	tation	
	,			ect Cost:		\$26,085	or Rehabili	tation	

#### 2018 SHOPP Project List Shasta



		(\$	1,000)						altrans <sup>.</sup>
Dist-Co-Rte Post Mile PPNO		EA					COS Allocation		
02-Shasta-5 R32.2 3630	Near Lakehead, at O'Brien Undercrossing No. 06-0148L. Rehabilitate bridge deck with concrete overlay, upgrade bridge rails, and	1H390 2020-21	R/W:	\$7 \$2,215	PA&ED: PS&E: R/W Sup:	\$250 \$600 \$40	18-19 19-20 19-20	PA&ED: R/W Cert:	11/5/2019 9/25/2020 10/26/2020
0216000041	construct approach slabs.				Con Sup:	\$580	20-21	Begin Con:	
			Subtotal: Total Project	\$2,222 t Cost:		\$1,470 <b>\$3,692</b>			
New			Program Coo		201.110 B re 1 B	ridge Majo ridge(s)	or Rehabili	tation	
OADWAY PRE	SERVATION								
02-Shasta-5 R3.8/R7.0 3702 0218000024	In and near Anderson, from Route 273 to Sacramento River Bridge. Roadway rehabilitation, update signage and lighting, and add Intelligent Transportation System (ITS) elements.	3H730 2018-19		\$1,221 18,081	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$3,000 \$220 \$3,900	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/11/2017 2/22/2019 3/26/2019 9/24/2019
	elements.		Subtotal: \$ Total Project	19,302 t Cost:	K	\$7,120 <b>\$26,422</b>			
Carryover			Program Coo		201.120 R re 6.4 L	oadway R ane mile(s		on (3R)	
02-Shasta-5 R6.2/R11.7 3670 0217000026	In and near Anderson, from south of Riverside Avenue Overcrossing to south of South Bonnyview Road/Churn Creek Road Overcrossing. Rehabilitate roadway, upgrade	2H880 2018-19	R/W: Const: \$	13,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,200	18-19	PA&ED: R/W Cert: RTL: Begin Con:	11/30/2015 5/4/2018
	median barrier, update signage and lighting, and add Intelligent Transportation System (ITS)	d	Subtotal: \$	13,900		\$2,200			
	elements. This project is combined with an existing STIP project 02-4C403.	) `	Total Project			\$16,100			
New			Program Coo			avement R ane mile(s		on (CAPM)	
02-Shasta-299 67.8/77.8 3618 0216000036	Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pavement, upgrade guardrail, and make curbs ADA compliant.	1H570 2021-22	R/W: Const: \$	\$436 11,165	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$1,020	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
			Subtotal: \$ Total Project	11,601 t Cost:		\$6,180 <b>\$17,781</b>			

#### 2018 SHOPP Project List Shasta



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

Shasta Count	. <b>y</b>		
R/W:	\$2,119	PA&ED:	\$4,000
Const:	\$70,728	PS&E:	\$10,970
		R/W Sup:	\$2,510
		Con Sup:	\$16,629
Subtotal:	\$72,847		\$34,109
Total (Ca	pital + Sup <sub>l</sub>	port):	\$106,956



#### 2018 SHOPP Project List Sierra



		(3)	1,000)						aurans"
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		tones
COLLISION REI	DUCTION								
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	ce Measu		ollision(s)	reduced	1	
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			
			Program (	Code	201.150 R	oadway Pi	rotective B	etterments	
New			Performan	ce Measu	re 1 L	ocation(s)			
		O:							
		Sierra	County						
			R/W: Const:	\$140 \$6,510	PA&ED: PS&E: R/W Sup: Con Sup:	\$455 \$1,465 \$220 \$1,490			
			~			02 (20			
			Subtotal:	\$6,650		\$3,630			

# 2018 SHOPP Project List Siskiyou



		(+	-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capit	tal	Suppo		COS Allocation FY		tones
COLLISION REI	DUCTION								
02-Siskiyou-5 0.0/R69.2 3507 0213000002	In and near various cities, at various locations, from Shasta County line to Oregon State line (PM R69.293). Enhance traffic safety by improving the roadside clear recovery zone.	4F520 2021-22	R/W: Const:	\$95 \$3,540	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$1,000 \$200 \$1,250	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2020 7/23/2021 8/23/2021 12/14/2021
			Subtotal: Total Project	\$3,635 et Cost:		\$3,450 <b>\$7,085</b>			
New			Program Co			Collision S	everity Red ) reduced	uction	
02-Siskiyou-5 R25.4/R25.9 3657 0216000114	Near Weed, from 0.2 mile south to 0.3 mile north of Weed Airport Safety Roadside Rest Area. Upgrade wastewater and water systems.	2H130 2020-21	R/W: Const:	\$11 \$1,663	PA&ED: PS&E: R/W Sup: Con Sup:	\$260 \$770 \$30 \$680	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/16/2019 8/12/2020 9/16/2020 4/14/2021
			Subtotal: Total Project Program Co	G				vements/ Free	way
New			Performanc	e Measu	re 2 L	ocation(s)			
BRIDGE PRESEI	RVATION								
02-Siskiyou-3 38.0/38.6 3546 0214000013	North of Fort Jones, from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No. 02-0042. Bridge replacement.	4G440 2020-21	R/W: Const:	\$237 \$3,920	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,340 \$700 \$80 \$1,540	Prior 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	9/6/2019 7/31/2020 8/28/2020 2/26/2021
			Subtotal: Total Projec	\$4,157 et Cost:		\$3,660 <b>\$7,817</b>			
New			Program Co			sridge Maj sridge(s)	or Rehabili	tation	
02-Siskiyou-5 2.5/3.0 3614 0216000019	In Dunsmuir, from Central Dunsmuir Undercrossing to 0.1 mile north of Siskiyou Avenue at Sacramento River Bridge and Overhead No. 02-0002. Replace southbound bridge deck.	1H480 2021-22	R/W: Const:	\$269 \$14,350	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,440 \$2,660 \$450 \$3,480	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: S	\$14,619 et Cost:		\$8,030 <b>\$22,649</b>			
			Program Co	vde	201 110 B	ridge Mai	or Rehabili	tation	

# 2018 SHOPP Project List Siskiyou





51. 6 5.								altrans*
Dist- Co-Rte Post Mile PPNO		EA				COS Allocation		
EFIS	Location/Description	<b>Prog Year</b>	Capital	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	Const: \$1,85	R/W Sup: Con Sup:	\$320 \$750 \$40 \$710	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	10/7/2019 9/25/2020 10/26/2020 4/10/2021
			Subtotal: \$1,85  Total Project Cost		\$1,820 <b>\$3,678</b>			
New			Program Code Performance Mea	201.110 B sure 1 B	Bridge Maj Bridge(s)	or Rehabil	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. 0.		* R/W: \$14 * Const: \$28,20		\$2,790 \$1,820 \$90 \$6,200	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
	-0150R&L (PM R48.2); also, in Redding, Shasta County, at N273-N5 Connector OC No. 06-0137G (PM R18.5). Establish standard vertical clearance and improve to standard truck capacity.		Subtotal: \$28,34  Total Project Cost  * Const, * R/W, * I	:	\$10,900 <b>\$39,249</b> Sup, * Con	Sup phase	(s) are NOT au	thorized
Carryover	ACCELERATED BRIDGE (PA&ED Only)		Program Code Performance Mea		rans Perm Bridge(s)	it Requirer	nents for Bridg	es
DADWAY PRE	SEDVATION							
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	R/W: \$1,48 Const: \$52,95		\$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 ADA standards, designate bikeways with new signage and pavement delineation.	) \	Subtotal: \$54,43  Total Project Cost		\$19,560 <b>\$73,992</b>			
New			Program Code Performance Mea	201.120 R sure 12.95 L	•		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: \$13 * Const: \$116,04		\$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
	(G1) Contingency)		Subtotal: \$116,17  Total Project Cost * Construction Cap	t: S	\$19,650 <b>\$135,825</b> astruction S	Support ph	ase are NOT a	uthorized
			Program Code	201.122 R	loadway R	ehabilitatio	on (2R)	

# 2018 SHOPP Project List Siskiyou



			Caltrans*						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capita	CO Alloca Support F					
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:	3/29/2019 2/17/2020 3/2/2020 9/1/2020
			Subtotal: \$ Total Project	\$2,270 Cost:		\$3,360 <b>\$5,630</b>			
C			Program Cod		201.151 D			oration	
Carryover			Performance	Measu	re 20 C	ulvert(s) (	ea)		
MOBILITY 02-Siskiyou-5 3556 0214000030	In Siskiyou and Shasta counties on Routes 5 an 89 at various locations. Upgrade Transportatio Management System (TMS) field elements.		R/W: Const: \$	\$196 \$3,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$710 \$140 \$720	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	12/15/2017 1/22/2019 1/28/2019 8/6/2019
			Subtotal: \$ Total Project	\$3,796 Cost:	V	\$1,960 <b>\$5,756</b>			
Carryover			Program Cod Performance			ransportat	·	ement Systems	;
Carryover			T CI TOI Mance	Measu	101	icia cicine	111(3)		
		Siskiyou	County						
		1		\$2,781 28,184	PA&ED: PS&E:	\$12,030 \$16,430			

R/W Sup: \$7,520 Con Sup: \$38,150

\$74,130

\$305,095

Subtotal: \$230,965

Total (Capital + Support):

Exhibit F	



		(D	1,000)						altrans°
Dist-Co-Rte Post Mile PPNO		EA			~		COS Allocation		
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	ort	FY	Miles	tones
MAJOR DAMAG 04-Solano-680 R1.9/R2.0 1498M 0415000246	GE RESTORATION  In Benicia, from north of Industrial Way to south of Lake Herman Road. Repair slip-outs 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 <b>\$2,695</b>			
Carryover			Program C			ermanent location(s)	Restoration	ı	
BRIDGE PRESEF	PVATION								
04-Solano-84 12.1/12.2 0886 0400000343	Near Rio Vista, at Miner Slough Bridge No. 23 -0035. Replace bridge.	0G660 2018-19	R/W: Const:	\$2,884 \$24,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,098	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/29/2017 8/1/2018 11/30/2018 7/22/2019
Carryover			Subtotal: Total Proje  Program C  Performan	Code	201.110 B	\$8,398 \$35,782 rridge Majorridge(s)	or Rehabili	tation	
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 <b>\$3,185</b>			
Carryover			Program C Performan		201.111 B	ridge Scou	ır 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
	•		Subtotal: Total Proje	\$1,802 ect Cost:		\$2,816 <b>\$4,618</b>			
Carryover			Program C			ridge Prev	entative M	aintenance	





		(2	1,000)						dtars*
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	1	
EFIS	<b>Location/Description</b>	Prog Year	: Capital		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).			\$350 12,630	PA&ED: PS&E: R/W Sup: Con Sup:		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 Project	12,980 Cost:		\$6,500 <b>\$19,480</b>			
New			Program Coo			Bridge Prev Bridge(s)	ventative M	laintenance	
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: \$		PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$2,057 \$2,624 \$22 \$2,416	19-20 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
C			Total Project * Const, * R/V Program Coc	W, * PSo	201.322 Т	rans Perm		(s) are NOT aud	
Carryover			Performance	Measu	re 1 E	Bridge(s)			
04-Solano-80 1.8/4.4 0481R 0414000029	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	R/W: Const: \$	\$10 15,951	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,154 \$154	Prior 18-19 18-19 18-19	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2018 7/1/2019 6/30/2019 6/1/2020
	ACCELERATED BRIDGE		Subtotal: \$	15,961		\$6,037			
			Total Project	Cost:		\$21,998			
			Program Coo	de			it Requirer	nents for Bridge	es
Carryover			Performance	Measu	re 6 E	Bridge(s)			
OADWAY PRES	SERVATION								
04-Solano-12 20.6/26.4 0480P 0414000020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation.	0J630 2021-22		\$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
2.12.1000020	(G13 Contingency)		Total Project	76,183 Cost:		\$26,010 <b>\$102,193</b>		ase are NOT au	
			Program Coo			•	ehabilitatio	on (3R)	
New			Performance	ıvıeasu	re 9./ L	ane mile(s	5)		





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

Solano Coun	ty		
R/W	\$6,708	PA&ED:	\$14,837
Const	\$141,382	PS&E:	\$18,132
		R/W Sup:	\$4,532
		Con Sup:	\$23,416
Subtotal	\$148,090		\$60,917
Total (C	apital + Sup	port):	\$209,007





		(2)	1,000)					- 4	altrans°	
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation			
EFIS	Location/Description	Prog Year	Capital		Suppo	ort	FY	Miles	stones	
04-Sonoma-1 26.7/27.0 0482T	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slip-outs.	0J300 2020-21	R/W: Const:	\$215 \$13,856	PA&ED: PS&E: R/W Sup:	\$2,106 \$2,496 \$208	18-19 18-19 18-19		4/15/2019 9/15/2020 12/15/2020	
0413000433			Subtotal: Total Proj	\$14,071 ject Cost:	Con Sup:	\$2,288 \$7,098 <b>\$21,169</b>	20-21	Begin Con:	8/15/2021	
New			Program (	Code nce Measu		Permanent Location(s)	Restoration	ı		
04-Sonoma-101 9.0 0481B 0413000408	Near Petaluma, north of Pepper Road. Repair slide.	0J100 2018-19	R/W: Const:	\$850 \$800	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:	12/13/2018 3/15/2019	
Carryover			Program	\$1,650 ject Cost: Code nce Measu	201.131 P	\$2,273 \$3,923 Permanent Location(s)	Restoration	ı		
COLLICION DEI	NICTION									
04-Sonoma-121 3.4/6.5 0738 0400020007	Near Schellville, from north of Tolay Creek Bridge to south of Yellow Creek Bridge. Wide 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:	6/1/2020	
			Subtotal: Total Proj	\$31,264 ject Cost:		\$12,250 <b>\$43,514</b>				
Carryover			Program (		201.010 S re 13 C	afety Impr Collision(s)				
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 locations. Install hybrid beacons, stop and yield	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	
	lines, crosswalks and bulbouts, and upgrade curb ramps to enhance pedestrian safety.	•	Subtotal: Total Proj	\$2,813 ject Cost:		\$2,680 <b>\$5,493</b>				
New			Program (	Code nce Measu		Collision Se	everity Red reduced	luction		



		(\$	1,000)					- (	altrans°
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY		stones
04-Sonoma-12 9.5/31.3 0480E 0414000025	In various cities, on Routes 12, 101, and 116 at various locations; also in Marin County on Route 101 at various locations. Highway worker safety improvements.	0J680 2018-19	R/W: Const:	\$10 \$2,190	PA&ED: PS&E: R/W Sup: Con Sup:	\$308 \$550 \$44 \$550	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL:	10/31/2017 3/20/2019 5/1/2019 12/10/2019
			Subtotal: Total Proje	\$2,200 ect Cost:		\$1,452 <b>\$3,652</b>			
Carryover			Program C		201.235 N		e Access	ovements/ Free	way
04-Sonoma-116 8.5/10.5 1487F 0415000085	Near Monte Rio and Cloverdale, on Routes 116 and 128; also in Marin County, on Route 101, a 0.4 mile north of Sir Francis Drake Boulevard (PM 9.25). Stabilized soil and erosion control to mitigate for storm water quality.		R/W: Const:	\$370 \$2,816	PA&ED: PS&E: R/W Sup: Con Sup:	\$685 \$670 \$80 \$655	Prior 18-19 Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Proje  Program C	ode	201.335 S		er Mitigatio		
Carryover  04-Sonoma-116 11.8/R12.2 1491B 0415000351	Near Guerneville, from Brookside Lane to Rive Road. Upgrade curb ramps and sidewalk, and install Accessible Pedestrian Signal (APS) pushbuttons to make facilities compliant with	er 4J460 2021-22	Performan R/W: Const:	\$68 \$2,990	PA&ED: PS&E: R/W Sup: Con Sup:	\$300 \$850 \$225 \$850	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 1/20/2022 5/2/2022 11/11/2022
	the ADA standards.		Subtotal: Total Proje	\$3,058 ect Cost:		\$2,225 <b>\$5,283</b>		•	
New			Program C			Americans Curb ramp(		ilities Act Nev	Curb Ramp
RIDGE PRESE	RVATION								
04-Sonoma-12 25.8/33.3 0269M 0413000080	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	4H050 2019-20	R/W: Const:	\$150 \$9,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,519 \$2,650 \$500 \$2,000	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	6/1/2018 12/16/2019 2/7/2020 12/1/2020
			Subtotal: Total Proje	\$9,150 ect Cost:		\$6,669 <b>\$15,819</b>			
a			Program C			-	ur Mitigatio	on	
Carryover			Performan	ce ivieasu	re 2 B	Bridge(s)			





