

STATE HIGHWAY OPERATION AND PROTECTION PROGRAM



2020 SHOPP

FISCAL YEARS
2020-21 through 2023-24

PROPOSED

Prepared by the
CALIFORNIA DEPARTMENT OF TRANSPORTATION

In accordance with Government Code section 14526.5

CALIFORNIA STATE TRANSPORTATION AGENCY

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EXECUTIVE SUMMARY

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

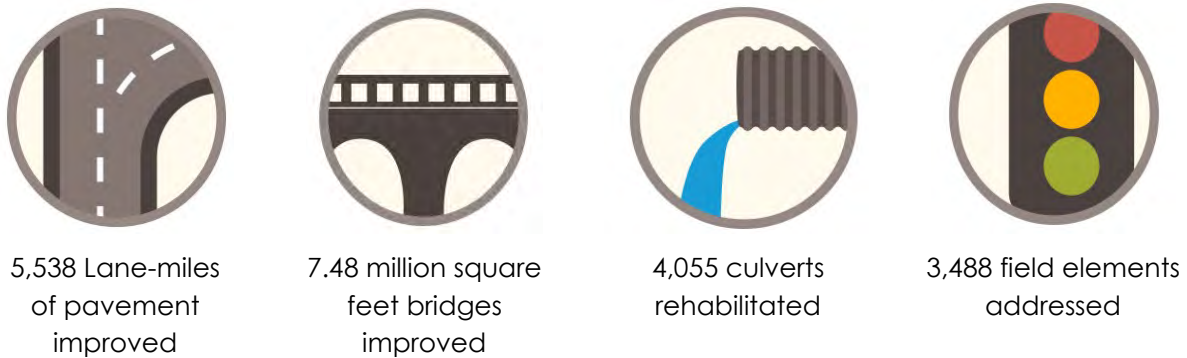
The SHOPP includes funding reservations for emergency repairs and safety improvements where specific project funding needs cannot be anticipated prior to actual incidents. Revenues for the SHOPP are generated by federal and state gas taxes and are fiscally constrained by the 2020 State Transportation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

For the 2020 SHOPP, Caltrans will implement \$17.4 billion in projects over four years, covering Fiscal Years 2020-21 through 2023-24. A four-year summary of SHOPP investments is provided in **Table 2**. A more detailed 2020 Funding Summary is available in **EXHIBIT A** and the full 2020 County Listing of Projects in **EXHIBIT H**. Caltrans is submitting this proposed portfolio of projects to the Commission for Commission review and adoption. It is anticipated that the Commission will adopt the 2020 SHOPP by their meeting in May 2020.

The 2020 SHOPP is the first performance driven project portfolio built entirely driven by the Asset Management process. Projects in the 2020 SHOPP were developed under an asset management framework established through the California Transportation Asset Management Plan (TAMP) and implemented with the State

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

Figure 1 - 2020 SHOPP Performance Measures



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

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

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

Table 1 – 2017 to 2027 Ten-Year Condition Estimates

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

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

Caltrans is committed to making continuing improvements in implementation of Complete Streets features. These efforts include changes to Caltrans policy, guidance, procedures and organizational structure. For instance, Caltrans is evaluating its design guidance for consistency with externally available sources at the Federal and national association levels. Furthermore, efforts to develop an improved dataset of bicycle and pedestrian facilities is underway to better assess the inventory and condition of these assets for the 2021 SHSMP. An

analysis of the 2020 SHOPP has determined that 41 percent of the projects include one or more bicycle, pedestrian or transit focused feature and is demonstrating a growing Complete Streets focus.

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

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

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INTRODUCTION

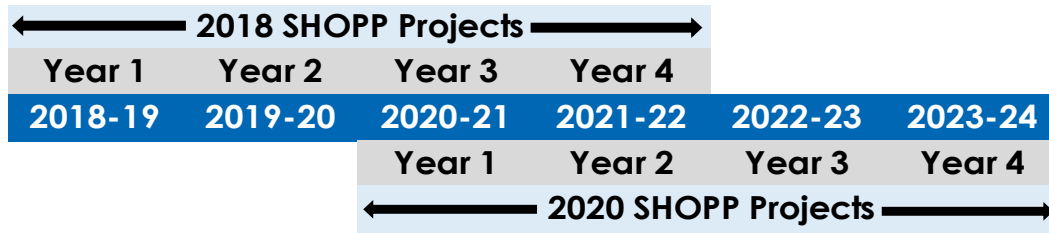
The 2020 State Highway Operation and Protection Program (SHOPP) was prepared by the California Department of Transportation (Caltrans) in accordance with Government Code section 14526.5 (**EXHIBIT B**), Streets and Highways Code section 164.6, Senate Bill 486 (Chapter 917, Statutes of 2014) (**EXHIBIT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

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

SHOPP PROCESS

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

Figure 2 - Relationship between 2018 and 2020 SHOPP Cycles



The SHOPP programming cycle has four major elements:

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

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

CONSISTENCY WITH TRANSPORTATION ASSET MANAGEMENT

The 2020 SHOPP is comprised of a portfolio of 881 projects (315 new and 566 “carryover” projects from the 2018 SHOPP), spanning the four fiscal years 2020-21 through 2023-24. More than half of these projects focus on condition improvements across four primary asset classes (i.e., pavement, bridge, drainage, and Transportation Management Systems) (TMS), supporting Caltrans’ progress in meeting the required 2027 performance targets set forth in SB 1.

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

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

The SHSMP integrates both federal and state mandated targets and further expands the scope of asset management to 32 total performance objectives and targets. The local Caltrans districts develop project portfolios spanning the 10-year plan period to achieve the required performance within fiscal constraints. These project portfolios are actively managed by the districts to adapt to project level scope changes, schedule adjustments, and other factors to assure that 10-year performance targets can be achieved. Complete project lists and details are published and updated quarterly in the SHOPP Ten-Year Project Book³. All proposed new 2020 SHOPP projects have been listed in the publicly available Project Book for a minimum of six months and up to 2.5 years, depending on the project.

To measure progress toward meeting the defined performance targets, Caltrans developed annual benchmarks (future condition projections) to measure

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

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

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

progress made for each of the four primary towards achieving the 2027 targets. These benchmarks were initially adopted by the Commission in March 2018, and Caltrans now reports annually on progress to the Commission.

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

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

Table 2 summarizes 2020 SHOPP projects and planned reservations against the 2019 SHSMP targets. A greater detailed summary of the 2020 SHOPP, by fiscal year, is shown in **EXHIBIT A: 2020 SHOPP Funding Summary**.

**Table 2 - Comparison of 2020 SHOPP Programming to the 2019 SHSMP
Fiscal Years 2020-21 through 2023-24***

Program Categories	2020 SHOPP Projects & Reservations (in Millions)	40% of 10-yr Constrained 2019 SHSMP* (in Millions)
Primary Assets		
Pavement	\$4,507	\$7,591
Bridge	\$2,492	\$3,828
Culvert(s)	\$840	\$1,116
TMS	\$1,439	\$1,462
Supplementary Assets	\$988	\$1,193
Project Objectives		
Major Damage Restoration	\$2,528	\$839
Collision Reduction	\$2,137	\$2,742
Mandates	\$585	\$651
Mobility	\$463	\$387
Roadside Preservation	\$111	\$219
Protective Betterments	\$84	\$96
Multiple Objective	\$144	\$0
Minor Program	\$1,000	\$0
Long Lead (New)	\$40	
Total:	\$17,360	\$20,124
*Excludes Proposition 1B bond funds.		
Note: The SHOPP is developed in thousands and rounded for this table. Numbers may not add due to rounding.		

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

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

Table 3 - 2020 SHOPP Investments by Objective

Anchor Objective	Project Cost (\$B)	Percent of SHOPP
Pavement	\$4.5	27.6%
Bridges	\$2.5	15.3%
Culverts	\$0.8	5.1%
TMS	\$1.4	8.8%
Damage Restoration	\$2.5	15.5%
Safety	\$1.8	11.0%
All Others	\$2.7	16.7%
Grand Total	\$16.3	100%

Primary Asset Class Improvements in the 2020 SHOPP

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

- 5,538 lane miles of fair and poor condition pavement
- Fair and poor condition bridges representing 7.48 million square feet of deck area, of which 220 bridges are anticipated to be “fixed” (as defined by SB 1)
- 4,055 fair and poor culverts comprised of 375,840 linear feet
- 3,488 poor condition TMS elements

Table 4 - 2020 SHOPP Performance for Primary Asset Classes

Performance Objective	Fair & Poor	Units
Pavement	5,538	Lane Miles
Bridge Health	7,478,201	Square Feet
Drainage System Restoration	375,840	Linear Feet
Transportation Management Systems	3,488	Each

Fish Passage

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

SHOPP DEVELOPMENT AND PLANNING CYCLES

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

The PID identifies the scope, schedule and cost for each capital project and is the basis for determining the amount of funding being requested for programming each project in the SHOPP. During PID development, various components and analyses are integrated into the project such as active transportation, risk management, and other topics. Caltrans also coordinates with regional and local partners. Coordination with partners contributes to identification of opportunities or potential risks. This coordination considers local capital improvement programs, active transportation programs and other potential areas to collaborate through scope, cost or schedule. Completed PIDs include a Transportation Planning Scoping Information Sheet that provide input on local and regional issues through the lens of system planning; local land use development; climate change; smart mobility; complete streets and other planning functions. Completed PIDs provide the backbone for the 2020 SHOPP by ensuring a project's scope, cost, and schedule are clearly defined and the

outcomes of the projects work towards achieving the goals and objectives set by Caltrans.

SHOPP FUNDING

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

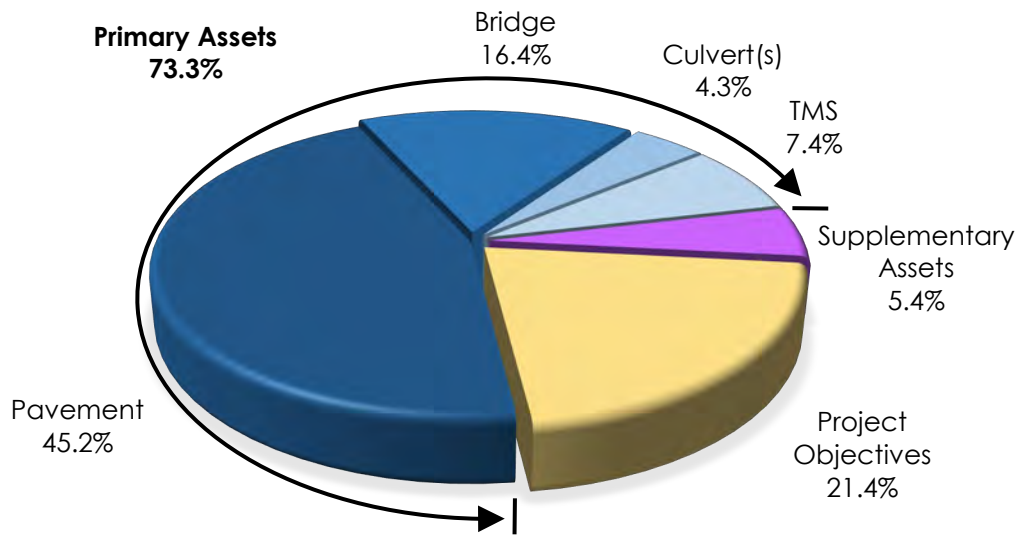


Figure 3 – Percent of Projects in Asset Management Classes

CAPITAL OUTLAY AND CAPITAL OUTLAY SUPPORT

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

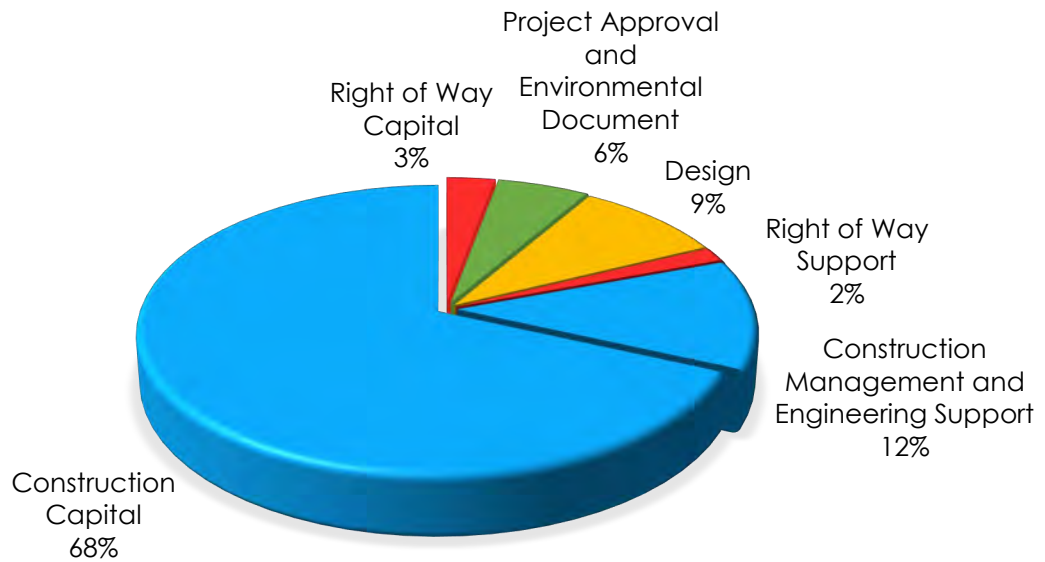


Figure 4 – 2020 SHOPP Distributed Among Project Components

INNOVATION AND SUSTAINABILITY

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

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

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

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

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

LONG LEAD AND CONTINGENCY PROGRAMMING

Long Lead and Contingency projects help ensure that the State fully utilizes its available federal transportation funding. On June 15, 2000, Commission resolution G-00-13 provided Caltrans with a means to commence project delivery efforts on SHOPP Long Lead projects, which require more than four years to develop due to complex environmental and preliminary engineering work. The 2020 SHOPP contains 41 Long Lead projects, valued at \$2.96 billion. These projects require complex environmental and preliminary engineering work, taking more than four-years to complete as shown in **EXHIBIT I: 2020 SHOPP Long Lead Projects**.

The Commission further authorized Caltrans to program Contingency projects for preliminary engineering development only, when appropriate, thus creating projects that address performance goals without committing SHOPP resources to construction capital and support prematurely, before the resources are needed. This enables the maximum currently available capital funding to be dedicated to projects that are ready for construction rather than having funding held aside for years as complex projects get ready for construction. The 2020 SHOPP contains 72 contingency projects, valued at \$4.9 billion that are included within the 2020 SHOPP project listing in **EXHIBIT H**. A “shovel-ready” contingency project can quickly be proposed for funding should additional transportation revenues be provided, or to replace a project that is delayed or otherwise reduced in cost, making funding available within the fiscally constrained Fund Estimate period.

PROPOSITION 1B PROJECTS

On November 7, 2006, Proposition 1B, the Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006, was approved creating the Highway Safety, Rehabilitation and Preservation Account. Proposition 1B set aside \$500 million to augment the SHOPP. As of June 30, 2019, \$486 million has been allocated to 35 SHOPP projects and \$3 million for administrative cost. Of the 35 allocated projects, 34 totaling nearly \$436.3 million have been completed, and 1 project totaling \$49.7 million is in construction. Project close-out and support savings, along with cost savings set aside for administration, leave an estimated remaining of \$30 million that will be programmed on new SHOPP eligible projects.

CLIMATE CHANGE

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

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

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

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

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

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

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

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

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

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

COMPLETE STREETS – MEETING THE NEEDS OF ALL MODES

Caltrans has implemented project level Complete Streets assessments during project scoping and is developing additional initiatives that will improve overall management of the SHOPP to better incorporate Complete Streets components. Caltrans is committed to making improvements in management of Complete Streets features on the SHS, including enhanced transparency and stakeholder engagement, especially in the most disadvantaged and low-income communities. Below are highlights that summarize some of the efforts:

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

- **Bicycle and Pedestrian Inventory:** Efforts to develop a complete and more comprehensive dataset of bicycle and pedestrian facilities is underway. The goal is to complete the effort and assess the inventory and condition of these assets for inclusion in the 2021 SHSMP. Establishing an inventory is a foundational building block for good asset management and leads to the ability to quantify the costs associated with addressing the needs. Caltrans is currently working with local partners and stakeholders to identify high priority needs on the transportation system that will be reflected in future SHOPP cycles.
- **SHOPP Structure Changes:** In 2017, as part of Asset Management implementation required in SB 486, Caltrans, in coordination with the Commission, fundamentally changed the way SHOPP funds are allocated. This change allows flexibility to make appropriate decisions to address all needs for a more comprehensive transportation solution. In addition, SHOPP funding decisions were transferred to local Districts for better understanding of local needs. Collectively these changes have provided more flexibility to incorporate bicycle, pedestrian and transit features in SHOPP projects.
- **Asset Management Tool Improvements:** Beginning with the 2018 SHOPP, Caltrans implemented new tools to track project level accomplishments included in SHOPP projects. This tool allows for project level improvements to be summarized across the SHOPP. The information included in this document summarizes Complete Streets improvements planned for the 2020 SHOPP. The 2020 SHOPP includes 363 projects (41 percent of all projects) that include one or more bicycle, pedestrian or transit focused features. Over 60 percent of projects have complete street features where bicycles and pedestrians are permitted, and the scope of the project is appropriate. Moreover, these percentages are increasing in later years of the SHOPP indicating a growing focus on Complete Streets in the SHOPP.
- **Figure 5** compares pavement project costs against projects with complete streets elements.
- **Table 5** provides a detailed breakdown of the Complete Streets features included in the 2020 SHOPP.

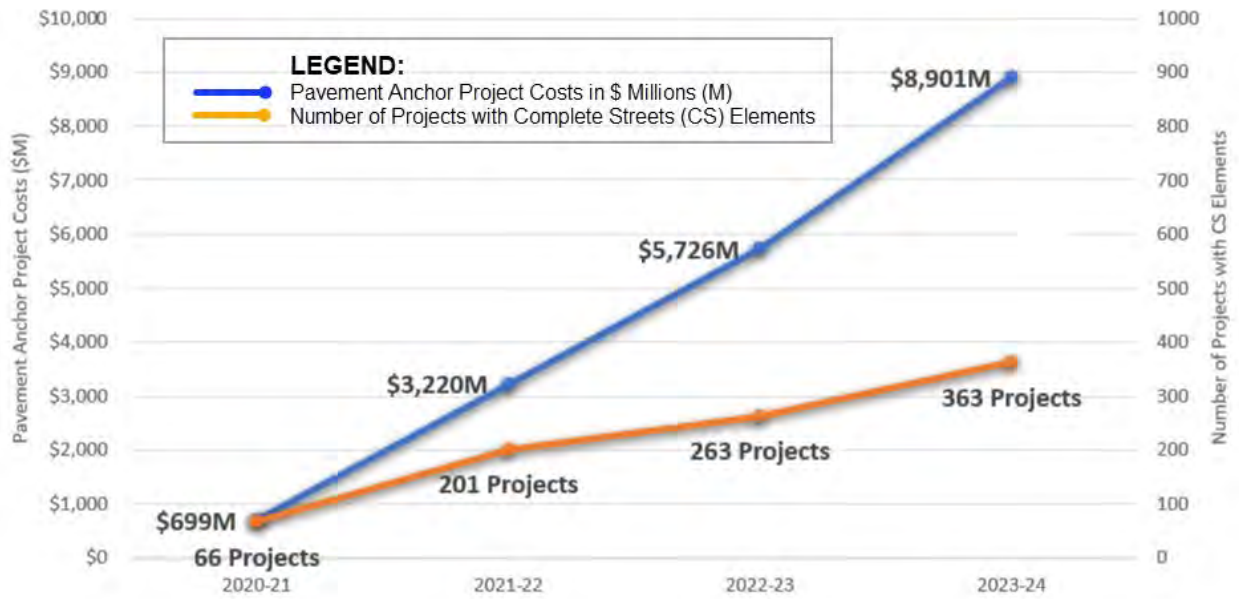


Figure 5 – 2020 SHOPP Cumulative Pavement Anchor Project Costs vs. Cumulative Number of Projects with Complete Streets (CS) Elements

Table 5 - 2020 SHOPP Complete Streets Activities

Complete Streets Elements	Total Quantity	Units
Bicycle and Pedestrian Signage	197	Each
Bicycle Detection Loops	4	Each
Bicycle-Tolerable Drainage Grates	49	Each
Bicycle-Tolerable Rumble Strips	1,881,745	Linear Feet
Bike Boxes	20	Each
Bike Lane Gap Closure	245	Each
Bike Parking	30	Each
Bike/Pedestrian Path Gap Closure	19	Linear Miles
Bridge Access for Pedestrians and Bicyclists	46	Each
Bus Bay/Turnout/Pullout	41	Each
Class I Bike Paths	3	Linear Miles
Class II Bike Lane	310	Linear Miles
Class II Buffered Bike Lanes	1	Lane Miles
Class III Bike Routes	352	Linear Miles
Conflict Zone Green Paint	324	Each
Crossing Islands	23	Each
Curb Extensions/Bulb-outs	158	Each
Enhanced Crosswalk Visibility	1,363	Each
Install Accessible Pedestrian Signal	2,153	Each
Install Shade for Pedestrian Access	20	Each
Lane Narrowing	5	Linear Miles
Lane Reduction (Road Diet)	1	Linear Miles
LED Lighting	912	Each
Lower Pedestrian Push Button	302	Each
Modify Driveway	23,124	Linear Feet
New Pedestrian Refuge Islands	7	Each
New Transit Stops	7	Each
New, Widening or Paving Shoulders	730	Linear Miles
New/Modify Crosswalk	52,920	Linear Feet
Non-Motorized Overcrossing/Undercrossing for Accessibility	2	Each
Overpass/Underpass - Pedestrian and Bike	1	Each
Park and Ride Lots	3	Each
Pedestrian Access/Sidewalks	288	Each
Pedestrian Crossings	2,934	Each
Relocate Pedestrian Push-Button Posts	312	Each
Remove Obstructions	96	Each
Repair Existing or Install New Sidewalk	253,083	Linear Feet
Repair, Upgrade, or Install New Curb Ramp	7,972	Each
Re-Stripe Bikeways	51	Linear Miles
Roundabouts	7	Each
Shared-Lane Markings	2	Each
Transit Stop Improvements	178	Each
Upgrade/New Detectable Warning Surface	26,766	Square Feet
Vegetative Street Swales	5	Each

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

Table 6 - Complete Streets Projects by Fiscal Year

SHOPP- Complete Streets	2020-21	2021-22	2022-23	2023-24	Total
Total Projects	211	323	158	189	881
Feasible	133	221	101	154	609
CS Element Included	66	135	62	100	363
Scope Not Suitable	67	86	39	54	246
Not feasible	78	102	57	35	272
% of feasible	50%	61%	61%	65%	60%
% of all projects	31%	42%	39%	53%	41%

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

Table 7 - Complete Streets Projects, New vs. Carryover

SHOPP- Complete Streets	Carryover	New	Total
Total Projects	566	315	881
Feasible	385	224	609
CS element included	222	141	363
Scope not suitable	163	83	246
Not feasible	181	91	272
% of feasible	58%	63%	60%
% of all projects	39%	45%	41%

RESERVATIONS

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

REGIONAL TRANSPORTATION PLANNING AGENCY COORDINATION

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

- **Planning Process:** Caltrans will present the SHSMP to the RTPAs at an RTPA meeting so these stakeholders are aware of both the overall statewide needs and the estimated funding levels. Caltrans Districts will share their two-year PID work plan list of projects that will be candidates for the next SHOPP programming cycle. This is the opportunity to coordinate proposed SHOPP projects with regionally-funded projects in order to synchronize timeframes, maximize benefits, and minimize impacts to the traveling public.
- **Programming Process:** In the spring of odd years, Caltrans will present information to RTPAs concerning the timing and framework for development of the upcoming SHOPP. Districts should share with the regions which projects they will be submitting as candidate projects for the upcoming SHOPP. This is a second opportunity to coordinate and confer with local partners to synchronize timeframes, maximize benefits and minimize impacts to the traveling public. The Division of Transportation Programming will circulate the proposed four-year program of projects to the RTPAs for review and comment. In addition, the Programming Division Chief will present the proposed four-year program at the RTPA meeting.

Comments received will be incorporated into the final SHOPP programming document.

- **Status Updates:** Districts will update the RTPA's on a quarterly or semi-annual basis on (1) the list and status of PID projects being developed as well as, (2) the status of funded SHOPP projects currently in delivery. At a minimum, Districts will provide a summary-level status of project delivery on all currently programmed SHOPP projects semiannually.

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

PROJECT LISTINGS

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

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

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

DESCRIPTION OF EXHIBITS

EXHIBIT A: 2020 SHOPP Funding Summary

EXHIBIT B: California Government Code section 14526.5

EXHIBIT C: Senate Bill 486

EXHIBIT D: Senate Bill 1

EXHIBIT E: Abbreviations and Acronyms

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

EXHIBIT G: Commission SHOPP Guidelines (June 2019)

EXHIBIT H: 2020 SHOPP County Listing of Projects

EXHIBIT I: 2020 SHOPP Long Lead Projects

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

EXHIBIT J: Pre 2020 SHOPP Projects

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

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EXHIBIT A: 2020 SHOPP Funding Summary

Program Funding	2020-21	2021-22	2022-23	2023-24	Total
2020 Fund Estimate	\$4,400	\$4,300	\$4,100	\$4,000	\$16,800
ER Reimbursement	\$140	\$140	\$140	\$140	\$560
Programmed	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$689	\$586	\$1,845	\$1,387	\$4,507
Bridge	\$722	\$766	\$452	\$551	\$2,492
Culvert(s)	\$85	\$145	\$122	\$488	\$840
TMS	\$214	\$126	\$627	\$472	\$1,439
Supplementary Assets	\$160	\$289	\$191	\$347	\$988
Major Damage Restoration	\$347	\$419	\$66	\$0	\$832
Collision Reduction	\$544	\$929	\$190	\$154	\$1,817
Mandates	\$98	\$272	\$80	\$87	\$537
Mobility	\$29	\$258	\$67	\$109	\$463
Roadside Preservation	\$53	\$11	\$31	\$17	\$111
Protective Betterments	\$36	\$48	\$0	\$0	\$84
Multiple Objective	\$23	\$74	\$47	\$0	\$144
Subtotal	\$2,999	\$3,924	\$3,720	\$3,612	\$14,256
Reserved	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$0	\$0	\$0	\$0	\$0
Bridge	\$0	\$0	\$0	\$0	\$0
Culvert(s)	\$0	\$0	\$0	\$0	\$0
TMS	\$0	\$0	\$0	\$0	\$0
Supplementary Assets	\$0	\$0	\$0	\$0	\$0
Major Damage Restoration	\$1,083	\$199	\$203	\$211	\$1,696
Collision Reduction	\$155	\$55	\$55	\$55	\$320
Mandates	\$12	\$12	\$12	\$12	\$48
Mobility	\$0	\$0	\$0	\$0	\$0
Roadside Preservation	\$0	\$0	\$0	\$0	\$0
Protective Betterments	\$0	\$0	\$0	\$0	\$0
Multiple Objective	\$0	\$0	\$0	\$0	\$0
Subtotal	\$1,250	\$266	\$270	\$278	\$2,064
Programmed and Reserved	2020-21	2021-22	2022-23	2023-24	Total
Pavement	\$689	\$586	\$1,845	\$1,387	\$4,507
Bridge	\$722	\$766	\$452	\$551	\$2,492
Culvert(s)	\$85	\$145	\$122	\$488	\$840
TMS	\$214	\$126	\$627	\$472	\$1,439
Supplementary Assets	\$160	\$289	\$191	\$347	\$988
Major Damage Restoration	\$1,430	\$618	\$269	\$211	\$2,528
Collision Reduction	\$699	\$984	\$245	\$209	\$2,137

Mandates	\$110	\$284	\$92	\$99	\$585
Mobility	\$29	\$258	\$67	\$109	\$463
Roadside Preservation	\$53	\$11	\$31	\$17	\$111
Protective Betterments	\$36	\$48	\$0	\$0	\$84
Multiple Objective	\$23	\$74	\$47	\$0	\$144
Minor Program Reservation	\$250	\$250	\$250	\$250	\$1,000
Long Lead (New)	\$40				\$40
Grand Total	\$4,539	\$4,440	\$4,240	\$4,140	\$17,360

*Excludes Proposition 1B bond funds.