		(\$	1,000)						altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	ı 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	R/W: Const:	\$116 \$4,343		\$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 Proje	\$4,459 ect Cost:		\$2,548 <b>\$7,007</b>			
New			Program C		201.112 B	•	Replaceme	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 Proje	\$1,157 ect Cost:	7	\$1,890 <b>\$3,047</b>			
Carryover			Program C			eridge Preveridge(s)	ventative M	aintenance	
OADWAY PRE	SERVATION								
04-Sonoma-12 11.0/T17.4 1493M 0416000098	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard, and upgrade curb ramps to make ADA compliant.	0K520 2021-22	R/W: Const:	\$280 \$27,681	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,084 \$2,900 \$66 \$3,350	18-19 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	4/1/2020 11/1/2021 12/1/2021 5/2/2022
			Subtotal: Total Proje	\$27,961 ect Cost:		\$8,400 <b>\$36,361</b>			
New			Program C Performan			avement F 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 Proje	\$6,213 ect Cost:		\$2,486 <b>\$8,699</b>			
			Program C					on (CAPM)	
Carryover			Performan	ce Measu	re 7.6 L	ane mile(s	5)		



Dist-Co-Rte COS Post Mile Allocation PPNO EA FY **EFIS** Location/Description **Prog Year** Capital **Support Milestones** R/W: In and near Windsor, Healdsburg, and 0J642 \$890 PA&ED: \$5,149 6/30/2018 04-Sonoma-101 Prior PA&ED: Cloverdale, from Old Redwood Highway to 2 29.3/R54.3 2018-19 Const: \$68,200 PS&E: \$6,799 Prior R/W Cert: 6/20/2019 miles south of Mendocino County line. 1482F R/W Sup: 6/28/2019 \$170 Prior RTL: Roadway rehabilitation. 0414000476 Begin Con: Con Sup: \$7,600 18-19 11/1/2019 Subtotal: \$69,090 \$19,718 **Total Project Cost:** \$88,808 **Program Code** 201.122 Roadway Rehabilitation (2R) Carryover Performance Measure 43.2 Lane mile(s) R/W: PA&ED: 10/15/2020 04-Sonoma-1 Near Jenner, from south of Fort Ross Road to 1K730 PA&ED: \$744 Prior \$321 north of Moon Rock Campground at various 30.8/40.6 2021-22 \$4,256 PS&E: \$1,369 20-21 R/W Cert: 6/15/2022 Const: locations. Rehabilitate drainage culverts. 1453J R/W Sup: \$429 20-21 6/1/2022 RTL: 0416000307 Begin Con: Con Sup: \$1,385 21-22 1/1/2023 \$4,577 \$3,927 Subtotal: **Total Project Cost:** \$8,504 **Program Code** 201.151 Drainage System Restoration **Performance Measure** 22 Culvert(s) (ea) Carryover R/W: 04-Sonoma-1 Near Gualala, from north of Moon Rock 1K750 \$382 PA&ED: \$1,050 Prior PA&ED: 10/15/2020 Campground to 0.1 mile north of Vantage Road. 2021-22 41.5/54.6 Const: \$4,761 PS&E: \$1,571 20-21 R/W Cert: 6/15/2022 Rehabilitate drainage culverts. 1462M R/W Sup: \$286 20-21 RTL: 6/15/2022 Begin Con: 0416000309 Con Sup: \$1,040 21-22 1/16/2023 \$3,947 Subtotal: \$5,143 Total Project Cost: \$9,090 **Program Code** 201.151 Drainage System Restoration Carryover Performance Measure 26 Culvert(s) (ea) **MOBILITY** 04-Sonoma-37 Near Vallejo, at east of Route 121. Replace 1A210 R/W: \$10 PA&ED: \$506 Prior 4/1/2018 PA&ED: Weigh In Motion (WIM) systems. 2.6 2018-19 Const: \$2,280 PS&E: \$592 Prior R/W Cert: 7/15/2019 0763L R/W Sup: \$20 Prior RTL: 8/15/2019 0414000487 Con Sup: \$554 18-19 Begin Con: 12/30/2019 \$2,290 \$1,672 Subtotal: \$3,962 **Total Project Cost:** 201.321 Weigh Stations **Program Code** 

Performance Measure

2 Location(s)

Carryover





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

Sonoma County			
R/W:	\$10,127	PA&ED:	\$20,614
Const: \$	\$178,155	PS&E:	\$28,073
		R/W Sup:	\$4,264
		Con Sup:	\$28,374
Subtotal: \$	\$188,282		\$81,325
Total (Capit	tal + Supp	oort):	\$269,607

#### 2018 SHOPP Project List Stanislaus



		(4	1,000)						wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Allocation FY	Miles	tones
COLLISION RED	•								
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 Proje	\$4,006 ect Cost:		\$1,976 <b>\$5,982</b>			
Carryover			Program (		201.235 N		e Access	vements/ 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.	0 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 Proje Program (	G				vements/ Free	way
Carryover			Performan			ocation(s)			
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 vehicle pullouts to reduce maintenance and	0X670 2019-20	R/W: Const:	\$8 \$3,692 \$3,700	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
	improve highway worker safety.		Subtotal: Total Proje			\$2,235 <b>\$5,935</b>			
New			Program C		201.235 N		e Access	vements/ 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 Proje	\$2,427 ect Cost:		\$2,647 <b>\$5,074</b>			
Carryover			Program (				Waste Miti	gation	

#### 2018 SHOPP Project List Stanislaus





		<u>(</u> 3	1,000)						aurans <sup>*</sup>
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation	1	
EFIS	Location/Description	Prog Year	Capit	tal	Suppo		FY		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	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	5/31/2019 6/14/2019 1/31/2020
			Subtotal: Total Projec	\$397 et Cost:		\$1,095 <b>\$1,492</b>			
Carryover			Program Co			mericans urb ramp(		ilities Act New	Curb Ramp
10-Stanislaus-132 27.2/28.0 3241 1017000013	In Waterford, from Reinway Avenue to F Street Upgrade pedestrian facilities to make compliant with the ADA standards.		R/W: Const:	\$84 \$2,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$683 \$1,337 \$723 \$718	18-19 18-19 18-19 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/29/2019 8/2/2021 9/1/2021 3/18/2022
			Subtotal: Total Projec  Program Co		201.361 A	\$3,461 \$5,545 americans	with Disab	ilities Act New	Curb Ramp
New			Performance	e Measu	re 22 C	urb ramp(	s)		
10-Stanislaus-108 33.2 5411 1012000193	SERVATION  In and near Riverbank, at 8th Street. Repair slope with retaining wall.	0H480 2018-19	R/W: Const:	\$52 \$1,824	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,439 \$98 \$631	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	
			Subtotal: Total Projec	\$1,876 et Cost:		\$2,168 <b>\$4,044</b>			
Carryover			Program Co Performance		201.150 R re 2 L	oadway Pocation(s)		etterments	
10-Stanislaus-99 R10.0/R16.8 3251 1016000017	In and near Ceres and Modesto, at various locations from Mitchell Road to Kansas Avenue; also, in Merced County on Route 59 near the city of Merced, at Childs Avenue (PM	1E620 2020-21	R/W: Const:	\$13 \$6,440	PA&ED: PS&E: R/W Sup: Con Sup:	\$278 \$1,142 \$93 \$1,991	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2019 8/10/2020 9/9/2020 3/26/2021
1010000017	(4.0). Upgrade drainage nilmn hlants		C1-4-4-1.	\$6,453		\$3,504			
101000017	14.0). Upgrade drainage pump plants.		Subtotal: Total Projec			\$9,957			
New	14.0). Opgrade drainage pump plants.			t Cost:	201.151 D	\$9,957		oration	

#### 2018 SHOPP Project List Stanislaus



		(+-	-, ,						wow6
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Саг	oital	Suppo		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:	\$5,009		\$3,690			_
			Total Proj	. ,		\$8,699			
Carryover	In San Joaquin, Merced, Stanislaus, and	1G440	Performan	s6	re 110 D PA&ED:	saily vehic	le hour(s) o	of delay (DVHI	7/1/2019
10-Stanislaus-99		1G440	R/W:	\$6	PA&ED:	\$163	18-19	PA&ED:	7/1/2019
2206	Sacramento Counties, at various routes and locations. Upgrade TTI System.	2019-20	Const:	\$1,619	PS&E:	\$377	18-19	R/W Cert:	1/28/2020
3286 1018000083	locations. Opgrade 111 System.				R/W Sup: Con Sup:	\$4 \$401	18-19 19-20	RTL: Begin Con:	4/7/2020 8/17/2020
			Subtotal:	\$1,625		\$945			
			Total Proj	G	7	\$2,570	ion Manage	ement Systems	
New			Performan			ield eleme	_	•	

Stanislau	as County
	R/W: \$1,544 PA&ED: \$3,943 Const: \$28,129 PS&E: \$10,084 R/W Sup: \$1,281 Con Sup: \$7,906
	Subtotal:       \$29,673       \$23,214         Total (Capital + Support):       \$52,887

#### 2018 SHOPP Project List Sutter





		(\$	1,000)						dtars
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cai	pital	Suppo		COS Allocation FY	ı Milest	ones
	-	1105 1001	- Cu	<i>p</i> 1001	эчүү			1,11100	
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	PA&ED: PS&E: R/W Sup: Con Sup:	\$500 \$630 \$620 \$660	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
			Subtotal: Total Proj	\$3,900 ject Cost:		\$2,410 <b>\$6,310</b>			
Carryover			Program (	Code nce Measu	201.010 S re 51 C	afety Impr			
OADWAY PRE	SERVATION								
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
Carryover			Program (	Code nce Measu	201.120 R	.oadway R ane mile(s		on (3R)	
<u> </u>	array array						·/		
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 \$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
			Total Proj	ject Cost:		\$1,510			
Carryover			Program (	Code nce Measu		oadside En	nhancemen	t	
		Sutter	County	y					
			R/W: Const:	\$1,500 \$21,900	PA&ED: PS&E: R/W Sup: Con Sup:	\$582 \$1,014 \$713 \$2,161			
			Subtotal: Total (Cap	\$23,400 oital + Sup	port):	\$4,470 <b>\$27,870</b>			

#### 2018 SHOPP Project List Tehama



		(4.	1,000)					u	<i>Juu</i> G
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	Miles	tones
COLLISION RED	<u> </u>								
02-Tehama-36 12.6/13.1 3640 0216000051	Near Red Bluff, from 2.3 miles east to 2.8 miles east of Dry Creek Bridge. Curve improvement.		R/W: Const:	\$109 \$3,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$390 \$670 \$210 \$670	Prior 18-19 18-19 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	\$3,109 ect Cost:		\$1,940 <b>\$5,049</b>			
Carryover			Program C		201.010 S re 20 C	afety Imp			
02-Tehama-36 26.6/27.6 3663 0216000156	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:	K	\$3,465 <b>\$7,141</b>			
Carryover			Program ( Performan		201.010 S re 16 C	afety Imp			
02-Tehama-36 87.8/88.8 3641 0216000052	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 <b>\$7,606</b>			
Carryover			Program C		201.010 S re 24 C	afety Imp			
02-Tehama-5 36.3/41.6 3632 0216000044	Near Red Bluff, from Nine Mile Hill Overcrossing to 0.1 mile north of Bowman Road Overcrossing. Improve median clear recovery zone and widen inside shoulder to make standard for enhanced errant vehicle	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 <b>\$7,800</b>			
New			Program C			Collision S	everity Red ) reduced	uction	

#### 2018 SHOPP Project List Tehama



		(4	1,000)						wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		COS Allocation FY	ı Miles	tones
	1100 T 100 P 1		1						
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 Proj	\$5,491 ect Cost:		\$1,640 <b>\$7,131</b>			
Carryover			Program (		201.378 II		re	ilities Act Pede	estrian
BRIDGE PRESER	DVATION								
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:	11/24/2021
			Subtotal: Total Proj		)	\$3,100 \$7,560	ur Mitigatio	on	
New			Performan			ridge(s)	ar managarie	,. <u>.</u>	
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:	\$56 \$22,100	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,592 \$1,659 \$280	Prior 18-19 18-19 19-20	R/W Cert:	12/25/2019
			Subtotal: Total Proj	\$22,156 ect Cost:		\$7,493 <b>\$29,649</b>			
Carryover			Program (			ridge Seis	mic Restora	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 9 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
	r		Subtotal: Total Proj	\$1,547 ect Cost:		\$2,150 <b>\$3,697</b>			_
Carryover			Program (			ridge Prev	entative M	aintenance	

#### 2018 SHOPP Project List Tehama



54 . 6 . 5 .		· ·	-,						
Dist- Co-Rte Post Mile							COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		FY		tones
ROADWAY PRES	SERVATION .								
02-Tehama-36 40.3/42.1 3558 0214000024	In Red Bluff, from east of Baker Road to east of East Sand Slough Bridge. Pavement rehabilitation.	f 4G540 2019-20	R/W: Const:	\$122 \$6,600	PA&ED: PS&E: R/W Sup: Con Sup:	\$700 \$650 \$240 \$1,020	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	12/22/2017 7/2/2019 8/2/2019 2/19/2020
			Subtotal: Total Proj	\$6,722 ect Cost:		\$2,610 <b>\$9,332</b>			
Carryover			Program (			avement F	Rehabilitatio	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: Const:	\$351 \$2,525	PA&ED: PS&E: R/W Sup: Con Sup:	\$760 \$660 \$620 \$1,310	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/23/2018 9/3/2019 10/10/2019 2/13/2020
			Subtotal: Total Proj	\$2,876 ect Cost:	K	\$3,350 <b>\$6,226</b>			
Carryover			Program ( Performan			Orainage S Culvert(s) (	ystem Resto	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: Const:	\$35 \$13,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$450 \$2,170 \$50 \$2,320	18-19 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	5/5/2020 10/8/2021 11/8/2021 5/17/2022
	Enforcement Facility (CVEF).		Subtotal: Total Proj	\$13,235 ect Cost:		\$4,990 <b>\$18,225</b>			
New			Program (		201.321 V re 1 L	Veigh Stat			
ROADSIDE PRES	ERVATION								
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.	1 1H640 2018-19	R/W: Const:	\$1,357 \$0	PA&ED: PS&E: R/W Sup: Con Sup:	\$0 \$0 \$100 \$0	Prior	PA&ED: R/W Cert: RTL: Begin Con:	7/2/2018 9/14/2018 9/14/2018 10/15/2018
			Subtotal: Total Proj	\$1,357 ect Cost:		\$100 <b>\$1,457</b>			
Carryover			Program (			coadside E	nhancemen	t	

#### 2018 SHOPP Project List Tehama (\$1,000)



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

Tehama Coun	ty		
R/W:	\$4,505	PA&ED:	\$8,297
Const:	\$69,849	PS&E:	\$10,595
		R/W Sup:	\$2,645
		Con Sup:	\$14,982
Subtotal:	\$74,354		\$36,519
Total (C	apital + Supp	ort):	\$110,873

Page 265 of 288

# 2018 SHOPP Project List Trinity



		(Ψ	1,000)				u	wuws
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Suppo		COS Allocation FY	ı Miles	tones
	<u> </u>	8	op	S.PI				
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: \$5,28	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: \$5,33 Total Project Cos		\$3,700 <b>\$9,032</b>			
Carryover			Program Code Performance Mea	201.010 Sasure 12 C	afety Impr			
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: \$10 Const: \$4,10		\$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: \$4,20 Total Project Cos		\$4,410 <b>\$8,676</b>			
Carryover			Program Code Performance Mea		Collision Se	everity Red	uction	
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: \$2,50	79 PA&ED: 00 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: \$2,5' Total Project Cos		\$2,105 <b>\$4,684</b>			
Carryover			Program Code Performance Mea	201.235 M		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: 5 Const: \$2,30	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: \$2,30 Total Project Cos		\$1,970 <b>\$4,270</b>			
			Program Code			afety Impro	ovements/ Free	way

# 2018 SHOPP Project List Trinity



		(a)	1,000)					L	atars"
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Supp		COS Allocation FY	ı Miles	tones
MANDATES									
02-Trinity-299 64.7/71.7 3637 0216000049	Near Douglas City, at various locations from 1.1 miles east of Lewiston Road to 0.5 mile west of Shasta County line. Perform storm water mitigation improvements at 16 locations to mee Statewide NPDES permit mandate goals.	2021-22	R/W: Const:	\$345 \$3,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$860 \$1,200 \$380 \$1,100	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
	Statewide NFDES permit mandate goals.		Subtotal: Total Proje	\$3,545 ect Cost:		\$3,540 <b>\$7,085</b>			
New			Program C				er Mitigatio		
DDIDGE DDESE	DVATION						1		
BRIDGE 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:	\$100	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
Carryover			Subtotal: Total Proje  Program C  Performan	Code	201.110 E	\$4,800 \$14,247 Bridge Maj	or Rehabili	itation	
								<u> </u>	
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 Proje	\$6,506 ect Cost:		\$4,220 <b>\$10,726</b>			
Carryover			Program C			Bridge Prev Bridge(s)	ventative 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.	2019-20	R/W: Const:	\$22 \$6,771	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 Proje	\$6,793 ect Cost:		\$4,410 <b>\$11,203</b>			
			Program C			•	ventative M	laintenance	
Carryover			Performan	ce Measu	ire 9 E	Bridge(s)			

# 2018 SHOPP Project List Trinity



			,,						
Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	oital	Suppo		COS Allocation FY	ı Miles	tones
ROADWAY PRE	CEDVATION								
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.	0Н410 2019-20	R/W: Const:	\$22 \$2,079	PA&ED: PS&E: R/W Sup: Con Sup:	\$200 \$470 \$70 \$500	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/24/2018 9/4/2019 10/11/2019 2/13/2020
			Subtotal: Total Proj	\$2,101 ect Cost:		\$1,240 <b>\$3,341</b>			
Carryover			Program (			oadway P	Protective Bo	etterments	
02-Trinity-299 43.1/43.3 3592 0215000055	Near Junction City, at west of Canyon Creek Bridge. Install rockfall drapery system	0Н690 2019-20	R/W: Const:	\$32 \$3,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$330 \$580 \$200 \$630	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	7/24/2018 9/4/2019 10/11/2019 2/13/2020
			Subtotal: Total Proj	\$3,032 ect Cost:	K	\$1,740 <b>\$4,772</b>			
Carryover			Program ( Performan			oadway F	Protective Bo	etterments	
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: Const:	\$365 \$3,443	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,390 \$850 \$1,450 \$1,580	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2018 9/3/2019 10/10/2019 2/13/2020
			Subtotal: Total Proj	\$3,808 ect Cost:		\$5,270 <b>\$9,078</b>			
Carryover			Program (			rainage S culvert(s)	ystem Resto	oration	
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: Const:	\$311 \$5,390	PA&ED: PS&E: R/W Sup: Con Sup:	\$930 \$980 \$330 \$990	Prior 20-21 20-21 21-22	PA&ED: R/W Cert: RTL: Begin Con:	6/3/2020 7/19/2021 8/19/2021 12/14/2021
			Subtotal: Total Proj	\$5,701 ect Cost:		\$3,230 <b>\$8,931</b>			
Carryover			Program (			rainage S 'ulvert(s)	ystem Resto	oration	

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



Dist-Co-Rte
Post Mile
PPNO
EA

Location/Description
Prog Year

COS
Allocation

EA
Support
FY
Milestones

Trinity Coun	ty		
R/W:	\$2,420	PA&ED:	\$8,695
Const:	\$52,990	PS&E:	\$12,580
		R/W Sup:	\$3,320
		Con Sup:	\$16,040
Subtotal:	\$55,410		\$40,635
Total (Ca	pital + Supp	ort):	\$96,045

# 2018 SHOPP Project List Tulare





Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	ear Capital		Suppo		COS Allocation FY	Miles	tones
COLLISION REI	NICTION								
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 Projec	\$400 t Cost:		\$820 <b>\$1,220</b>			
Carryover			Program Co		201.010 Sa re 0 C		rovements reduced		
06-Tulare-65 17.5/22.0 6813 0616000028	Avenue; also on Route 190 from 0.2 mile west	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
			Subtotal: Total Projec	\$4,413 t Cost:	K	\$2,278 <b>\$6,691</b>			
New			Program Co		201.235 M		ce Access	vements/ Free	way
06-Tulare-99 22.3 6885 0616000035	Near Tipton, at the Philip S. Raine Safety Roadside Rest Area. 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 Projec	\$8,050 t Cost:		\$4,562 <b>\$12,612</b>			
New			Program Co		201.235 M		ce Access	vements/ Free	way
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:	8/25/2017 2/1/2019 3/1/2019 8/1/2019
			Subtotal: Total Projec	\$2,700 t Cost:		\$1,333 <b>\$4,033</b>			
Carryover			Program Co		201.235 M	laintenan (	ce Access	vements/ Free	way
			Performance	t ivicasu	ıc ∠0 L	ocation(s	,		

#### 2018 SHOPP Project List Tulare



		(u)	1,000)			Wo	rans'
Dist-Co-Rte Post Mile PPNO		EA		<b>a</b>	COS Allocation		
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestone	es
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. Upgrade water and wastewater systems to comply with Federal and State statutes and regulatory	0V760 2021-22	R/W: \$17 Const: \$4,24		19-20	R/W Cert: 3/2 RTL: 3/2	/2/2020 21/2022 25/2022 /1/2022
	requirements.		Subtotal: \$4,41  Total Project Cost	· ·			
New			Program Code Performance Mea	201.235 Maintenar	ice Access	ovements/ Freeway	
IDCE DDESE	DVATION						
19.4 6679 0614000005	In Tipton, at Avenue 152 Overcrossing No. 46 -019. Replace bridge.	0Q910 2019-20	R/W: \$34 Const: \$7,52		Prior Prior	R/W Cert: 2/ RTL: 3/	/1/2018 /3/2020 /2/2020 /3/2020
			Subtotal: \$7,86  Total Project Cost				
Carryover			Program Code Performance Mea	201.110 Bridge Ma sure 1 Bridge(s)	ijor Rehabili	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: \$39 Const: \$12,10	5 PA&ED: \$1,325	19-20 19-20	RTL: 4/2	13/201 15/202 26/202 /5/202
	7 10 0		Subtotal: \$12,49	5 \$6,170			
			Total Project Cost	: \$18,665			
Carryover			Total Project Cost Program Code Performance Mea	201.110 Bridge Ma		itation	
Carryover 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		Program Code	201.110 Bridge Ma sure 2 Bridge(s) 8 PA&ED: \$740	18-19 19-20 19-20	PA&ED: 11/2 R/W Cert: 1/1	15/202 /1/202
06-Tulare-99 6788	(OC) No. 46-0165 (PM 6.2), Davis Avenue OC No. 46-0172 (PM 12.6), and Avenue 100 OC	2020-21	Program Code Performance Mea  R/W: \$10	201.110 Bridge Ma sure 2 Bridge(s) 8 PA&ED: \$740 0 PS&E: \$1,122 R/W Sup: \$30 Con Sup: \$1,048	18-19 19-20 19-20 20-21	PA&ED: 11/2 R/W Cert: 1/1 RTL: 2/	15/202 /1/202
06-Tulare-99 6788	(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	2020-21	Program Code Performance Mea  R/W: \$10 Const: \$2,12  Subtotal: \$2,22 Total Project Cost  Program Code	201.110 Bridge Ma sure 2 Bridge(s) 8 PA&ED: \$740 0 PS&E: \$1,122 R/W Sup: \$30 Con Sup: \$1,048	18-19 19-20 19-20 20-21	PA&ED: 11/2 R/W Cert: 1/1 RTL: 2/ Begin Con: 10/1	15/202 /1/202

#### 2018 SHOPP Project List Tulare





		(4	1,000)					-	altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY	ı Miles	tones
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	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,728 \$3,900 \$617 \$2,357	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
			Subtotal: Total Proj	\$9,821 ect Cost:		\$8,602 <b>\$18,423</b>			
Carryover			Program (		201.112 B re 1188 L	•	Replaceme	ent and Upgrad	e
	CEDI ATION		1 (1101111111	- Tricusu	1100 E	mear reet			
Route 99 a	In Tulare, Fresno and Madera Counties, on Route 99 at various locations. Upgrade existing pumps and control systems at 11 pumping	0U230 g 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	PA&ED: R/W Cert: RTL: Begin Con:	7/13/2018 11/8/2019 11/20/2019 5/11/2020
			Subtotal: Total Proj	\$5,205 ect Cost:	V 2	\$5,560 <b>\$10,765</b>			
Carryover			Program ( Performan		201.151 D re 11 C	rainage Sy ulvert(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 2/1/202
			Subtotal: Total Proj	\$3,096 ect Cost:		\$2,760 <b>\$5,856</b>			
			Program (	Code		rainage Sy	ystem Resto	oration	

Tula	re County
	R/W: \$1,840 PA&ED: \$7,980
	Const: \$58,843 PS&E: \$17,332
	R/W Sup: \$2,266
	Con Sup: \$15,314
	Subtotal: \$60,683 \$42,892
	Total (Capital + Support): \$103,575

#### 2018 SHOPP Project List Tuolumne





		(2)	1,000)					4	altrans°	
Dist- Co-Rte Post Mile PPNO		EA			COS Allocati			tion		
EFIS	Location/Description	Prog Year	· Capital		Suppo	ort	FY	Milestones		
COLLISION RED 10-Tuolumne-108 L1.3/53.3 3234 1017000025	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 Project	\$3,260 et Cost:		\$2,171 <b>\$5,431</b>				
New			Program Co		201.015 C re 31 C	ollision So	-	luction		
ROADWAY PRES 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:	\$8	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	
Carryover			Subtotal: State Project  Program Corporate Corporation	ode	201.121 Pa	\$3,939 \$21,997 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: Subtotal: Subtotal Project	\$20,526 et Cost:		\$4,849 <b>\$25,375</b>				
Carryover			Program Co			avement R ane mile(s		on (CAPM)		
10-Tuolumne-108 32.3/34.6 3137 1015000007	Near Strawberry, from east of Old Strawberry Road to west of Beardsley Road. Rockfall mitigation at 4 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	PA&ED: R/W Cert: RTL: Begin Con:		
			Subtotal: Total Project	\$2,671 et Cost:		\$2,010 <b>\$4,681</b>				
Carryover			Program Co		201.150 R re 4 L	oadway Procation(s)		etterments		

#### 2018 SHOPP Project List Tuolumne



		( -	-,,						wows
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo	ort	COS Allocation FY	Miles	tones
10-Tuolumne-120 48.8/R50.5 3136 1015000006	Near Haden Flat, from east of Cherry Lake Road to west of Packard Canyon Road. Stabilize slope erosion at two locations.	0Y790 2018-19	R/W: Const:	\$12 \$1,874	PA&ED: PS&E: R/W Sup: Con Sup:	\$650 \$493 \$48 \$363	Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2017 12/1/2018 1/15/2019 6/26/2019
			Subtotal: Total Proj	\$1,886 ect Cost:		\$1,554 <b>\$3,440</b>			
			Program (	Code	201.150 R	oadway	Protective Be	tterments	
Carryover			Performan	ce Measu	re 2 L	ocation(s	3)		

Tuolun	nne County
	R/W: \$322 PA&ED: \$3,652
	Const: \$46,079 PS&E: \$4,312
	R/W Sup: \$197
	Con Sup: \$6,362
	Subtotal: \$46,401 \$14,523
	Total (Capital + Support): \$60,924



		(4)	1,000)						wwws
Dist-Co-Rte Post Mile		T.4				,	COS Allocation		
PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		FY		stones
MAJOR DAMAG	E RESTORATION								
07-Ventura-1 4.0/4.2 4930 0715000286	In Ventura County, south of Point Mugu State Park (PM 4.0) and Sycamore Canyon Road (PM 4.2). Construct secant walls at two locations as a permanent slope restoration solution to stabilize the slope and prevent continued	31820 2019-20	R/W: Const:	\$766 \$27,179	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,200 \$1,900 \$100 \$2,600	Prior 18-19 18-19 19-20	PA&ED: R/W Cert: RTL: Begin Con:	9/28/2018 9/3/2019 12/16/2019 7/16/2020
	erosion. Two previous Director Orders: 07 -4X370 and 07-4X760 were executed to remove slide material and repair embankment, roadway and drainage systems.		Subtotal: Total Pro	\$27,945 ject Cost:		\$5,800 <b>\$33,745</b>			
Carryover			Program Performa	Code nce Measu		Permanent Location(s)	Restoration		
07-Ventura-1 4.5/4.6 5181 0716000312	Near Point Mugu State Park, at Big Sycamore Creek No. 52-0011. Shoreline embankment restoration by replacing Rock Slope Protection (RSP), constructing seawalls and secant retaining wall, and upgrade guardrail.	33350 2021-22	R/W: Const:	\$442 \$11,099	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,300 \$3,240 \$1,000 \$3,880	Prior 19-20 19-20 21-22	PA&ED: R/W Cert: RTL: Begin Con:	7/1/2019 7/1/2021 8/2/2021 3/2/2022
	realising war, and appeared guardians		Subtotal: Total Pro	\$11,541 ject Cost:	K	\$10,420 <b>\$21,961</b>			
Carryover			Program Performa	Code nce Measu		Permanent Location(s)	Restoration		
07-Ventura-118 12.0/13.2 5294 0717000333	Near Moorpark, from Sand Canyon Road to Balcom Canyon Road. Permanent restoration of slope damage by constructing retaining wall, paving shoulder, and placing rock slope protection (RSP).	34290 2020-21	R/W: Const:	\$353 \$5,402	PA&ED: PS&E: R/W Sup: Con Sup:	\$850 \$3,000 \$175 \$2,000	18-19 19-20 19-20 20-21	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2019 9/1/2020 1/4/2021 8/2/2021
			Subtotal: Total Pro	\$5,755 ject Cost:		\$6,025 <b>\$11,780</b>			
New			Program Performa	Code nce Measu		Permanent Location(s)	Restoration		
COLLISION RED	DUCTION						_		
07-Ventura-33 18.9/19.1 5145 0716000257	Near Ojai, north of North Fork Matilija Creek Bridge No. 52-450. Widen the roadway by four feet, upgrade rock block barrier, and place High Friction Surface Treatment (HFST).	33230 2021-22	R/W: Const:	\$64 \$3,080	PA&ED: PS&E: R/W Sup: Con Sup:	\$660 \$1,460 \$40 \$1,550	18-19 20-21 20-21 21-22	R/W Cert: RTL:	3/30/2021 11/15/2021 12/15/2021 7/10/2022
			Subtotal: Total Pro	\$3,144 ject Cost:		\$3,710 <b>\$6,854</b>			
New			Program Performa	Code nce Measu		Collision Se	everity Reduced	action	





		(\$	1,000)						altrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	ital	Supp		COS Allocation FY	ı 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	R/W: Const:	\$80 \$6,470	PA&ED: PS&E: R/W Sup: Con Sup:	\$950 \$2,800 \$35 \$2,000	18-19 19-20 21-22 21-22	PA&ED: R/W Cert: RTL: Begin Con:	9/30/201 8/23/202 10/4/202 5/5/202
	guardians. Temore and replace cines.		Subtotal: Total Proje	\$6,550 ct Cost:		\$5,785 <b>\$12,335</b>			
New			Program C			Collision Se	everity Red reduced	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:	9/30/201 8/23/202 10/4/202 5/5/202
	guardrails. Remove and replace dikes.		Subtotal: Total Proje			\$3,895 <b>\$13,700</b>			
New			Program C Performano			Collision Se Collision(s)	everity Red reduced	luction	
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 MVPs, relocate irrigation facilities, install access gates, railings and breakaway post	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:	10/1/201 10/1/202 12/1/202 7/1/202
	sleeves, pave gore, narrow and slope areas.		Subtotal: Total Proje	\$4,935 ct Cost:		\$4,200 <b>\$9,135</b>			
New			Program C		201.235 N	Coadside Sa Maintenanc Location(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 and access roads, pave gore areas, install smart irrigation controllers and access gates. Plant vines at bridge wingwalls.	31650 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:	6/26/201 11/15/201 2/1/201 10/1/201
	vines at oringe wingwaits.		Subtotal: Total Proje	\$3,260 ct Cost:		\$3,377 <b>\$6,637</b>			
			Program C		201.235 N	//aintenanc		ovements/ Free	way
Carryover			Performano	ce Measu	re 100 L	ocation(s)			