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

SHOPP Fund Reservations

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

Major Damage Restoration:

Reservations are for unforeseen Major Damage Restoration (201.130) projects and Permanent Restoration (201.131) projects.

Collision Reduction:

Reservations are for Safety Improvement (201.010) projects.

Mandates:

Reservations are for Relinquishment (201.160) projects to transfer ownership of state highways primarily serving local jurisdictions to those local jurisdictions.

Roadside Preservation:

Reservations are for Surface Mining and Reclamation Act obligations.

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.

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

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

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

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

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

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

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

(C) Rights-of-way.

(D) Construction.

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

(A) Project approval and environmental document completion.

(B) Plans, specifications, and estimates completion.

(C) Right-of-way certification.

(D) Start of construction.

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

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

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

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

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

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

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

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

[EXHIBIT C: Senate Bill 486](#)

Senate Bill No. 486, CHAPTER 917

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

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

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

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

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

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

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

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

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

[EXHIBIT D: Senate Bill 1](#)

Senate Bill No. 1, CHAPTER 5

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

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

SB 1, Beall. Transportation funding.

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

This bill would create the Road Maintenance and Rehabilitation Program to address deferred maintenance on the state highway system and the local street and road system. The bill would require the California Transportation Commission to adopt performance criteria, consistent with a specified asset management plan, to ensure efficient use of certain funds available for the program. The bill would provide for the deposit of various funds for the program in the Road Maintenance and Rehabilitation Account, which the bill would create in the State

Transportation Fund, including revenues attributable to a \$0.12 per gallon increase in the motor vehicle fuel (gasoline) tax imposed by the bill with an inflation adjustment, as provided, 50% of a \$0.20 per gallon increase in the diesel excise tax, with an inflation adjustment, as provided, a portion of a new transportation improvement fee imposed under the Vehicle License Fee Law with a varying fee between \$25 and \$175 based on vehicle value and with an inflation adjustment, as provided, and a new \$100 annual vehicle registration fee applicable only to zero-emission vehicles model year 2020 and later, with an inflation adjustment, as provided. The bill would provide that the fuel excise tax increases take effect on November 1, 2017, the transportation improvement fee takes effect on January 1, 2018, and the zero-emission vehicle registration fee takes effect on July 1, 2020.

This bill would annually set aside \$200,000,000 of the funds available for the program to fund road maintenance and rehabilitation purposes in counties that have sought and received voter approval of taxes or that have imposed fees, including uniform developer fees, as defined, which taxes or fees are dedicated solely to transportation improvements. These funds would be continuously appropriated for allocation pursuant to guidelines to be developed by the California Transportation Commission in consultation with local agencies. The bill would require \$100,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the Legislature, on the Active Transportation Program. The bill would require \$400,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the Legislature, on state highway bridge and culvert maintenance and rehabilitation. The bill would require \$5,000,000 of the funds available for the program that are not restricted by Article XIX of the California Constitution to be appropriated each fiscal year to the California Workforce Development Board to assist local agencies to implement policies to promote preapprenticeship training programs to carry out specified projects funded by the account. The bill would require \$25,000,000 of the funds available for the program to be annually transferred to the State Highway Account for expenditure on the freeway service patrol program. The bill would require \$25,000,000 of the funds available for the program to be available annually for expenditure, upon appropriation by the Legislature, on local planning grants. The bill would authorize annual appropriations of \$5,000,000 and \$2,000,000 of the funds available for the program to the University of California and the California State University, respectively, for the purpose of conducting transportation research and transportation-related workforce education, training, and development, as specified. The bill would require the remaining funds available for the program to be allocated 50% for maintenance of the state highway system or to the state highway operation and protection program and 50% to cities and counties pursuant to a specified formula. The bill would impose various requirements on the department and agencies receiving these funds. The bill would authorize a

city or county to spend its apportionment of funds under the program on transportation priorities other than those allowable pursuant to the program if the city's or county's average Pavement Condition Index meets or exceeds 80.

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

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

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

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

This bill would identify the amount of outstanding loans from certain transportation funds as \$706,000,000. The bill would require the Department of Finance to prepare a loan repayment schedule and would require the outstanding loans to be repaid pursuant to that schedule, as prescribed. The bill would appropriate funds for that purpose from the Budget Stabilization Account. The bill would require the repaid funds to be transferred, pursuant to a specified formula, to various state and local transportation purposes.

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

This bill would deposit the revenues attributable to 50% of the \$0.20 per gallon increase in the diesel fuel excise tax imposed by the bill into the Trade Corridor

Enhancement Account, to be expended on corridor-based freight projects nominated by local agencies and the state.

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

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

(6) Existing law, as of July 1, 2011, increases the sales and use tax on diesel and decreases the excise tax, as provided. Existing law requires the State Board of Equalization to annually modify both the gasoline and diesel excise tax rates on a going-forward basis so that the various changes in the taxes imposed on gasoline and diesel are revenue neutral.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This bill would establish the Advance Mitigation Program in the Department of Transportation to enhance communications between the department and stakeholders to, among other things, protect natural resources and accelerate

project delivery. The bill would require the department to set aside not less than \$30,000,000 annually for 4 years for the program from capital outlay revenues.

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

This bill would prohibit, except as specified, the requiring of the retirement, replacement, retrofit, or repower of a self-propelled commercial motor vehicle during a specified period. The bill would require the state board to, by January 1, 2025, evaluate the impact of these provisions on state and local clean air efforts to meet state and local clean air goals, as provided.

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

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

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

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

(14) The bill would enact other related provisions.

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

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EXHIBIT E: Abbreviations and Acronyms

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

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

AGENCY COMMENTING

PAGE NUMBER

(Placeholder for Anticipated Future Comments)

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EXHIBIT G: Commission SHOPP Guidelines (June 2019)

Reference No.: 4.12
June 26-27, 2019

CALIFORNIA TRANSPORTATION COMMISSION

**STATE HIGHWAY OPERATION AND
PROTECTION PROGRAM GUIDELINES**

CALIFORNIA TRANSPORTATION COMMISSION
STATE HIGHWAY OPERATION AND PROTECTION PROGRAM GUIDELINES

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CALIFORNIA TRANSPORTATION COMMISSION
STATE HIGHWAY OPERATION AND PROTECTION PROGRAM
GUIDELINES

I. INTRODUCTION

1. Purpose

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

2. Commission Mission

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

3. Guidelines Objectives

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

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

4. Statutory Authority

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

5. Applicability of SHOPP Guidelines

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

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

6. Compliance with Federal and State Requirements

Caltrans shall comply with all federal and state requirements.

7. Amendments to the Guidelines

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

8. Delegation of Authority

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

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

II. SHOPP DOCUMENT OVERVIEW AND DEVELOPMENT

9. General

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

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10. SHOPP Preparation

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

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

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

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

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

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June 26-27, 2019**11. SHOPP Development Schedule**

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

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

12. Eligibility

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

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

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

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

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

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

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

14. Project Budget

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



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budget for each of the following project phases:

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

15. Project Milestone Dates

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

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

16. Database

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

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

III. RELATED STATUTORY DOCUMENTS

17. Transportation Asset Management Plan

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



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

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

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

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

18. State Highway System Management Plan

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

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

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

IV. FUNDING

19. Biennial STIP Fund Estimate

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

20. State-Only Funding

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

21. Joint State and Local Funding

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

22. Grant Anticipation Revenue Vehicle (GARVEE) Bonding

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



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

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

V. **ADOPTION/PROGRAMMING**

23. **SHOPP Submittal**

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

24. **Adoption**

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

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

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

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

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

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

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

25. Project Initiation Documents

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

26. Project Selections

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



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

27. Programming Project Components Sequentially

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

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

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

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

28. Programming of Long-Lead and Contingency Projects

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

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



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29. Multi-Modal Corridor Projects

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

30. Completion of Environmental Process

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

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

31. Programming Combined SHOPP and Non-SHOPP Projects

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

32. Programming Escalations

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



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

VI. ALLOCATIONS

33. Safety Projects

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

34. Emergency Condition Response Projects

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

35. Minor Projects

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

36. Allocation of Support and Construction Funds

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

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

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

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

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

37. Allocation of Right of Way Capital

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

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

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may occur during the PA&ED phase:

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

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

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

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

VII. MANAGEMENT & DELIVERY OF THE SHOPP

38. Scope, Cost, Schedule

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

39. Management of Reservation Projects

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

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40. Management of Minor Projects

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

41. Stewardship

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

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

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

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

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

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

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

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

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

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44. Timely Use of Funds for Construction Capital

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

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

45. Timely Use of Funds – Extension

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

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

VIII. CHANGE MANAGEMENT

46. Introduction

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

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

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Commission for its approval.

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

47. Managing Within the Commission's Delegated Authority

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

48. Changes via Commission Amendment

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

49. Changes to Projects in the SHOPP Document

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

IX. REPORTING & ACCOUNTABILITY**50. SB 1 SHOPP Baseline Agreements**

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

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

51. Report on Targets and Performance Measures

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

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

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

52. Report on Completed SHOPP Projects

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

53. Efficiencies

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

54. Accountability Reporting

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

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

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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.

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EXHIBIT H: 2020 SHOPP County Listing of Projects

County	Page No.	County	Page No.
Alameda	H - 1	Orange	H - 238
Alpine	H - 23	Placer	H - 257
Amador	H - 25	Plumas	H - 261
Butte	H - 27	Riverside	H - 265
Calaveras	H - 30	Sacramento	H - 284
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Contra Costa	H - 36	San Bernardino	H - 295
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Imperial	H - 76	Santa Barbara	H - 368
Inyo	H - 79	Santa Clara	H - 381
Kern	H - 84	Santa Cruz	H - 392
Kings	H - 97	Shasta	H - 399
Lake	H - 100	Sierra	H - 402
Lassen	H - 103	Siskiyou	H - 403
Los Angeles	H - 104	Solano	H - 410
Madera	H - 175	Sonoma	H - 416
Marin	H - 177	Stanislaus	H - 428
Mariposa	H - 184	Sutter	--
Mendocino	H - 186	Tehama	H - 432
Merced	H - 199	Trinity	H - 435
Modoc	H - 206	Tulare	H - 438
Mono	H - 207	Tuolumne	H - 445
Monterey	H - 211	Ventura	H - 447
Napa	H - 221	Yolo	H - 462
Nevada	H - 230	Yuba	H - 464

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

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

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

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

COLLISION REDUCTION

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

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

04-Alameda-61 16.4/18.1 2025F 0418000404	In the cities of Oakland and Alameda, from Swan Road to Harbor Bay Parkway. Install new and upgrade existing guardrail in the northbound direction.	2Q140 2022-23	R/W: \$126 Con: \$1,281	PA&ED: \$991 PS&E: \$904 R/W Sup: \$127 Con Sup: \$751	Prior 21-22 21-22 22-23	PA&ED: 6/30/2021 R/W Cert: 12/16/2022 RTL: 12/30/2022 Begin Con: 7/12/2023
Carryover			Subtotal: \$1,407	\$2,773		
			Total Project Cost:	\$4,180		

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

04-Alameda-580 R1.3/R6.0 1495F 0416000125	Near Livermore, from Flynn Road to Grant Line Road. Install safety lighting and establish electrical service connection.	0K680 2020-21	R/W: \$493 Con: \$4,211	PA&ED: \$962 PS&E: \$806 R/W Sup: \$104 Con Sup: \$962	Prior Prior Prior 20-21	PA&ED: 2/3/2020 R/W Cert: 11/30/2020 RTL: 12/15/2020 Begin Con: 5/17/2021
Carryover			Subtotal: \$4,704	\$2,834		
			Total Project Cost:	\$7,538		

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 27.1/27.3 1491C 0415000365 Carryover	In Oakland, from 0.1 mile south to 0.1 mile north of East Creek Slough Bridge No. 33-0143. Construct outer separation concrete barrier in southbound direction, replace bridge rail, and install a drainage system.	4J540 2022-23	R/W: \$601 Con: \$4,035	PA&ED: \$956 PS&E: \$1,266 R/W Sup: \$102 Con Sup: \$1,041	Prior 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 6/1/2023 RTL: 6/5/2023 Begin Con: 12/1/2023
			Subtotal: \$4,636	\$3,365		
			Total Project Cost:	\$8,001		

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

04-Alameda-Var 1481B 0414000357 Carryover	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 wet pavement conditions.	1J780 2021-22	R/W: \$10 Con: \$6,311	PA&ED: \$1,118 PS&E: \$1,274 R/W Sup: \$104 Con Sup: \$1,534	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 7/1/2021 RTL: 8/1/2021 Begin Con: 3/9/2022
			Subtotal: \$6,321	\$4,030		
			Total Project Cost:	\$10,351		

Program 201.015 Collision Severity Reduction
Project Output(s) 24 Collision(s) reduced

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 1492F 0416000054 Carryover	In Alameda County, on Routes 13, 24, 580, 680, and 880 at various locations; also in Contra Costa County, on Routes 4, 24, 80, 160, and 680 at various locations. Install Rectangular Rapid Flashing Beacons (RRFBs) to enhance pedestrian safety at ramp termini and uncontrolled pedestrian crossings.	0K120 2021-22	R/W: \$290 Con: \$8,237	PA&ED: \$1,261 PS&E: \$1,145 R/W Sup: \$229 Con Sup: \$1,345	Prior Prior 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 3/15/2022 RTL: 5/15/2022 Begin Con: 11/15/2022
			Subtotal: \$8,527	\$3,980		
			Total Project Cost:	\$12,507		

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

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

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 1495E 0416000123 Carryover	In Alameda County, on Routes 580 and 680 at various locations; also in Contra Costa County, on Routes 160 and 680 at various locations. Install concrete barrier to shield structure column from errant vehicles and upgrade existing guardrails to current standards.	0K650 2020-21	R/W: \$70 Con: \$3,156	PA&ED: \$500 PS&E: \$800 R/W Sup: \$166 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 2/2/2020 R/W Cert: 3/1/2021 RTL: 6/1/2021 Begin Con: 12/1/2021
			Subtotal: \$3,226	\$2,266		
			Total Project Cost:	\$5,492		

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

04-Alameda-580 1496A 0416000137 Carryover	In Alameda and Contra Costa Counties, on various routes, at various locations. Upgrade advance warning signs to make standard.	0K770 2021-22	R/W: \$108 Con: \$2,638	PA&ED: \$700 PS&E: \$700 R/W Sup: \$10 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 7/29/2020 R/W Cert: 8/16/2021 RTL: 9/15/2021 Begin Con: 5/1/2022
			Subtotal: \$2,746	\$2,110		
			Total Project Cost:	\$4,856		

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

04-Alameda-880 30.2/R33.6 1452N 0417000035	In Oakland, from south of 5th Avenue to north of 7th Street. Pave narrow strips and miscellaneous areas, construct Maintenance Vehicle Pullouts (MVPs) and upgrade crash cushions to reduce maintenance work and enhance highway worker safety.	2K820 2020-21	R/W: \$10 Con: \$2,170	PA&ED: \$500 PS&E: \$350 R/W Sup: \$100 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 1/15/2021 RTL: 2/15/2021 Begin Con: 10/15/2021
<i>Carryover</i>			Subtotal: \$2,180	\$1,400		
			Total Project Cost:	\$3,580		

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

04-Alameda-880 2020R 0418000047 New	In Hayward, on Routes 92 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL). Financial Contribution Only (FCO) to the City of Hayward.	0Q170 2022-23	R/W: Con: \$1,841	PA&ED: PS&E: R/W Sup: Con Sup:	\$39 20-21	PA&ED: R/W Cert: RTL: Begin Con:
			Subtotal: \$1,841	\$39		
			Total Project Cost:	\$1,880		

Program 201.335 Storm Water Mitigation
Project Output(s) 147.9 Acre(s) treated/pollutant

04-Alameda-880 2020H 0418000048 New	In Alameda and Santa Clara Counties on Routes 80 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q180 2022-23	R/W: \$245 Con: \$4,841	PA&ED: \$880 PS&E: \$1,389 R/W Sup: \$55 Con Sup: \$1,223	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 12/1/2023
			Subtotal: \$5,086	\$3,547		
			Total Project Cost:	\$8,633		

Program 201.335 Storm Water Mitigation
Project Output(s) 67.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-880 R0.9/24.8 1453D 0416000036	In Oakland, Union City, and Fremont, and on Route 80 in Berkeley (PM 4.7) at various locations; also in Santa Clara County, in Milpitas at PM 8.9.	4J980 2020-21	R/W: \$25 Con: \$5,801	PA&ED: \$1,060 PS&E: \$800 R/W Sup: \$26 Con Sup: \$1,000	Prior Prior 20-21 20-21	PA&ED: 5/12/2020 R/W Cert: 4/5/2021 RTL: 6/1/2021 Begin Con: 2/15/2022
Carryover	Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollutant Discharge Eliminating System (NPDES) permit compliance units (CUs) for trash capture.		Subtotal: \$5,826 Total Project Cost:	\$2,886 \$8,712		

Program 201.335 Storm Water Mitigation
Project Output(s) 60.0 Acre(s) treated/pollutant

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

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

Supplementary

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-185 0.4/10.1 0434J 0400021215	In Hayward, from A Street to Rose Street (PM 0.39/0.90); also in Oakland, from 55th Avenue to 50th Avenue (PM 9.75/10.09). Upgrade curb ramps, driveways, and sidewalks to make compliant with American with Disabilities Act (ADA) standards.	2G740 2021-22	R/W: \$195 Con: \$5,017	PA&ED: \$700 PS&E: \$950 R/W Sup: \$95 Con Sup: \$950	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 3/1/2022 RTL: 6/1/2022 Begin Con: 1/16/2023
Carryover			Subtotal: \$5,212	\$2,695		
			Total Project Cost:	\$7,907		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 31 Curb ramp(s)

Supplementary

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

04-Alameda-680 M0.1 2028G 0419000046	In Fremont, at the southbound offramp to Scott Creek Road; also on Route 238 (PM 0.737/0.832). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q760 2022-23	R/W: \$255 Con: \$2,461	PA&ED: \$620 PS&E: \$972 R/W Sup: \$255 Con Sup: \$788	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
New			Subtotal: \$2,716	\$2,635		
			Total Project Cost:	\$5,351		

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

Supplementary

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-13 10.7/13.0 0124N 0419000091	In Berkeley, from Domingo Avenue to Mabel Street. Upgrade curb ramps and repair sidewalks to meet American with Disabilities Act (ADA) standards.	2G461 2021-22	R/W: \$410 Con: \$4,700	PA&ED: PS&E: R/W Sup: Con Sup: \$985	20-21 21-22	PA&ED: 12/28/2018 R/W Cert: 6/2/2022 RTL: 6/9/2022 Begin Con: 1/12/2023
<i>Carryover</i>			Subtotal: \$5,110	\$985		
			Total Project Cost:	\$6,095		

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

Supplementary

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

BRIDGE PRESERVATION

04-Alameda-680 M6.4/R6.6 2020C 0418000026	In Fremont, at Mission San Jose (680/238) Separation No. 33-0294. Bridge approach slabs replacement, bridge deck overlay, and joint seals replacement.	0P920 2023-24	R/W: \$139 Con: \$14,937	PA&ED: \$712 PS&E: \$1,810 R/W Sup: \$46 Con Sup: \$4,165	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/1/2024
<i>New</i>			Subtotal: \$15,076	\$6,733		
			Total Project Cost:	\$21,809		

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

Primary Asset

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

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 17.0/17.4 0481M 0414000012	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade and seismic retrofit.	0J550 2021-22	R/W: \$500 Con: \$13,000	PA&ED: \$1,863 PS&E: \$3,600 R/W Sup: \$250 Con Sup: \$3,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/30/2022
Carryover			Subtotal: \$13,500	\$9,313		
			Total Project Cost:	\$22,813		

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

Primary Asset

(Scour)

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

Bridge Health

Existing Condition Post Condition

Bridge No. 33-0043	Good	Good
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04-Alameda-680 R10.2 2020B 0418000025	Near Sunol, at Alameda Creek Bridge No. 33-0047. Scour mitigation, bridge deck rehabilitation, and joint seal replacement.	0P910 2023-24	R/W: \$305 Con: \$7,461	PA&ED: \$1,699 PS&E: \$1,602 R/W Sup: \$223 Con Sup: \$2,166	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$7,766	\$5,690		
			Total Project Cost:	\$13,456		

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

Primary Asset

(Scour)

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

Bridge Health

Existing Condition Post Condition

Bridge No. 33-0047	Good	Good
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V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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04-Alameda-880 15.6/26.5 1450C 0416000378	In Hayward, San Leandro, and Oakland, at Tennyson Road Overcrossing (OC) No. 33-0236 (PM 15.65), Washington Avenue OC No. 33-0166 (PM 20.82), and Damon Slough southbound onramp No. 33-0142K (PM 26.53); also on Route 77 in Oakland, at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.	2K170 2021-22	R/W: \$25 Con: \$10,300	PA&ED: \$800 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$2,200	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 12/17/2021 RTL: 1/21/2022 Begin Con: 9/26/2022
Carryover			Subtotal: \$10,325	\$4,750		
			Total Project Cost:	\$15,075		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 2,123.0 Linear feet
4 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,123.0	2,123.0	Linear feet rail
Post Condition	2,123.0	0.0	0.0	2,123.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 33-0142K	Fair	Fair
Bridge No. 33-0166	Fair	Fair
Bridge No. 33-0236	Fair	Good
Bridge No. 33-0284	Fair	Fair

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

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

Primary Asset
(Seismic)

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

Bridge Health Existing Condition Post Condition

Bridge No. 33-0244	Fair	Fair
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V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 R41.3/44.8 2020M 0418000024	In Oakland, at Fruitvale Avenue Undercrossing No. 33-0324 (PM R41.43), Van Buren Avenue Pedestrian Overcrossing (POC) No. 33-0313 (PM 43.75), Santa Clara Avenue POC No. 33-0312 (PM 43.76), and Broadway Richmond Boulevard Undercrossing No. 33-0285 (PM 44.51). Seismic retrofit and bridge rail replacement of two bridges, and demolish and replace two POCs.	0P900 2023-24	R/W: \$146 Con: \$26,505	PA&ED: \$3,170 PS&E: \$3,418 R/W Sup: \$311 Con Sup: \$5,301	20-21 21-22 21-22 23-24	PA&ED: 4/5/2022 R/W Cert: 10/20/2023 RTL: 2/3/2024 Begin Con: 8/6/2024
New			Subtotal: \$26,651 Total Project Cost:	\$12,200 \$38,851		
				Program 201.113 Bridge Seismic Restoration		
				Project Output(s) 4 Bridge(s)		

Primary Asset

(Seismic)

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

Bridge Health

Existing Condition Post Condition

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

04-Alameda-880 27.2 1483D 0415000005	In Oakland, at East Creek Slough Bridge No. 33-0143. Mitigate eroded channel side-slope tidal scour and replace bridge approach slabs.	2J760 2021-22	R/W: \$100 Con: \$2,307	PA&ED: \$1,000 PS&E: \$850 R/W Sup: \$160 Con Sup: \$1,170	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 12/1/2022
Carryover			Subtotal: \$2,407 Total Project Cost:	\$3,180 \$5,587		
				Program 201.119 Bridge Preventative Maintenance		
				Project Output(s) 1 Bridge(s)		

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12,981.0	0.0	12,981.0	Square feet
Post Condition	12,981.0	0.0	0.0	12,981.0	Square feet

Bridge Health

Existing Condition Post Condition

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

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

Primary Asset

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

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

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-84 6.9/10.8 1454C 041700009	In Fremont, from Route 880 (PM 6.922) to Route 238. Rehabilitate pavement and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant.	2K690 2021-22	R/W: \$173 Con: \$12,874	PA&ED: \$2,080 PS&E: \$2,340 R/W Sup: \$780 Con Sup: \$2,080	Prior Prior Prior 21-22	PA&ED: 11/2/2020 R/W Cert: 5/3/2022 RTL: 6/1/2022 Begin Con: 1/13/2023
Carryover			Subtotal: \$13,047	\$7,280		
			Total Project Cost:	\$20,327		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1.5	10.5	12.0	Lane mile(s)
Post Condition	12.0	0.0	0.0	12.0	Lane mile(s)

04-Alameda-185 0.4/5.7 1494C 041600094	In and near Hayward and San Leandro, from A Street to Davis Street. Rehabilitate pavement and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0K490 2021-22	R/W: \$40 Con: \$14,928	PA&ED: \$1,417 PS&E: \$2,093 R/W Sup: \$375 Con Sup: \$2,405	Prior Prior 20-21 21-22	PA&ED: 3/2/2020 R/W Cert: 7/1/2021 RTL: 10/8/2021 Begin Con: 5/4/2022
Carryover			Subtotal: \$14,968	\$6,290		
			Total Project Cost:	\$21,258		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.6	0.5	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 77.2 Lane mile(s)

Primary Asset

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

04-Alameda-880 R0.0/11.8 1454G 0417000010	In Fremont, from Santa Clara County line to north of Fremont Boulevard Overcrossing. Cold plane pavement, overlay with Rubberized Hot Mix Asphalt (RHMA-G) and Open Graded Friction Course (OGFC), upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, and replace loop detectors. (G13 Contingency)	2K700 2021-22	R/W: \$50 * Con: \$57,166	PA&ED: \$3,000 PS&E: \$5,000 R/W Sup: \$620 * Con Sup: \$5,400	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 11/1/2021 RTL: 3/1/2022 Begin Con: 9/22/2022
Carryover			Subtotal: \$57,216	\$14,020		
			Total Project Cost:	\$71,236		
			<i>* Construction Capital and * Construction Support phases are NOT authorized</i>			
			<i>SBI Baseline Agreement Required</i>			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 90.2 Lane mile(s)			