		(3	1,000)			<i>Laitans</i> °
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	n Milestones
	Location/Description	Trug Tear	Сарісаі	Support	1.1	Micstolics
MANDATES  07-Ventura-1 0.0/28.5 5012 0716000067	In Ventura County, at various locations; also on Route 101 (PM 22.0/43.6), Route 34 (PM 4.3/17.7) and Route 150 (PM 2.5/34.4). Construct and install stormwater treatment BMPs including biofiltration swales, gross solid	2021-22	R/W: \$1: Const: \$10,3	40 PS&E: \$2, R/W Sup:	,500 18-19 ,650 20-21 ,840 20-21 ,750 21-22	PA&ED: 7/2/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 7/5/2022
	removal devices and Austin Vault Sand Filters.	1	Subtotal: \$10,40 Total Project Cos	· · · · · · · · · · · · · · · · · · ·	,940 , <b>406</b>	
New			Program Code Performance Mea	201.335 Storm	Water Mitigations) treated/polluta	
07-Ventura-101 27.5/31.0 4813 0715000009	In the city of Ventura, from south of Seaward Avenue to Ventura River. Stabilize soil and erosion control.	31130 2018-19	R/W: \$. Const: \$1,8	23 PS&E: \$1, R/W Sup:	\$95 Prior 196 Prior \$24 Prior \$959 18-19	PA&ED: 6/9/2017 R/W Cert: 10/5/2018 RTL: 12/14/2018 Begin Con: 6/19/2019
			Subtotal: \$1,86  Total Project Cos		.274 ,117	
			Program Code	201.335 Storm	Water Mitigatio	on
Carryover			Performance Mea	asure 22.5 Acre(s	s) treated/polluta	ant
07-Ventura-118 1.2/1.8 5204 0716000375	Near the city of Ventura, from County Drive to Santa Clara River. Construct stormwater treatment BMP infiltration basin.	33600 2021-22	R/W: \$ Const: \$6,0	11 PS&E: \$1, R/W Sup:	5950 18-19 961 19-20 \$44 19-20 680 21-22	PA&ED: 12/30/2019 R/W Cert: 7/15/2021 RTL: 9/15/2021 Begin Con: 4/15/2022
			Subtotal: \$6,0.  Total Project Cos	· · · · · · · · · · · · · · · · · · ·	,635 , <b>656</b>	
New			Program Code Performance Mea	201.335 Storm asure 42.01 Acre(s	Water Mitigations) treated/polluta	
07-Ventura-126 R10.2/R12.7 4815 0715000012	In Santa Paula, from Peck Road to Santa Paula Creek. Stabilize soil and install irrigation system.	31150 2018-19	R/W: \$. Const: \$2,4.	31 PS&E: \$ R/W Sup: \$	6130 Prior 6916 Prior 6102 Prior 6379 18-19	PA&ED: 6/28/2017 R/W Cert: 10/1/2018 RTL: 11/30/2018 Begin Con: 7/8/2019
			Subtotal: \$2,44  Total Project Cos		,527 , <b>988</b>	
Commission			Program Code		Water Mitigation	
Carryover			Performance Mea	asult 22.3 ACIE(	s) treated/polluta	



		(3	1,000)						atars •
Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	Location/Description	Prog Year	Сар	oital	Supp		FY		stones
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 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 <b>\$21,120</b>			
New			Program (			Americans Curb ramp(		ilities Act New	Curb Ramps
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 and upgrade thermoplastic	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
	pavement marking crosswalks.		Subtotal: Total Proj	\$6,885 ect Cost:		\$6,124 <b>\$13,009</b>			
New			Program (			Americans Curb ramp(		ilities Act New	Curb Ramps
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 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
			Subtotal: Total Proj	\$5,105 ect Cost:		\$3,008 <b>\$8,113</b>			
			Program (	Code	201.361 A	Americans	with Disab	ilities Act Nev	Curb Ramps
Carryover			Performan	ice Measu	re 134 C	Curb ramp(	s)		
BRIDGE PRESER	RVATION								
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:	\$2,500 \$540	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 <b>\$10,438</b>			
Carryover			Program (			Bridge Maj Bridge(s)	or Rehabili	itation	



		(2)	1,000)				- (	altrans°
Dist- Co-Rte Post Mile PPNO		EA				COS Allocatio	n	
EFIS	Location/Description	Prog Year	Capital	Suj	pport	FY	Mile	stones
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		,750 PA&E ,460 PS& R/W Su Con Su	E: \$1,112 ap: \$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: \$5  Total Project C	,210 Cost:	\$4,812 <b>\$10,022</b>			
Carryover			Program Code Performance M		1 Bridge Sco 1 Bridge(s)	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 railings to meet current standards.	29650 2020-21	R/W:	\$818 PA&E ,657 PS& R/W Su Con Su	D: \$958 E: \$2,300 pp: \$465	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	11/5/2018 1/3/2020 1/23/2020 7/8/2020
			Subtotal: \$3 Total Project C	,475 Cost:	\$5,723 <b>\$9,198</b>			
Carryover			Program Code Performance M		<ul><li>2 Bridge Rai</li><li>4 Linear feet</li></ul>	•	ent and Upgra	de
07-Ventura-33 16.1 5008 0716000060	Near Ojai, at North Fork Matilija Creek No. 52 -0173. Paint steel portion of bridge and replace missing rivets of bottom flanges for preventative maintenance to preserve and extend the life of bridge.		R/W: Const:	\$30 PA&E \$660 PS& R/W Su Con Su	E: \$850 p: \$50	Prior 18-19 18-19 21-22	R/W Cert:	12/15/2018 9/1/2021 10/31/2021 6/2/2022
	orage.		Subtotal:  Total Project C	\$690 C <b>ost:</b>	\$1,840 <b>\$2,530</b>			
Carryover			Program Code Performance M		9 Bridge Pre 1 Bridge(s)	ventative N	<b>Maintenance</b>	
OADWAY 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 Park Road. Cold plane and overlay pavement, upgrade guardrail/end treatment, install traffic signs and crosswalks.	32390 × 2021-22	R/W: Const: \$10	\$14 PA&E 2,200 PS& R/W Su Con Su	E: \$1,850 ap: \$60	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: \$10 Total Project C	,214 Cost:	\$5,885 <b>\$16,099</b>			
			Program Code	201.12	1 Pavement l	Rehabilitati	on (CAPM)	



		(3)	1,000)					u	altrans <sup>,</sup>
Dist- Co-Rte Post Mile PPNO		EA					COS Allocation		
EFIS	Location/Description	Prog Year	Capi	tal	Suppo	ort	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 Project	\$5,809 ct Cost:		\$4,050 <b>\$9,859</b>			
New			Program Co			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 Project	\$93,305 ct Cost:		\$25,489 <b>6118,794</b>			
Carryover			Program Co		201.122 R	toadway R ane mile(s		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:	\$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 Projec	\$19,340 ct Cost:		\$4,100 <b>\$23,440</b>			
Carryover			Program Co		201.122 R re 21.6 L	toadway R		on (2R)	
MOBILITY							<u>′</u>		
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 topall and topallo aspiral controls.		Subtotal: Total Project	\$2,014 ct Cost:		\$2,420 <b>\$4,434</b>			
New			Program Co		201.321 V re 2 L	Veigh Stati	ons		





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Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY	ı Milestones
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 facilit and install overhead truck scale on/off message signs.	5	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: 8/18/2019 R/W Cert: 8/1/2021 RTL: 10/15/2021 Begin Con: 5/1/2022
	Signs.		Subtotal: Total Proje	\$1,194 ect Cost:		\$1,516 <b>\$2,710</b>		
New			Program C		201.321 W re 2 L	eigh Sta		

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/Decovirties	EA Prog Voca	Com	:401	Ç		COS Allocation FY		tones
EFIS	Location/Description	Prog Year	Сар	เเลเ	Supp	ort	Гĭ	IVIIIes	tones
03-Yolo-16 4.0 8668 0318000002	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 6/9/2018 6/14/2019 12/1/2019
			Subtotal: Total Proje	\$1,855 ect Cost:		\$1,350 <b>\$3,205</b>			
Carryover			Program C			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.	f 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 Proje	G	2	\$10,890 <b>\$70,040</b>	Restoration		
Carryover			Performan		re 1 L	ocation(s)			
<b>COLLISION REI</b>	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 50; Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-		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:	12/12/2017 1/15/2018
	turn lanes.		Subtotal: Total Proje	\$27,379 ect Cost:		\$9,920 <b>\$37,299</b>			
Carryover			Program C		201.010 S re 330 C	afety Impr Collision(s)			
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		12/1/2017 11/15/2018 12/1/2018 6/1/2019
	,		Subtotal: Total Proje	\$1,900 ect Cost:		\$1,400 <b>\$3,300</b>			
Carryover			Program C			Collision Se	everity Red reduced	uction	

#### 2018 SHOPP Project List Yolo





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Dist- Co-Rte Post Mile PPNO		EA				1	COS Allocation	1	
EFIS	<b>Location/Description</b>	<b>Prog Year</b>	Cap	pital	Suppo	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 <b>\$3,030</b>			
			Program (		201.235 N	/aintenanc	e Access	ovements/ Free	way
Carryover			Performa	nce Measu	re 32 L	ocation(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 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	K	\$450 <b>\$860</b>			
Carryover			Program ( Performan			Americans Curb ramp(		ilities Act New	Curb Ramp
RIDGE PRESE		27250	D SVI	0.402	DAGED	<b>#</b> 000	<b>.</b> .	1	0/1/201/
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 <b>\$39,497</b>			
Carryover			Program (		201.110 E re 2 E	Bridge Maj Bridge(s)	or Rehabili	itation	
03-Yolo-505 0.0/0.2	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	2H450 2021-22	R/W: Const:	\$215 \$13,960	PA&ED: PS&E: R/W Sup: Con Sup:	\$941 \$1,755 \$371 \$2,662	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
9504 0317000113	0.3 mile south to the Yolo County line (PM R10.3 to R10.6). Seismic retrofit of two paralle	1			T				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
9504	0.3 mile south to the Yolo County line (PM	1	Subtotal: Total Proj	\$14,175 sect Cost:		\$5,729 <b>\$19,904</b>		ı	7, 10, 2022

# 2018 SHOPP Project List Yolo





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Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capi	tal	Suppo		COS Allocation FY	Miles	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: * Const:		PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$1,570 \$430	Prior 19-20 19-20 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)		Total Projec			\$6,170 <b>\$22,490</b> up, * Con	Sup phase(.	(s) are NOT au	horized
Carryover			Program Co			rans Perm ridge(s)	it Requiren	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: * Const:		PA&ED: * PS&E: * R/W Sup: * Con Sup:	\$744 \$1,885 \$98 \$3,901	Prior 20-21 20-21 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)		Total Project * Const, * R.  Program Co	/W, * PSo	&E, * R/W S	rans Perm	,	s) are NOT aud	
Carryover			Performanc	e Measu	re 3 B	sridge(s)			
03-Yolo-5 8571 0315000165	In various counties on various routes at various locations. Repair and install permanent Automatic Vehicle Classification (AVC) truck data collection stations.	0H410 2018-19	R/W: Const:	\$80 \$9,400	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,000 \$1,000 \$190 \$1,900	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	1/1/201 9/1/201 10/1/201 3/1/201
			Subtotal: Total Project	\$9,480 et Cost:		\$4,090 <b>\$13,570</b>			
Carryover			Program Co			ransportat	_	ement Systems	
		Yolo	County						
			R/W:	\$17,714	PA&ED:	\$8,685			

Yolo Cou	nty			
R/	V: \$17,7	14 PA&I	ED: \$8,685	
Con	st: \$159,8	34 PS&	&E: \$13,840	
		R/W S	Sup: \$4,924	
		Con S	Sup: \$26,513	
Subtot	al: \$177,5	48	\$53,962	
Total	Capital + S	Support):	\$231,510	

# 2018 SHOPP Project List Yuba





D			-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Ca	pital	Supp		COS Allocation FY	Miles	tones
COLLIGION DED	NICTION								
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: Const:	\$9,858 \$70,735	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,906 \$4,884 \$6,227 \$9,030	Prior Prior Prior 19-20	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2018 5/5/2020 5/20/2020 11/20/2020
			Subtotal: Total Proj	\$80,593 ject Cost:	:	\$24,047 <b>\$104,640</b>			
Carryover			Program (	Code nce Measu	201.010 S	Safety Impo			
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: Const:	\$2,750 \$48,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$4,700 \$3,500 \$1,000 \$6,871	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2017 4/16/2019 5/1/2019 12/1/2019
			Subtotal: Total Proj	\$51,250 ject Cost:	2	\$16,071 <b>\$67,321</b> Collision S	everity Red	uction	
Carryover				nce Measu	re 20 (	Collision(s)	) reduced		
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: Const:	\$10 \$5,200	PA&ED: PS&E: R/W Sup: Con Sup:	\$350 \$500 \$40 \$590	Prior Prior Prior 18-19	PA&ED: R/W Cert: RTL: Begin Con:	8/27/2017 9/15/2018 10/15/2018 4/1/2019
			Subtotal: Total Proj	\$5,210 <b>ject Cost:</b>		\$1,480 <b>\$6,690</b>			
Carryover			Program (	Code nce Measu		Collision S Collision(s)	everity Red ) reduced	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: Const:	\$1,887 \$26,441	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,240 \$2,700 \$200 \$4,100	Prior 20-21 20-21 20-21	PA&ED: R/W Cert: RTL: Begin Con:	2/1/2019 3/1/2021 4/1/2021 7/1/2021
			Subtotal: Total Proj	\$28,328 ject Cost:		\$8,240 <b>\$36,568</b>			
Carryover			Program (	Code nce Measu		Bridge Sco Bridge(s)	ur Mitigatio	n	

# 2018 SHOPP Project List Yuba



		(2	1,000)			4	altrans.
Dist- Co-Rte Post Mile PPNO		EA			COS Allocation	n	
EFIS	<b>Location/Description</b>	Prog Year	Capital	Support	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.	1E060 2018-19	R/W: \$3,800 Const: \$68,500	, , , , , , , , , , , , , , , , , , ,	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: \$72,300  Total Project Cost:	\$10,600 <b>\$82,900</b>			
Carryover			Program Code Performance Measi	201.111 Bridge Sco	ur Mitigati	on	
<u> </u>	CEDWA TION						
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	R/W: \$1,400 Const: \$10,700		18-19 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: \$12,100  Total Project Cost:				
			C	2			
Carryover			Program Code Performance Meas	201.120 Roadway F ure 4.4 Lane mile(		on (3R)	
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	R/W: \$9,400 Const: \$38,100	PA&ED: \$3,700	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: \$47,500  Total Project Cost:	\$15,110 <b>\$62,610</b>			
Carryover			Program Code Performance Meason	201.120 Roadway F ure 9.9 Lane mile(		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	R/W: \$5,000 Const: \$85,000	· · · · · · · · · · · · · · · · · · ·	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: \$90,000 Total Project Cost:	\$14,500 <b>\$104,500</b>			
			Program Code	201.120 Roadway F	Rehabilitatio	on (3R)	

#### 2018 SHOPP Project List Yuba





Dist-Co-Rte
Post Mile
PPNO
EA

EFIS
Location/Description
Prog Year
Capital
Support
FY
Milestones

R/W: \$34,105 PA&ED: \$19,656  Const: \$353,176 PS&E: \$21,954  R/W Sup: \$13,967  Con Sup: \$39,791
R/W Sup: \$13,967
-
Con Sup: \$39,791
Subtotal: \$387,281 \$95,368
Total (Capital + Support): \$482,649

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



Dist-Co-Rte
Post Mile
PPNO
EA

EA

COS

Allocation

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.