Primary Asset

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

Supplementary

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

MOBILITY

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

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

Primary Asset

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

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

SBI Baseline Agreement Required

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Alameda-580 30.4/46.5 1493N 0416000099	In and near San Leandro and Oakland, from Strobridge Avenue to 0.7 mile west of San Pablo Avenue at various locations (PM 30.36/46.5L/R). Install and upgrade ramp meters and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes.	0K530 2023-24	R/W: \$85 Con: \$36,991	PA&ED: \$4,627 PS&E: \$3,441 R/W Sup: \$514 Con Sup: \$3,596	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 3/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$37,076 Total Project Cost:	\$12,178 \$49,254		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 41 Field element(s)

Primary Asset

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

04-Alameda-880 2027J 0419000044	In Alameda, San Francisco, and San Mateo Counties on Routes 80, 101, 880, and 980 at various locations. Install and upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Vehicle Detection Systems (VDS), Changeable Message Signs (CMS), ramp meters, and fiber optic cable.	2Q740 2022-23	R/W: \$63 Con: \$78,761	PA&ED: \$2,155 PS&E: \$10,958 R/W Sup: \$141 Con Sup: \$11,071	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 4/30/2023 RTL: 5/31/2023 Begin Con: 2/4/2024
New			Subtotal: \$78,824 Total Project Cost:	\$24,325 \$103,149		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 84 Field element(s)

Primary Asset

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

V4.0 2020 SHOPP Project List
Alameda
(\$1,000)



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

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

ROADSIDE PRESERVATION

04-Alameda-238 16.3/16.7 1453H 0417000023 Carryover	In San Leandro, from Hesperian Boulevard to Route 880 (PM 16.3/16.696); also on Route 580, from 0.2 mile east of San Pablo Avenue to San Pablo Avenue (PM 45.5/45.7); and in Solano County, on Route 80 in Vallejo at Redwood Parkway (PM 4.0/4.5). Highway planting and irrigation system rehabilitation.	2K790 2020-21	R/W: \$10 Con: \$2,530	PA&ED: \$600 PS&E: \$420 R/W Sup: \$50 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 11/16/2020 RTL: 1/14/2021 Begin Con: 8/16/2021
			Subtotal: \$2,540	\$1,580		
			Total Project Cost:	\$4,120		

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

Alameda County	
R/W:	\$5,973 PA&ED: \$47,837
Const:	\$598,780 PS&E: \$73,935
	R/W Sup: \$6,565
	Con Sup: \$94,500
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Subtotal:	\$604,753 \$222,837
Total (Capital + Support):	\$827,590

V4.0 2020 SHOPP Project List
Alpine
(\$1,000)



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

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

(G13 Contingency)

Subtotal: \$37,575 \$10,372
Total Project Cost: \$47,947

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

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

Primary Asset

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

MOBILITY

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

Subtotal: \$24,260 \$9,348
Total Project Cost: \$33,608

Program 201.315 Transportation Management Systems
Project Output(s) 72 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	14	Field element(s)
Post Condition	100.0%		0.0%	72	Field element(s)

V4.0 2020 SHOPP Project List
Alpine
(\$1,000)



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

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

New

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

Supplementary

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

Alpine County

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

V4.0 2020 SHOPP Project List
Amador
(\$1,000)



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

10-Amador-88	Near Jackson, from 0.5 mile east of	1C360	R/W: \$10	PA&ED: \$536	Prior	PA&ED: 7/1/2020
7.9/R65.8	Route 104 to 5.5 miles west of	2020-21	Con: \$2,613	PS&E: \$851	20-21	R/W Cert: 4/1/2021
3199	Kirkwood Meadows Road at various			R/W Sup:		RTL: 4/15/2021
1016000136	locations. Upgrade guardrail to			Con Sup: \$711	20-21	Begin Con: 11/1/2021
	make standard.					
			Subtotal: \$2,623		\$2,098	
Carryover			Total Project Cost:		\$4,721	

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

BRIDGE PRESERVATION

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

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

Primary Asset

(Bridge Rail)

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

Bridge Health

Existing Condition Post Condition

Bridge No. 26-0012	Fair	Good
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V4.0 2020 SHOPP Project List
Amador
(\$1,000)



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

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

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

Primary Asset

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

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

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

Primary Asset

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

Amador County

R/W:	\$1,359	PA&ED:	\$4,759
Const:	\$35,893	PS&E:	\$6,604
		R/W Sup:	\$273
		Con Sup:	\$7,087

Subtotal: \$37,252 \$18,723
Total (Capital + Support): \$55,975

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



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

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

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

COLLISION REDUCTION

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

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

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



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

SBI Baseline Agreement Required

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

ROADWAY PRESERVATION

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

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Butte
(\$1,000)



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

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

Primary Asset

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

MOBILITY

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

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

Primary Asset

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

Butte County

R/W:	\$9,973	PA&ED:	\$9,511
Const:	\$131,066	PS&E:	\$13,057
		R/W Sup:	\$5,301
		Con Sup:	\$16,832

Subtotal: \$141,039 \$44,701
Total (Capital + Support): \$185,740

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



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

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

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

MANDATES

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

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 30 Curb ramp(s)

Supplementary

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

**V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Calaveras-49 18.7/20.2 3435 1018000013	Near San Andreas, from south of Toyanza Street to north of Pool Station Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G270 2023-24	R/W: \$448 Con: \$8,911	PA&ED: \$1,922 PS&E: \$2,126 R/W Sup: \$1,235 Con Sup: \$1,998	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 12/12/2023 RTL: 1/9/2024 Begin Con: 8/8/2024
<i>New</i>			Subtotal: \$9,359	\$7,281		
			Total Project Cost:	\$16,640		

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

Supplementary

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

BRIDGE PRESERVATION

10-Calaveras-4 16.1 3255 1017000154	Near Angels Camp, at West Branch Cherokee Creek Bridge No. 30-0036. Replace bridge.	1H500 2021-22	R/W: \$278 Con: \$2,000	PA&ED: \$605 PS&E: \$1,392 R/W Sup: \$103 Con Sup: \$1,241	Prior Prior Prior 21-22	PA&ED: 12/27/2019 R/W Cert: 10/19/2021 RTL: 11/29/2021 Begin Con: 6/18/2022
<i>Carryover</i>			Subtotal: \$2,278	\$3,341		
			Total Project Cost:	\$5,619		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	926.0	463.0	463.0	1,852.0	Square feet
Post Condition	1,852.0	0.0	0.0	1,852.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0036	Fair	Good

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Calaveras-12 17.3 3288 1013000008	Near San Andreas, at North Fork Calaveras Creek Bridge No. 30-0007. Replace bridge.	0X740 2023-24	R/W: \$145 Con: \$8,557	PA&ED: \$1,072 PS&E: \$2,093 R/W Sup: \$90 Con Sup: \$2,293	20-21 21-22 21-22 23-24	PA&ED: 4/29/2022 R/W Cert: 3/15/2024 RTL: 4/8/2024 Begin Con: 10/31/2024
			Subtotal: \$8,702	\$5,548		
New			Total Project Cost:	\$14,250		

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

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,200.0	13,200.0	Square feet
Post Condition	13,200.0	0.0	0.0	13,200.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 30-0007	Fair	Good

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

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

Primary Asset (Bridge Rail)

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

Bridge Health

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

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



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

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

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

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,951.0	1,951.0	Linear feet
Post Condition	1,951.0	0.0	0.0	1,951.0	Linear feet

MULTIPLE OBJECTIVE

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

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

V4.0 2020 SHOPP Project List
Calaveras
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Calaveras County						
			R/W:	\$3,424	PA&ED:	\$8,344
			Const:	\$50,822	PS&E:	\$11,688
					R/W Sup:	\$4,315
					Con Sup:	\$12,568
			Subtotal:	\$54,246		\$36,915
			Total (Capital + Support):			\$91,161

V4.0 2020 SHOPP Project List
Colusa
 (\$1,000)



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

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

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

Colusa County

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

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

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

COLLISION REDUCTION

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

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

SBI Baseline Agreement Required

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

04-Contra Costa-4 1487N 0415000091	In Contra Costa County, on Routes 4, 24, 80, 123, 242, 580, and 680 at various locations. Install Accessible Pedestrian Signals (APS) systems and pedestrian countdown timers, and refresh crosswalk markings with high-visibility striping to enhance pedestrian safety.	3J140 2021-22	R/W: \$20 Con: \$7,487	PA&ED: \$1,108 PS&E: \$1,108 R/W Sup: \$80 Con Sup: \$1,400	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 9/1/2021 RTL: 9/16/2021 Begin Con: 5/10/2022
Carryover			Subtotal: \$7,507	\$3,696		
			Total Project Cost:	\$11,203		

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-4 0.0/R20.4 0481U 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.	0J480 2021-22	R/W: \$10 Con: \$12,400	PA&ED: \$1,000 PS&E: \$1,400 R/W Sup: \$52 Con Sup: \$1,500	Prior Prior 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$12,410	\$3,952		
			Total Project Cost:	\$16,362		

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

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

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

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

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

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

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

BRIDGE PRESERVATION

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

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	1,294.0	1,294.0	Linear feet rail
Post Condition	1,294.0	0.0	0.0	1,294.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 28-0146R	Fair	Fair
Bridge No. 28-0149	Fair	Fair

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Contra Costa-24 R3.5 1493A 0416000027	In Orinda, at St. Stephens Drive Overcrossing No. 28-0111. Seismic retrofit.	4J840 2021-22	R/W: \$38 Con: \$2,067	PA&ED: \$925 PS&E: \$1,175 R/W Sup: \$175 Con Sup: \$375	Prior Prior Prior 21-22	PA&ED: 4/13/2020 R/W Cert: 1/4/2022 RTL: 2/21/2022 Begin Con: 12/12/2022
			Subtotal: \$2,105	\$2,650		
Carryover			Total Project Cost:	\$4,755		

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

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,982.0	13,982.0	Square feet
Post Condition	13,982.0	0.0	0.0	13,982.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 28-0111	Good	Good
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ROADWAY PRESERVATION

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

SBI Baseline Agreement Required

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

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

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

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Contra Costa
(\$1,000)



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

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

Primary Asset

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

MOBILITY

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

SBI Baseline Agreement Required

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

Primary Asset

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

Contra Costa County

R/W:	\$1,351	PA&ED:	\$33,024
Const:	\$390,921	PS&E:	\$47,715
		R/W Sup:	\$4,561
		Con Sup:	\$64,281

Subtotal: \$392,272 \$149,581
Total (Capital + Support): \$541,853

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



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

01-Del Norte-101 21.2 1122 0116000137	Near Crescent City, at 0.2 mile north of Cushing Creek Viaduct. Restore roadway to pre-slide condition.	0G210 2020-21	R/W: \$18 Con: \$10,355	PA&ED: \$1,488 PS&E: \$2,276 R/W Sup: \$116 Con Sup: \$3,974	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/4/2020 RTL: 1/15/2021 Begin Con: 5/19/2021
			Subtotal: \$10,373	\$7,854		
<i>Carryover</i>			Total Project Cost:	\$18,227		

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

BRIDGE PRESERVATION

01-Del Norte-101 35.8/36.5 0100V 0100000193	Near Crescent City from 0.3 mile south to 0.4 mile north of Smith River (Dr. Ernest M Fine Memorial) Bridge No. 01-0020. Replace bridge.	43640 2020-21	R/W: \$6,499 Con: \$50,448	PA&ED: \$10,942 PS&E: \$4,200 R/W Sup: \$650 Con Sup: \$12,250	Prior Prior Prior 20-21	PA&ED: 3/2/2020 R/W Cert: 4/1/2021 RTL: 4/19/2021 Begin Con: 9/1/2021
			Subtotal: \$56,947	\$28,042		
<i>Carryover</i>			Total Project Cost:	\$84,989		

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	33,314.0	0.0	33,314.0	Square feet
Post Condition	52,275.0	0.0	0.0	52,275.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 01-0020	Fair	Good
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V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-101 8.2/8.7 1137M 0120000028	Near Klamath, at Panther Creek Bridge No. 01 -0025 and at Hunter Creek Bridge No. 01-0003. Environmental mitigation monitoring for project EA 0B090.	0B091 2021-22	R/W: \$5 Con: \$230	PA&ED: PS&E: R/W Sup: \$3 Con Sup: \$200	21-22 21-22	PA&ED: 7/5/2018 R/W Cert: 4/16/2019 RTL: 6/1/2022 Begin Con: 10/1/2022
<i>Carryover</i>			Subtotal: \$235	\$203		
			Total Project Cost:	\$438		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 0 Bridge(s)

ROADWAY PRESERVATION

01-Del Norte-199 1.1/2.6 1130 0119000028	Near Crescent City, at various locations from north of Elk Valley Cross Road to south of Walker Road. Culvert rehabilitation and fish passage.	48802 2020-21	R/W: \$88 Con: \$2,605	PA&ED: \$300 PS&E: \$480 R/W Sup: \$30 Con Sup: \$407	Prior Prior 20-21 20-21	PA&ED: 1/14/2020 R/W Cert: 1/8/2021 RTL: 1/21/2021 Begin Con: 5/6/2021
<i>Carryover</i>			Subtotal: \$2,693	\$1,217		
			Total Project Cost:	\$3,910		

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0	180.0	387.0	667.0	Linear feet
Post Condition	667.0	0.0	0.0	667.0	Linear feet

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Del Norte-199 33.5/33.9 1115 0116000005	Near the Oregon State line, from 0.1 mile to 0.5 mile north of Collier Safety Roadside Rest Area (SRRA). Upgrade lighting and power control system at the Randolph Collier Tunnel No. 01	0F430 2020-21	R/W: Con: \$2,082	PA&ED: \$355 PS&E: \$1,213 R/W Sup: \$86 Con Sup: \$949	Prior Prior Prior 20-21	PA&ED: 6/3/2019 R/W Cert: 10/14/2020 RTL: 11/13/2020 Begin Con: 2/5/2021
Carryover	-0049.		Subtotal: \$2,082	\$2,603		
			Total Project Cost:	\$4,685		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 158 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	158.0	158.0	Each
Post Condition	158.0	0.0	0.0	158.0	Each

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: \$446 Con: \$1,581	PA&ED: \$697 PS&E: \$847 R/W Sup: \$15 Con Sup: \$649	Prior 20-21 20-21 21-22	PA&ED: 3/25/2020 R/W Cert: 9/27/2021 RTL: 10/15/2021 Begin Con: 2/8/2022
Carryover			Subtotal: \$2,027	\$2,208		
			Total Project Cost:	\$4,235		

Program 201.310 Operational Improvements
Project Output(s) 0.2 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Del Norte
(\$1,000)



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

01-Del Norte-199	Near Gasquet, at the Idlewild	0F760	R/W: \$20	PA&ED: \$561	Prior	PA&ED: 6/1/2020
28.1	Maintenance Station. Construct new	2021-22	Con: \$3,960	PS&E: \$1,565	Prior	R/W Cert: 9/1/2021
1117	office space building, and			R/W Sup: \$43	Prior	RTL: 11/19/2021
0116000060	rehabilitate water system and septic			Con Sup: \$2,038	21-22	Begin Con: 3/23/2022
	system.					
			Subtotal: \$3,980	\$4,207		
	<i>Carryover</i>		Total Project Cost:	\$8,187		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,560.0	2,560.0	Square feet
Post Condition	5,235.0	0.0	0.0	5,235.0	Square feet

Del Norte County

R/W:	\$7,076	PA&ED:	\$14,343
Const:	\$71,261	PS&E:	\$10,581
		R/W Sup:	\$943
		Con Sup:	\$20,467
Subtotal:	\$78,337		\$46,334
Total (Capital + Support):			\$124,671

V4.0 2020 SHOPP Project List
El Dorado
(\$1,000)



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

03-El Dorado-50 75.4/80.1 3469 0319000072	In South Lake Tahoe, from Route 89 to Park Avenue. Install lighting, pedestrian signals at mid-block crossings, signs, and green bike lane treatment to improve safety for pedestrians and bicyclists.	4H890 2022-23	R/W: \$970 Con: \$13,900	PA&ED: \$1,610 PS&E: \$1,470 R/W Sup: \$2,720 Con Sup: \$2,920	Prior 20-21 20-21 22-23	PA&ED: 2/5/2021 R/W Cert: 6/1/2023 RTL: 6/15/2023 Begin Con: 10/12/2023
<i>Carryover</i>			Subtotal: \$14,870	\$8,720		
			Total Project Cost:	\$23,590		

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

03-El Dorado-50 0.0/70.6 3318 0317000011	In Yolo, Sacramento and El Dorado Counties, in 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 standard.	1H870 2020-21	R/W: \$5 Con: \$2,000	PA&ED: \$271 PS&E: \$461 R/W Sup: \$129 Con Sup: \$570	Prior Prior Prior 20-21	PA&ED: 8/15/2019 R/W Cert: 7/15/2020 RTL: 7/15/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$2,005	\$1,431		
			Total Project Cost:	\$3,436		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
El Dorado
(\$1,000)



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

03-El Dorado-50	Near Cameron Park and Shingle Springs, from east of Silva Valley Parkway to west of El Dorado Road.	1H040 2021-22	R/W: \$180 Con: \$3,900	PA&ED: \$630 PS&E: \$570 R/W Sup: \$540 Con Sup: \$940	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0316000050	Rehabilitate culverts.					
<i>Carryover</i>						
			Subtotal: \$4,080	\$2,680		
			Total Project Cost:	\$6,760		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	177.1	1,455.2	3,279.3	4,911.6	Linear feet
Post Condition	4,911.6	0.0	0.0	4,911.6	Linear feet

03-El Dorado-50	In and near Placerville, from west of El Dorado Road to west of Schnell School Road. Rehabilitate deteriorated culverts.	1H800 2021-22	R/W: \$620 Con: \$3,000	PA&ED: \$200 PS&E: \$600 R/W Sup: \$120 Con Sup: \$960	Prior Prior Prior 21-22	PA&ED: 1/18/2020 R/W Cert: 8/2/2021 RTL: 8/15/2021 Begin Con: 2/8/2022
0317000003						
<i>Carryover</i>						
			Subtotal: \$3,620	\$1,880		
			Total Project Cost:	\$5,500		

Program 201.151 Drainage System Restoration
Project Output(s) 32 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	271.3	389.0	4,039.7	4,700.0	Linear feet
Post Condition	4,700.0	0.0	0.0	4,700.0	Linear feet

El Dorado County

R/W:	\$1,775	PA&ED:	\$2,711
Const:	\$22,800	PS&E:	\$3,101
		R/W Sup:	\$3,509
		Con Sup:	\$5,390
Subtotal:	\$24,575		\$14,711
Total (Capital + Support):			\$39,286

V4.0 2020 SHOPP Project List
 Fresno
 (\$1,000)



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

06-Fresno-41 M6.0/R20.1 6962 0618000194	Near Easton, from Elkhorn Avenue to North Avenue. Construct rumble strips.	0Y030 2020-21	R/W: \$10 Con: \$1,300	PA&ED: \$400 PS&E: \$700 R/W Sup: \$20 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 7/2/2020 RTL: 7/8/2020 Begin Con: 1/19/2021
			Subtotal: \$1,310	\$1,620		
Carryover			Total Project Cost:	\$2,930		

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

06-Fresno-145 0.0/33.6 6975 0619000020	Near Kerman, from Route 5 to Church Avenue. Construct centerline and shoulder rumble strips.	0Y420 2021-22	R/W: \$20 Con: \$3,400	PA&ED: \$470 PS&E: \$940 R/W Sup: \$20 Con Sup: \$930	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/22/2022
			Subtotal: \$3,420	\$2,360		
Carryover			Total Project Cost:	\$5,780		

Program 201.010 Safety Improvements
Project Output(s) 23 Collision(s) reduced

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-41 R23.1/R31.7 7013 0618000138	In the city of Fresno, from Ventura Avenue Viaduct to Friant Road. Construct Maintenance Vehicle Pullouts (MVPs), access gates, relocate irrigation facilities, and pave beyond gore.	0X780 2022-23	R/W: \$14 Con: \$6,626	PA&ED: \$431 PS&E: \$1,187 R/W Sup: \$22 Con Sup: \$2,496	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 7/1/2022 RTL: 11/4/2022 Begin Con: 5/22/2023
New			Subtotal: \$6,640	\$4,136		
			Total Project Cost:	\$10,776		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 6 Location(s)

BRIDGE PRESERVATION

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.	0U000 2020-21	R/W: \$630 Con: \$1,782	PA&ED: \$538 PS&E: \$893 R/W Sup: \$334 Con Sup: \$805	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 7/15/2021
Carryover			Subtotal: \$2,412	\$2,570		
			Total Project Cost:	\$4,982		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,438.0	9,063.0	16,501.0	Square feet
Post Condition	16,501.0	0.0	0.0	16,501.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 42-0031	Poor	Good
Bridge No. 42-0033	Poor	Good
Bridge No. 42-0034	Fair	Good
Bridge No. 50-0013	Poor	Good

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



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

06-Fresno-33 69.4/71.5 6972 0618000051	In and near Firebaugh, from Morris Kyle Drive to 0.6 mile north of Clyde Fannon Drive. Rehabilitate roadway, replace signs, install Transportation Management System (TMS) elements, upgrade guardrail, and rehabilitate drainage systems.	0X300 2023-24	R/W: \$260 Con: \$12,500	PA&ED: \$1,700 PS&E: \$2,100 R/W Sup: \$1 Con Sup: \$2,800	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 2/20/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
New			Subtotal: \$12,760	\$6,601		
			Total Project Cost:	\$19,361		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1.4	5.4	6.8	Lane mile(s)
Post Condition	6.8	0.0	0.0	6.8	Lane mile(s)

06-Fresno-99 21.2/24.4 6949 0617000306	In the city of Fresno, from south of El Dorado Street to Clinton Avenue. Rehabilitate roadway, repair or replace culverts, construct pumping plants, and remove or replace bridges.	0W800 2023-24	R/W: \$34,000 * Con: \$257,000	PA&ED: \$20,000 PS&E: \$18,000 R/W Sup: \$1,800 * Con Sup: \$36,500	Prior 21-22 21-22 23-24	PA&ED: 2/18/2022 R/W Cert: 4/15/2024 RTL: 4/30/2024 Begin Con: 11/27/2024
Carryover			Subtotal: \$291,000	\$76,300		
			Total Project Cost:	\$367,300		

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 18.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	16.7	0.0	18.9	Lane mile(s)
Post Condition	18.9	0.0	0.0	18.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
06-Fresno-5 37.2/48.8 6970 0618000048	Near Mendota, from north of Three Rocks Road to south of Panoche Road. Pavement rehabilitation, repair culverts and upgrade Transportation Management Systems (TMS) field elements. (G13 Contingency)	0X270 2021-22	R/W: \$300 * Con: \$35,900	PA&ED: \$2,000 PS&E: \$1,300 R/W Sup: \$10 * Con Sup: \$5,200	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 8/2/2021 RTL: 12/1/2021 Begin Con: 7/1/2022	
Carryover			Subtotal: \$36,200	\$8,510			
			Total Project Cost:	\$44,710			

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

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 46.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	38.2	8.1	0.0	46.3	Lane mile(s)
Post Condition	46.3	0.0	0.0	46.3	Lane mile(s)

06-Fresno-5 60.1/66.2 6971 0618000049	Near Los Banos, from Shields Avenue to Merced County line (PM 66.159). Rehabilitate pavement, install Traffic Management System (TMS) elements, and upgrade signs, guardrail, and lighting.	0X280 2022-23	R/W: \$10 Con: \$16,000	PA&ED: \$1,491 PS&E: \$1,100 R/W Sup: \$19 Con Sup: \$2,130	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 9/1/2022 RTL: 11/16/2022 Begin Con: 6/2/2023
New			Subtotal: \$16,010	\$4,740		
			Total Project Cost:	\$20,750		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	12.1	12.1	0.0	24.2	Lane mile(s)
Post Condition	24.2	0.0	0.0	24.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-145 20.2/26.1 6934 0618000052	Near Helm, from Kamm Avenue to Manning Avenue. Pavement rehabilitation.	0X310 2020-21	R/W: \$40 Con: \$8,200	PA&ED: \$820 PS&E: \$860 R/W Sup: \$30 Con Sup: \$2,100	Prior Prior Prior 20-21	PA&ED: 4/1/2020 R/W Cert: 12/22/2020 RTL: 1/22/2021 Begin Con: 6/28/2021
			Subtotal: \$8,240	\$3,810		
<i>Carryover</i>			Total Project Cost:	\$12,050		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	11.5	0.0	12.3	Lane mile(s)
Post Condition	12.3	0.0	0.0	12.3	Lane mile(s)

06-Fresno-198 6921 0618000015	In Fresno County, on Route 198 at various locations. Improve drainage facilities by repairing or replacing culverts.	0X060 2022-23	R/W: \$660 Con: \$14,900	PA&ED: \$3,000 PS&E: \$1,600 R/W Sup: \$1,600 Con Sup: \$2,800	Prior Prior Prior 22-23	PA&ED: 11/9/2020 R/W Cert: 1/13/2023 RTL: 2/15/2023 Begin Con: 9/11/2023
			Subtotal: \$15,560	\$9,000		
<i>Carryover</i>			Total Project Cost:	\$24,560		

Program 201.151 Drainage System Restoration
Project Output(s) 102 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,900.0	9,900.0	Linear feet
Post Condition	9,900.0	0.0	0.0	9,900.0	Linear feet

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



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

06-Fresno-41	Near Fresno, from the northbound	0W170	R/W: \$7	PA&ED: \$1,300	Prior	PA&ED: 11/15/2019
R27.6/R28.3 6879	Ashlan Avenue onramp to the	2021-22	Con: \$14,700	PS&E: \$2,400	Prior	R/W Cert: 8/5/2021
0617000103	northbound Shaw Avenue offramp.			R/W Sup: \$150	Prior	RTL: 9/7/2021
	Construct northbound auxiliary lane			Con Sup: \$4,400	21-22	Begin Con: 4/11/2022
	and add an additional lane to the		Subtotal: \$14,707	\$8,250		
Carryover	Shaw Avenue offramp.		Total Project Cost:	\$22,957		

Program 201.310 Operational Improvements
Project Output(s) 163.0 Daily vehicle hour(s) of delay (DVHD)

06-Fresno-Var	In Fresno, Kern, Kings, Madera, and	0W180	R/W: \$70	PA&ED: \$400	Prior	PA&ED: 9/2/2019
6923	Tulare Counties, at various locations.	2020-21	Con: \$4,500	PS&E: \$900	Prior	R/W Cert: 12/1/2020
0617000152	Repair Transportation Management			R/W Sup: \$10	Prior	RTL: 1/15/2021
	System (TMS) elements.			Con Sup: \$1,600	20-21	Begin Con: 7/6/2021
			Subtotal: \$4,570	\$2,910		
Carryover			Total Project Cost:	\$7,480		

Program 201.315 Transportation Management Systems
Project Output(s) 69 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	69	Field element(s)
Post Condition	100.0%		0.0%	69	Field element(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-41 R20.0/33.4 6881 0616000234	In and near the city of Fresno, from 0.1 mile south of North Avenue to the Madera County line; also on Route 99 (PM 19.36/PM 21.9), Route 168 (PM R0.2L/R/PM R9.7), and Route 180 (PM R58.55/PM R59.85). Replace and upgrade existing communication elements for the Traffic Management System (TMS).	0V780 2020-21	R/W: \$30 Con: \$16,010	PA&ED: \$619 PS&E: \$1,809 R/W Sup: \$165 Con Sup: \$1,791	Prior Prior Prior 20-21	PA&ED: 12/10/2018 R/W Cert: 2/8/2021 RTL: 3/8/2021 Begin Con: 9/7/2021
Carryover			Subtotal: \$16,040	\$4,384		
			Total Project Cost:	\$20,424		

Program 201.315 Transportation Management Systems
Project Output(s) 89 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	89	Field element(s)

ROADSIDE PRESERVATION

06-Fresno-99 19.0/21.1 6922 0617000292	In the city of Fresno, from north of Jensen Avenue to north of Stanislaus Street Overcrossing; also on Routes 41, 168, and 180 at various locations. Upgrade existing irrigation system to use recycled water.	0W970 2023-24	R/W: \$20 Con: \$13,100	PA&ED: \$600 PS&E: \$1,000 R/W Sup: \$1 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 7/30/2021 R/W Cert: 7/13/2023 RTL: 8/15/2023 Begin Con: 2/23/2024
New			Subtotal: \$13,120	\$3,801		
			Total Project Cost:	\$16,921		

Program 201.210 Highway Planting Restoration
Project Output(s) 57.0 Acre(s)

V4.0 2020 SHOPP Project List
Fresno
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Fresno-168 R0.0/R11.7 6851 0616000034	In Fresno and Clovis, at various locations between Route 180/168 Separation and Shepherd Avenue. Replace black potable water irrigation valves with purple scrubber valves for recycled irrigation water.	0U760 2020-21	R/W: \$2 Con: \$1,449	PA&ED: \$2 PS&E: \$524 R/W Sup: \$2 Con Sup: \$370	Prior Prior Prior 20-21	PA&ED: 9/17/2018 R/W Cert: 7/2/2020 RTL: 7/10/2020 Begin Con: 2/15/2021
Carryover			Subtotal: \$1,451	\$898		
			Total Project Cost:	\$2,349		

Program 201.210 Highway Planting Restoration
Project Output(s) 30.0 Acre(s)

FACILITIES

06-Fresno-99 23.3 6973 0618000065	In the city Fresno, at the West Avenue Maintenance Station at 1283 North West Avenue. Demolish two existing buildings and construct two new structures.	0X430 2023-24	R/W: \$10 Con: \$11,900	PA&ED: \$420 PS&E: \$1,800 R/W Sup: \$40 Con Sup: \$2,200	20-21 21-22 21-22 23-24	PA&ED: 10/4/2021 R/W Cert: 7/10/2023 RTL: 7/14/2023 Begin Con: 2/14/2024
New			Subtotal: \$11,910	\$4,460		
			Total Project Cost:	\$16,370		

Program 201.352 Maintenance Facilities
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	9,136.0	9,136.0	Square feet
Post Condition	12,960.0	0.0	0.0	12,960.0	Square feet

Fresno County

R/W: \$36,083	PA&ED: \$34,191
Const: \$419,267	PS&E: \$37,113
	R/W Sup: \$4,224
	Con Sup: \$68,822
Subtotal: \$455,350	\$144,350
Total (Capital + Support):	\$599,700

V4.0 2020 SHOPP Project List
Glenn
(\$1,000)



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

03-Glenn-5 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	3F500 2020-21	R/W: \$10 Con: \$2,000	PA&ED: \$280 PS&E: \$420 R/W Sup: \$80 Con Sup: \$540	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 7/2/2020 RTL: 8/3/2020 Begin Con: 1/15/2021
<i>Carryover</i>	Maintenance Vehicle Pullouts (MVPs), and trim trees and shrubs to improve highway worker safety.		Subtotal: \$2,010	\$1,320		
			Total Project Cost:	\$3,330		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 50 Location(s)

BRIDGE PRESERVATION

03-Glenn-162 76.3/78.6 2633 0312000052	At Butte City, from Route 45 to 0.1 mile east of McDougall Street. Replace Sacramento River Bridge No. 11-0017 and viaduct approach, and reconstruct east side roadway to conform with new structure.	3F060 2020-21	R/W: \$3,000 Con: \$85,000	PA&ED: \$5,500 PS&E: \$5,500 R/W Sup: \$1,400 Con Sup: \$10,000	Prior Prior Prior 20-21	PA&ED: 5/1/2019 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 7/31/2021
<i>Carryover</i>			Subtotal: \$88,000	\$22,400		
			Total Project Cost:	\$110,400		

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

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	149,758.0	149,758.0	Square feet
Post Condition	193,071.0	0.0	0.0	193,071.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 11-0017	Fair	Good

V4.0 2020 SHOPP Project List
Glenn
 (\$1,000)



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

R/W:	\$3,010	PA&ED:	\$5,780
Const:	\$87,000	PS&E:	\$5,920
		R/W Sup:	\$1,480
		Con Sup:	\$10,540

Subtotal: \$90,010 \$23,720

Total (Capital + Support): \$113,730

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



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

01-Humboldt-36	Near Bridgeville, from Caltrans	0G921	R/W: \$12	PA&ED: \$1,473	Prior	PA&ED: 2/26/2021
25.4/26.0	Maintenance Station to 0.6 mile east	2022-23	Con: \$12,376	PS&E: \$1,476	20-21	R/W Cert: 6/4/2021
2488	of Caltrans Maintenance Station.			R/W Sup: \$60	20-21	RTL: 7/15/2022
0117000220	Construct soldier pile ground anchor			Con Sup: \$1,700	22-23	Begin Con: 12/12/2022
	wall to address the slide below the		Subtotal: \$12,388	\$4,709		
Carryover	roadway.		Total Project Cost:	\$17,097		

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

01-Humboldt-96	Near Weitchpec, from 0.6 mile to 0.2	0H191	R/W: \$61	PA&ED: \$1,034	Prior	PA&ED: 1/18/2021
27.0/27.4	mile west of Bluff Creek Road.	2021-22	Con: \$6,197	PS&E: \$1,159	20-21	R/W Cert: 1/18/2022
2489	Restore roadway and stabilize slope			R/W Sup: \$63	20-21	RTL: 3/18/2022
0117000211	by constructing a retaining wall.			Con Sup: \$1,392	21-22	Begin Con: 7/20/2022
			Subtotal: \$6,258	\$3,648		
Carryover			Total Project Cost:	\$9,906		

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

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-169 19.0/33.0 2501 0118000107	Near Pecwan and Weitchpec, from 3.4 miles east of Cappel Creek Bridge to 0.8 mile west of Route 96, at four locations. Reconstruct storm damaged roadway, construct retaining walls, and rehabilitate drainage systems.	0H021 2021-22	R/W: \$356 Con: \$4,993	PA&ED: \$1,595 PS&E: \$1,761 R/W Sup: \$168 Con Sup: \$1,397	Prior 20-21 20-21 21-22	PA&ED: 2/17/2021 R/W Cert: 2/17/2022 RTL: 2/28/2022 Begin Con: 7/20/2022
Carryover			Subtotal: \$5,349	\$4,921		
			Total Project Cost:	\$10,270		

Program 201.131 Permanent Restoration
Project Output(s) 4 Location(s)

01-Humboldt-254 4.4/4.6 2502 0118000110	Near Miranda, from 0.4 mile to 0.2 mile south of Maple Hills Road. Stabilize slope and existing roadway by constructing a retaining wall and improving drainage.	0H800 2022-23	R/W: \$35 Con: \$12,951	PA&ED: \$1,448 PS&E: \$1,242 R/W Sup: \$112 Con Sup: \$2,327	Prior 21-22 21-22 22-23	PA&ED: 8/17/2021 R/W Cert: 8/17/2022 RTL: 10/14/2022 Begin Con: 2/22/2023
Carryover			Subtotal: \$12,986	\$5,129		
			Total Project Cost:	\$18,115		

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

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R8.7/R9.2 2492 0117000214	Near Blue Lake, from 1.6 miles to 2.1 miles east of Blue Lake Boulevard; also from 0.1 mile to 0.4 mile east of North Fork Mad River Bridge (PM R11.1/R11.4). Repair and stabilize slopes by constructing retaining walls at two locations.	0H431 2021-22	R/W: \$51 Con: \$29,046	PA&ED: \$1,374 PS&E: \$1,578 R/W Sup: \$68 Con Sup: \$5,435	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 6/1/2021 RTL: 12/1/2021 Begin Con: 5/18/2022
Carryover			Subtotal: \$29,097	\$8,455		
			Total Project Cost:	\$37,552		

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

COLLISION REDUCTION

01-Humboldt-36 10.5/10.8 2415 0115000076	Near Carlotta, from 0.1 mile east of Riverside Park Road to 0.4 mile east of Riverside Park Road. Curve correction.	0F160 2020-21	R/W: \$312 Con: \$2,678	PA&ED: \$910 PS&E: \$946 R/W Sup: \$174 Con Sup: \$1,043	Prior 20-21 20-21 20-21	PA&ED: 8/1/2020 R/W Cert: 3/15/2021 RTL: 3/31/2021 Begin Con: 7/21/2021
Carryover			Subtotal: \$2,990	\$3,073		
			Total Project Cost:	\$6,063		

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

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.9/79.5 2481 0117000128 Carryover	In Eureka, from Sixth Street to south of X Street. Improve curve and signs, construct bulb-outs, upgrade curb ramps, apply microsurfacing, and refresh pavement delineation.	0H200 2021-22	R/W: \$493 Con: \$5,563	PA&ED: \$1,265 PS&E: \$1,080 R/W Sup: \$717 Con Sup: \$1,421	Prior Prior Prior 21-22	PA&ED: 1/21/2020 R/W Cert: 7/14/2021 RTL: 8/1/2021 Begin Con: 12/22/2021
			Subtotal: \$6,056	\$4,483		
			Total Project Cost:	\$10,539		

Program 201.010 Safety Improvements
Project Output(s) 413 Collision(s) reduced

01-Humboldt-299 30.7/33.4 2522 0119000025 Carryover	Near Willow Creek, from 0.1 mile east of Cedar Creek Road to 0.2 mile east of East Fork Willow Creek Bridge. Widen shoulders and improve curves at three locations.	0J410 2021-22	R/W: \$89 Con: \$27,989	PA&ED: \$2,050 PS&E: \$2,839 R/W Sup: \$198 Con Sup: \$6,599	Prior 21-22 21-22 21-22	PA&ED: 7/15/2021 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 10/19/2022
			Subtotal: \$28,078	\$11,686		
			Total Project Cost:	\$39,764		

Program 201.010 Safety Improvements
Project Output(s) 158 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-36 0.1/1.6 2379 0113000090	Near Fortuna, from Route 101 to River Bar Road. Shoulder widening.	0E010 2020-21	R/W: \$2,842 Con: \$7,187	PA&ED: \$910 PS&E: \$1,123 R/W Sup: \$861 Con Sup: \$955	Prior Prior Prior 20-21	PA&ED: 9/1/2020 R/W Cert: 5/25/2021 RTL: 6/1/2021 Begin Con: 12/16/2021
<i>Carryover</i>			Subtotal: \$10,029	\$3,849		
			Total Project Cost:	\$13,878		

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

01-Humboldt-101 87.5/89.5 2460 0117000023	In and near Arcata, from Saint Louis Road Overcrossing (OC) to 0.7 mile north of Giuntoli Lane OC. Install guardrail and upgrade end treatments, place longitudinal drainage system, pave the median, reconstruct thrie-beam barrier, and construct a Class I bike path.	0G580 2021-22	R/W: \$346 Con: \$5,561	PA&ED: \$896 PS&E: \$1,066 R/W Sup: \$104 Con Sup: \$1,649	Prior Prior Prior 21-22	PA&ED: 3/1/2020 R/W Cert: 7/15/2021 RTL: 8/1/2021 Begin Con: 3/13/2022
<i>Carryover</i>			Subtotal: \$5,907	\$3,715		
			Total Project Cost:	\$9,622		

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

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 57.1/67.8 2461 0117000027	In and near Fortuna, from 0.5 mile south of Route 36 to 0.4 mile south of Hookton Road. Remove vegetated strips in median area to improve highway worker safety.	0G610 2021-22	R/W: \$912 Con: \$7,297	PA&ED: \$799 PS&E: \$879 R/W Sup: \$175 Con Sup: \$1,256	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/15/2022 RTL: 2/1/2022 Begin Con: 8/22/2022
Carryover			Subtotal: \$8,209	\$3,109		
			Total Project Cost:	\$11,318		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 172 Location(s)

MANDATES

01-Humboldt-36 21.5 2366 0113000016	Near Bridgeville, at 0.2 mile east of Golden Gate Drive. Construct erosion control Best Management Practices (BMPs) measures to achieve Statewide National Pollutant Discharge Eliminating System (NPDES) permit compliance unit (CU) credits that will stabilize the adjacent roadway slope erosion and reduce storm water sediment discharge to the impaired Van Duzen River.	0C150 2021-22	R/W: \$152 Con: \$2,174	PA&ED: \$726 PS&E: \$873 R/W Sup: \$334 Con Sup: \$1,452	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$2,326	\$3,385		
			Total Project Cost:	\$5,711		

Program 201.335 Storm Water Mitigation
Project Output(s) 5.5 Acre(s) treated/pollutant

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 4.2 2403 0115000021	Near Phillipsville, at 0.7 mile south of Maple Hills Road. Replace existing Fish Creek concrete box culvert with a bridge to eliminate fish passage barrier and decrease sediment loads to achieve compliance unit (CU) credits towards Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals. Five million in funds from AB 95 are designated for this project.	0E790 2021-22	R/W: \$34 Con: \$10,578	PA&ED: \$1,742 PS&E: \$1,863 R/W Sup: \$173 Con Sup: \$2,909	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 2/14/2022 RTL: 3/14/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$10,612 Total Project Cost:	\$6,687 \$17,299		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 79.0 Acre(s) treated/pollutant		

01-Humboldt-299 R16.1/R26.6 2378M 0120000011	Near Blue Lake, from 3.0 miles west to 7.5 miles east of Bair Road at various locations. Mitigation plant establishment for project EA 0E030.	0E031 2021-22	R/W: Con: \$300	PA&ED: PS&E: R/W Sup: Con Sup: \$160	21-22	PA&ED: R/W Cert: RTL: 7/2/2021 Begin Con: 7/15/2022
<i>Carryover</i>			Subtotal: \$300 Total Project Cost:	\$160 \$460		
				Program 201.335 Storm Water Mitigation		
				Project Output(s) 0.0 Acre(s) treated/pollutant		

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 77.3/78.1 2456 0116000186	In Eureka, from Wabash Avenue to Commercial Street. Upgrade curb ramps, driveways, and sidewalk, and add Accessible Pedestrian Signals (APS) upgrades to make compliant with Americans with Disabilities Act (ADA) standards; also install fiber optic communications connection from traffic signals to the Caltrans district office.	0G420 2021-22	R/W: \$180 Con: \$4,505	PA&ED: \$1,089 PS&E: \$965 R/W Sup: \$979 Con Sup: \$1,079	Prior Prior Prior 21-22	PA&ED: 12/1/2019 R/W Cert: 8/15/2021 RTL: 9/1/2021 Begin Con: 4/26/2022
Carryover			Subtotal: \$4,685 Total Project Cost:	\$4,112 \$8,797		
					Americans with Disabilities Act New Curb	
			Program	201.361	Ramps	
			Project Output(s)	27	Curb ramp(s)	

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	27.0	0.0	0.0	27.0	Each

BRIDGE PRESERVATION

01-Humboldt-36 11.3/34.6 2363 0112000292	Near Bridgeville, at Hely Creek Bridge No. 04-0092, Little Larabee Creek Bridge No. 04-0102 (PM 25.3), and Butte Creek Bridge No. 04-0116. Upgrade bridge rails and widen at one bridge, and replace two bridges.	0C500 2021-22	R/W: \$874 Con: \$16,001	PA&ED: \$2,947 PS&E: \$3,646 R/W Sup: \$268 Con Sup: \$4,325	Prior 20-21 20-21 21-22	PA&ED: 6/1/2021 R/W Cert: 5/2/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$16,875 Total Project Cost:	\$11,186 \$28,061		
			Program	201.112	Bridge Rail Replacement and Upgrade	
			Project Output(s)	910.0	Linear feet 3 Bridge(s)	

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	910.0	910.0	Linear feet rail
Post Condition	910.0	0.0	0.0	910.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0092	Good	Good
Bridge No. 04-0102	Good	Good
Bridge No. 04-0116	Fair	Good

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-96 2449 0116000129 Carryover	Near Weitchpec and Orleans, at Aikens Creek Bridge No. 04-0059 (PM 28.07), Bluff Creek Bridge No. 04-0063 (PM 28.27), Bluff Creek Bridge No. 04-0225 (PM R28.91), and Slate Creek Bridge No. 04-0061 (PM 29.92); also on Route 169 at Rube Creek Bridge No. 04-0215 (PM 27.57). Upgrade bridge rails at five locations and also strengthen for truck permit load capacity at two locations.	0G140 2021-22	R/W: \$278 Con: \$10,486	PA&ED: \$1,050 PS&E: \$2,127 R/W Sup: \$110 Con Sup: \$2,242	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 9/1/2021 RTL: 11/2/2021 Begin Con: 3/23/2022
			Subtotal: \$10,764	\$5,529		
			Total Project Cost:	\$16,293		
			Program	201.112 Bridge Rail Replacement and Upgrade		
			Project Output(s)	2,508.0 Linear feet 5 Bridge(s)		

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	196.0	2,312.0	2,508.0	Linear feet rail
Post Condition	2,508.0	0.0	0.0	2,508.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0059	Good	Good
Bridge No. 04-0061	Fair	Fair
Bridge No. 04-0063	Good	Good
Bridge No. 04-0215	Fair	Fair
Bridge No. 04-0225	Good	Good

01-Humboldt-101 27.7 2301 0112000211 Carryover	Near Myers Flat, at South Fork Eel River Bridge No. 04-0123. Seismic retrofit.	0A110 2020-21	R/W: \$85 Con: \$13,762	PA&ED: \$4,641 PS&E: \$2,072 R/W Sup: \$218 Con Sup: \$2,267	Prior Prior Prior 20-21	PA&ED: 12/1/2019 R/W Cert: 2/1/2021 RTL: 2/1/2021 Begin Con: 8/1/2021
			Subtotal: \$13,847	\$9,198		
			Total Project Cost:	\$23,045		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	1 Bridge(s)		

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	51,785.0	51,785.0	Square feet
Post Condition	51,785.0	0.0	0.0	51,785.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0123	Good	Good

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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01-Humboldt-36 17.9/R23.9 2429 011600014 <i>Carryover</i>	Near Bridgeville, at Van Duzen River Bridge No. 04-0284 (PM 17.94) and Van Duzen River Bridge No. 04-0293 (PM R23.91); also on Route 211 near Ferndale at Salt River Bridge No. 04-131 (PM R75.15), and in Lake County on Route 29 near Lakeport at Hill Road East Overcrossing No. 14-0039 (PM R43.75). Apply polyester concrete overlay or methacrylate treatment to bridge decks.	0F500 2021-22	R/W: \$3 Con: \$1,843	PA&ED: \$268 PS&E: \$757 R/W Sup: \$42 Con Sup: \$651	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 7/20/2021 RTL: 9/8/2021 Begin Con: 4/11/2022
			Subtotal: \$1,846	\$1,718		
			Total Project Cost:	\$3,564		
			Program 201.119 Bridge Preventative Maintenance			
			Project Output(s) 4 Bridge(s)			

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	40,957.0	10,796.0	51,753.0	Square feet
Post Condition	30,182.0	21,571.0	0.0	51,753.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 04-0131	Poor	Fair
Bridge No. 04-0284	Fair	Good
Bridge No. 04-0293	Fair	Good
Bridge No. 14-0039	Fair	Fair

ROADWAY PRESERVATION

01-Humboldt-36 13.5/36.1 2495 0117000241 <i>New</i>	Near Fortuna, from 2.0 miles east of Redwood House Road to 1.7 miles west of Burr Valley Road. Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H610 2022-23	R/W: \$256 Con: \$32,482	PA&ED: \$921 PS&E: \$1,090 R/W Sup: \$391 Con Sup: \$3,297	20-21 21-22 21-22 22-23	PA&ED: 12/23/2021 R/W Cert: 2/16/2023 RTL: 3/1/2023 Begin Con: 7/19/2023
			Subtotal: \$32,738	\$5,699		
			Total Project Cost:	\$38,437		
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 44.4 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.3	1.1	44.4	Lane mile(s)
Post Condition	44.4	0.0	0.0	44.4	Lane mile(s)

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R90.1/109.6 2439 0116000067	Near Trinidad, from 1.3 miles south of School Road to 0.4 mile north of Big Lagoon Bridge. Pavement rehabilitation.	0F820 2020-21	R/W: \$12 Con: \$45,355	PA&ED: \$332 PS&E: \$561 R/W Sup: \$84 Con Sup: \$4,287	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 11/1/2020 RTL: 11/15/2020 Begin Con: 6/1/2021
Carryover			Subtotal: \$45,367	\$5,264		
			Total Project Cost:	\$50,631		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 76.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.0	62.9	0.0	76.9	Lane mile(s)
Post Condition	76.9	0.0	0.0	76.9	Lane mile(s)

01-Humboldt-299 0.0/R5.7 2493 0117000236	In and near Arcata, from Route 101 to east of Blue Lake Boulevard. Rehabilitate pavement and upgrade guardrail, lighting, and Transportation Management System (TMS) elements.	0H560 2022-23	R/W: \$9 Con: \$15,358	PA&ED: \$629 PS&E: \$746 R/W Sup: \$50 Con Sup: \$1,424	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 10/1/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
New			Subtotal: \$15,367	\$2,849		
			Total Project Cost:	\$18,216		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.6	0.0	20.6	Lane mile(s)
Post Condition	20.6	0.0	0.0	20.6	Lane mile(s)

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-299 R11.0/R22.5 2494 0117000238	Near Blue Lake, from North Fork Mad River Bridge to Redwood Creek Bridge. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H580 2022-23	R/W: \$6 Con: \$18,367	PA&ED: \$605 PS&E: \$808 R/W Sup: \$37 Con Sup: \$2,457	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 9/15/2022 RTL: 10/1/2022 Begin Con: 4/1/2023
New			Subtotal: \$18,373 Total Project Cost:	\$3,907 \$22,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 29.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	29.6	0.0	29.6	Lane mile(s)
Post Condition	29.6	0.0	0.0	29.6	Lane mile(s)

01-Humboldt-101 T0.0/M54.0 2497 0117000245	Near Rio Dell, from Mendocino County line to north of Wildwood Avenue at various locations. Rehabilitate drainage systems and upgrade lighting and Transportation Management System (TMS) elements.	0H640 2023-24	R/W: \$1,775 Con: \$17,692	PA&ED: \$2,631 PS&E: \$1,657 R/W Sup: \$350 Con Sup: \$3,370	20-21 22-23 22-23 23-24	PA&ED: 6/3/2023 R/W Cert: 3/1/2024 RTL: 3/11/2024 Begin Con: 7/17/2024
New			Subtotal: \$19,467 Total Project Cost:	\$8,008 \$27,475		

Program 201.151 Drainage System Restoration
Project Output(s) 62 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	391.0	2,502.0	5,676.0	8,569.0	Linear feet
Post Condition	8,367.0	0.0	0.0	8,367.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-101 R11.8/26.7 7002 0114000071	Near Garberville, from north of Redwood Drive to 1.3 miles south of Myers Flat; also in Mendocino County, on Route 271 near Piercy, from 0.5 mile north of Confusion Hill to 0.5 mile north of Route 101 Separation (PM 16.1/20.0). Rehabilitate or replace drainage culverts.	48770 2020-21	R/W: \$403 Con: \$2,806	PA&ED: \$878 PS&E: \$866 R/W Sup: \$309 Con Sup: \$909	Prior Prior Prior 20-21	PA&ED: 3/1/2020 R/W Cert: 3/1/2021 RTL: 3/1/2021 Begin Con: 8/1/2021
Carryover			Subtotal: \$3,209	\$2,962		
			Total Project Cost:	\$6,171		

Program 201.151 Drainage System Restoration
Project Output(s) 20 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	80.0	211.0	1,641.0	1,932.0	Linear feet
Post Condition	1,997.0	0.0	0.0	1,997.0	Linear feet

01-Humboldt-169 15.1/33.8 2487 0117000169	Near Weitchpec, from 0.6 mile east of Pecwan Creek Bridge to Route 96 at various locations. Rehabilitate drainage systems.	0H410 2023-24	R/W: \$474 Con: \$5,606	PA&ED: \$2,499 PS&E: \$1,121 R/W Sup: \$1,397 Con Sup: \$1,718	20-21 21-22 21-22 23-24	PA&ED: 6/6/2022 R/W Cert: 12/6/2023 RTL: 1/8/2024 Begin Con: 5/22/2024
New			Subtotal: \$6,080	\$6,735		
			Total Project Cost:	\$12,815		

Program 201.151 Drainage System Restoration
Project Output(s) 50 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,152.0	2,152.0	Linear feet
Post Condition	2,114.0	0.0	0.0	2,114.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Humboldt-254 0.8/21.0 2518 0118000196 New	Near Phillipsville and Weott, from south of Chimney Tree Gift Shop to south of Bull Creek Flats Road. Rehabilitate drainage systems and reduce sediment loads to South Fork Eel River.	0H241 2023-24	R/W: \$550 Con: \$2,685	PA&ED: \$1,365 PS&E: \$1,066 R/W Sup: \$254 Con Sup: \$1,069	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 10/13/2023 RTL: 11/1/2023 Begin Con: 3/20/2024
			Subtotal: \$3,235	\$3,754		
			Total Project Cost:	\$6,989		

Program 201.151 Drainage System Restoration
Project Output(s) 17 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	371.0	664.0	1,035.0	Linear feet
Post Condition	1,095.0	0.0	0.0	1,095.0	Linear feet

01-Humboldt-299 R1.9/37.8 2433 0116000035 Carryover	Near Blue Lake and Willow Creek, from 0.1 mile east of Route 200 to 0.5 mile east of Boise Creek Campground. Rehabilitate drainage culverts.	0F620 2021-22	R/W: \$920 Con: \$4,268	PA&ED: \$904 PS&E: \$958 R/W Sup: \$77 Con Sup: \$1,615	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/1/2022
			Subtotal: \$5,188	\$3,554		
			Total Project Cost:	\$8,742		