#### 2018 SHOPP Long Lead Project List Del Norte

(\$1,000)



Dist- Co-Rte Post Mile PPNO		EA			CO: Allocat	
EFIS	Location/Description	Prog Year	Capital	Suppor	t FY	Milestones
MAJOR DAMAG	E RESTORATION					
01-Del Norte-101 12.0/15.5	Near Crescent City, at Last Chance Grade, from Wilson Creek Bridge to 3.8 miles north of	0F280 2030-31	* R/W: Const:	\$75 * PA&ED: PS&E:	\$5,000 Prio 25-2	T. ROLLE.
1112 0115000099	Wilson Creek Bridge. Permanent roadway restoration and realignment. PA&ED and R/W		2000	R/W Sup: Con Sup:	25-2 30-3	
01130000	funds are requested for geotechnical evaluation of the current seven alternatives and for the		Subtotal:	\$75	\$5,000	1 18 11 19/11/2031
	environmental clearance needed to perform geotechnical work.		Total Project (		\$5,075	
						000, R/W \$89,600,000,
			Program Code	201.131 Per	manent Restora	tion
Long Lead			Performance M	easure 1 Loc	cation(s)	
	D	el Norte	County			
			R/W:	\$75 PA&ED:	\$5,000	<b>Y</b>
			Const:	PS&E:		
				R/W Sup: Con Sup:		
		-		Con Bup.		-

Subtotal:

Total (Capital + Support):

\$5,000

\$5,075

# 2018 SHOPP Long Lead Project List Humboldt

(\$1,000)



		(3	1,000)						<u> Coltrans</u>
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	uital	Suppo		COS Allocation FY		stones
	•	Trog rear	Cap	ritari	Suppo	11	1.1	Willes	otolics
01-Humboldt-96 12.3 2432 0116000029	Near Hoopa, at Trinity River Bridge No. 04 -0137. Upgrade bridge rails, widen for pedestrian access, and strengthen for truck permit load capacity.	0F600 2022-23	R/W: Const:	\$1,576 \$29,764	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,621 \$2,895 \$1,138 \$3,287	18-19 21-22 21-22 22-23		12/27/2021 12/27/2022 2/1/2023 9/1/2023
			Subtotal:	\$31,340		\$9,941		•	
			Total Proj			\$41,281			
			10001110	ecc cost.		ψ11, <b>2</b> 01			
Long Lead			Program C			ridge Rail near Feet	•	ent and Upgra	de
01-Humboldt-96 22.9 2423 0115000114	Near Weitchpec, at Klamath River Bridge No. 04-0144. Seismically retrofit bridge, upgrade bridge rails, and provide shoulders and pedestrian access.	0F350 2022-23	R/W: Const:	\$138 \$34,640	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,434 \$2,648 \$342 \$6,931	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
			Subtotal: Total Proj	\$34,778 ject Cost:	K	\$12,355 <b>\$47,133</b>			
Long Lead			Program C		201.113 Br e 1 Br	ridge Seisr	mic Restor	ration	
01-Humboldt-101 M53.9 2301B 0116000148	In Rio Dell, at Eel River Bridge No. 04-0016R. Seismic retrofit.	0A111 2022-23	R/W: Const:	\$44 \$26,813	PA&ED: PS&E: R/W Sup: Con Sup:	\$5,433 \$5,113 \$216 \$4,632	Prior 20-21 20-21 22-23	PA&ED: R/W Cert: RTL: Begin Con:	5/1/2021 8/1/2022 8/1/2022 1/1/2023
			Subtotal: Total Proj	\$26,857 ject Cost:		\$15,394 <b>\$42,251</b>			
Long Lead			Program C		201.113 Br e 1 Br	ridge Seisi	mic Restor	ration	
	Н	umboldt	County	,					
			R/W: Const:	\$1,758 \$91,217	PA&ED: PS&E: R/W Sup:	\$10,656			

Subtotal: \$92,975

**Total (Capital + Support):** 

\$37,690 **\$130,665** 

# 2018 SHOPP Long Lead Project List Inyo





Dist-Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Сар	ital	Suppo		COS Illocation FY		stones
MANDATES		-							
09-Inyo-395 117.3/117.8 2641 0916000021	Near Bishop, from North See Vee Lane to North Barlow Lane. Upgrade ADA curb ramps, driveways, and pedestrian push buttons, refresh striping, relocate signals, and construct new pedestrian and bicycle facilities.	a 36680 2023-24	R/W: Const:	\$6,378 \$9,901	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,530 \$3,340 \$1,670 \$2,190	18-19 20-21 20-21 23-24	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2020 10/2/2023 11/20/2023 6/19/2024
	Francisco de la constanta de l		Subtotal: <b>Total Proj</b>	\$16,279 ect Cost:		\$8,730 <b>\$25,009</b>			
Long Lead			Program Co			mericans v		ilities Act Nev	w Curb Ramps
		Inyo	County						
			R/W:	\$6,378	PA&ED:	\$1,530			
			Const:	\$9,901	PS&E: R/W Sup:	\$3,340 \$1,670			
		-	Subtotal:	\$16,279	Con Sup:	\$2,190			
			Total (Capi		ort):	\$25,009			

#### 2018 SHOPP Long Lead Project List Kern



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocatio FY		tones
ROADWAY PRES 06-Kern-119 28.2/31.3 6805 0616000222	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate roadway including reconstruction of travel lanes with Jointed Plain Concrete Pavement (JPCP), widen intersections and shoulders to meet current standards, add bicycle lanes, median lane to accommodate two-way turning, install drainage inlets and stormwater basin, sidewalks and upgrade ADA ramps to current standards.	0V610 2023-24	R/W: Const: Subtotal: Total Proj	\$14,200 \$26,500 \$40,700 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,200 \$2,500 \$6,300 \$4,600 \$16,600 \$57,300	Prior 20-21 20-21 23-24	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2020 9/1/2023 10/2/2023 3/1/2024
Long Lead			Program Co	e Measure	201.120 Rα e 10.0 Lε	padway Re		on (3R)	
		Kern -	R/W: Const:	\$14,200 \$26,500	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,200 \$2,500 \$6,300 \$4,600	<b>プ</b>	•	
			Subtotal: Total (Capit	\$40,700 tal + Supp	ort):	\$16,600 <b>\$57,300</b>			

# 2018 SHOPP Long Lead Project List Mendocino



Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	oital	Suppo		COS Allocation FY		tones
BRIDGE PRESER	RVATION								
01-Mendocino-101 9.2/9.9 4526 0116000001	Near Hopland, from 0.1 mile south to 0.3 mile north of Russian River Bridge No. 10-0082 (PM 9.24). Bridge seismic and rail upgrade and widen for standard shoulders with partial or complete structure replacement.	0A130 2022-23	R/W: Const:	\$600 \$44,499	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,176 \$1,953 \$165 \$9,351	18-19 21-22 21-22 22-23	PA&ED: R/W Cert: RTL: Begin Con:	10/1/2021 1/15/2023 2/1/2023 8/1/2023
			Subtotal:	\$45,099		\$12,645			
			Total Proj	ect Cost:		\$57,744			
Long Lead			Program C Performan		201.113 Bi	ridge Seisr	mic Restor	ration	
	Mei	ndocino	County	,				,	
			R/W:	\$600	PA&ED:	\$1,176			
			Const:	\$44,499	PS&E:	\$1,953			
					R/W Sup:	\$165			
		_			Con Sup:	\$9,351			
			Subtotal:	\$45,099		\$12,645			
			Total (Capi	tal + Supp	ort):	\$57,744			

#### 2018 SHOPP Long Lead Project List Mono





		(a)	1,000)						www
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	· Cap	oital	Suppo		COS Allocation FY		stones
DLLISION REI	DUCTION								
09-Mono-395 69.9/71.9 2639 0917000014	Near Bridgeport, from north of Route 270 Junction to Green Creek Road. Widen shoulders to eight feet, install rumble strips, improve sight distance, and upgrade signing and striping to current standards.	36940 2023-24	R/W: Const:	\$471 \$7,623	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,300 \$1,240 \$590 \$2,330	18-19 20-21 20-21 23-24	PA&ED: R/W Cert: RTL: Begin Con:	4/1/202 4/18/202 7/14/202 1/23/2024
			Subtotal: Total Proj	\$8,094 lect Cost:		\$5,460 <b>\$13,554</b>			
Long Lead			Program C		201.015 Co e 54 Co	ollision Se	•	luction	
09-Mono-395 91.6/93.4 2460 0917000011	Near Bridgeport, from Burcham Flat Road to 0.3 mile south of Route 395/108 Junction. Widen shoulders, install rumble strips, and correct superelevation at three curves.	36800 2022-23	R/W: Const:	\$1,855 \$12,567	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,395 \$1,764 \$395 \$2,084	18-19 20-21 20-21 22-23	PA&ED: R/W Cert: RTL: Begin Con:	6/1/202 6/8/202 6/8/202 12/14/202
			Subtotal: Total Proj	\$14,422 ect Cost:	K	\$5,638 <b>\$20,060</b>			
			Program C	ode	201.015 Co	ollision Se	verity Rec	luction	
Long Lead			Performan			ollisions R	-	auction	
		Mono	County						
			R/W: Const:	\$2,326 \$20,190	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,695 \$3,004 \$985 \$4,414			
			Subtotal:	\$22,516		\$11,098			

Total (Capital + Support):

\$33,614

# 2018 SHOPP Long Lead Project List Monterey



			1,000)					
Dist- Co-Rte Post Mile						COS		
PPNO		EA			A	n		
EFIS	Location/Description	Prog Year	Capital	Suppo	Support		Miles	tones
BRIDGE PRESEI	RVATION							
05-Monterey-1	Near Lucia from 0.1 mile south to 0.2 mile	1F510		704 PA&ED:	\$3,500	Prior	PA&ED:	12/2/2021
20.9/21.3	north of Limekiln Creek Bridge No. 44-0058. Replace bridge.	2024-25	Const: \$64,6			21-22	R/W Cert:	3/5/2025
2524 0514000004	Replace orage.			R/W Sup: Con Sup:		21-22 24-25	RTL: Begin Con:	4/3/2025
051400004						24 23		
			Subtotal: \$65,3		\$17,781			
			Total Project Co	st:	\$83,129			
			Program Code	201.110 B	ridg <b>e</b> Majo	or Rehabil	litation	
Long Lead			Performance Mea	sure 1 B	ridge(s)			
05-Monterey-1	Near Carmel-by-the-Sea, at the Garrapata Creek	1H800	R/W:	\$5 PA&ED:	\$1,600	18-19	PA&ED:	4/2/2021
63.0	Bridge No. 44-0018. Replace bridge railing to	2022-23	Const: \$3,0		\$1,900	20-21	R/W Cert:	10/21/2022
2696	meet current traffic safety standards.			R/W Sup:		20-21	RTL:	2/14/2023
0516000163				Con Sup:	\$1,300	22-23	Begin Con:	
			Subtotal: \$3,0	005	\$4,930			
			Total Project Co	st:	\$7,935			
Long Lead			Total Project Co Program Code Performance Mea	201.112 B		Replacem	nent and Upgra	de
	SERVATION		Program Code	201.112 B	ridge Rail	Replacem	nent and Upgra	de
	Near Lucia, north of Mill Creek Bridge.		Program Code Performance Mea	201.112 B	ridge Rail inear Feet	Replacem	nent and Upgra	de 9/1/2021
05-Monterey-1 18.5/18.7			Program Code Performance Mea	201.112 B isure 603 L 100 PA&ED: 102 PS&E:	stridge Rail inear Feet \$2,376 \$2,748	18-19 21-22	PA&ED: R/W Cert:	9/1/2021 12/1/2024
05-Monterey-1 18.5/18.7 3030	Near Lucia, north of Mill Creek Bridge.	0P300	Program Code Performance Mea	201.112 B sure 603 L 100 PA&ED: 102 PS&E: R/W Sup:	\$2,376 \$2,748 \$185	18-19 21-22 21-22	PA&ED: R/W Cert: RTL:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7	Near Lucia, north of Mill Creek Bridge.	0P300	Program Code Performance Mea  R/W: \$1  Const: \$9,4	201.112 B Isure 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup:	\$2,376 \$2,748 \$185 \$4,400	18-19 21-22	PA&ED: R/W Cert:	9/1/2021 12/1/2024
05-Monterey-1 18.5/18.7 3030	Near Lucia, north of Mill Creek Bridge.	0P300	Program Code Performance Mea  R/W: \$1 Const: \$9,4	201.112 B ISURE 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup:	\$2,376 \$2,748 \$185 \$4,400	18-19 21-22 21-22	PA&ED: R/W Cert: RTL:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030	Near Lucia, north of Mill Creek Bridge.	0P300	Program Code Performance Mea  R/W: \$1  Const: \$9,4	201.112 B ISURE 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup:	\$2,376 \$2,748 \$185 \$4,400	18-19 21-22 21-22	PA&ED: R/W Cert: RTL:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030	Near Lucia, north of Mill Creek Bridge.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4	201.112 B sture 603 L 100 PA&ED: 402 PS&E: R/W Sup: Con Sup:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030	Near Lucia, north of Mill Creek Bridge.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co	201.112 B ISURE 603 L  100 PA&ED: 102 PS&E: R/W Sup: Con Sup:  502 sst:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea	201.112 B ISURE 603 L  100 PA&ED: 102 PS&E: R/W Sup: Con Sup:  502 sst:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea	201.112 B ISURE 603 L  100 PA&ED: 102 PS&E: R/W Sup: Con Sup:  502 sst:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea	201.112 B ISURE 603 L  100 PA&ED: 102 PS&E: R/W Sup: Con Sup:  502 sst:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea	201.112 B sure 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup: 502 st: 201.150 R sure 1 L	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211 coadway Procation(s)	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
OADWAY PRE  05-Monterey-1  18.5/18.7  3030  0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea  County  R/W: \$8	201.112 B sure 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup: 502 st: 201.150 R sure 1 L	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea  County  R/W: \$8	201.112 B ISURE 603 L 100 PA&ED: 102 PS&E: R/W Sup: Con Sup: 201.150 R ISURE 1 L 10309 PA&ED: 1046 PS&E:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211 coadway Procation(s) \$7,476 \$4,648 \$731	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025
05-Monterey-1 18.5/18.7 3030 0516000047	Near Lucia, north of Mill Creek Bridge. Stabilize highway segment caused by erosion.	0P300 2024-25	Program Code Performance Mea  R/W: \$1 Const: \$9,4  Subtotal: \$9,5  Total Project Co  Program Code Performance Mea  County  R/W: \$8	201.112 B ISURE 603 L  100 PA&ED: 102 PS&E: R/W Sup: Con Sup:  201.150 R  ISURE 1 L  100 PA&ED: PS&E: R/W Sup: Con Sup:  100 PA&ED: PS&E: R/W Sup: Con Sup:	\$2,376 \$2,748 \$185 \$4,400 \$9,709 \$19,211 coadway Procation(s) \$7,476 \$4,648 \$731	18-19 21-22 21-22 24-25	PA&ED: R/W Cert: RTL: Begin Con:	9/1/2021 12/1/2024 1/2/2025

# 2018 SHOPP Long Lead Project List Napa



Dist-Co-Rte Post Mile PPNO		EA				A	COS Allocation	n	
EFIS	Location/Description	Prog Year	Capi	ital	Suppo	rt	FY	Miles	tones
BRIDGE PRESER	VATION								
04-Napa-29 28.4/29.3 1462K 0416000375	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge rails.	2K150 2022-23	R/W: Const: Subtotal:	\$748 \$4,188 \$4,936 ect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$1,040 \$800 \$500 \$800 \$3,140 <b>\$8,076</b>	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
Long Lead			Program Co			ridge Rail near Feet	Replacem	ent and Upgra	de

R/W: \$748 PA&ED: \$1,040 Const: \$4,188 PS&E: \$800 R/W Sup: \$500 Con Sup: \$800  Subtotal: \$4,936 \$3,140	Napa County
	Const: \$4,188 PS&E: \$800 R/W Sup: \$500
	Subtotal: \$4,936 \$3,140 <b>Total (Capital + Support):</b> \$8,076

#### 2018 SHOPP Long Lead Project List Sacramento



Dist- Co-Rte Post Mile PPNO		EA	C.		G		COS Allocation		
EFIS	Location/Description	Prog Year	Ca <sub>]</sub>	pital	Suppo	ort	FY	Nilles	stones
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:	\$900 \$120,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$5,800 \$400 \$24,000	19-20 19-20	PA&ED: R/W Cert: RTL: Begin Con:	4/2/2020 7/14/2023 9/1/2023 3/6/2024
				\$120,900		\$35,900			
			Program (	ject Cost: Code		<b>\$156,800</b> rans Perm	it Require	ments for Brid	ges
Long Lead			Performan	ce Measur	e 2 B	ridge(s)			

Sacramento County
R/W: \$900 PA&ED: \$5,700
Const: \$120,000 PS&E: \$5,800
R/W Sup: \$400
Con Sup: \$24,000
Subtotal: \$120,900 \$35,900
Total (Capital + Support): \$156,800

#### 2018 SHOPP Long Lead Project List San Bernardino



		(+-	-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year				A ort	COS Allocation FY		stones
BRIDGE PRESER	VATION								
08-San Bernardino-40 153.9/154.7 3001S 0812000067	153.9/154.7 Road at the Colorado River Bridge No. 54 2023-24 3001S -0415. Bridge rehabilitation and/or	R/W: Const:	\$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	
and will share half of all costs with ADO1 as indicated via a signed Letter of Intent.		Subtotal: Total Proj	\$28,969 ject Cost:		\$15,172 <b>\$44,141</b>				
Long Lead			Program C		201.110 Bi	ridge Majo	or Rehabil	itation	
Long Leaa			reriorman	ce Measur	е і Бі	riage(s)			
	San Ber	nardino	County	,				,	
			R/W: Const:	\$169 \$28,800	PA&ED: PS&E:	\$2,650 \$3,759			
			Collst.	\$20,000	R/W Sup:	\$431			
		-	Subtotal:	\$28,969	Con Sup:	\$15,172			
			Total (Capi	tal + Supp	ort):	\$44,141			