Program 201.151 Drainage System Restoration
Project Output(s) 24 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	110.0	1,738.0	3,191.0	5,039.0	Linear feet
Post Condition	4,994.0	0.0	0.0	4,994.0	Linear feet

**V4.0 2020 SHOPP Project List
Humboldt
(\$1,000)**



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

01-Humboldt-101 88.3/88.6 2424 0115000043	In Arcata, from north of Route 299/Route 101 Connector to 0.2 mile south of Guintoli Lane Overcrossing. Construct auxiliary lane to improve merging movements.	0E890 2021-22	R/W: \$532 Con: \$4,098	PA&ED: \$1,008 PS&E: \$1,329 R/W Sup: \$90 Con Sup: \$1,546	Prior Prior 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 11/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
<i>Carryover</i>			Subtotal: \$4,630	\$3,973		
			Total Project Cost:	\$8,603		

Program 201.310 Operational Improvements
Project Output(s) 36.0 Daily vehicle hour(s) of delay (DVHD)

FACILITIES

01-Humboldt-101 2355 0112000229	In Eureka, at the District 1 Materials Laboratory located at the District Office complex (1726 Albee Street). Replace District 1 Materials Laboratory (L5731) at alternative site to address health, safety, accessibility, and operational deficiencies.	0C110 2020-21	R/W: \$1,388 Con: \$4,284	PA&ED: \$1,134 PS&E: \$1,380 R/W Sup: \$567 Con Sup: \$1,702	Prior Prior Prior 20-21	PA&ED: 5/31/2019 R/W Cert: 4/1/2021 RTL: 4/1/2021 Begin Con: 7/21/2021
<i>Carryover</i>			Subtotal: \$5,672	\$4,783		
			Total Project Cost:	\$10,455		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,400.0	6,400.0	Square feet
Post Condition	8,000.0	0.0	0.0	8,000.0	Square feet

V4.0 2020 SHOPP Project List
Humboldt
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Humboldt County						
			R/W:	\$13,440	PA&ED:	\$39,123
			Const:	\$334,488	PS&E:	\$39,034
					R/W Sup:	\$8,430
					Con Sup:	\$63,653
			Subtotal:	\$347,928		\$150,240
			Total (Capital + Support):			\$498,168

V4.0 2020 SHOPP Project List
Imperial
(\$1,000)



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

11-Imperial-111	In and near Brawley, from Jasper	43030	R/W: \$374	PA&ED: \$780	20-21	PA&ED: 12/3/2021
R3.2/45.4	Road to Niland Creek Bridge; also on	2023-24	Con: \$10,817	PS&E: \$1,453	21-22	R/W Cert: 6/23/2023
1318	Route 8 near El Centro, from east of			R/W Sup: \$253	21-22	RTL: 7/14/2023
1118000099	Dogwood Road to Route 111. Install			Con Sup: \$2,224	23-24	Begin Con: 2/15/2024
	rumble strips, upgrade guardrail,		Subtotal: \$11,191	\$4,710		
New	enhance highway worker safety, and		Total Project Cost:	\$15,901		
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.015 Collision Severity Reduction
Project Output(s) 15 Collision(s) reduced

11-Imperial-8	In and near El Centro, at various	41200	R/W:	PA&ED: \$385	Prior	PA&ED: 8/7/2020
R32.4/R46.1	locations on Routes 8 and 111. Pave	2021-22	Con: \$2,070	PS&E: \$585	20-21	R/W Cert: 6/11/2021
1252	slopes under structures.			R/W Sup:		RTL: 7/30/2021
1112000158				Con Sup: \$571	21-22	Begin Con: 12/30/2021
			Subtotal: \$2,070	\$1,541		
Carryover			Total Project Cost:	\$3,611		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 18 Location(s)

V4.0 2020 SHOPP Project List
Imperial
(\$1,000)



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

11-Imperial-8 1329 1118000204	In Imperial County, on Routes 8 and 78 at various locations. Rehabilitation of six bridges, including painting, deck and column work.	43044 2021-22	R/W: Con: \$12,300	PA&ED: \$200 PS&E: \$800 R/W Sup: Con Sup: \$1,700	Prior Prior 21-22	PA&ED: 3/3/2020 R/W Cert: 8/13/2021 RTL: 11/30/2021 Begin Con: 3/17/2022
<i>Carryover</i>			Subtotal: \$12,300	\$2,700		
			Total Project Cost:	\$15,000		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 6 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	38,158.0	16,899.0	55,057.0	Square feet
Post Condition	55,057.0	0.0	0.0	55,057.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 58-0196L	Fair	Good
Bridge No. 58-0196R	Poor	Good
Bridge No. 58-0298	Poor	Good
Bridge No. 58-0299	Poor	Good
Bridge No. 58-0303	Fair	Good
Bridge No. 58-0311	Fair	Good

11-Imperial-8 R96.8 1336 1118000262	Near Winterhaven, at Colorado River Viaduct Bridge No. 58-0312L/R. Patch spalls, polyester deck overlay, hinge bearing replacement, and joint replacement to preserve the structural integrity of two bridges.	43049 2020-21	R/W: Con: \$4,163	PA&ED: \$193 PS&E: \$506 R/W Sup: Con Sup: \$479	Prior Prior 20-21	PA&ED: 1/20/2020 R/W Cert: 12/28/2020 RTL: 2/9/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$4,163	\$1,178		
			Total Project Cost:	\$5,341		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	106,401.0	114,592.0	220,993.0	Square feet
Post Condition	220,993.0	0.0	0.0	220,993.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 58-0312L	Fair	Good
Bridge No. 58-0312R	Poor	Good

V4.0 2020 SHOPP Project List
 Imperial
 (\$1,000)



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

R/W:	\$374	PA&ED:	\$1,558
Const:	\$29,350	PS&E:	\$3,344
		R/W Sup:	\$253
		Con Sup:	\$4,974
<hr/>			
Subtotal:	\$29,724		\$10,129
Total (Capital + Support):			\$39,853

V4.0 2020 SHOPP Project List
 Inyo
 (\$1,000)



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

09-Inyo-395	Near Lone Pine, from Teya Road to	37450	R/W: \$148	PA&ED: \$526	20-21	PA&ED: 12/1/2021
56.8/R58.3	East Lubken Avenue. Upgrade	2023-24	Con: \$592	PS&E: \$744	21-22	R/W Cert: 10/2/2023
2647	facilities to Americans with Disabilities			R/W Sup: \$346	21-22	RTL: 10/2/2023
0918000017	Act (ADA) standards.			Con Sup: \$1,037	23-24	Begin Con: 3/8/2024
			Subtotal: \$740	\$2,653		
New			Total Project Cost:	\$3,393		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 16 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	3.0	0.0	0.0	3.0	Each

09-Inyo-395	Near Bishop, from North See Vee	36680	R/W: \$6,378	PA&ED: \$1,530	Prior	PA&ED: 10/1/2020
117.3/117.8	Lane to North Barlow Lane. Upgrade	2023-24	Con: \$9,901	PS&E: \$3,340	20-21	R/W Cert: 10/2/2023
2641	Americans with Disabilities Act (ADA)			R/W Sup: \$1,670	20-21	RTL: 11/20/2023
0916000021	curb ramps, driveways, and			Con Sup: \$2,190	23-24	Begin Con: 5/8/2024
			Subtotal: \$16,279	\$8,730		
Carryover			Total Project Cost:	\$25,009		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 15 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	15.0	0.0	0.0	15.0	Each

V4.0 2020 SHOPP Project List
Inyo
 (\$1,000)



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

09-Inyo-395	Near Independence, from 3.0 miles south of Manzanar Reward Road to 0.3 mile north of Shabbell Lane.	37900	R/W: \$137	PA&ED: \$1,447	20-21	PA&ED: 1/1/2022
R65.0/76.0 2671		2023-24	* Con: \$47,202	PS&E: \$1,273	21-22	R/W Cert: 11/1/2023
0919000004	Rehabilitate roadway, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.			R/W Sup: \$1,203	21-22	RTL: 12/1/2023
				* Con Sup: \$2,412	23-24	Begin Con: 5/8/2024

New

Subtotal: \$47,339 \$6,335
Total Project Cost: \$53,674

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

Program 201.120 Roadway Rehabilitation (3R)

Project Output(s) 45.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	17.2	27.8	0.0	45.0	Lane mile(s)
Post Condition	45.0	0.0	0.0	45.0	Lane mile(s)

09-Inyo-127	Near Shoshone, from 4.6 miles north of Route 178 (west) to 7.6 miles south of Route 190; also from 0.3 mile south of Route 190 to Nevada State line (PM 41.8/49.42). Rehabilitate pavement and replace signs.	37930	R/W: \$18,367	PA&ED: \$164	20-21	PA&ED: 1/1/2021
21.0/34.5 2670		2022-23	Con: \$18,367	PS&E: \$272	20-21	R/W Cert: 7/1/2022
0919000007				R/W Sup: \$2	20-21	RTL: 8/1/2022
				Con Sup: \$1,724	22-23	Begin Con: 3/15/2023

New

Subtotal: \$18,367 \$2,162
Total Project Cost: \$20,529

Program 201.121 Pavement Rehabilitation (CAPM)

Project Output(s) 42.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	41.9	0.0	42.0	Lane mile(s)
Post Condition	42.0	0.0	0.0	42.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Inyo
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 91.6/100.8 2667 0919000005 New	Near Big Pine, from 1.3 miles south of Fish Springs Road (south) to Route 168 (east). Rehabilitate pavement, install Transportation Management System (TMS) elements, and upgrade lighting, guardrail, and facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	37910 2023-24	R/W: \$96 * Con: \$34,545	PA&ED: \$1,378 PS&E: \$892 R/W Sup: \$1,224 * Con Sup: \$2,680	20-21 21-22 21-22 23-24	PA&ED: 12/2/2021 R/W Cert: 12/5/2023 RTL: 1/16/2024 Begin Con: 6/26/2024
			Subtotal: \$34,641	\$6,174		
			Total Project Cost: \$40,815			
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 37.3 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.3	0.0	37.3	Lane mile(s)
Post Condition	37.3	0.0	0.0	37.3	Lane mile(s)

09-Inyo-395 115.0/117.8 2653 0918000019 New	In and near Bishop, on Main Street from Jay Street to Barlow Lane, and on Route 168 (Line Street) from Pioneer Lane to Route 395 (Main Street) (PM 17.6/18.3). Rehabilitate roadway and drainage, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	37470 2022-23	R/W: \$205 Con: \$15,087	PA&ED: \$1,288 PS&E: \$1,083 R/W Sup: \$1,212 Con Sup: \$1,239	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/27/2023
			Subtotal: \$15,292	\$4,822		
			Total Project Cost: \$20,114			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 13.6 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	13.4	0.0	13.6	Lane mile(s)
Post Condition	13.6	0.0	0.0	13.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



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

09-Inyo-395	Near Cartago, 3.0 miles north of	36490	R/W: \$31	PA&ED: \$890	Prior	PA&ED: 5/1/2020
37.6	Route 190 Junction. Protect,	2021-22	Con: \$1,840	PS&E: \$380	Prior	R/W Cert: 11/1/2021
0661	enhance, preserve, and restore			R/W Sup: \$100	Prior	RTL: 11/1/2021
0915000018	wetland and riparian habitat at			Con Sup: \$460	21-22	Begin Con: 7/1/2022
	Cartago Wildlife Area. This work will		Subtotal: \$1,871			
Carryover	also serve as advance mitigation		Total Project Cost:		\$1,830	
	credit purchases for future SHOPP				\$3,701	
	construction projects.					

Program 201.240 Roadside Enhancement
Project Output(s) 16 Location(s)

FACILITIES

09-Inyo-395	Near Independence, at the	37950	R/W:	PA&ED: \$179	20-21	PA&ED: 1/1/2021
73.9	Independence Maintenance Station	2022-23	Con: \$3,738	PS&E: \$664	21-22	R/W Cert: 7/8/2022
2662	(655 North Edwards Street). Construct			R/W Sup:		RTL: 7/8/2022
0919000009	new equipment canopy, water tank,			Con Sup: \$1,119	22-23	Begin Con: 1/11/2023
	and make fire suppression		Subtotal: \$3,738			
New	improvements.		Total Project Cost:		\$1,962	
					\$5,700	

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	8,484.5	0.0	0.0	8,484.5	Square feet

V4.0 2020 SHOPP Project List
Inyo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Inyo-395 115.0 2649 0918000020	In Bishop, at the District 9 Materials Laboratory located at the District Office complex (500 South Main Street). Replace District 9 Materials Laboratory at alternative site to address health, safety, accessibility, and operational deficiencies.	37480 2023-24	R/W: \$895 Con: \$7,545	PA&ED: \$430 PS&E: \$497 R/W Sup: \$166 Con Sup: \$1,903	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 12/4/2023 RTL: 12/4/2023 Begin Con: 5/14/2024
New			Subtotal: \$8,440	\$2,996		
			Total Project Cost:	\$11,436		

Program 201.354 Materials Labs
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,900.0	3,900.0	Square feet
Post Condition	6,000.0	0.0	0.0	6,000.0	Square feet

Inyo County

R/W:	\$7,890	PA&ED:	\$7,832
Const:	\$138,817	PS&E:	\$9,145
		R/W Sup:	\$5,923
		Con Sup:	\$14,764
Subtotal:	\$146,707		\$37,664
Total (Capital + Support):			\$184,371

V4.0 2020 SHOPP Project List
Kern
 (\$1,000)



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

06-Kern-43	In Wasco, from Route 46 to south of	0X770	R/W: \$1,100	PA&ED: \$1,400	Prior	PA&ED: 12/1/2020
25.2/25.4	Gromer Avenue. Improve safety by	2021-22	Con: \$3,900	PS&E: \$1,400	20-21	R/W Cert: 4/1/2022
6982	constructing a roundabout.			R/W Sup: \$1,000	20-21	RTL: 4/15/2022
0618000131				Con Sup: \$1,300	21-22	Begin Con: 9/20/2022
			Subtotal: \$5,000	\$5,100		
<i>Carryover</i>			Total Project Cost:	\$10,100		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-119	In Taft, from north of Gardner Field	0X760	R/W: \$18	PA&ED: \$940	Prior	PA&ED: 7/1/2021
0.2/0.6	Road to south of Ash Street.	2021-22	Con: \$1,770	PS&E: \$1,520	20-21	R/W Cert: 1/15/2022
6994	Construct left turn lane.			R/W Sup: \$28	20-21	RTL: 4/1/2022
0618000129				Con Sup: \$945	21-22	Begin Con: 1/15/2023
			Subtotal: \$1,788	\$3,433		
<i>Carryover</i>			Total Project Cost:	\$5,221		

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

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-178 10.4/57.0 6924 0618000083	Near Bakersfield, from 0.2 mile east of Miramonte Drive to Kelso Valley Road; also on Route 223 from South Vineland Road to South Comanche Drive (PM R17.1/R20.0). Install centerline and shoulder rumble strips.	0X520 2020-21	R/W: \$6 Con: \$3,103	PA&ED: \$830 PS&E: \$830 R/W Sup: \$7 Con Sup: \$840	Prior Prior Prior 20-21	PA&ED: 2/28/2020 R/W Cert: 1/26/2021 RTL: 2/26/2021 Begin Con: 9/7/2021
<i>Carryover</i>			Subtotal: \$3,109	\$2,507		
			Total Project Cost:	\$5,616		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

06-Kern-204 2.8 6956 0617000297	In Bakersfield, at 8th Street. Installation of High-intensity Activated crossWalk (HAWK) system.	0W990 2021-22	R/W: \$225 Con: \$1,535	PA&ED: \$530 PS&E: \$980 R/W Sup: \$285 Con Sup: \$720	Prior Prior Prior 21-22	PA&ED: 1/13/2020 R/W Cert: 1/14/2022 RTL: 2/15/2022 Begin Con: 8/29/2022
<i>Carryover</i>			Subtotal: \$1,760	\$2,515		
			Total Project Cost:	\$4,275		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List

Kern

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Kern-178 2631 0917000001	In Kern, Mono, Inyo, and San Bernardino Counties, on Routes 14, 89, 108, 120, 127, 168, 178, 182, 190, 202, and 395 at various locations.	36770 2020-21	R/W: \$1 Con: \$2,831	PA&ED: \$240 PS&E: \$570 R/W Sup: \$10 Con Sup: \$910	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/16/2020 RTL: 10/16/2020 Begin Con: 3/10/2021
Carryover	Upgrade guardrails, end treatments, and bridge transition railings to current standards.		Subtotal: \$2,832 Total Project Cost:	\$1,730 \$4,562		

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

09-Kern-202 R4.7/R5.1 2620 0916000016	Near Tehachapi, from 0.2 mile west to 0.2 mile east of Cummings Valley Road East. Construct a left turn lane from southbound Route 202 to Cummings Valley Road East.	36720 2021-22	R/W: \$933 Con: \$1,260	PA&ED: \$311 PS&E: \$970 R/W Sup: \$620 Con Sup: \$950	Prior Prior Prior 21-22	PA&ED: 3/25/2019 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 2/23/2022
Carryover			Subtotal: \$2,193 Total Project Cost:	\$2,851 \$5,044		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



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

06-Kern-58 R53.4 6757 0615000003	In Bakersfield, at H Street. Upgrade curb ramps to meet current Americans with Disabilities Act (ADA) standards.	0T000 2021-22	R/W: \$100 Con: \$1,590	PA&ED: \$407 PS&E: \$1,064 R/W Sup: \$865 Con Sup: \$594	Prior Prior Prior 21-22	PA&ED: 1/17/2019 R/W Cert: 4/1/2022 RTL: 4/6/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$1,690	\$2,930		
			Total Project Cost:	\$4,620		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 7 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7.0	7.0	Each
Post Condition	7.0	0.0	0.0	7.0	Each

06-Kern-204 R0.0/4.6 6871 0617000096	In Bakersfield, from Route 204/58 Separation to L street; also on Route 58 (PM R54.2/R54.6). Upgrade curb ramps and Accessible Pedestrian Signals (APS) to meet current Americans with Disabilities Act (ADA) standards.	0W150 2021-22	R/W: \$337 Con: \$4,500	PA&ED: \$1,105 PS&E: \$1,600 R/W Sup: \$1,486 Con Sup: \$1,700	Prior Prior Prior 21-22	PA&ED: 9/2/2019 R/W Cert: 12/1/2021 RTL: 12/3/2021 Begin Con: 5/25/2022
<i>Carryover</i>			Subtotal: \$4,837	\$5,891		
			Total Project Cost:	\$10,728		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 80 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	78.0	78.0	Each
Post Condition	80.0	0.0	0.0	80.0	Each

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



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

06-Kern-166 17.3/17.7 6726 0615000047	Near Mettler, at California Aqueduct Bridge No. 50-0323. Bridge rehabilitation.	0S050 2021-22	R/W: \$1,100 * Con: \$30,000	PA&ED: \$1,045 PS&E: \$5,100 R/W Sup: \$600 * Con Sup: \$6,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 5/2/2022 RTL: 5/9/2022 Begin Con: 10/3/2022
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(G13 Contingency) Subtotal: \$31,100 \$12,945
Total Project Cost: \$44,045

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	16,544.0	0.0	16,544.0	Square feet
Post Condition	18,879.0	0.0	0.0	18,879.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 50-0323 Poor Good

ROADWAY PRESERVATION

06-Kern-99 23.6/R28.4 6661A 0618000145	In Bakersfield, from Brundage Lane Overcrossing to Beardsley Canal Bridge. Landscape mitigation for rehabilitate roadway project EA 0Q280.	0Q281 2021-22	R/W: \$20 Con: \$6,600	PA&ED: \$700 PS&E: \$500 R/W Sup: \$20 Con Sup: \$2,500	21-22 21-22 21-22 21-22	PA&ED: 7/30/2021 R/W Cert: 4/25/2022 RTL: 5/2/2022 Begin Con: 2/2/2023
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Subtotal: \$6,620 \$3,720
Total Project Cost: \$10,340

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 0.0 Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-119 28.2/31.3 6805 0616000222	Near Bakersfield, from 0.1 miles east of Ashe Road to Route 99 Separation. Rehabilitate roadway including reconstruction of travel lanes with Jointed Plain Concrete Pavement (JPCP), widen intersections and shoulders to meet current standards, add bicycle lanes, median lane to accommodate two-way turning, install drainage inlets and stormwater basin, sidewalks and upgrade American with Disabilities Act (ADA) ramps to current standards.	0V610 2023-24	R/W: \$14,200 Con: \$26,500	PA&ED: \$3,200 PS&E: \$2,500 R/W Sup: \$6,300 Con Sup: \$4,600	Prior 20-21 20-21 23-24	PA&ED: 9/1/2020 R/W Cert: 9/1/2023 RTL: 12/1/2023 Begin Con: 4/29/2024
Carryover			Subtotal: \$40,700 Total Project Cost:	\$16,600 \$57,300		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 10.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.5	1.5	10.0	Lane mile(s)
Post Condition	10.0	0.0	0.0	10.0	Lane mile(s)

06-Kern-155 R0.0/R1.3 6960 0617000303	In Deleno, from Fremont Street to west of Browning Road. Rehabilitate roadway, widen shoulders, upgrade facilities to Americans with Disabilities Act (ADA) standards, and rehabilitate drainage systems.	0W810 2023-24	R/W: \$1,400 Con: \$9,000	PA&ED: \$1,700 PS&E: \$2,300 R/W Sup: \$540 Con Sup: \$1,800	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 3/15/2024 Begin Con: 9/1/2024
New			Subtotal: \$10,400 Total Project Cost:	\$6,340 \$16,740		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 2.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.6	0.0	2.6	Lane mile(s)
Post Condition	2.6	0.0	0.0	2.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-184 0.8/8.6 6803 061600001	Near Bakersfield, from Dunsmere Street to Breckenridge Road. Upgrade Americans with Disabilities Act (ADA) curb ramps, install bike lanes, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	0U290 2022-23	R/W: \$2,230 Con: \$17,700	PA&ED: \$2,425 PS&E: \$3,000 R/W Sup: \$2,200 Con Sup: \$3,400	Prior 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 4/3/2023 Begin Con: 11/20/2023
<i>Carryover</i>			Subtotal: \$19,930 Total Project Cost:	\$11,025 \$30,955		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 21.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	8.0	12.7	0.9	21.6	Lane mile(s)
Post Condition	21.6	0.0	0.0	21.6	Lane mile(s)

06-Kern-184 8.5/11.6 6798 061600033	In and near Bakersfield, from 0.1 mile north of Edison Highway to 0.1 mile north of Chase Avenue. Upgrade Americans with Disabilities Act (ADA) curbs and barrier railing, widen shoulders, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate roadway.	0U430 2021-22	R/W: \$350 Con: \$7,600	PA&ED: \$1,020 PS&E: \$1,520 R/W Sup: \$50 Con Sup: \$1,600	Prior Prior Prior 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 11/14/2022
<i>Carryover</i>			Subtotal: \$7,950 Total Project Cost:	\$4,190 \$12,140		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 8.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.7	7.8	0.3	8.8	Lane mile(s)
Post Condition	8.8	0.0	0.0	8.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 10.2/15.9 6985 0615000300	Near Grapevine, from Grapevine Road Undercrossing to Route 5/99 Separation. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0U500 2023-24	R/W: \$20 Con: \$16,800	PA&ED: \$1,400 PS&E: \$2,200 R/W Sup: \$30 Con Sup: \$1,900	20-21 22-23 22-23 23-24	PA&ED: 7/5/2022 R/W Cert: 8/15/2023 RTL: 11/16/2023 Begin Con: 8/30/2024
New			Subtotal: \$16,820	\$5,530		
			Total Project Cost:	\$22,350		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 42.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	23.6	8.7	42.7	Lane mile(s)
Post Condition	18.9	23.8	0.0	42.7	Lane mile(s)

09-Kern-14 46.2/52.8 2672 0919000003	Near Armistead, from 1.1 mile north of Red Rock Canyon Road to 4.9 mile south of Route 178 (West). Rehabilitate pavement and upgrade signs.	37890 2022-23	R/W: \$20 Con: \$7,560	PA&ED: \$232 PS&E: \$528 R/W Sup: \$2 Con Sup: \$385	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 7/8/2022 RTL: 8/8/2022 Begin Con: 1/11/2023
New			Subtotal: \$7,560	\$1,147		
			Total Project Cost:	\$8,707		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.1	12.1	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 40.4/59.0 6978 0619000010	Near McKittrick, from south of Lokern Road to 1.2 miles south of Route 46. Rehabilitate pavement, replace signs, install Transportation Management System (TMS) elements, and rehabilitate drainage systems.	0Y130 2022-23	R/W: \$220 Con: \$16,600	PA&ED: \$1,800 PS&E: \$1,300 R/W Sup: \$350 Con Sup: \$2,300	20-21 22-23 22-23 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 4/18/2023 Begin Con: 11/3/2023
New			Subtotal: \$16,820	\$5,750		
			Total Project Cost:	\$22,570		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.2	0.0	37.2	Lane mile(s)
Post Condition	37.2	0.0	0.0	37.2	Lane mile(s)

06-Kern-58 6.0/15.4 6957 0618000057	Near McKittrick, from San Luis Obispo County line to Route 33. Pavement rehabilitation, repair culverts, and upgrade Intelligent Transportation System (ITS) field elements.	0X350 2020-21	R/W: \$140 Con: \$11,000	PA&ED: \$1,500 PS&E: \$1,500 R/W Sup: \$30 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 7/16/2020 R/W Cert: 2/1/2021 RTL: 4/15/2021 Begin Con: 10/3/2021
Carryover			Subtotal: \$11,140	\$4,830		
			Total Project Cost:	\$15,970		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	4.9	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
06-Kern-58 39.9/46.0 6756 0615000212	In and near Bakersfield, from Route 43 to 0.1 mile west of Allen Road. Pavement rehabilitation.	0U110 2021-22	R/W: \$350 Con: \$8,500	PA&ED: \$1,400 PS&E: \$1,200 R/W Sup: \$250 Con Sup: \$1,900	Prior 20-21 21-22 21-22		PA&ED: 10/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$8,850	\$4,750			
Carryover			Total Project Cost:	\$13,600			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	11.4	0.6	12.2	Lane mile(s)
Post Condition	12.2	0.0	0.0	12.2	Lane mile(s)