# 2018 SHOPP Long Lead Project List San Diego



		(+	-,,					
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	· Capital	Suppo		COS Allocation FY		stones
BRIDGE PRESE	RVATION							
11-San Diego-75 R20.5/R22.0 1065 1112000071	In the city of San Diego and Coronado from San Diego-Coronado Bay Bridge to the Route 75/5 Connector Overcrossing. Bridge rehabilitation.	40940 TBD	R/W: Const:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,593	Prior 18-19 18-19 TBD	PA&ED: R/W Cert: RTL: Begin Con:	6/29/2018 TBD TBD TBD
			Subtotal: Total Project Cos	\$0 st:	\$2,593 <b>\$2,593</b>			
Long Lead			Program Code Performance Mea	201.110 B sure 1 B	ridg <mark>e</mark> Majo ridge(s)	or Rehabil	itation	
11-San Diego-163 1.6/2.8 1276 1117000171	1.6/2.8 from Quince Street Overcrossing Bridge No. 57 1276 -0216K to Washington Street Overcrossing Bridge No. 57-0220. Replace bridge rail within	43013 2024-25	R/W: \$2 Const: \$9,4	56 PA&ED: 73 PS&E: R/W Sup: Con Sup:	\$4,740 \$2,409 \$212 \$3,633	18-19 22-23 22-23 24-25	PA&ED: R/W Cert: RTL: Begin Con:	7/29/2022 1/16/2025 3/7/2025 7/11/2025
	Cabrillo Freeway Historic District.		Subtotal: \$9,7 Total Project Co		\$10,994 <b>\$20,723</b>			
			Program Code				ent and Upgra	

San <mark>Dieg</mark>	o County		
	R/W:	\$256 PA&ED:	\$7,333
	Const: \$9	,473 PS&E:	\$2,409
		R/W Sup:	\$212
		Con Sup:	\$3,633
	Subtotal: \$9	,729	\$13,587
	Total (Capital +	Support):	\$23,316

# 2018 SHOPP Long Lead Project List San Joaquin

(\$1,000)



Dist- Co-Rte Post Mile PPNO		EA		G	COS Allocatio					
EFIS	Location/Description	Prog Year	Capital	Support	FY	Milestones				
BRIDGE PRESER	VATION									
10-San Joaquin-5 26.5 3133 1012000259	In Stockton, at the Stockton Channel Viaduct Bridge No. 29-0176L/R. Bridge rehabilitation to address structural and load carrying capacity deficiencies.	0X460 TBD	R/W: \$0 Const: \$815,000	PA&ED: \$4,16 PS&E: R/W Sup: Con Sup:	9 Prior 20-21 20-21 TBD	PA&ED: 10/30/2020 R/W Cert: RTL: 9/30/2024 Begin Con: 5/30/2025				
			Subtotal: \$815,000 Total Project Cost:	\$4,16 <b>\$819,16</b>						
Long Lead			Program Code Performance Measur	201.110 Bridge M e 2 Bridge(s)		itation				
San Joaquin County										
			R/W: \$0 Const: \$815,000	PA&ED: \$4,16 PS&E: R/W Sup:	9					

Con Sup:

\$4,169

\$819,169

Subtotal: \$815,000

Total (Capital + Support):

# 2018 SHOPP Long Lead Project List San Luis Obispo



Dist- Co-Rte Post Mile PPNO		EA				A	COS Allocation	n	
EFIS	Location/Description	Prog Year	Cap	ital	Suppo	rt	FY	Miles	tones
BRIDGE PRESER	<u>VATION</u>								
05-San Luis Obispo-1 0.0/0.3 2650 0516000074	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). The bridge is scour critical and needs to be replaced. The existing bridge will be used for traffic handling during construction and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge will provide standard lane and shoulder widths and include a protected walkway.		R/W: Const: Subtotal: Total Proj	\$530 \$28,461 \$28,991 sect Cost:	PA&ED: PS&E: R/W Sup: Con Sup:	\$2,294 \$4,290 \$455 \$9,660 \$16,699 \$45,690	Prior 19-20 19-20 22-23	PA&ED: R/W Cert: RTL: Begin Con:	3/1/2020 9/1/2022 10/1/2022
			Program C	ode	201.110 Br	ridge Majo	or Rehabil	itation	
Long Lead			Performan	ce Measur	e 1 Br	ridge(s)			

San Luis Obispe	o County	7			
					<b>Y</b>
	R/W:	\$530	PA&ED:	\$2,294	
	Const:	\$28,461	PS&E:	\$4,290	
			R/W Sup:	\$455	
			Con Sup:	\$9,660	
	Subtotal:	\$28,991		\$16,699	-
	Total (Cap	ital + Supp	ort):	\$45,690	
	` `		•		

#### 2018 SHOPP Long Lead Project List San Mateo



		(2)	1,000)						Caltrans
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Cap	ital	Suppo		COS Allocation FY		stones
ANDATES									
04-San Mateo-82 12.9/15.9 0730D 0400020619	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to ADA standards.	1G900 2022-23	R/W: Const:	\$844 \$9,120	PA&ED: PS&E: R/W Sup: Con Sup:	\$3,320 \$1,200 \$700 \$1,000	Prior 20-21 20-21 22-23	PA&ED: R/W Cert: RTL: Begin Con:	8/1/2020 2/1/2023 2/1/2023 9/1/2023
			Subtotal:	\$9,964		\$6,220			
			Total Proj	ect Cost:		\$16,184			
	SERVATION  In the cities of San Mateo and Burlingame, from		R/W:	\$2,215	PA&ED:	\$8,181	Prior	PA&ED:	11/1/2021
Long Lead ROADWAY PRES			Performano			DA Unit(s		1	
12.3/15.8 1496J 0416000142	East Santa Inez Avenue to Murchison Drive. Rehabilitate roadway, improve drainage, and upgrade existing curb ramps and sidewalks to ADA standards.	2023-24	Const:	\$86,061	PS&E: R/W Sup: Con Sup:	\$4,091	21-22 21-22 23-24	R/W Cert: RTL: Begin Con:	11/1/2023 2/1/2024 8/1/2024
			Subtotal: Total Proj	\$88,276 ect Cost:		\$32,723 \$120,999			
			Program C		201.120 Ro	-		on (3R)	
Long Lead			Performan	ce Measur	e 15.2 La	ane Mile(s	5)		
	Sal	n Mateo	County	,					
			R/W:	\$3,059	PA&ED:	\$11.501			
			Const:	\$95,181		\$9,381			
				. ,		. ,			

R/W: \$3,059 PA&ED: \$11,501 Const: \$95,181 PS&E: \$9,381 R/W Sup: \$4,791 Con Sup: \$13,270
Subtotal: \$98,240 \$38,943 <b>Total (Capital + Support):</b> \$137,183

#### 2018 SHOPP Long Lead Project List Santa Barbara



estones
: 4/13/2021 :: 7/14/2023 :: 7/14/2023 :: 2/22/2024
: 4/3/2020 :: 12/21/2022 : 2/21/2023
t

# 2018 SHOPP Long Lead Project List Shasta



		(4-	-,,						
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Car	oital	Suppo		COS Allocation FY		stones
ROADWAY PRE	<u>SERVATION</u>								
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: Const:	\$6,269 \$69,236	PA&ED: 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: Total Pro			\$16,550 <b>\$92,055</b>			
Long Lead			Program C Performan		201.120 Re e 14.4 La	oadway Re ane Mile(s		on (3R)	
		Shasta	County	7				,	
			R/W:	\$6,269	PA&ED:	\$4,130			
			Const:	\$69,236	PS&E:	\$5,110			
					R/W Sup: Con Sup:	\$490 \$6,820			
		_	Subtotal:	\$75,505		\$16,550			
		,	Total (Capi	ital + Supp	ort):	\$92,055			

# 2018 SHOPP Long Lead Project List Siskiyou



Dist- Co-Rte Post Mile PPNO EFIS BRIDGE PRESEI 02-Siskiyou-96 R7.9/R9.4 3622 0216000035	Location/Description  RVATION  Near Somes Bar, from 0.6 mile east to 1.3 miles	EA				
PPNO EFIS BRIDGE PRESEI 02-Siskiyou-96 R7.9/R9.4 3622	RVATION				COS	
BRIDGE PRESEI 02-Siskiyou-96 R7.9/R9.4 3622	RVATION				Allocation	n
02-Siskiyou-96 R7.9/R9.4 3622		Prog Year	· Capital	Support	FY	Milestones
02-Siskiyou-96 R7.9/R9.4 3622						
R7.9/R9.4 3622		1H780	R/W: \$37	PA&ED: \$1,910	18-19	PA&ED: 10/1/2021
3622	east of Irving Creek Bridge at Stanshaw Creek	2023-24	Const: \$16,830		21-22	PA&ED: 10/1/2021 R/W Cert: 1/19/2024
	(PM R8.2); also, from 1.6 miles east of Irving	2023 2.	\$10,050	R/W Sup: \$170	21-22	RTL: 2/20/2024
	Creek Bridge to 1.6 miles west of Ti Creek			Con Sup: \$4,660	23-24	Begin Con: 8/27/2024
	Bridge at Sandy Bar Creek (PM 9.1). Replace deteriorated large-diameter culverts with		0.11 \$16.967	£0.470		•
	natural-bottom structures, reduce fish passage		Subtotal: \$16,867	•		
	barriers, and adjust new approaches.		<b>Total Project Cost:</b>	\$26,337		
			Program Code	201.110 Bridge Maj	or Rehabil	itation
Long Lead			Performance Measur	re 2 Bridge(s)		
02-Siskiyou-96	Near Happy Camp, from 0.9 mile west to 0.4	1H590	R/W: \$48	PA&ED: \$1,720	18-19	PA&ED: 9/7/2021
43.4/57.0	mile west of Gordons Ferry Road at Cade Creek	2023-24	Const: \$6,760		21-22	R/W Cert: 12/29/2023
3620	(PM 43.4 to 43.8); also, near Seiad Valley at			R/W Sup: \$160	21-22	RTL: 1/29/2024
0216000025	Portuguese Creek (PM 57.0). Replace deteriorated large-diameter culverts with			Con Sup: \$2,840	23-24	Begin Con: 7/2/2024
	natural-bottom structures, reduce fish passage		Subtotal: \$6,808	\$7,460		
	barriers, and adjust new approaches.		Total Project Cost:	\$14,268		
Long Lead			Program Code Performance Measu	201.110 Bridge Maj re 2 Bridge(s)	or Rehabil	itation
02-Siskiyou-96	Near Horse Creek, at Horse Creek Bridge No.	1H360	R/W: \$993	PA&ED: \$2,640	18-19	PA&ED: 9/1/2021
76.8/78.0		2023-24	Const: \$19,760		21-22	R/W Cert: 3/1/2023
				•		
0216000040	scour critical conditions, improve safety, and			Con Sup: \$4,300	23-24	Begin Con: 4/27/2024
	reduce operational deficiencies.		Subtotal: \$20,753	\$10,580		
			Total Project Cost:	\$31,333		
			Program Code	201.111 Bridge Sco	ır Mitigati	on
Long Lead			Program Code Performance Measu	201.111 Bridge Score  1 Bridge(s)	ır Mitigati	on
Long Lead			_	=	ur Mitigati	on
Long Lead	S	Siskiyou	_	_	ır Mitigati	on
Long Lead	S	Siskiyou	Performance Measur	re 1 Bridge(s)	ur Mitigati	on
Long Lead	S	Siskiyou	Performance Measure County  R/W: \$1,078	PA&ED: \$6,270	ır Mitigatio	on
Long Lead		Siskiyou	Performance Measur	PA&ED: \$6,270 PS&E: \$8,280	ur Mitigati	on
Long Lead		Siskiyou	Performance Measure County  R/W: \$1,078	PA&ED: \$6,270 PS&E: \$8,280 R/W Sup: \$1,160	ur Mitigatio	on
Long Lead	S.	Siskiyou	Performance Measure County  R/W: \$1,078	PA&ED: \$6,270 PS&E: \$8,280	ur Mitigatio	on
Long Lead		Siskiyou	Performance Measure County  R/W: \$1,078	PA&ED: \$6,270 PS&E: \$8,280 R/W Sup: \$1,160 Con Sup: \$11,800	ur Mitigation	on
02-Siskiyou-96	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		R/W: \$993 Const: \$19,760 Subtotal: \$20,753	PA&ED: \$2,640 PS&E: \$2,810 R/W Sup: \$830 Con Sup: \$4,300	18-19	PA&ED: 9 R/W Cert: 3 RTL: 10

#### 2018 SHOPP Long Lead Project List Yolo

(\$1,000)



		(Ψ-	1,000)			www
Dist- Co-Rte Post Mile PPNO EFIS	Location/Description	EA Prog Year	Capital	A Support	COS Allocation FY	n Milestones
ROADWAY PRES	ERVATION					
03-Yolo-80 4.3/R11.4 8784 0314000233	03-Yolo-80 In and near West Sacramento, from east of 4.3/R11.4 Mace Boulevard to Sacramento River Bridge; also on Route 50, from Route 80 to Jefferson	4F650 2023-24	R/W: \$866 Const: \$277,665		18-19 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
			Subtotal: \$278,531  Total Project Cost:			
Long Lead			Program Code Performance Measu	201.120 Roadway Rore 48.4 Lane Mile(s		on (3R)
		Yolo	County			
		_	R/W: \$866 Const: \$277,665			

Subtotal: \$278,531

Total (Capital + Support):

\$64,774

\$343,305

#### 2018 SHOPP Long Lead Project List Yolo

Caltrans

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



## Pre 2018 SHOPP Projects

Projects allocated in prior SHOPP documents currently in construction.

Index						
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
					· ·	

Index						
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

Index						
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	Mandates
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	Mandates
090	1112000137	11	41080	1086	09/28/2018	Safety
091	0413000055	04	4G810	0250B	09/28/2018	Bridge
092	1000020459	10	0U520	3005	09/28/2018	Safety
093	0217000087	02	1H760	3646	09/28/2018	Major Damage
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	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	Pavement
0101	0700001891	07	4Y700	4386	10/01/2018	Bridge
0102	1012000018	10	0W600	0326	10/01/2018	Pavement
0103	0113000082	01	0C241	1098	10/01/2018	Major Damage
0104	0812000338	08	1C630	0012H	10/01/2018	Mobility
0105	0417000307	04	4K410	1457D	10/01/2018	Major Damage
0106	0713000034	07	29600	4597	10/01/2018	Safety
0107	0112000111	01	0B270	1077	10/01/2018	Major Damage
0108	0812000339	08	1C640	0033R	10/01/2018	Mobility
0109	0712000077	07	29100	4492	10/01/2018	Mandates
0110	0217000089	02	1H800	3648	10/03/2018	Major Damage
0111	0417000313	04	4K470	1457K	10/04/2018	Major Damage
0112	0217000095	02	1H530	3682	10/05/2018	Major Damage
0113	0417000316	04	4K500	1458B	10/08/2018	Major Damage
0114	1114000126	11	41911	1130	10/10/2018	Roadway Preservation
0115	1112000138	11	41090	1104	10/10/2018	Safety
0116	0215000021	02	4F58U	3514	10/15/2018	Bridge
0117	0414000127	04	1J020	0481W	10/15/2018	Safety
0118	0413000236	04	4H000	0085Y	10/15/2018	Safety
0119	0515000031	05	1G450	2604	10/15/2018	Safety
0120	0217000099	02	3H330	3686	10/18/2018	Major Damage
0121	0400020738	04	2G350	0501A	10/19/2018	Safety
0122	0515000007	05	1G380	2596	10/25/2018	Safety
0123	0317000231	03	3H110	3321	10/25/2018	Major Damage
0124	0414000521	04	2J480	1487B	10/30/2018	Major Damage
0125	0413000295	04	4H870	0487P	10/31/2018	Safety
0126	0412000027	04	3G210	2119Q	10/31/2018	Mandates

Index						
No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0127	1013000239	10	0Y550	3079	10/31/2018	Mandates
0128	0616000084	06	0U990	6780	11/01/2018	Safety
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