06-Kern-166 0.0/9.0 6896 0618000060	In and near Maricopa, from Route 33 to 4.0 miles east of Basic School Road (PM 0.010/9.000). Rehabilitate pavement, upgrade guardrail and facilities to American with Disability Act (ADA) standards, and construct rumble strips.	0X380 2022-23	R/W: \$120 Con: \$9,200	PA&ED: \$1,600 PS&E: \$1,500 R/W Sup: \$120 Con Sup: \$2,000	20-21 22-23 22-23 22-23		PA&ED: 7/1/2022 R/W Cert: 4/3/2023 RTL: 4/17/2023 Begin Con: 11/1/2023
			Subtotal: \$9,320	\$5,220			
New			Total Project Cost:	\$14,540			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.1	1.9	18.0	Lane mile(s)
Post Condition	18.0	0.0	0.0	18.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 R0.0/4.4 6895 061800055	Near Lebec, from Los Angeles County line to south of Lebec Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0X330 2022-23	R/W: \$30 Con: \$25,400	PA&ED: \$1,300 PS&E: \$1,600 R/W Sup: \$20 Con Sup: \$3,000	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 4/3/2023 RTL: 4/18/2023 Begin Con: 11/8/2023
New			Subtotal: \$25,430	\$5,920		
			Total Project Cost:	\$31,350		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 17.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.4	11.1	2.0	17.5	Lane mile(s)
Post Condition	17.5	0.0	0.0	17.5	Lane mile(s)

06-Kern-58 R64.4/67.3 6981 0618000183	Near Edison, from west of Tejon Highway Overcrossing to 2.5 miles west of General Beale Road. Rehabilitate roadway, replace signs, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	0X160 2022-23	R/W: \$10 Con: \$10,200	PA&ED: \$910 PS&E: \$1,600 R/W Sup: \$50 Con Sup: \$1,500	20-21 21-22 21-22 22-23	PA&ED: 1/14/2022 R/W Cert: 9/1/2022 RTL: 9/9/2022 Begin Con: 3/15/2023
New			Subtotal: \$10,210	\$4,060		
			Total Project Cost:	\$14,270		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 5.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	4.2	0.5	5.8	Lane mile(s)
Post Condition	5.8	0.0	0.0	5.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Kern
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-33 21.8/39.8 6894 0618000043	Near Taft, from 0.9 mile south of Henry Road to north of Cymric Road (North) at various locations. Rehabilitate drainage systems.	0X240 2023-24	R/W: \$630 Con: \$4,500	PA&ED: \$1,700 PS&E: \$1,600 R/W Sup: \$1,500 Con Sup: \$1,500	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 10/2/2023 RTL: 10/16/2023 Begin Con: 6/1/2024
			Subtotal: \$5,130	\$6,300		
New			Total Project Cost:	\$11,430		

Program 201.151 Drainage System Restoration
Project Output(s) 44 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,318.0	2,318.0	Linear feet
Post Condition	2,318.0	0.0	0.0	2,318.0	Linear feet

06-Kern-178 12.6/55.4 6925 0618000017	Near Bakersfield, from east of Miramonte Drive to Vista Grande Drive. Repair, replace, and/or clean culverts.	0X080 2021-22	R/W: \$20 Con: \$7,100	PA&ED: \$2,800 PS&E: \$900 R/W Sup: \$480 Con Sup: \$1,700	Prior 21-22 21-22 21-22	PA&ED: 10/29/2020 R/W Cert: 12/15/2021 RTL: 1/14/2022 Begin Con: 8/1/2022
			Subtotal: \$7,120	\$5,880		
Carryover			Total Project Cost:	\$13,000		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,296.0	4,296.0	Linear feet
Post Condition	4,296.0	0.0	0.0	4,296.0	Linear feet

V4.0 2020 SHOPP Project List
Kern
(\$1,000)



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

09-Kern- 2634 0916000032	In Tehachapi, at the Tehachapi Maintenance Station near Routes 58 and 202 at 320 West Tehachapi Boulevard. Construct a new Tehachapi Maintenance Station at existing or alternative site to replace the old, undersized facility that is in constant need of repairs.	36750 2021-22	R/W: \$1,001 Con: \$8,867	PA&ED: \$930 PS&E: \$2,630 R/W Sup: \$432 Con Sup: \$2,778	Prior 21-22 20-21 21-22	PA&ED: 6/4/2020 R/W Cert: 6/23/2022 RTL: 6/24/2022 Begin Con: 1/4/2023
<i>Carryover</i>			Subtotal: \$9,868	\$6,770		
			Total Project Cost:	\$16,638		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	704.0	4,400.0	5,104.0	Square feet
Post Condition	28,713.0	0.0	0.0	28,713.0	Square feet

Kern County

R/W:	\$24,561	PA&ED:	\$31,425
Const:	\$243,616	PS&E:	\$40,412
		R/W Sup:	\$17,275
		Con Sup:	\$48,822
Subtotal:	\$268,177		\$137,934
Total (Capital + Support):			\$406,111

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



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

06-Kings-41	Near Kettleman City, from 0.1 mile south to 0.2 mile north of Bernard Drive. Construct roundabout.	0X950	R/W: \$1,800	PA&ED: \$1,700	Prior	PA&ED: 9/29/2021
16.6/16.9		2023-24	Con: \$4,800	PS&E: \$2,200	21-22	R/W Cert: 7/14/2023
7031				R/W Sup: \$1,300	21-22	RTL: 8/4/2023
0619000078	(Additional \$1,700,000 from local contribution).			Con Sup: \$2,600	23-24	Begin Con: 3/29/2024
			Subtotal: \$6,600	\$7,800		
<i>Carryover</i>			Total Project Cost:	\$14,400		

Program 201.010 Safety Improvements
Project Output(s) 43 Collision(s) reduced

06-Kings-198	Near Hanford, from 0.4 mile east of 10th Avenue Overcrossing to 1.5 miles east of Route 43/198 Separation.	0U790	R/W: \$3	PA&ED: \$510	Prior	PA&ED: 5/4/2020
R19.4/22.5		2020-21	Con: \$3,790	PS&E: \$770	Prior	R/W Cert: 7/3/2020
6799				R/W Sup: \$35	Prior	RTL: 1/15/2021
0616000037	Upgrade gore areas, construct Maintenance Vehicle Pullouts (MVPs) and slope paving at bridges.			Con Sup: \$540	20-21	Begin Con: 7/15/2021
			Subtotal: \$3,793	\$1,855		
<i>Carryover</i>			Total Project Cost:	\$5,648		

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

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



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

06-Kings-41	In and near Stratford, from 22nd	0V110	R/W: \$120	PA&ED: \$2,300	Prior	PA&ED: 5/22/2020
30.6/33.0	Street to Laurel Avenue at the Kings	2021-22	Con: \$18,500	PS&E: \$2,700	Prior	R/W Cert: 9/1/2021
6873	River Bridge No. 45-0007. Replace 73			R/W Sup: \$400	Prior	RTL: 10/1/2021
0616000208	year old bridge due to extensive			Con Sup: \$4,100	21-22	Begin Con: 3/30/2022
	superstructure and substructure		Subtotal: \$18,620	\$9,500		
Carryover	distress and susceptibility to		Total Project Cost:	\$28,120		
	liquefaction.					

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,066.0	12,066.0	Square feet
Post Condition	12,066.0	0.0	0.0	12,066.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 45-0007 Poor Good

ROADWAY PRESERVATION

06-Kings-41	Near Stratford, from Nevada Avenue	0W820	R/W: \$170	PA&ED: \$1,800	20-21	PA&ED: 4/4/2022
28.4/R39.8	to Route 198. Rehabilitate	2023-24	Con: \$16,400	PS&E: \$1,800	21-22	R/W Cert: 10/30/2023
6935	pavement, replace signs, upgrade			R/W Sup: \$130	21-22	RTL: 12/6/2023
0617000304	guardrail, construct rumble strips,			Con Sup: \$3,100	23-24	Begin Con: 5/1/2024
	rehabilitate drainage systems, and		Subtotal: \$16,570	\$6,830		
New	upgrade facilities to Americans with		Total Project Cost:	\$23,400		
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.0	0.0	23.0	Lane mile(s)
Post Condition	23.0	0.0	0.0	23.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Kings
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kings-41 20.0/28.4 6928 0615000309	Near Kettleman City, from Quail Avenue to Nevada Avenue. Rehabilitate roadway, upgrade lighting and guardrail, replace signs, construct rumble strips, and install Transportation Management System (TMS) elements.	0U460 2022-23	R/W: \$90 Con: \$18,200	PA&ED: \$1,000 PS&E: \$1,900 R/W Sup: \$20 Con Sup: \$2,700	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 2/1/2023 RTL: 3/6/2023 Begin Con: 8/15/2023
New			Subtotal: \$18,290	\$5,620		
			Total Project Cost:	\$23,910		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 16.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.8	0.0	16.8	Lane mile(s)
Post Condition	16.8	0.0	0.0	16.8	Lane mile(s)

ROADSIDE PRESERVATION

06-Kings-198 R16.6/R21.5 6815 0617000010	In and near Hanford, from 0.3 mile west of 12th Avenue to 0.5 mile east of Route 43/198 Separation. Electrical upgrade of booster pumps, replace irrigation mainline, valves and valve wiring.	0V820 2020-21	R/W: \$7 Con: \$1,550	PA&ED: \$270 PS&E: \$590 R/W Sup: \$22 Con Sup: \$520	Prior Prior Prior 20-21	PA&ED: 5/4/2020 R/W Cert: 7/3/2020 RTL: 1/15/2021 Begin Con: 7/15/2021
Carryover			Subtotal: \$1,557	\$1,402		
			Total Project Cost:	\$2,959		

Program 201.210 Highway Planting Restoration
Project Output(s) 17.9 Acre(s)

Kings County

R/W:	\$2,190	PA&ED:	\$7,580
Const:	\$63,240	PS&E:	\$9,960
		R/W Sup:	\$1,907
		Con Sup:	\$13,560
Subtotal:	\$65,430		\$33,007
Total (Capital + Support):			\$98,437

V4.0 2020 SHOPP Project List
Lake
(\$1,000)



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

01-Lake-20	Near Upper Lake, from 0.6 mile west	0H840	R/W: \$560	PA&ED: \$1,986	Prior	PA&ED: 9/25/2020
2.0/2.8	of Irvine Avenue to 0.1 mile east of	2021-22	Con: \$15,214	PS&E: \$2,373	20-21	R/W Cert: 3/19/2022
3123	Mid Lake Road. Improve curves and			R/W Sup: \$401	Prior	RTL: 3/20/2022
0118000117	widen shoulders.			Con Sup: \$4,395	21-22	Begin Con: 7/7/2022
			Subtotal: \$15,774	\$9,155		
<i>Carryover</i>			Total Project Cost:	\$24,929		

Program 201.010 Safety Improvements
Project Output(s) 36 Collision(s) reduced

01-Lake-29	Near Kelseyville, from Kelsey Creek	0H880	R/W: \$125	PA&ED: \$1,430	Prior	PA&ED: 3/15/2021
R34.9/R35.2	Bridge to north of Kelsy Creek Road.	2021-22	Con: \$2,875	PS&E: \$1,093	20-21	R/W Cert: 5/18/2022
3126	Construct left turn lane.			R/W Sup: \$322	20-21	RTL: 5/20/2022
0118000122				Con Sup: \$1,245	21-22	Begin Con: 8/30/2022
			Subtotal: \$3,000	\$4,090		
<i>Carryover</i>			Total Project Cost:	\$7,090		

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

V4.0 2020 SHOPP Project List
Lake
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Lake-175 0.2/0.4 3118 0117000226	Near Hopland, from 0.2 mile east to 0.4 mile east of Mendocino County line. Curve realignment and shoulder widening.	0H460 2021-22	R/W: \$7 Con: \$2,879	PA&ED: \$510 PS&E: \$1,256 R/W Sup: \$143 Con Sup: \$975	Prior Prior Prior 21-22	PA&ED: 1/6/2020 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 12/22/2021
<i>Carryover</i>			Subtotal: \$2,886	\$2,884		
			Total Project Cost:	\$5,770		

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

BRIDGE PRESERVATION

01-Lake-29 50.8 3130 0118000172	Near Upper Lake, at Robinson Creek Bridge No. 14-0030 (PM 50.82); also on Route 175 at Kelsey Creek Bridge No. 14-0044 (PM 19.48); also on Route 20 at Morrison Creek Bridge No. 14-0004 (PM 16.81). Widen bridge and upgrade bridge rails at Robinson Creek Bridge and Morrison Creek Bridge, and replace existing Kelsey Creek Bridge.	0E081 2020-21	R/W: \$833 Con: \$5,665	PA&ED: \$200 PS&E: \$1,882 R/W Sup: \$223 Con Sup: \$2,030	Prior Prior Prior 20-21	PA&ED: 6/15/2020 R/W Cert: 4/21/2021 RTL: 5/7/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$6,498	\$4,335		
			Total Project Cost:	\$10,833		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 346.0 Linear feet
3 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	136.0	142.0	278.0	Linear feet rail
Post Condition	346.0	0.0	0.0	346.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 14-0004	Good	Good
Bridge No. 14-0030	Fair	Good
Bridge No. 14-0044	Good	Good

V4.0 2020 SHOPP Project List
Lake
(\$1,000)



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

01-Lake-29	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 improve traffic monitoring and data transmission.	0E830	R/W: \$30	PA&ED: \$587	Prior	PA&ED: 1/2/2020
7017		2020-21	Con: \$2,087	PS&E: \$852	Prior	R/W Cert: 12/15/2020
0115000034				R/W Sup: \$50	Prior	RTL: 1/4/2021
Carryover				Con Sup: \$1,021	20-21	Begin Con: 5/19/2021
			Subtotal: \$2,117	\$2,510		
			Total Project Cost:	\$4,627		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	3	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

01-Lake-53	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	R/W: \$39	PA&ED: \$618	Prior	PA&ED: 1/2/2020
3104		2020-21	Con: \$2,123	PS&E: \$844	Prior	R/W Cert: 12/15/2020
0115000033				R/W Sup: \$186	Prior	RTL: 1/4/2021
Carryover				Con Sup: \$1,073	20-21	Begin Con: 5/19/2021
			Subtotal: \$2,162	\$2,721		
			Total Project Cost:	\$4,883		

Program 201.315 Transportation Management Systems
Project Output(s) 30 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition				0	Field element(s)
Post Condition				0	Field element(s)

Lake County

R/W:	\$1,594	PA&ED:	\$5,331
Const:	\$30,843	PS&E:	\$8,300
		R/W Sup:	\$1,325
		Con Sup:	\$10,739
Subtotal:	\$32,437		\$25,695
Total (Capital + Support):			\$58,132

V4.0 2022 SHOPP Project List
Lassen
 (\$1,000)



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

02-Lassen-44 0.0/37.2 3706 0218000038	Near Susanville, from Shasta County line to Plumas County line. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, and pave Maintenance Vehicle Pullouts (MVPs).	3H820 2022-23	R/W: \$209 Con: \$36,940	PA&ED: \$850 PS&E: \$1,010 R/W Sup: \$130 Con Sup: \$1,730	20-21 21-22 21-22 22-23	PA&ED: 1/10/2022 R/W Cert: 12/23/2022 RTL: 1/25/2023 Begin Con: 6/20/2023
New			Subtotal: \$37,149	\$3,720		
			Total Project Cost:	\$40,869		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 75.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	75.5	0.0	75.5	Lane mile(s)
Post Condition	75.5	0.0	0.0	75.5	Lane mile(s)

02-Lassen-139 0.7/11.0 3718 0218000074	Near Susanville, from north of Chestnut Street to 2.7 miles south of Horse Lake Road. Rehabilitate pavement, upgrade guardrail and concrete barrier, pave Maintenance Vehicle Pullouts (MVPs) and chain area, rehabilitate drainage systems, and upgrade facilities to meet Americans with Disabilities Act (ADA) standards.	4H070 2023-24	R/W: \$132 Con: \$12,140	PA&ED: \$1,120 PS&E: \$1,150 R/W Sup: \$60 Con Sup: \$1,020	20-21 22-23 22-23 23-24	PA&ED: 11/16/2022 R/W Cert: 2/16/2024 RTL: 4/12/2024 Begin Con: 8/16/2024
New			Subtotal: \$12,272	\$3,350		
			Total Project Cost:	\$15,622		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	7.8	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

Lassen County

R/W:	\$341	PA&ED:	\$1,970
Const:	\$49,080	PS&E:	\$2,160
		R/W Sup:	\$190
		Con Sup:	\$2,750

Subtotal: \$49,421 \$7,070
Total (Capital + Support): \$56,491

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



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

07-Los Angeles-1 8.7 5323 0718000034	In Los Angeles County, near Carson at Texaco Railroad Overhead Bridge No. 53-2152. Construct soldier pile retaining walls to replace existing deteriorated crib walls.	34380 2021-22	R/W: \$1,252 Con: \$6,348	PA&ED: \$683 PS&E: \$2,322 R/W Sup: \$1,164 Con Sup: \$3,022	Prior Prior Prior 21-22	PA&ED: 7/30/2020 R/W Cert: 1/28/2022 RTL: 3/30/2022 Begin Con: 9/30/2022
			Subtotal: \$7,600	\$7,191		
<i>Carryover</i>			Total Project Cost:	\$14,791		

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

07-Los Angeles-1 42.5 5059 0716000335	In Malibu, south of Big Rock Drive. Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament.	4X970 2021-22	R/W: \$4,900 Con: \$3,300	PA&ED: \$1,600 PS&E: \$2,400 R/W Sup: \$950 Con Sup: \$2,750	Prior Prior Prior 21-22	PA&ED: 11/30/2020 R/W Cert: 11/5/2021 RTL: 12/31/2021 Begin Con: 8/1/2022
			Subtotal: \$8,200	\$7,700		
<i>Carryover</i>			Total Project Cost:	\$15,900		

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R27.0/R28.1 5293 0717000331	In Santa Clarita, from north of Newhall Avenue to Placerita Canyon Road. Permanent restoration of sideslope storm damage by constructing three catchment walls to stabilize slopes and prevent material from falling onto the roadway.	34280 2021-22	R/W: \$410 Con: \$21,388	PA&ED: \$1,870 PS&E: \$4,222 R/W Sup: \$3,543 Con Sup: \$4,900	Prior Prior Prior 21-22	PA&ED: 11/27/2019 R/W Cert: 12/28/2021 RTL: 12/28/2021 Begin Con: 8/30/2022
<i>Carryover</i>			Subtotal: \$21,798 Total Project Cost:	\$14,535 \$36,333		

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

07-Los Angeles-27 1.0/1.2 5291 0717000323	Near Malibu, from 1.0 to 1.1 miles north of Pacific Coast Highway (Route 1). Stabilize slope damaged by storms to prevent falling rocks from blocking the road or injuring motorists.	34260 2021-22	R/W: \$4,103 Con: \$23,568	PA&ED: \$1,760 PS&E: \$5,318 R/W Sup: \$430 Con Sup: \$8,521	Prior 21-22 20-21 21-22	PA&ED: 10/7/2020 R/W Cert: 2/10/2022 RTL: 3/11/2022 Begin Con: 9/23/2022
<i>Carryover</i>			Subtotal: \$27,671 Total Project Cost:	\$16,029 \$43,700		

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 23.1 5485 0718000272	In the city of Los Angeles, at Third Street Overcrossing Bridge No. 53 -0684. Replace bridge railing with concrete barriers and upgrade lighting.	35330 2021-22	R/W: \$18 Con: \$4,547	PA&ED: \$822 PS&E: \$2,085 R/W Sup: \$12 Con Sup: \$1,630	Prior Prior Prior 21-22	PA&ED: 4/3/2020 R/W Cert: 10/1/2021 RTL: 11/3/2021 Begin Con: 10/28/2022
<i>Carryover</i>			Subtotal: \$4,565 Total Project Cost:	\$4,549 \$9,114		

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

07-Los Angeles-405 48.0/48.5 5296 0718000008	In the city of Los Angeles (Granada Hills, Mission Hills, Sylmar), from Rinaldi Street to Route 5. Permanent restoration of eroded roadway cutslopes, modification of drainage systems, and placement of erosion control measures.	34320 2020-21	R/W: \$10 Con: \$14,357	PA&ED: \$1,579 PS&E: \$2,297 R/W Sup: \$430 Con Sup: \$5,025	Prior Prior Prior 20-21	PA&ED: 3/13/2020 R/W Cert: 1/19/2021 RTL: 3/18/2021 Begin Con: 10/21/2021
<i>Carryover</i>			Subtotal: \$14,367 Total Project Cost:	\$9,331 \$23,698		

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



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

07-Los Angeles-1 4.7/6.6 5434 0718000212	In Long Beach, from Stanley Avenue to Cedar Avenue. Upgrade traffic signals, install protected left turn phases, install pedestrian push buttons and pedestrian signals, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards to improve pedestrian and bicycle safety.	35200 2021-22	R/W:	\$786	PA&ED:	\$521	Prior	PA&ED: 10/31/2019 R/W Cert: 1/3/2022 RTL: 1/31/2022 Begin Con: 9/1/2022
			Con:	\$3,845	PS&E:	\$1,773	Prior	
				R/W Sup:	\$997	Prior		
				Con Sup:	\$1,597	21-22		
			Subtotal:	\$4,631		\$4,888		
			Total Project Cost:			\$9,519		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

07-Los Angeles-5 17.9/18.0 5433 0718000205	In the city of Los Angeles, at Cesar Chavez Avenue. Upgrade traffic signal, Americans with Disabilities Act (ADA) curb ramps, and install flashing beacons.	35180 2020-21	R/W:	\$134	PA&ED:	\$442	Prior	PA&ED: 8/30/2019 R/W Cert: 5/28/2021 RTL: 6/30/2021 Begin Con: 3/2/2022
			Con:	\$1,312	PS&E:	\$975	Prior	
				R/W Sup:	\$64	Prior		
				Con Sup:	\$760	20-21		
			Subtotal:	\$1,446		\$2,241		
			Total Project Cost:			\$3,687		

Program 201.010 Safety Improvements
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 25.8/30.6 5083 0716000231	In the city of Los Angeles and South Pasadena, between Figueroa Street and Orange Grove Avenue. Convert outside lane to a dynamic lane/shoulder that can switch between the two depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC).	33150 2020-21	R/W: \$4,982 Con: \$25,284	PA&ED: \$2,835 PS&E: \$3,735 R/W Sup: \$1,318 Con Sup: \$5,390	Prior Prior Prior 20-21	PA&ED: 12/6/2020 R/W Cert: 5/1/2021 RTL: 6/30/2021 Begin Con: 1/16/2022
Carryover			Subtotal: \$30,266 Total Project Cost:	\$13,278 \$43,544		
			<i>SBI Baseline Agreement Required</i>			
			Program	201.010 Safety Improvements		
			Project Output(s)	504 Collision(s) reduced		
07-Los Angeles-138 43.8 5435 0718000213	In Palmdale, at the intersection of 2nd Street East. Install new traffic signal, install pedestrian signal heads with countdown and Audible Pedestrian Signals (APS), install marked crosswalks, and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	35210 2021-22	R/W: \$118 Con: \$975	PA&ED: \$496 PS&E: \$987 R/W Sup: \$152 Con Sup: \$1,074	Prior Prior Prior 21-22	PA&ED: 9/13/2019 R/W Cert: 1/28/2022 RTL: 2/28/2022 Begin Con: 10/14/2022
Carryover			Subtotal: \$1,093 Total Project Cost:	\$2,709 \$3,802		
			Program	201.010 Safety Improvements		
			Project Output(s)	5 Collision(s) reduced		

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-170 R16.6/R19.6 5572 0719000165	In the city of Los Angeles, from Oxnard Street to south of Roscoe Boulevard. Place High Friction Surface Treatment (HFST).	35880 2021-22	R/W: \$10 Con: \$758	PA&ED: \$433 PS&E: \$706 R/W Sup: \$21 Con Sup: \$729	Prior 21-22 21-22 21-22	PA&ED: 5/1/2020 R/W Cert: 8/5/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
<i>Carryover</i>			Subtotal: \$768	\$1,889		
			Total Project Cost:	\$2,657		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

07-Los Angeles-Var 4969 0716000022	In Los Angeles and Ventura Counties, on various routes and locations. Upgrade and install new curve warning signs.	31930 2020-21	R/W: \$10 Con: \$2,090	PA&ED: \$594 PS&E: \$1,571 R/W Sup: \$12 Con Sup: \$878	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$2,100	\$3,055		
			Total Project Cost:	\$5,155		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 26.7/79.2 5151 0716000270	In Los Angeles County, in Angeles National Forest, from 0.3 mile east of Bay Tree Road to 0.7 mile west of Big Pines Highway at various locations.	33250 2020-21	R/W: \$28 Con: \$17,900	PA&ED: \$1,020 PS&E: \$2,670 R/W Sup: \$20 Con Sup: \$2,600	Prior Prior Prior 20-21	PA&ED: 6/19/2019 R/W Cert: 4/13/2021 RTL: 5/13/2021 Begin Con: 12/10/2021
Carryover	Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best Management Practices (BMPs).		Subtotal: \$17,928 Total Project Cost:	\$6,310 \$24,238		

Program 201.015 Collision Severity Reduction
Project Output(s) 24 Collision(s) reduced

07-Los Angeles-10 21.6/31.0 5077 0716000213	In the cities of Monterey Park, Rosemead, and El Monte, from 0.7 mile west of South Fremont Avenue Undercrossing (UC) to 0.5 mile east of Durfee Avenue UC. Upgrade twenty-seven overhead sign posts, associated pedestals, and concrete barriers to current standards to reduce the potential snagging for out of control vehicles.	33030 2021-22	R/W: \$200 Con: \$4,046	PA&ED: \$635 PS&E: \$1,820 R/W Sup: \$531 Con Sup: \$1,945	Prior Prior Prior 21-22	PA&ED: 1/17/2020 R/W Cert: 9/10/2021 RTL: 11/5/2021 Begin Con: 7/8/2022
Carryover			Subtotal: \$4,246 Total Project Cost:	\$4,931 \$9,177		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-39 32.2/38.4 5046 0716000132	Near Azusa, from 0.9 mile north of North Fork San Gabriel Bridge No. 53 -2245 to 0.2 mile north of Crystal Lake Road (PM T32.1 to 38.4). Upgrade guardrail and end treatments to current standards.	32760 2020-21	R/W: \$20 Con: \$4,190	PA&ED: \$486 PS&E: \$1,893 R/W Sup: \$10 Con Sup: \$1,284	Prior Prior 20-21 20-21	PA&ED: 10/31/2019 R/W Cert: 1/8/2021 RTL: 2/5/2021 Begin Con: 10/8/2021
Carryover			Subtotal: \$4,210 Total Project Cost:	\$3,673 \$7,883		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

07-Los Angeles-91 6.3/18.1 4968 0716000020	In the cities of Compton, Paramount and Bellflower; also on Route 105 (PM R0.50/R18.14), Route 110 (PM 1.23/R11.89) and Route 405 (PM 0.27/28.51). Construct shoulder rumble strips ground-in indentations where right shoulder is less than four feet.	31920 2020-21	R/W: \$10 Con: \$2,300	PA&ED: \$156 PS&E: \$400 R/W Sup: \$30 Con Sup: \$550	Prior Prior Prior 20-21	PA&ED: 6/21/2019 R/W Cert: 11/2/2020 RTL: 12/1/2020 Begin Con: 7/30/2021
Carryover			Subtotal: \$2,310 Total Project Cost:	\$1,136 \$3,446		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-105 R4.3/R5.0 5534 0719000064	In Inglewood and Hawthorne, from East of Yukon Avenue to east of Crenshaw Boulevard. Apply High Friction Surface Treatment (HFST), upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35700 2022-23	R/W: \$37 Con: \$4,358	PA&ED: \$506 PS&E: \$1,629 R/W Sup: \$24 Con Sup: \$1,498	20-21 20-21 21-22 22-23	PA&ED: 12/1/2020 R/W Cert: 11/1/2022 RTL: 1/3/2023 Begin Con: 11/1/2023
New			Subtotal: \$4,395 Total Project Cost:	\$3,657 \$8,052		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