No.   Project ID   Dist   EA   PPNO   CCA Date   Program	Index						
0170         0815000101         08         0N971         0258P         12/17/2018         Safety           0171         0514000054         05         1710         2542         12/17/2018         Pavement           0172         0800001010         08         0N560         02115         12/17/2018         Bridge           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         Safety           0176         0712000008         07         29120         4494         12/20/2018         Bridge           0177         0814000196         08         1F280         3001C         12/21/2018         Bridge           0179         0412000635         04         1SSS8         0312T         12/28/2018         Major Damage           0180         0400001256         04         45660         03081         12/28/2018         Major Damage           0181         0414000339         04         1A904         1067B         12/28/2018 <td< th=""><th>No.</th><th>Project ID</th><th>Dist</th><th>EA</th><th>PPNO</th><th>CCA Date</th><th>Program</th></td<>	No.	Project ID	Dist	EA	PPNO	CCA Date	Program
0171         0514000054         05         1F710         2542         12/17/2018         Pavement           0172         0800001010         08         0N560         02115         12/17/2018         Bridge           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         0714000022         07         30780         4773         12/20/2018         Mandates           0176         071200008         07         29120         4494         12/220/2018         Mandates           0177         0412000032         11         29520         0919         12/28/2018         Major Damage           0180         0400001256         04         45660         03081         12/28/2018         Major Damage           0181         0414000339         04         14960         0487N         12/28/2018	0169	0714000080	07	12997	4765	12/17/2018	Mobility
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         Safety           0180         0400001256         04         45660         0308I         12/28/2018         Major Damage           0181         0414000339         04         14504         1067B         12/28/2018         Major Damage           0182         0413000292         04         44560         0308I         12/28/2018         Major Damage           0182         0430002154         04         26940         0522R         12/28/2018	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           0178         1100000392         11         29520         0919         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
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0175         0714000222         07         30780         4773         12/20/2018         Pavement           0176         0712000008         07         29120         4494         12/20/2018         Mandates           0177         0814000196         08         15280         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         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         0412000166         04         20950         0326A	0173	0800001011	08	0N591	0210K	12/17/2018	Bridge
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         03081         12/28/2018         Major Damage           0181         0414000339         04         1A904         10678         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         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
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0183         0400021254         04         26940         0522R         12/28/2018         Major Damage           0184         0412000491         04         46490         0116Q         12/28/2018         Safety           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         Major Damage           0188         040001044         04         3S910         0713G         12/30/2018         Major Damage           0189         0414000021         04         0J640         0480G         12/31/2018         Safety           0191         0714000165         07         30640         4747         12/31/2018         Mobility           0192         0412000314         04         4G220         0775F         12/31/2018         Bridge           0193         0212000011         02         4E640         3472         12/31/2018         Mandates           0194         0400020616         04         16840         0730E         12/31/2018 <td>0181</td> <td>0414000339</td> <td>04</td> <td>1A904</td> <td>1067B</td> <td>12/28/2018</td> <td>Mandates</td>	0181	0414000339	04	1A904	1067B	12/28/2018	Mandates
0184         0412000491         04         4G490         0116Q         12/28/2018         Safety           0185         0415000191         04         3J740         1488Q         12/28/2018         Major Damage           0186         0412000116         04         20950         0326A         12/30/2018         Bridge           0187         0214000006         02         46380         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         Major Damage           0191         0714000165         07         30640         4747         12/31/2018         Mobility           0192         0412000314         04         4G220         0775F         12/31/2018         Bridge           0193         0212000011         02         4E640         3472         12/31/2018         Mandates           0194         0400020616         04         1G840         0730E         12/31/2018 <td>0182</td> <td>0413000292</td> <td>04</td> <td>4H860</td> <td>0487N</td> <td>12/28/2018</td> <td>Safety</td>	0182	0413000292	04	4H860	0487N	12/28/2018	Safety
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         3S910         0713G         12/30/2018         Major Damage           0189         0414000221         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         Bridge           0193         0212000011         02         4E640         3472         12/31/2018         Bridge           0194         0400220616         04         16840         0730E         12/31/2018         Mandates           0195         011200188         01         08830         4564         12/31/2018	0183	0400021254	04	2G940	0522R	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         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         Bridge           0193         0212000011         02         4E640         3472         12/31/2018         Bridge           0193         0212000018         01         08830         4564         12/31/2018         Mandates           0195         0112000188         01         08830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018 <t< td=""><td>0184</td><td>0412000491</td><td>04</td><td>4G490</td><td>0116Q</td><td>12/28/2018</td><td>Safety</td></t<>	0184	0412000491	04	4G490	0116Q	12/28/2018	Safety
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
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         Bridge           0193         0212000011         02         4E640         3472         12/31/2018         Bridge           0194         0400020616         04         1G840         0730E         12/31/2018         Mandates           0195         0112000188         01         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Mobility           0199         0714000246         07         30860         4780         12/31/2018	0186	0412000116	04	20950	0326A	12/30/2018	Bridge
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         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Mobility           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019	0187	0214000006	02	4G380	3540	12/30/2018	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         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Roadside Preservation           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Mobility           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/	0188	0400001044	04	3S910	0713G	12/30/2018	Major Damage
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         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Roadside Preservation           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Mobility           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/0	0189	0414000021	04	0J640	0480G	12/31/2018	Pavement
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         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Safety           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019	0190	0414000421	04	2J070	1480S	12/31/2018	Safety
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0194         0400020616         04         1G840         0730E         12/31/2018         Mandates           0195         0112000188         01         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Safety           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01	0192	0412000314	04	4G220	0775F	12/31/2018	Safety
0195         0112000188         01         0B830         4564         12/31/2018         Mandates           0196         0413000370         04         0J000         0820P         12/31/2018         Safety           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/07/2019         Roadway Preservation           0204         0500000576         05         49280         4928A         01/07/2019         Bridge           0206         0712000015         07         28990         4485         01/10	0193	0212000011	02	4E640	3472	12/31/2018	Bridge
0196         0413000370         04         0J000         0820P         12/31/2018         Safety           0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0207         0814000195         08         1F270         3001E         01/10	0194	0400020616	04	1G840	0730E	12/31/2018	Mandates
0197         0212000033         02         4E690         3478         12/31/2018         Roadside Preservation           0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/	0195	0112000188	01	0B830	4564	12/31/2018	Mandates
0198         0413000122         04         4G980         0481D         12/31/2018         Safety           0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Major Damage           0208         1016000133         10         1F640         3222         01/11/2019 <td>0196</td> <td>0413000370</td> <td>04</td> <td>01000</td> <td>0820P</td> <td>12/31/2018</td> <td>Safety</td>	0196	0413000370	04	01000	0820P	12/31/2018	Safety
0199         0714000246         07         30860         4780         12/31/2018         Mobility           0200         0114000116         01         0E640         3101         01/01/2019         Safety           0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/2019         Major Damage           0209         0200000016         02         0E090         3346         01/15/2019 <td>0197</td> <td>0212000033</td> <td>02</td> <td>4E690</td> <td>3478</td> <td>12/31/2018</td> <td>Roadside Preservation</td>	0197	0212000033	02	4E690	3478	12/31/2018	Roadside Preservation
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0201         0313000165         03         3F760         2705         01/02/2019         Safety           0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/2019         Major Damage           0209         0200000016         02         0E090         3346         01/15/2019         Bridge	0199	0714000246	07	30860	4780	12/31/2018	Mobility
0202         0112000126         01         0B420         2340         01/02/2019         Major Damage           0203         0414000123         04         1J010         0488J         01/02/2019         Safety           0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/2019         Major Damage           0209         0200000016         02         0E090         3346         01/15/2019         Bridge	0200	0114000116	01	0E640	3101	01/01/2019	Safety
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0204         0500000576         05         49280         4928A         01/07/2019         Roadway Preservation           0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/2019         Major Damage           0209         0200000016         02         0E090         3346         01/15/2019         Bridge	0202	0112000126	01	0B420	2340	01/02/2019	Major Damage
0205         0400000827         04         2A490         0608K         01/10/2019         Bridge           0206         0712000015         07         28990         4485         01/10/2019         Mandates           0207         0814000195         08         1F270         3001E         01/10/2019         Bridge           0208         1016000133         10         1F640         3222         01/11/2019         Major Damage           0209         0200000016         02         0E090         3346         01/15/2019         Bridge	0203	0414000123	04	1J010	0488J	01/02/2019	Safety
0206       0712000015       07       28990       4485       01/10/2019       Mandates         0207       0814000195       08       1F270       3001E       01/10/2019       Bridge         0208       1016000133       10       1F640       3222       01/11/2019       Major Damage         0209       0200000016       02       0E090       3346       01/15/2019       Bridge	0204	0500000576	05	49280	4928A	01/07/2019	Roadway Preservation
0207     0814000195     08     1F270     3001E     01/10/2019     Bridge       0208     1016000133     10     1F640     3222     01/11/2019     Major Damage       0209     0200000016     02     0E090     3346     01/15/2019     Bridge	0205	0400000827	04	2A490	0608K	01/10/2019	Bridge
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
0209 0200000016 02 0E090 3346 01/15/2019 Bridge	0207	0814000195	08	1F270	3001E	01/10/2019	Bridge
	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         07700         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           0217         1200020130         12         0H206         34211         02/01/2019         Roadside Preservation           0218         0200020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Pavement           0222         0713000444         07         30230         4686         02/15/2019<	Index						
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         Major Damage           0215         0217000141         02         3H550         3694         02/01/2019         Major Damage           0216         12000020130         12         0H206         34211         02/01/2019         Roadside Preservation           0217         1200020042         02         3E410         3435         02/06/2019         Mobility           0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Pavement           0220         070002094         07         28810         4416         02/15/2019         Pavement           0221         071200016         07         29000         4486         02/15/2019         Pavement           0221         071300044         07         28310         4416         02/15/2	No.	Project ID	Dist	EA	PPNO	CCA Date	Program
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         Major Damage           0216         1200000187         12         0H206         34211         02/01/2019         Roadside Preservation           0217         1200020130         12         0H206         34211         02/01/2019         Roadside Preservation           0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Pavement           0222         071300044         07         3033         4686         0	0211	0500000049	05	0F700	7000	02/01/2019	Bridge
0214         0414000542         04         2J660         1482M         02/01/2019         Safety           0215         0217000141         02         3H550         3694         02/01/2019         Major Damage           0216         12000020130         12         OH205         3448         02/01/2019         Roadside Preservation           0217         1200020130         12         OH206         34211         02/06/2019         Mobility           0218         0200020042         02         3E410         3435         02/06/2019         Bridge           0220         070002094         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         2900         4486         02/15/2019         Pavement           0222         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           0224         0613000022         06         06980         6349         02/15/2019         Pavement           0225         1112000141         11         41102         1084         02/15/2019 <td>0212</td> <td>0200000603</td> <td>02</td> <td>2E800</td> <td>3426</td> <td>02/01/2019</td> <td>Mobility</td>	0212	0200000603	02	2E800	3426	02/01/2019	Mobility
0215         0217000141         02         3H550         3694         02/01/2019         Major Damage           0216         1200000187         12         0H205         3448         02/01/2019         Roadside Preservation           0217         1200020130         12         0H206         34211         02/01/2019         Roadside Preservation           0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0713000484         07         30230         4686         02/15/2019         Pavement           0222         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           0224         0613000022         06         0G980         6349         02/15/2019         Pavement           0225         1112000141         11         41120         1084         <	0213	0812000165	08	0R780	0050L	02/01/2019	Safety
0216         1200000187         12         OH205         3448         02/01/2019         Roadside Preservation           0217         1200020130         12         OH206         34211         02/01/2019         Roadside Preservation           0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Pavement           0221         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           0224         0613000022         06         0G980         6349         02/15/2019         Pavement           0225         1112000141         11         41120         1084         02/15/2019         Bridge           0227         0513000142         05         0N190         4019         02/	0214	0414000542	04	2J660	1482M	02/01/2019	Safety
0217         1200020130         12         0H206         34211         02/01/2019         Roadside Preservation           0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         071200016         07         29000         4486         02/15/2019         Safety           0222         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           0224         0613000022         06         0G980         6349         02/15/2019         Pavement           0225         1112000141         11         41120         1084         02/15/2019         Parement           0226         0112000293         01         0C430         4572         02/15/2019         Bridge           0227         0513000142         05         0N190         4019         02/27/2019	0215	0217000141	02	3H550	3694	02/01/2019	Major Damage
0218         0200020042         02         3E410         3435         02/06/2019         Mobility           0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Pavement           0222         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           0224         0613000022         06         0G980         6349         02/15/2019         Safety           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         Mobil	0216	1200000187	12	0H205	3448	02/01/2019	Roadside Preservation
0219         0800020582         08         0Q890         0010C         02/06/2019         Bridge           0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Safety           0222         0713000484         07         30230         4686         02/15/2019         Pavement           0223         1213000116         12         0N110         4849C         02/15/2019         Pavement           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         070020927         07         28720         4405         02/28/2019         Mandat	0217	1200020130	12	0H206	34211	02/01/2019	Roadside Preservation
0220         0700020994         07         28810         4416         02/15/2019         Pavement           0221         0712000016         07         29000         4486         02/15/2019         Safety           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 <td< td=""><td>0218</td><td>0200020042</td><td>02</td><td>3E410</td><td>3435</td><td>02/06/2019</td><td>Mobility</td></td<>	0218	0200020042	02	3E410	3435	02/06/2019	Mobility
0221         0712000016         07         29000         4486         02/15/2019         Safety           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         041200490         04         46480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Br	0219	0800020582	08	0Q890	0010C	02/06/2019	Bridge
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         Safety           0226         0112000293         01         0C430         4572         02/15/2019         Bridge           0227         0513000142         05         0M190         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
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         Safety           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         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Bri	0221	0712000016	07	29000	4486	02/15/2019	Safety
0224         0613000022         06         0G980         6349         02/15/2019         Pavement           0225         1112000141         11         41120         1084         02/15/2019         Safety           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         1212000990         12         0M490         2545         03/01/2019         Safety           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Bridge<	0222	0713000484	07	30230	4686	02/15/2019	Pavement
0225         1112000141         11         41120         1084         02/15/2019         Safety           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         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Bridge           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Bridge           0236         011500036         01         0E840         2407         03/19/2019         Bridge <td>0223</td> <td>1213000116</td> <td>12</td> <td>0N110</td> <td>4849C</td> <td>02/15/2019</td> <td>Major Damage</td>	0223	1213000116	12	0N110	4849C	02/15/2019	Major Damage
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         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Safety           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Bridge           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Pavement	0224	0613000022	06	0G980	6349	02/15/2019	Pavement
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         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Bridge           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Bridge           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavemen	0225	1112000141	11	41120	1084	02/15/2019	Safety
0228         0814000175         08         0G770         9991C         02/28/2019         Mobility           0229         0700020927         07         28720         4405         02/28/2019         Mandates           0230         0412000490         04         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Bridge           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Pavement           0238         0415000331         04         4J340         1490E         03/29/2019         Pavem	0226	0112000293	01	0C430	4572	02/15/2019	Bridge
0229         0700020927         07         28720         4405         02/28/2019         Mandates           0230         0412000490         04         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Safety           0232         0612000108         06         0K810         6605         03/08/2019         Pavement           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/19/2019         Bridge           0236         011500036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavemen	0227	0513000142	05	0N190	4019	02/27/2019	Mobility
0230         0412000490         04         4G480         0780G         02/28/2019         Safety           0231         1212000090         12         0M490         2545         03/01/2019         Safety           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           0240         0313000017         03         3F480         5103         04/01/2019         Safety </td <td>0228</td> <td>0814000175</td> <td>08</td> <td>0G770</td> <td>9991C</td> <td>02/28/2019</td> <td>Mobility</td>	0228	0814000175	08	0G770	9991C	02/28/2019	Mobility
0231         1212000090         12         0M490         2545         03/01/2019         Safety           0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           0240         0313000017         03         3F480         5103         04/01/2019         Safety           0241         0714000021         07         30140         4703         04/03/2019         Mandates<	0229	0700020927	07	28720	4405	02/28/2019	Mandates
0232         0612000108         06         0K810         6605         03/01/2019         Bridge           0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         011500036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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	0230	0412000490	04	4G480	0780G	02/28/2019	Safety
0233         0714000219         07         30740         4769         03/08/2019         Pavement           0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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         Safet	0231	1212000090	12	0M490	2545	03/01/2019	Safety
0234         0814000085         08         0E551         0195M         03/15/2019         Mobility           0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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         081200071         08         0R350         0107F         04/10/2019         Bridge<	0232	0612000108	06	0K810	6605	03/01/2019	Bridge
0235         0413000052         04         4G850         0681Q         03/15/2019         Bridge           0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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         Major Dam	0233	0714000219	07	30740	4769	03/08/2019	Pavement
0236         0115000036         01         0E840         2407         03/19/2019         Bridge           0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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 Dama	0234	0814000085	08	0E551	0195M	03/15/2019	Mobility
0237         0715000234         07         31700         4958         03/29/2019         Safety           0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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         Majo	0235	0413000052	04	4G850	0681Q	03/15/2019	Bridge
0238         0415000331         04         4J340         1490E         03/29/2019         Pavement           0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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 <t< td=""><td>0236</td><td>0115000036</td><td>01</td><td>0E840</td><td>2407</td><td>03/19/2019</td><td>Bridge</td></t<>	0236	0115000036	01	0E840	2407	03/19/2019	Bridge
0239         0614000114         06         0S340         3034         03/30/2019         Pavement           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         S	0237	0715000234	07	31700	4958	03/29/2019	Safety
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
	0248	1012000039	10	0G720	0337	04/18/2019	Bridge
0250 0700000085 07 1170U 0309N 04/29/2019 Pavement	0249	0613000034	06	0Q320	6651		Safety
	0250	0700000085	07	1170U	0309N		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