07-Los Angeles-5 39.4/R44.4 4975 0716000028	In the city of Los Angeles, near San Fernando and Sylmar, from Route 118 to Balboa Boulevard. Construct Maintenance Vehicle Pullouts (MVPs), access roads and gates, relocate irrigation facilities, upgrade electrical pull boxes, pave slopes, narrow areas, beyond gore and under guardrail.	31990 2020-21	R/W: \$31 Con: \$3,100	PA&ED: \$495 PS&E: \$1,322 R/W Sup: \$16 Con Sup: \$1,295	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 1/8/2021 RTL: 2/8/2021 Begin Con: 10/4/2021
Carryover			Subtotal: \$3,131 Total Project Cost:	\$3,128 \$6,259		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 128 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-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 areas, cable mesh drapery systems and install sign post sleeves beyond gore.	32000 2020-21	R/W: \$19 Con: \$3,063	PA&ED: \$459 PS&E: \$1,047 R/W Sup: \$55 Con Sup: \$954	Prior Prior Prior 20-21	PA&ED: 10/31/2019 R/W Cert: 10/1/2020 RTL: 12/15/2020 Begin Con: 8/13/2021
Carryover			Subtotal: \$3,082 Total Project Cost:	\$2,515 \$5,597		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 72 Location(s)

07-Los Angeles-57 R0.0/5.5 5023 0716000078	In and near Diamond Bar, from Orange County line to 0.1 mile west of Hospital Overcrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas and construct biofiltration swales.	32480 2021-22	R/W: \$15 Con: \$2,885	PA&ED: \$183 PS&E: \$585 R/W Sup: \$22 Con Sup: \$666	Prior Prior 21-22 21-22	PA&ED: 8/30/2019 R/W Cert: 9/22/2021 RTL: 10/21/2021 Begin Con: 1/29/2021
Carryover			Subtotal: \$2,900 Total Project Cost:	\$1,456 \$4,356		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 23 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 R6.2/R9.2 5072 0716000203	In the city of Los Angeles, from Wilton Place Overcrossing (OC) to Barham Boulevard OC. Place minor concrete at narrow paving areas and slopes, pave areas beyond gore, replace fencing and gates, install sign post sleeves and construct Maintenance Vehicle Pullouts (MVPs).	32960 2021-22	R/W: \$15 Con: \$3,185	PA&ED: \$518 PS&E: \$1,520 R/W Sup: \$20 Con Sup: \$1,465	Prior 20-21 20-21 21-22	PA&ED: 8/21/2020 R/W Cert: 10/27/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
Carryover			Subtotal: \$3,200	\$3,523		
			Total Project Cost:	\$6,723		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 142 Location(s)

07-Los Angeles-101 11.0/23.5 5363 0718000070	In the city of Los Angeles, from south of Vineland Avenue to north of Winnetka Avenue. Enhance highway worker safety by paving areas beyond the gore, constructing Maintenance Vehicle Pullouts (MVPs), installing gates and fences, relocating controller cabinets, and installing cable railing.	34600 2023-24	R/W: \$121 Con: \$3,741	PA&ED: \$844 PS&E: \$1,806 R/W Sup: \$36 Con Sup: \$1,648	20-21 21-22 21-22 23-24	PA&ED: 9/20/2021 R/W Cert: 5/16/2023 RTL: 7/14/2023 Begin Con: 3/11/2024
New			Subtotal: \$3,862	\$4,334		
			Total Project Cost:	\$8,196		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 122 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 3.5/6.0 5214 0716000401	In and near Carson, from West Anaheim Street to E 228th Street. Construct Maintenance Vehicle Pullouts (MVPs), rock blankets, access roads fences/gates, stairways to access slopes, relocate controller cabinets and signs.	33650 2021-22	R/W: \$42 Con: \$2,128	PA&ED: \$730 PS&E: \$1,701 R/W Sup: \$46 Con Sup: \$1,129	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/15/2021 RTL: 7/30/2021 Begin Con: 5/13/2022
Carryover			Subtotal: \$2,170	\$3,606		
			Total Project Cost:	\$5,776		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 38 Location(s)

07-Los Angeles-110 20.0/23.6 4973 0716000026	In the city of Los Angeles, from Exposition Boulevard to Temple Street. Pave beyond gore, slope paving under structures, construct Maintenance Vehicle Pullouts (MVPs), upgrade end treatment to Smart cushion crash attenuator and place vegetation control under guardrail.	31970 2020-21	R/W: \$9 Con: \$2,427	PA&ED: \$512 PS&E: \$1,460 R/W Sup: \$93 Con Sup: \$964	Prior Prior Prior 20-21	PA&ED: 12/24/2019 R/W Cert: 1/26/2021 RTL: 3/1/2021 Begin Con: 12/22/2021
Carryover			Subtotal: \$2,436	\$3,029		
			Total Project Cost:	\$5,465		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 76 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R4.5/R9.1 5216 0717000014	In the cities of Granada Hills and Porter Ranch, from 700 feet west of Tampa Avenue to Woodley Avenue. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore, repave side slopes, relocate irrigation controller, and provide access gates.	33680 2021-22	R/W: \$163 Con: \$2,669	PA&ED: \$659 PS&E: \$1,677 R/W Sup: \$53 Con Sup: \$1,513	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$2,832 Total Project Cost:	\$3,902 \$6,734		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 30 Location(s)

07-Los Angeles-170 R14.5/R16.6 5073 0716000204	In the cities of Los Angeles and North Hollywood, from 170/134 Junction to Oxnard Street Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), access trail, minor concrete beyond gore and along ramps, rock blanket at ramps, install fencing and gates, vandal resistant pedestrian undercrossing enclosures.	32970 2021-22	R/W: \$41 Con: \$3,262	PA&ED: \$526 PS&E: \$1,313 R/W Sup: \$34 Con Sup: \$1,025	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$3,303 Total Project Cost:	\$2,898 \$6,201		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 84 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.0/12.9 5000 0716000052	In Long Beach and Carson, from east of the Route 710/405 Interchange to Route 110/405 Interchange. Construct access roads, pave around gore areas, construct Maintenance Vehicle Pullouts (MVPs), minor/patterned concrete paving on slopes, upgrade guardrail and end treatment, vegetation management control.	32180 2021-22	R/W: \$411 Con: \$2,912	PA&ED: \$440 PS&E: \$1,586 R/W Sup: \$37 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 7/14/2021 RTL: 9/3/2021 Begin Con: 1/7/2022
Carryover			Subtotal: \$3,323 Total Project Cost:	\$3,363 \$6,686		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	35 Location(s)
07-Los Angeles-405 12.9/R21.5 5227 0717000063	In various cities, from 405/110 Junction to north of 405/105 Junction. Construct Maintenance Vehicle Pullouts (MVPs), access road, rock blanket at islands and between ramps and upgrade irrigation systems.	33870 2021-22	R/W: \$29 Con: \$3,806	PA&ED: \$522 PS&E: \$1,420 R/W Sup: \$102 Con Sup: \$1,311	Prior 20-21 20-21 21-22	PA&ED: 8/30/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 4/1/2022
Carryover			Subtotal: \$3,835 Total Project Cost:	\$3,355 \$7,190		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	61 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R4.3 5229 0717000074	In and near Lakewood, from Los Angeles County line to 183rd Street. Construct Maintenance Vehicle Pullouts (MVPs), anchor assemblies for sign post sleeves, access roads, cable railing, and gates.	33890 2021-22	R/W: \$20 Con: \$1,794	PA&ED: \$498 PS&E: \$1,219 R/W Sup: \$42 Con Sup: \$926	Prior 20-21 20-21 21-22	PA&ED: 12/2/2020 R/W Cert: 12/27/2021 RTL: 1/26/2022 Begin Con: 9/28/2022
Carryover			Subtotal: \$1,814	\$2,685		
			Total Project Cost:	\$4,499		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 46 Location(s)

07-Los Angeles-710 6.0/14.1 5404 0718000167	In Long Beach and Compton, from Shoreline Drive to north of Alondra Boulevard. Enhance highway worker safety by constructing Maintenance Vehicle Pullouts (MVPs), upgrading guardrail and end treatments, paving beyond the gore, installing erosion control, and replacing pull boxes.	34990 2023-24	R/W: \$75 Con: \$4,160	PA&ED: \$716 PS&E: \$1,864 R/W Sup: \$91 Con Sup: \$2,064	20-21 21-22 21-22 23-24	PA&ED: 7/15/2021 R/W Cert: 11/15/2023 RTL: 12/28/2023 Begin Con: 8/28/2024
New			Subtotal: \$4,235	\$4,735		
			Total Project Cost:	\$8,970		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 58 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 R15.1/21.9 5078 0716000214	In the cities of South Gate, Bell Gardens and Commerce, from 800 feet north of Rosecrans Avenue to Atlantic Boulevard. Construct Maintenance Vehicle Pullouts (MVPs),	33050 2021-22	R/W: \$10 Con: \$2,368	PA&ED: \$613 PS&E: \$1,578 R/W Sup: \$12 Con Sup: \$1,253	Prior Prior Prior 21-22	PA&ED: 8/30/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 4/29/2022
Carryover	pave narrow and gore areas, install fences/gates.		Subtotal: \$2,378	\$3,456		
			Total Project Cost:	\$5,834		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 36 Location(s)

MANDATES

07-Los Angeles-5 23.2/36.3 5321 0718000046	In the cities of Los Angeles, Glendale, and Burbank, from north of Fletcher Drive to Route 170. Construct stormwater Best Management Practices (BMPs).	34420 2022-23	R/W: \$315 Con: \$3,978	PA&ED: \$1,934 PS&E: \$2,503 R/W Sup: \$236 Con Sup: \$2,358	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 12/30/2022 RTL: 1/31/2023 Begin Con: 12/29/2023
New			Subtotal: \$4,293	\$7,031		
			Total Project Cost:	\$11,324		

Program 201.335 Storm Water Mitigation
Project Output(s) 32.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 36.0 5377 071800097 New	In the city of Los Angeles, near Sun Valley, at the Fernangeles Recreation Center. Financial Contribution Only (FCO) to Los Angeles Department of Water and Power (LADWP) to install an underground infiltration gallery to treat stormwater runoff.	34740 2022-23	R/W: Con: \$17,070	PA&ED: \$151 PS&E: \$180 R/W Sup: \$15 Con Sup: \$556	22-23 22-23 22-23 22-23	PA&ED: 8/1/2022 R/W Cert: 5/12/2023 RTL: 6/15/2023 Begin Con: 7/30/2024
			Subtotal: \$17,070	\$902		
			Total Project Cost:	\$17,972		

Program 201.335 Storm Water Mitigation
Project Output(s) 181.0 Acre(s) treated/pollutant

07-Los Angeles-10 R4.5/R5.6 5091 0716000254 Carryover	In the city of Los Angeles, from Bundy Drive Undercrossing (UC) to Sepulveda Boulevard UC; also on Route 405 from Olympic Boulevard to National Boulevard UC (PM 29.1/30.8). Install irrigation system and plant vegetation to stabilize soil.	33200 2021-22	R/W: \$10 Con: \$1,281	PA&ED: \$497 PS&E: \$1,054 R/W Sup: \$16 Con Sup: \$1,028	Prior Prior Prior 21-22	PA&ED: 3/6/2020 R/W Cert: 10/8/2021 RTL: 11/5/2021 Begin Con: 8/5/2022
			Subtotal: \$1,291	\$2,595		
			Total Project Cost:	\$3,886		

Program 201.335 Storm Water Mitigation
Project Output(s) 38.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 46.0/48.0 4971 0716000024	In Claremont and Pomona, from east of 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). Construct permanent treatment Best Management Practices (BMPs).	31950 2020-21	R/W: \$94 Con: \$10,200	PA&ED: \$2,100 PS&E: \$2,100 R/W Sup: \$200 Con Sup: \$3,400	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 12/31/2020 RTL: 3/1/2021 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$10,294	\$7,800		
			Total Project Cost:	\$18,094		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.8 Acre(s) treated/pollutant

07-Los Angeles-60 11.0/20.0 4980 0716000040	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street. Construct and install stormwater quality Best Management Practices (BMPs).	32040 2020-21	R/W: \$102 Con: \$10,168	PA&ED: \$1,407 PS&E: \$2,999 R/W Sup: \$28 Con Sup: \$2,064	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/14/2021 RTL: 3/1/2021 Begin Con: 10/8/2021
<i>Carryover</i>			Subtotal: \$10,270	\$6,498		
			Total Project Cost:	\$16,768		

Program 201.335 Storm Water Mitigation
Project Output(s) 52.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-60 20.0/R26.0 5025 0716000080	In and near Diamond Bar, from Fullerton Road to Diamond Bar Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	32500 2020-21	R/W: \$28 Con: \$5,215	PA&ED: \$1,035 PS&E: \$2,094 R/W Sup: \$27 Con Sup: \$2,188	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 8/28/2020 RTL: 9/30/2020 Begin Con: 4/30/2021
<i>Carryover</i>			Subtotal: \$5,243	\$5,344		
			Total Project Cost:	\$10,587		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.4 Acre(s) treated/pollutant

07-Los Angeles-60 R28.0/R30.4 5011 0716000063	In and near Pomona, from Phillips Ranch Road to Reservoir Street. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin and media filters.	32330 2020-21	R/W: \$15 Con: \$6,078	PA&ED: \$1,200 PS&E: \$2,865 R/W Sup: \$90 Con Sup: \$2,380	Prior 20-21 20-21 20-21	PA&ED: 3/13/2020 R/W Cert: 1/15/2021 RTL: 2/18/2021 Begin Con: 8/13/2021
<i>Carryover</i>			Subtotal: \$6,093	\$6,535		
			Total Project Cost:	\$12,628		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-101 S0.0/1.5 4977 0716000030	In the city of Los Angeles, from Routes 5/10/60/101 Interchange to Figueroa Street. Plant vegetation an install supporting irrigation system to stabilize soil.	32010 2021-22	R/W: \$30 Con: \$2,650	PA&ED: \$420 PS&E: \$1,010 R/W Sup: \$50 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 2/22/2022 RTL: 3/28/2022 Begin Con: 9/9/2022
Carryover			Subtotal: \$2,680	\$2,480		
			Total Project Cost:	\$5,160		

Program 201.335 Storm Water Mitigation
Project Output(s) 19.5 Acre(s) treated/pollutant

07-Los Angeles-118 R1.5/R10.2 5027 0716000083	In the cities of Granada Hills and Porter Ranch, from Topango Canyon Boulevard to Sepulveda Boulevard. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, detention basin, media filters and a Gross Solids Removal Devices (GSRDs).	32530 2020-21	R/W: \$55 Con: \$7,945	PA&ED: \$1,600 PS&E: \$3,300 R/W Sup: \$170 Con Sup: \$3,300	Prior Prior Prior 20-21	PA&ED: 8/30/2019 R/W Cert: 1/25/2021 RTL: 3/1/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$8,000	\$8,370		
			Total Project Cost:	\$16,370		

Program 201.335 Storm Water Mitigation
Project Output(s) 25.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-118 R11.0/R14.0 5001 0716000053	In the city of Los Angeles, from Arleta Avenue to Route 210. Construct stormwater treatment Best Management Practices (BMPs).	32200 2021-22	R/W: \$300 Con: \$11,750	PA&ED: \$2,000 PS&E: \$4,000 R/W Sup: \$250 Con Sup: \$3,500	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 11/15/2021 RTL: 12/10/2021 Begin Con: 6/24/2022
<i>Carryover</i>			Subtotal: \$12,050	\$9,750		
			Total Project Cost:	\$21,800		

Program 201.335 Storm Water Mitigation
Project Output(s) 20.0 Acre(s) treated/pollutant

07-Los Angeles-210 R33.7/R39.8 4705 0714000033	In the cities of Monrovia, Duarte, Irwindale and Azusa, from Myrtle Avenue to Azusa Avenue. Stabilize soil and erosion control.	30170 2021-22	R/W: \$88 Con: \$3,976	PA&ED: \$144 PS&E: \$1,175 R/W Sup: \$30 Con Sup: \$1,144	Prior Prior Prior 21-22	PA&ED: 6/27/2018 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$4,064	\$2,493		
			Total Project Cost:	\$6,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.3 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R36.0/R40.6 5009 0716000061	In and near Azusa, from 0.1 mile east of Highland Avenue Undercrossing to S. Citrus Avenue Overcrossing. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales and Austin Vault Sand Filters.	32310 2021-22	R/W: \$37 Con: \$10,045	PA&ED: \$1,890 PS&E: \$2,836 R/W Sup: \$189 Con Sup: \$3,098	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 8/5/2021 RTL: 9/30/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$10,082	\$8,013		
			Total Project Cost:			\$18,095

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

07-Los Angeles-210 R41.3/R44.6 5005 0716000057	In Glendora, at various locations from 0.2 mile east of S. Barranca Avenue Overcrossing to 0.1 mile west of Amelia Avenue Undercrossing. Construct and install various stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips/trenches, infiltration basins and vault sand filters.	32260 2021-22	R/W: \$61 Con: \$7,149	PA&ED: \$1,575 PS&E: \$2,729 R/W Sup: \$242 Con Sup: \$2,730	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 9/3/2021 RTL: 10/29/2021 Begin Con: 5/16/2022
<i>Carryover</i>			Subtotal: \$7,210	\$7,276		
			Total Project Cost:			\$14,486

Program 201.335 Storm Water Mitigation
Project Output(s) 42.2 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R44.7/R52.1 5068 0716000178	In and near La Verne, at various locations from 0.4 mile east of S Lone Hill Avenue Undercrossing to 0.2 mile west of Base Line Road Overcrossing.	32850 2021-22	R/W: \$69 Con: \$6,147	PA&ED: \$1,900 PS&E: \$2,601 R/W Sup: \$160 Con Sup: \$2,600	Prior Prior Prior 21-22	PA&ED: 1/30/2020 R/W Cert: 7/2/2021 RTL: 8/30/2021 Begin Con: 3/15/2022
<i>Carryover</i>	Construct stormwater treatment Best Management Practices (BMPs) including Gross Solids Removal Devices (GSRDs), biofiltration swales/strips and infiltration trenches.		Subtotal: \$6,216	\$7,261		
			Total Project Cost:	\$13,477		

Program 201.335 Storm Water Mitigation
Project Output(s) 40.5 Acre(s) treated/pollutant

07-Los Angeles-405 40.1/48.1 4978 0716000031	In the city of Los Angeles, near Van Nuys, from 0.2 mile south of Burbank Boulevard to 0.5 mile south of Route 5. Plant vegetation, install irrigation, minor concrete paving, and slope paving.	32020 2020-21	R/W: \$48 Con: \$4,318	PA&ED: \$610 PS&E: \$1,590 R/W Sup: \$50 Con Sup: \$1,320	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$4,366	\$3,570		
			Total Project Cost:	\$7,936		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.5 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R0.0/R9.6 4997 0716000048	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower and Norwalk, from Orange County line to Route 5. Construct stormwater treatment Best Management Practices (BMPs)	32150 2021-22	R/W: \$20 Con: \$15,050	PA&ED: \$1,450 PS&E: \$3,255 R/W Sup: \$25 Con Sup: \$3,556	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 12/30/2021 RTL: 2/1/2022 Begin Con: 8/31/2022
<i>Carryover</i>	including biofiltration swales/strips, detention basin, Maintenance Vehicle Pullouts (MVPs) and install infiltration devices.		Subtotal: \$15,070 Total Project Cost:	\$8,286 \$23,356		

Program 201.335 Storm Water Mitigation
Project Output(s) 70.6 Acre(s) treated/pollutant

07-Los Angeles-605 R9.6/R15.7 5212 0716000393	In and near Santa Fe Springs, from Santa Ana Freeway Undercrossing to 0.1 mile north of Rose Hills Road Overcrossing. Install stormwater treatment Best Management Practices (BMPs).	33610 2021-22	R/W: \$72 Con: \$8,633	PA&ED: \$1,593 PS&E: \$3,402 R/W Sup: \$202 Con Sup: \$2,969	Prior Prior Prior 21-22	PA&ED: 2/27/2020 R/W Cert: 10/5/2021 RTL: 11/30/2021 Begin Con: 6/15/2022
<i>Carryover</i>			Subtotal: \$8,705 Total Project Cost:	\$8,166 \$16,871		

Program 201.335 Storm Water Mitigation
Project Output(s) 39.9 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-605 R16.5/R19.5 5234 0717000143	Near El Monte, at various locations, from 0.1 mile south of Peck Road Overcrossing to 0.1 mile north of Valley Boulevard Undercrossing.	33930 2021-22	R/W: \$96 Con: \$12,901	PA&ED: \$1,500 PS&E: \$4,550 R/W Sup: \$202 Con Sup: \$3,320	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 11/5/2021 RTL: 12/30/2021 Begin Con: 8/15/2022
Carryover	Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, linear radial Gross Solids Removal Devices (GSRDs), infiltration basins and an Austin Vault Sand Filter.		Subtotal: \$12,997 Total Project Cost:	\$9,572 \$22,569		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 54.8 Acre(s) treated/pollutant			

07-Los Angeles-605 R20.0/R26.0 5236 0717000144	Near El Monte, from 0.2 mile south of Route 10 to 0.2 mile north of Route 210. Construct and install stormwater treatment Best Management Practices (BMPs) including biofiltration swales/strips, Gross Solids Removal Devices (GSRDs) and a Design Pollution Prevention Infiltration Area.	33940 2021-22	R/W: \$89 Con: \$15,187	PA&ED: \$1,576 PS&E: \$3,971 R/W Sup: \$237 Con Sup: \$4,308	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 12/6/2021 RTL: 1/31/2022 Begin Con: 8/15/2022
Carryover			Subtotal: \$15,276 Total Project Cost:	\$10,092 \$25,368		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 52.2 Acre(s) treated/pollutant			

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 24.4/26.7 5089 0716000252	In the city of Los Angeles, from 3rd Street to Route 10 Interchange. Install irrigation systems and plant vegetation to stabilize soil.	33180 2021-22	R/W: \$16 Con: \$3,420	PA&ED: \$600 PS&E: \$1,250 R/W Sup: \$50 Con Sup: \$1,250	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 9/21/2021 RTL: 11/23/2021 Begin Con: 5/6/2022
			Subtotal: \$3,436	\$3,150		
Carryover			Total Project Cost:	\$6,586		

Program 201.335 Storm Water Mitigation
Project Output(s) 34.2 Acre(s) treated/pollutant

07-Los Angeles-2 10.6/26.2 5392 0718000143	In the cities of Los Angeles, Glendale, and La Canada Flintridge, from Sycamore Avenue to Briartree Drive/Greenridge Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	34850 2022-23	R/W: \$2,320 Con: \$3,432	PA&ED: \$1,102 PS&E: \$2,220 R/W Sup: \$753 Con Sup: \$1,848	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/2/2022 RTL: 1/16/2023 Begin Con: 9/13/2023
			Subtotal: \$5,752	\$5,923		
New			Total Project Cost:	\$11,675		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 95 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	95.0	95.0	Each
Post Condition	95.0	0.0	0.0	95.0	Each

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-66 0.0/3.2 4745B 0718000285	In La Verne and Pomona, from Baseline Road to Towne Avenue. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30651 2021-22	R/W: \$819 Con: \$1,542	PA&ED: PS&E: \$1,100 R/W Sup: \$250 Con Sup: \$950	Prior Prior 21-22	PA&ED: 8/21/2018 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 2/2/2022
Carryover			Subtotal: \$2,361 Total Project Cost:	\$2,300 \$4,661		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

07-Los Angeles-72 0.0/6.8 5158 0716000299	In Whittier, from Valley Home Avenue to Esperanza Avenue. Construct and upgrade curb ramps, sidewalks, driveways, pedestrian pathways, Class III bikeway lanes, Accessible Pedestrian Signals (APS) and push buttons to meet current Americans with Disabilities Act (ADA) standards.	33310 2021-22	R/W: \$1,000 Con: \$5,781	PA&ED: \$900 PS&E: \$4,000 R/W Sup: \$4,600 Con Sup: \$2,200	Prior 20-21 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 3/2/2022 RTL: 3/17/2022 Begin Con: 11/7/2022
Carryover			Subtotal: \$6,781 Total Project Cost:	\$11,700 \$18,481		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 170 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	170.0	170.0	Each
Post Condition	170.0	0.0	0.0	170.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-107 0.0/4.8 4749B 0718000318	In Torrance, from Route 1 to Redondo Beach Boulevard. Construct curb ramps and reconstruct driveways/sidewalks to meet Americans with Disabilities Act (ADA) standards.	30702 2021-22	R/W: \$3,850 Con: \$2,950	PA&ED: PS&E: \$714 R/W Sup: \$244 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 7/8/2018 R/W Cert: 12/1/2021 RTL: 1/3/2022 Begin Con: 8/31/2022
Carryover			Subtotal: \$6,800	\$2,708		
			Total Project Cost:	\$9,508		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 71 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	71.0	71.0	Each
Post Condition	71.0	0.0	0.0	71.0	Each

07-Los Angeles-138 43.4/51.4 5185 0716000316	In Palmdale, from Route 14 Junction (south) to Avenue T. Upgrade curb ramps, traffic signals and sidewalks to meet current standards.	33370 2021-22	R/W: \$703 Con: \$8,385	PA&ED: \$695 PS&E: \$3,795 R/W Sup: \$1,401 Con Sup: \$3,225	Prior Prior Prior 21-22	PA&ED: 12/28/2020 R/W Cert: 1/18/2022 RTL: 2/18/2022 Begin Con: 10/17/2022
Carryover			Subtotal: \$9,088	\$9,116		
			Total Project Cost:	\$18,204		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 66 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Each
Post Condition	66.0	0.0	0.0	66.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-164 1.4/6.9 4982 0716000042	In the cities of Wittier, South Monte and Rosemead, from Gallatin Road to Rudell Underpass. Upgrade curb ramps, sidewalks and pathways to meet current Americans with Disabilities Act (ADA) standards.	32080 2021-22	R/W: \$952 Con: \$5,803	PA&ED: \$1,034 PS&E: \$3,150 R/W Sup: \$916 Con Sup: \$2,714	Prior Prior 20-21 21-22	PA&ED: 5/1/2020 R/W Cert: 9/29/2021 RTL: 10/28/2021 Begin Con: 4/25/2022
Carryover			Subtotal: \$6,755 Total Project Cost:	\$7,814 \$14,569		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 76 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	76.0	76.0	Each
Post Condition	76.0	0.0	0.0	76.0	Each