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         40580         1022         05/24/2019         Mandates           0260         1213000036         12         0M910         4317         06/01/2019         Mandates           0261         0713000241         07         38870         4567         06/12/2019         Mandates           0262         0812000288         08         1C100         0179G         06/14/2019         Pavement           0263         0700021842         07         28380         4328         07/01/2019         Safety<	Index						
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         0200         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         66/01/2019         Major Damage           0261         071300241         07         3X870         4567         06/12/2019         Major Damage           0262         0812000288         08         1C100         0179G         06/14/2019         Pawement           0263         070002042         07         4853         4328         07/01/2019         Safety           0264         0714000094         07         2838U         4328         07/01/2019	No.	Project ID	Dist	EA	PPNO	CCA Date	Program
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         Major Damage           0261         0713000241         07         3X870         4567         06/12/2019         Major Damage           0262         0812000288         08         1C100         01796         06/14/2019         Payement           0263         070002042         07         4Y850         4383         06/19/2019         Bridge           0264         0714000094         07         2838U         4328         07/01/2019         Safety           0265         0700021842         07         28270         4293         07/01/2019 <td< td=""><td>0253</td><td>1215000023</td><td>12</td><td>0P020</td><td>2442</td><td>05/01/2019</td><td>Safety</td></td<>	0253	1215000023	12	0P020	2442	05/01/2019	Safety
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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         Major Damage           0261         0713000241         07         3X870         4567         06/12/2019         Major Damage           0262         0812000288         08         1C100         0179G         06/14/2019         Pavement           0263         070002042         07         4Y850         4383         06/19/2019         Bridge           0264         071400094         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         06040         00408         07/01/2019         Saf	0255	0713000481	07	30220	4685	05/14/2019	Pavement
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         Malor Damage           0261         0713000241         07         3X870         4567         06/12/2019         Malor Damage           0262         0812000288         08         1C100         0179G         06/14/2019         Pavement           0263         0700021842         07         47850         4383         06/19/2019         Bridge           0264         071400094         07         2838U         4328         07/01/2019         Safety           0265         0700021842         07         28270         4293         07/01/2019         Safety           0266         0713000120         07         29460         4584         07/01/2019         Safety           0267         0500020020         05         06040         0408         07/01/2019         Pavement           0268         0713000129         07         30080         4680         07/01/2019         Pa	0256	1114000045	11	24400	1107	05/17/2019	Mobility
0259         1100020271         11         40580         1022         05/24/2019         Mandates           0260         1213000036         12         0M910         4317         06/01/2019         Mandates           0261         0713000241         07         3X870         4567         06/14/2019         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         0713000120         05         0G040         0040B         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         S	0257	0812000072	08	0R340	0200J	05/21/2019	Bridge
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         070002042         07         4Y850         4383         06/19/2019         Bridge           0264         0714000094         07         2838U         4328         07/01/2019         Safety           0265         0700021842         07         29460         4584         07/01/2019         Safety           0266         0713000012         07         29460         4584         07/01/2019         Pavement           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         Bri	0258	1100020265	11	40570	1020	05/23/2019	Safety
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         28460         4584         07/01/2019         Safety           0266         071300012         07         29460         4584         07/01/2019         Safety           0267         0500020020         05         06040         00408         07/01/2019         Pavement           0268         071300489         07         30080         4680         07/01/2019         Pavement           0269         1200020180         12         01720         4124         07/01/2019         Pavement           0269         1200020180         12         01720         4124         07/01/2019         Safety           0271         0100000186         01         43060         0046D         07/01/2019         Bridg	0259	1100020271	11	40580	1022	05/24/2019	Mandates
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         071300012         07         29460         4584         07/01/2019         Safety           0267         0500020020         05         0G040         0040B         07/01/2019         Pavement           0268         0713000489         07         30080         4680         07/01/2019         Safety           0270         0112000001         01         0A990         2329         07/01/2019         Safety           0271         01120000186         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	0260	1213000036	12	0M910	4317	06/01/2019	Mandates
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         06040         0040B         07/01/2019         Pavement           0268         0713000489         07         30080         4680         07/01/2019         Safety           0270         0112000001         01         0A990         2329         07/01/2019         Safety           0270         0112000011         01         0A990         2329         07/01/2019         Safety           0271         0100000186         01         43060         0046D         07/01/2019         Safety           0271         0100000186         01         43060         0046D         07/01/2019         Safety           0271         0113000124         01         0E100         2358         07/01/2019         Safety	0261	0713000241	07	3X870	4567	06/12/2019	Major Damage
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         Safety           0273         051200074         05         1C100         2358         07/01/2019         Safety           0274         0616000026         06         0U720         6793         07/01/2019         Safety	0262	0812000288	08	1C100	0179G	06/14/2019	Pavement
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         Bridge           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	0263	0700020042	07	4Y850	4383	06/19/2019	Bridge
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         010000186         01         43060         0046D         07/01/2019         Bridge           0272         0113000124         01         0E100         2383         07/01/2019         Safety           0274         0616000026         06         0U720         6793         07/01/2019         Safety           0275         0415000066         04         3659U         8315V         07/01/2019         Pavement           0276         0615000050         06         0S490         6729         07/05/2019         Pavement           0277         0513000022         05         1C990         2458         07/08/2019         Safety <td>0264</td> <td>0714000094</td> <td>07</td> <td>2838U</td> <td>4328</td> <td>07/01/2019</td> <td>Safety</td>	0264	0714000094	07	2838U	4328	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         01720         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         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 </td <td>0265</td> <td>0700021842</td> <td>07</td> <td>28270</td> <td>4293</td> <td>07/01/2019</td> <td>Safety</td>	0265	0700021842	07	28270	4293	07/01/2019	Safety
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         Safety           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	0266	0713000012	07	29460	4584	07/01/2019	Safety
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	0267	0500020020	05	0G040	0040B	07/01/2019	Pavement
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         Pavement           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         07/15/2019         Safety           0280         0714000304         07         30980         4799         07/15/2019         Mobility <td>0268</td> <td>0713000489</td> <td>07</td> <td>30080</td> <td>4680</td> <td>07/01/2019</td> <td>Pavement</td>	0268	0713000489	07	30080	4680	07/01/2019	Pavement
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	0269	1200020180	12	0L720	4124	07/01/2019	Safety
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	0270	0112000001	01	0A990	2329	07/01/2019	Safety
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         041500012         04         4A09A         0382E         07/15/2019         Bridge           0283         0700021272         07         25262         3725B         07/17/2019         Pavement <td>0271</td> <td>0100000186</td> <td>01</td> <td>43060</td> <td>0046D</td> <td>07/01/2019</td> <td>Bridge</td>	0271	0100000186	01	43060	0046D	07/01/2019	Bridge
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	0272	0113000124	01	0E100	2383	07/01/2019	Bridge
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           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         07/30/2019         Man	0273	0512000074	05	1C100	2358	07/01/2019	Safety
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	0274	0616000026	06	0U720	6793	07/01/2019	Safety
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	0275	0415000066	04	3G59U	8315V	07/01/2019	Pavement
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         Mandat	0276	0615000050	06	0S490	6729	07/05/2019	Pavement
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           0290         0700021123         07         28910         4457         07/30/2019         Mobil	0277	0513000022	05	1C990	2458		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         Mobility           0291         0700021166         07         1W240         4580         07/31/2019         Bri	0278	1212000096	12	0M520	3089A	07/10/2019	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         Mobility           0290         0700021123         07         28910         4457         07/30/2019         Mobility           0291         0700021166         07         1W240         4580         07/31/2019         B	0279	1113000018	11	41530	1103	07/12/2019	Safety
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         Manda	0280	0714000304	07	30980	4799	07/15/2019	Safety
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         Mobility           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         Mandates           0293         0700000552         07         28150         4279         08/01/2019         Ma	0281	0316000080	03	0F351	6913	07/15/2019	Mobility
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	0282	0415000012	04	4A09A	0382E	07/15/2019	Bridge
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	0283	0700021272	07	25262	3725B		Pavement
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	0284	0713000485	07	30060	4678	· · ·	Pavement
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	0285	0700020923	07	28670	4387	07/25/2019	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       07000021166       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	0286	0816000072	08	1E581	0238T	07/26/2019	Safety
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			07			· · ·	
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					3536		
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	0289			4E680	3477		·
0292     0614000038     06     0R140     3036     08/01/2019     Pavement       0293     0700000552     07     28150     4279     08/01/2019     Mandates						· · ·	·
0293 0700000552 07 28150 4279 08/01/2019 Mandates							
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0294 0513000020 05 1C970 2456 08/01/2019 Safety							
	0294	0513000020	05	1C970	2456	08/01/2019	Safety

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         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         Pavement           0302         0800000431         08         0L710         0242k         08/15/2019         Pavement           0302         0800000131         08         0L710         0242k         08/17/2019         Major Damage           0304         0716000306         07         33340         5180         08/28/2019         Major Damage           0305         0800020191         08         0Q300         0237P         08/30/2019 <th>Index</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	Index						
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         Major Damage           0302         080000431         08         0L710         0242k         08/17/2019         Major Damage           0303         0416000128         04         0K700         1495C         08/17/2019         Major Damage           0304         0716000306         07         33340         5180         08/28/2019         Major Damage           0305         0800020191         08         00300         0237P         08/30/2019         Safety           0306         0413000123         04         4H260         0133H         08	No.	Project ID	Dist	EA	PPNO	CCA Date	Program
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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         080000431         08         0L710         0242K         08/15/2019         Major Damage           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         Safety           0307         0713000037         07         29580         4595         08/30/2019         Safety           0309         071300017         07         29530         4588         09/05/2019	0296	0700000182	07	18312	2163A	08/05/2019	Pavement
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         Mandates           0302         0800000431         08         0L710         0242K         08/15/2019         Major Damage           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         Safety           0308         0713000174         07         29750         4617         09/05/2019         Safety           0310         0416000119         04         4H751         0158G         09/10/2019         Safety           0311         0713000276         07         29860         4630         09/11/2019	0297	0516000151	05	1H780	2688	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         March           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         Safety           0308         0713000174         07         29750         4617         09/05/2019         Safety           0310         0416000119         04         4H751         01586         09/10/2019         Safety           0311         0713000276         07         29860         4630         09/11/2019 <t< td=""><td>0298</td><td>0716000112</td><td>07</td><td>32610</td><td>5036</td><td>08/06/2019</td><td>Major Damage</td></t<>	0298	0716000112	07	32610	5036	08/06/2019	Major Damage
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         Safety           0307         0713000037         07         29580         4595         08/30/2019         Safety           0308         0713000017         07         29530         4588         09/05/2019         Safety           0310         0416000119         04         4H751         01586         09/10/2019         Safety           0311         0713000276         07         29860         4630         09/11/2019         Safety           0312         1100000215         11         26220         1063         09/13/2019         M	0299	1115000140	11	41852	0559	08/09/2019	Pavement
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         Safety           0307         0713000037         07         29580         4595         08/30/2019         Safety           0308         0713000194         07         29750         4617         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         21460         1485C         09/13/2019	0300	1200020177	12	0J400	3174	08/15/2019	Pavement
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         Safety           0307         0713000037         07         29580         4595         08/30/2019         Safety           0308         0713000194         07         29750         4617         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         21460         1485C         09/13/2019         Safety           0314         0400020620         04         16870         0730F         09/16/2019         Sa	0301	0713000154	07	29720	4616	08/15/2019	Safety
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           0310         0416000119         04         4H751         01586         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         16870         0730F         09/16/2019         Safety           0315         0400000772         04         28382         0832A         09/30/2019	0302	0800000431	08	0L710	0242K	08/15/2019	Mandates
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         110000215         11         26220         1063         09/13/2019         Bridge           0313         0414000518         04         21460         1485C         09/13/2019         Major Damage           0314         0400020620         04         16870         0730F         09/16/2019         Safety           0315         0400000772         04         28382         0832A         09/30/2019         Safety<	0303	0416000128	04	0K700	1495C	08/17/2019	Major Damage
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         110000215         11         26220         1063         09/13/2019         Bridge           0313         0414000518         04         21460         1485C         09/13/2019         Major Damage           0314         0400020620         04         16870         0730F         09/16/2019         Safety           0315         0400000772         04         28382         0832A         09/30/2019         Safety           0316         0300020462         03         2F080         9580         10/01/2019         Safety </td <td>0304</td> <td>0716000306</td> <td>07</td> <td>33340</td> <td>5180</td> <td>08/28/2019</td> <td>Major Damage</td>	0304	0716000306	07	33340	5180	08/28/2019	Major Damage
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         01586         09/10/2019         Safety           0311         0713000276         07         29860         4630         09/11/2019         Safety           0312         110000215         11         26220         1063         09/13/2019         Bridge           0312         110000215         04         21460         1485C         09/16/2019         Safety           0314         0400020620         04         16870         0730F         09/16/2019         Safety	0305	0800020191	08	0Q300	0237P	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         09/13/2019         Bridge           0312         1100000215         11         26220         1063         09/13/2019         Bridge           0313         0414000518         04         2J460         1485C         09/13/2019         Major Damage           0314         0400020620         04         16870         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         10/03/2019         Major Damage           0318         0713000315         07         38960         4576         10/03/2019         Ma	0306	0413000123	04	4H260	0133H	08/30/2019	Mandates
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         0400000772         04         28382         0832A         09/30/2019         Safety           0316         0300020462         03         2F080         9580         10/01/2019         Safety           0316         0300020462         03         2F080         9580         10/01/2019         Safety           0317         0713000310         07         29930         4650         10/01/2019         Major Damage           0317         0713000335         07         3X960         4576         10/03/2019         Major Damage           0319         0213000031         02         4F770         3522         10/15/2019 <td< td=""><td>0307</td><td>0713000037</td><td>07</td><td>29580</td><td>4595</td><td>08/30/2019</td><td>Safety</td></td<>	0307	0713000037	07	29580	4595	08/30/2019	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         02130000031         02         4F570         3513         10/15/2019 <td< td=""><td>0308</td><td>0713000194</td><td>07</td><td>29750</td><td>4617</td><td>09/05/2019</td><td>Safety</td></td<>	0308	0713000194	07	29750	4617	09/05/2019	Safety
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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         10/03/2019         Major Damage           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         040000160         04         0A710         0044C         11/01/2019	0310	0416000119	04	4H751	0158G	09/10/2019	Safety
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         0213000003         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         021500056         02         4G03U         3533         11/01/2019 <td< td=""><td>0311</td><td>0713000276</td><td>07</td><td>29860</td><td>4630</td><td>09/11/2019</td><td>Safety</td></td<>	0311	0713000276	07	29860	4630	09/11/2019	Safety
0314         0400020620         04         16870         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         Bridg	0312	1100000215	11	26220	1063	09/13/2019	Bridge
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         11/09/2019         Bridge	0313	0414000518	04	2J460	1485C	09/13/2019	Major Damage
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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         Mobili	0316	0300020462	03	2F080	9580	10/01/2019	Mandates
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           0330         1212000018         12         0M350         4952B         12/01/2019         Safety <td>0317</td> <td>0713000310</td> <td>07</td> <td>29930</td> <td>4650</td> <td>10/01/2019</td> <td>Safety</td>	0317	0713000310	07	29930	4650	10/01/2019	Safety
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	0318	0713000335	07	3X960	4576	10/03/2019	Major Damage
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         Pavement           0332         0112000137         01         08550         4555         12/01/2019         Major Dam	0319	0213000031	02	4F770	3522	10/15/2019	Pavement
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         Major Damage	0320	0213000008	02	4F570	3513	10/15/2019	Bridge
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	0321	0212000012	02	4E650	3473	10/31/2019	Bridge
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	0322	0400000160	04	0A710	0044C	11/01/2019	Mobility
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	0323	0215000056	02	4G03U	3533	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	0324	0112000283	01	0C370	4573	11/01/2019	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	0325	0913000007	09	35780	0615	11/01/2019	Safety
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	0326	0612000114	06	0N990	6598	11/09/2019	Bridge
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	0327	0200020196	02	4E020	3449	11/15/2019	Pavement
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	0328	1113000115	11	00271	0778A	11/22/2019	Mobility
0331       0413000140       04       4H210       0636S       12/01/2019       Pavement         0332       0112000137       01       0B550       4555       12/01/2019       Major Damage	0329	0713000029	07	29620	4592	11/27/2019	Safety
0332 0112000137 01 0B550 4555 12/01/2019 Major Damage	0330	1212000018	12	0M350	4952B	12/01/2019	Safety
	0331	0413000140	04	4H210	0636S	12/01/2019	Pavement
0333 0112000150 01 0B260 1076 12/01/2019 Safety	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	0334	0112000133	01	0B500	4550	12/02/2019	Major Damage
0335 0712000102 07 25840 3858 12/02/2019 Mandates	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

Index						
No.	Project ID	Dist	EA	PPNO	<b>CCA Date</b>	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

Index						
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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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	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

## **2018 SHOPP**