07-Los Angeles-210 R9.7/R51.9 4985 0716000119	In La Crescenta and La Canada Flintridge, from west of Sunland Boulevard to Baseline Road, near the San Bernardino County line. Reconstruct curb ramps to meet Americans with Disabilities Act (ADA) standards, install Accessible Pedestrian Signals (APS), relocate pull boxes and traffic signal poles. This is a Design-Build project.	32680 2021-22	R/W: \$1,500 Con: \$17,028	PA&ED: \$1,400 PS&E: \$1,000 R/W Sup: \$500 Con Sup: \$5,000	Prior 21-22 21-22 21-22	PA&ED: 1/15/2020 R/W Cert: 7/30/2021 RTL: 8/30/2021 Begin Con: 3/1/2022
Carryover			Subtotal: \$18,528 Total Project Cost:	\$7,900 \$26,428		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 252 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Each
Post Condition	252.0	0.0	0.0	252.0	Each

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Los Angeles
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-213 0.0/8.0 4743B 0718000286	In the cities of Rancho Palos Verdes, Lomita and Los Angeles, from W 25th Street to W Carson Street at various locations. Upgrade curb ramps, sidewalks and driveways to meet Americans with Disabilities Act (ADA) standards.	30661 2021-22	R/W: \$2,834 Con: \$1,779	PA&ED: PS&E: \$1,700 R/W Sup: \$700 Con Sup: \$1,200	20-21 21-22 21-22	PA&ED: 12/19/2018 R/W Cert: 8/2/2021 RTL: 9/2/2021 Begin Con: 4/4/2022
Carryover			Subtotal: \$4,613 Total Project Cost:	\$3,600 \$8,213		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 70 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70.0	70.0	Each
Post Condition	70.0	0.0	0.0	70.0	Each

BRIDGE PRESERVATION

07-Los Angeles-1 0.0 4983 0716000043	In Long Beach, at the San Gabriel River Bridge No. 53-0060. Widen bridge and upgrade bridge rail.	32090 2023-24	R/W: \$23,210 Con: \$16,527	PA&ED: \$1,555 PS&E: \$2,759 R/W Sup: \$950 Con Sup: \$4,633	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 11/1/2024
New			Subtotal: \$39,737 Total Project Cost:	\$9,897 \$49,634		

SBI Baseline Agreement Required
Program 201.110 Bridge Major Rehabilitation
Project Output(s) 1 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	28,664.0	0.0	0.0	28,664.0	Square feet
Post Condition	38,728.0	0.0	0.0	38,728.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0060	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 56.5/56.9 4498 0712000094	In Malibu, from Guernsey Avenue to Trancas Canyon Road/Broad Beach Road. Replace bridge.	29140 2020-21	R/W: \$35,000 Con: \$11,628	PA&ED: \$2,342 PS&E: \$2,123 R/W Sup: \$740 Con Sup: \$3,100	Prior Prior Prior 20-21	PA&ED: 6/30/2017 R/W Cert: 8/21/2020 RTL: 9/30/2020 Begin Con: 3/30/2021
			Subtotal: \$46,628	\$8,305		
Carryover			Total Project Cost:	\$54,933		

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,148.0	8,148.0	Square feet
Post Condition	26,160.0	0.0	0.0	26,160.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0027	Poor	Good

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	31910 2020-21	R/W: \$40 Con: \$3,230	PA&ED: \$910 PS&E: \$2,468 R/W Sup: \$43 Con Sup: \$2,073	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 2/12/2021 RTL: 3/15/2021 Begin Con: 4/15/2022
			Subtotal: \$3,270	\$5,494		
Carryover			Total Project Cost:	\$8,764		

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	21,818.0	21,818.0	Square feet
Post Condition	21,818.0	0.0	0.0	21,818.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2241G	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-103 0.1 5004 0716000056	In the city of Los Angeles, at the Union Pacific Overhead No. 53-2626. Replace the bridge deck with composite reinforced concrete.	32250 2021-22	R/W: \$1,730 Con: \$12,478	PA&ED: \$669 PS&E: \$3,482 R/W Sup: \$376 Con Sup: \$4,228	Prior Prior Prior 21-22	PA&ED: 11/12/2019 R/W Cert: 12/31/2021 RTL: 1/28/2022 Begin Con: 8/26/2022
			Subtotal: \$14,208	\$8,755		
<i>Carryover</i>			Total Project Cost:	\$22,963		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	87,840.0	87,840.0	Square feet
Post Condition	87,840.0	0.0	0.0	87,840.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2626	Poor	Good

07-Los Angeles-210 R36.8 5026 0716000082	In Irwindale, on the San Gabriel River Bridge No. 53-1867. Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electroliers.	32520 2020-21	R/W: \$596 Con: \$18,697	PA&ED: \$1,061 PS&E: \$3,665 R/W Sup: \$444 Con Sup: \$4,244	Prior Prior Prior 20-21	PA&ED: 10/4/2019 R/W Cert: 12/7/2020 RTL: 1/6/2021 Begin Con: 10/28/2021
			Subtotal: \$19,293	\$9,414		
<i>Carryover</i>			Total Project Cost:	\$28,707		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	139,664.0	139,664.0	Square feet
Post Condition	139,664.0	0.0	0.0	139,664.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1867	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-710 22.2 5499 0718000355	In Commerce and Vernon, at Hobart Rail Yard Overhead No. 53-0840. Rehabilitate, clean, and paint bridge.	35470 2023-24	R/W: \$732 Con: \$17,117	PA&ED: \$449 PS&E: \$1,602 R/W Sup: \$413 Con Sup: \$3,704	20-21 21-22 21-22 23-24	PA&ED: 7/16/2021 R/W Cert: 1/16/2024 RTL: 3/29/2024 Begin Con: 1/22/2025
			Subtotal: \$17,849	\$6,168		
New			Total Project Cost:	\$24,017		

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

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	139,123.0	0.0	139,123.0	Square feet
Post Condition	139,123.0	0.0	0.0	139,123.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-0840	Fair	Good
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07-Los Angeles-405 0.0 4984 0716000044	In Long Beach, at the San Gabriel River Bridge No. 53-1185 and SB 605 to NB I-405 Connector Bridge No. 53 -1737H; also in Orange County on Route 405 at the SB 405 to NB 605 Connector Bridge No. 55-0413F.	32100 2021-22	R/W: \$254 Con: \$15,831	PA&ED: \$2,140 PS&E: \$6,840 R/W Sup: \$300 Con Sup: \$5,840	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 2/16/2022 RTL: 3/18/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$16,085	\$15,120		
			Total Project Cost:	\$31,205		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 3 Bridge(s)

Primary Asset

(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	115,833.0	115,833.0	Square feet
Post Condition	115,833.0	0.0	0.0	115,833.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-1185	Good	Good
Bridge No. 53-1737H	Fair	Fair
Bridge No. 55-0413F	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
07-Los Angeles-2 12.7 5429 0718000191	In Los Angeles County, on various routes at Santa Monica Bridge No. 53 -0675, First Street Undercrossing No. 53 -0582, Alvarado Street Separation No. 53-0617 and Avenue 60 on and offramp Bridge No. 53-0986S. Upgrade bridge rails, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35150 2023-24	R/W: \$245 Con: \$5,725	PA&ED: \$1,238 PS&E: \$2,764 R/W Sup: \$69 Con Sup: \$2,463	20-21 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 12/1/2023 RTL: 1/3/2024 Begin Con: 9/4/2024	
New			Subtotal: \$5,970	\$6,534			
			Total Project Cost:	\$12,504			
			Program	201.112 Bridge Rail Replacement and Upgrade			
			Project Output(s)	1,486.0 Linear feet 4 Bridge(s)			

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,486.0	1,486.0	Linear feet rail
Post Condition	1,486.0	0.0	0.0	1,486.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0582	Fair	Good
Bridge No. 53-0617	Good	Good
Bridge No. 53-0675	Good	Good
Bridge No. 53-0986S	Good	Good

07-Los Angeles-39 20.7 5396 0718000152	Near Azusa, at Van Orum Canyon Bridge No. 53-0115. Upgrade bridge rail and install guardrail.	34890 2023-24	R/W: \$14 Con: \$1,125	PA&ED: \$533 PS&E: \$1,484 R/W Sup: \$67 Con Sup: \$1,225	20-21 21-22 21-22 23-24	PA&ED: 8/2/2021 R/W Cert: 8/13/2023 RTL: 10/6/2023 Begin Con: 7/19/2024
New			Subtotal: \$1,139	\$3,309		
			Total Project Cost:	\$4,448		
			Program	201.112 Bridge Rail Replacement and Upgrade		
			Project Output(s)	205.0 Linear feet 1 Bridge(s)		

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	205.0	205.0	Linear feet rail
Post Condition	205.0	0.0	0.0	205.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0115	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-103 0.9 5355 0718000063	In the city of Los Angeles, near Wilmington, at the Anaheim Street Overhead No. 53-2627. Upgrade bridge rail.	34490 2023-24	R/W: \$68 Con: \$5,568	PA&ED: \$872 PS&E: \$1,712 R/W Sup: \$104 Con Sup: \$2,130	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 2/15/2024 RTL: 3/29/2024 Begin Con: 12/9/2024
<i>New</i>			Subtotal: \$5,636	\$4,818		
			Total Project Cost:	\$10,454		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,168.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,168.0	3,168.0	Linear feet rail
Post Condition	3,168.0	0.0	0.0	3,168.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-2627 Good Good

07-Los Angeles-110 22.8 5002 0716000054	In the city of Los Angeles, at the 5th Street Overcrossing No. 53-0685 and 6th Street Overcrossing No. 53-0746. Upgrade bridge railing.	32230 2020-21	R/W: \$115 Con: \$3,776	PA&ED: \$465 PS&E: \$1,673 R/W Sup: \$30 Con Sup: \$1,776	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 3/15/2021 RTL: 4/26/2021 Begin Con: 7/30/2021
<i>Carryover</i>			Subtotal: \$3,891	\$3,944		
			Total Project Cost:	\$7,835		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,565.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,565.0	1,565.0	Linear feet rail
Post Condition	1,565.0	0.0	0.0	1,565.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-0685 Good Good

Bridge No. 53-0746 Good Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-134 R12.6 5003 0716000055	In Pasadena, at the Arroyo Seco Bridge No. 53-0166. Replace/upgrade bridge railing.	32240 2021-22	R/W: \$2,530 Con: \$5,420	PA&ED: \$1,300 PS&E: \$2,320 R/W Sup: \$200 Con Sup: \$2,860	Prior 21-22 21-22 21-22	PA&ED: 2/7/2020 R/W Cert: 8/30/2021 RTL: 9/30/2021 Begin Con: 2/25/2022
			Subtotal: \$7,950	\$6,680		
Carryover			Total Project Cost:	\$14,630		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,434.0 Linear feet
1 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,434.0	0.0	3,434.0	Linear feet rail
Post Condition	3,434.0	0.0	0.0	3,434.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-0166 Good Good

07-Los Angeles-1 7.0/7.2 5364 0718000071	In Long Beach, at Los Angeles River Bridge No. 53-0341 and De Forest Avenue Undercrossing No. 53-1047. Seismic retrofit, upgrade bridge rails, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	34610 2022-23	R/W: \$238 Con: \$19,877	PA&ED: \$1,570 PS&E: \$4,204 R/W Sup: \$357 Con Sup: \$6,538	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 2/2/2023 RTL: 3/8/2023 Begin Con: 11/1/2023
			Subtotal: \$20,115	\$12,669		
New			Total Project Cost:	\$32,784		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 2 Bridge(s)

Primary Asset
(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	49,417.0	49,417.0	Square feet
Post Condition	49,417.0	0.0	0.0	49,417.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 53-0341 Good Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 22.5 5414 0718000189	In the city of Los Angeles, at Connector Undercrossing Bridge No. 53-0577 at Route 2. Seismic retrofit bridge and upgrade guardrail.	35130 2022-23	R/W: \$45 Con: \$5,430	PA&ED: \$1,270 PS&E: \$2,620 R/W Sup: \$55 Con Sup: \$2,440	20-21 21-22 21-22 22-23	PA&ED: 9/30/2021 R/W Cert: 3/1/2023 RTL: 3/30/2023 Begin Con: 12/15/2023
			Subtotal: \$5,475	\$6,385		
New			Total Project Cost:	\$11,860		

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

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	43,917.0	43,917.0	Square feet
Post Condition	43,917.0	0.0	0.0	43,917.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-0577	Good	Good

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: \$100 Con: \$2,020	PA&ED: \$700 PS&E: \$1,856 R/W Sup: \$200 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 1/15/2020 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 1/5/2022
			Subtotal: \$2,120	\$4,256		
Carryover			Total Project Cost:	\$6,376		

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

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,890.0	7,890.0	Square feet
Post Condition	7,890.0	0.0	0.0	7,890.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1779	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 R10.2/R10.3 4704 0714000024	In Compton, at Compton Creek Bridge Overhead and offramp No. 53 -2235 and No. 53-2237S; also in Long Beach, on Routes 710 and 110, at Harbor Scenic Drive Overhead No. 53	30160 2021-22	R/W: \$1,926 * Con: \$12,852	PA&ED: \$2,260 PS&E: \$3,500 R/W Sup: \$150 * Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 9/30/2020 R/W Cert: 2/25/2022 RTL: 3/30/2022 Begin Con: 11/30/2022
Carryover	-2934 (PM 6.0) and Gaffy Street Bridge No. 53-0397Y (PM R0.8). Bridge seismic retrofit and bridge rail upgrade.		Subtotal: \$14,778 Total Project Cost: \$24,788	\$10,010		

* Construction Capital and * Construction Support phases are NOT authorized

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

(G13 Contingency)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	256,607.0	256,607.0	Square feet
Post Condition	256,607.0	0.0	0.0	256,607.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-0397Y	Good	Good
Bridge No. 53-2235	Good	Good
Bridge No. 53-2237S	Good	Good
Bridge No. 53-2238K	Good	Good
Bridge No. 53-2934	Fair	Fair

07-Los Angeles-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 replacement, paint San Gabriel River Bridge.	32620 2021-22	R/W: \$101 * Con: \$19,329	PA&ED: \$1,372 PS&E: \$4,549 R/W Sup: \$488 * Con Sup: \$5,686	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 6/10/2022
Carryover			Subtotal: \$19,430 Total Project Cost: \$31,525	\$12,095		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.113 Bridge Seismic Restoration
Project Output(s) 3 Bridge(s)

(G13 Contingency)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	50,408.0	50,408.0	Square feet
Post Condition	50,408.0	0.0	0.0	50,408.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-0113	Good	Good
Bridge No. 53-2052	Good	Good
Bridge No. 53-2174	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-210 R18.7/R19.7 5393 0718000144 New	In La Canada Flintridge, from east of Route 2 to west of Angeles Crest Highway, on Alta Canyada Road	34870 2023-24	R/W: \$50 Con: \$17,040	PA&ED: \$1,160 PS&E: \$3,603 R/W Sup: \$191 Con Sup: \$5,161	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
	Connector Undercrossing No. 53-2189, E2-W210					
	-2191G, and Foothill La Canada Separation No. 53-2138. Seismic retrofit of one bridge and add Light Emitting Diode (LED) lighting to one bridge and one tunnel.					
			Subtotal: \$17,090	\$10,115		
			Total Project Cost:	\$27,205		

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

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	26,372.0	26,372.0	Square feet
Post Condition	26,372.0	0.0	0.0	26,372.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-2189	Fair	Fair

07-Los Angeles-210 R19.4/R27.0 5386 0718000137 New	In La Canada Flintridge and Pasadena, from West of Foothill Boulevard to Hill Avenue. Seismic retrofit of Orange Grove Boulevard	34820 2023-24	R/W: \$83 Con: \$11,440	PA&ED: \$800 PS&E: \$2,379 R/W Sup: \$251 Con Sup: \$2,883	20-21 21-22 21-22 23-24	PA&ED: 8/4/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 12/20/2024
	Overcrossing No. 53-2195, rehabilitate irrigation system and landscaping, and rehabilitate culverts.					
			Subtotal: \$11,523	\$6,313		
			Total Project Cost:	\$17,836		

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

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	36,651.0	36,651.0	Square feet
Post Condition	36,651.0	0.0	0.0	36,651.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 53-2195	Fair	Fair

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 17.6 5490 0718000307	In Lawndale, at Route 107, at Hawthorne Undercrossing Bridge No.53-1231. Seismic retrofit of bridge and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35390 2022-23	R/W: \$47 Con: \$4,681	PA&ED: \$543 PS&E: \$2,558 R/W Sup: \$17 Con Sup: \$2,151	20-21 21-22 21-22 22-23	PA&ED: 6/15/2021 R/W Cert: 12/15/2022 RTL: 1/13/2023 Begin Con: 8/25/2023
<i>New</i>			Subtotal: \$4,728 Total Project Cost:	\$5,269 \$9,997		

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

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45,682.0	45,682.0	Square feet
Post Condition	45,682.0	0.0	0.0	45,682.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-1231	Good	Good
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07-Los Angeles-10 28.2/31.0 5067 0716000175	In the city of El Monte, from Baldwin Avenue Overcrossing to Route 605 at Rio Hondo Bridge No. 53-657, East El Monte Overhead No. 53-0867 and San Gabriel River Bridge No. 53-109L/R. Replace overhang joints with reinforced concrete closure pours.	32830 2021-22	R/W: \$1,262 Con: \$8,140	PA&ED: \$813 PS&E: \$3,927 R/W Sup: \$915 Con Sup: \$3,526	Prior Prior Prior 21-22	PA&ED: 1/7/2020 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/23/2022
<i>Carryover</i>			Subtotal: \$9,402 Total Project Cost:	\$9,181 \$18,583		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	258,915.0	258,915.0	Square feet
Post Condition	258,915.0	0.0	0.0	258,915.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 53-0109L	Good	Good
Bridge No. 53-0109R	Good	Good
Bridge No. 53-0657	Good	Good
Bridge No. 53-0867	Good	Good

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-105 R14.6/R16.4 5069 0716000180 <i>Carryover</i>	In the city of South Gate, at Paramount Boulevard Overcrossing No. 53-2425; also in the city of Downey, at Ardis Avenue Overcrossing No. 53-2572. Remove and install new joint assemblies, apply waterproof coating, replace joint seals and apply methacrylate to Ardis Avenue Overcrossing deck.	32860 2020-21	R/W: \$27 Con: \$1,340	PA&ED: \$259 PS&E: \$891 R/W Sup: \$26 Con Sup: \$1,022	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 10/1/2020 RTL: 12/1/2020 Begin Con: 7/20/2021
			Subtotal: \$1,367	\$2,198		
			Total Project Cost:	\$3,565		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	42,360.0	42,360.0	Square feet
Post Condition	42,360.0	0.0	0.0	42,360.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-2425	Fair	Good
Bridge No. 53-2572	Fair	Fair

07-Los Angeles-405 8.8 4721 0714000084 <i>Carryover</i>	In Carson, at Dolores Yard Overhead No. 53-1168. Upgrade bridge drainage system.	30480 2020-21	R/W: \$2,657 Con: \$2,193	PA&ED: \$301 PS&E: \$525 R/W Sup: \$203 Con Sup: \$794	Prior Prior Prior 20-21	PA&ED: 9/28/2018 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 1/31/2022
			Subtotal: \$4,850	\$1,823		
			Total Project Cost:	\$6,673		

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

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	146,066.0	0.0	0.0	146,066.0	Square feet
Post Condition	146,066.0	0.0	0.0	146,066.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1168	Good	Good

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-10 R13.3 4966 0716000016	In the city of Los Angeles, at the Normandie Avenue Undercrossing Bridge No. 53-1565. Strengthen girders with epoxy and reinforcement steel.	31900 2021-22	R/W: \$22 Con: \$2,253	PA&ED: \$508 PS&E: \$1,493 R/W Sup: \$5 Con Sup: \$1,188	Prior 20-21 20-21 21-22	PA&ED: 7/17/2020 R/W Cert: 10/8/2021 RTL: 11/12/2021 Begin Con: 5/20/2022
Carryover			Subtotal: \$2,275 Total Project Cost:	\$3,194 \$5,469		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> (Goods Movement)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	40,365.0	40,365.0	Square feet
Post Condition	40,365.0	0.0	0.0	40,365.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 53-1565	Good	Good

ROADWAY PRESERVATION

07-Los Angeles-1 0.0/19.0 4998 0716000049	In and near Redondo Beach, from Orange County line to south of Topaz Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32160 2021-22	R/W: \$1,554 * Con: \$38,220	PA&ED: \$1,680 PS&E: \$4,886 R/W Sup: \$920 * Con Sup: \$7,684	Prior Prior Prior 21-22	PA&ED: 7/31/2020 R/W Cert: 1/5/2022 RTL: 3/30/2022 Begin Con: 10/12/2022
Carryover			Subtotal: \$39,774 Total Project Cost:	\$15,170 \$54,944		
	(G13 Contingency)		* Construction Capital and * Construction Support phases are NOT authorized			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 99.4 Lane mile(s)			

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	99.4	0.0	99.4	Lane mile(s)
Post Condition	99.4	0.0	0.0	99.4	Lane mile(s)

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 19.0/33.3 5034 0716000090	In and near Redondo Beach, from Topaz Street to Dewey Street. Upgrade Americans with Disabilities Act (ADA) curb ramps and metal beam guardrail, repair concrete pavement, replace asphalt concrete pavement with Portland Cement Concrete (PCC) at intersections, cold plane pavement, and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement to rehabilitate pavement.	32580 2021-22	R/W: \$1,900 * Con: \$45,900	PA&ED: \$1,960 PS&E: \$6,770 R/W Sup: \$780 * Con Sup: \$8,770	Prior Prior Prior 21-22	PA&ED: 7/31/2020 R/W Cert: 2/25/2022 RTL: 3/30/2022 Begin Con: 10/12/2022
Carryover			Subtotal: \$47,800	\$18,280		
			Total Project Cost:	\$66,080		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 104.9 Lane mile(s)			
	(G13 Contingency)					

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	104.9	104.9	Lane mile(s)
Post Condition	104.9	0.0	0.0	104.9	Lane mile(s)

07-Los Angeles-1 46.9/62.9 5491 0718000323	In and near Malibu, from north of Serra Road to the Ventura County line (PM 62.867). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	35420 2023-24	R/W: \$725 Con: \$19,897	PA&ED: \$1,225 PS&E: \$2,500 R/W Sup: \$271 Con Sup: \$3,422	20-21 21-22 21-22 23-24	PA&ED: 10/15/2021 R/W Cert: 2/12/2024 RTL: 3/15/2024 Begin Con: 11/15/2024
New			Subtotal: \$20,622	\$7,418		
			Total Project Cost:	\$28,040		
			Program 201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s) 63.4 Lane mile(s)			

Primary Asset

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 2.3/14.2 5184 0716000313	In and near the city of Los Angeles, from Centinela Avenue to Cotner Avenue, North La Brea Avenue to North Oxford Avenue and North Hollywood Boulevard to Allesandro Street. Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter, construct bus pads and replace traffic signals at several locations.	33360 2021-22	R/W: \$38 * Con: \$19,810	PA&ED: \$1,900 PS&E: \$5,000 R/W Sup: \$160 * Con Sup: \$5,000	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 1/5/2022 RTL: 2/23/2022 Begin Con: 7/29/2022
Carryover			Subtotal: \$19,848	\$12,060		
			Total Project Cost:	\$31,908		
			* Construction Capital and * Construction Support phases are NOT authorized			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	17.6 Lane mile(s)		
	(G13 Contingency)					

Primary Asset

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

07-Los Angeles-5 6.6/13.1 5535 0719000062	In Santa Fe Springs, Downey, and Commerce, from south of Route 5 to north of Atlantic Boulevard. Rehabilitate pavement, replace concrete barrier, and upgrade sign structures.	35730 2022-23	R/W: \$20 Con: \$24,640	PA&ED: \$1,428 PS&E: \$3,631 R/W Sup: \$35 Con Sup: \$4,086	20-21 20-21 20-21 22-23	PA&ED: 11/30/2020 R/W Cert: 5/19/2023 RTL: 3/30/2023 Begin Con: 12/7/2023
New			Subtotal: \$24,660	\$9,180		
			Total Project Cost:	\$33,840		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	47.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	36.7	8.8	47.0	Lane mile(s)
Post Condition	47.0	0.0	0.0	47.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R59.7/R73.7 5013 0716000064	Near Castaic and Valencia, from 0.2 mile north of Lake Hughes Road Undercrossing to 0.7 mile south of Vista Del Lago Road Overcrossing. Cold plane pavement and place Rubberized Hot Mix Asphalt concrete (RHMA), repair drainage systems, and perform upgrades to overhead signs, drainage curbs and guardrail.	32340 2020-21	R/W: \$250 Con: \$43,080	PA&ED: \$100 PS&E: \$6,000 R/W Sup: \$250 Con Sup: \$7,200	Prior Prior Prior 20-21	PA&ED: 3/28/2018 R/W Cert: 11/6/2020 RTL: 1/29/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$43,330 Total Project Cost:	\$13,550 \$56,880		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 112.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	111.9	0.0	112.0	Lane mile(s)
Post Condition	112.0	0.0	0.0	112.0	Lane mile(s)

07-Los Angeles-22 0.0/1.5 5022 0716000077	In Long Beach, from Route 1 to San Gabriel Undercrossing. Cold plane pavement and overlay with Rubberized Hot Mixed Asphalt - Type G (RHMA-G), upgrade curb ramps to current Americans with Disabilities Act (ADA) Standards, install guardrail and construct bus pads.	32440 2020-21	R/W: \$476 Con: \$6,250	PA&ED: \$670 PS&E: \$2,523 R/W Sup: \$12 Con Sup: \$1,967	Prior Prior Prior 20-21	PA&ED: 1/30/2020 R/W Cert: 11/5/2020 RTL: 12/15/2020 Begin Con: 9/3/2021
Carryover			Subtotal: \$6,726 Total Project Cost:	\$5,172 \$11,898		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 7.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	6.2	0.0	7.4	Lane mile(s)
Post Condition	7.4	0.0	0.0	7.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-27 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 Americans with Disabilities Act (ADA) standards.	32290 2021-22	R/W: \$499 * Con: \$30,550	PA&ED: \$1,593 PS&E: \$4,405 R/W Sup: \$576 * Con Sup: \$5,540	Prior 20-21 20-21 21-22	PA&ED: 3/27/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/1/2022
Carryover	(G13 Contingency)		Subtotal: \$31,049 Total Project Cost:	\$12,114 \$43,163		
* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required						
<p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 53.5 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	50.0	3.5	53.5	Lane mile(s)
Post Condition	53.5	0.0	0.0	53.5	Lane mile(s)

07-Los Angeles-101 8.4/11.8 5366 0718000073	In the city of Los Angeles, near Universal City, from south of Mulholland Drive to Route 170. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34630 2023-24	R/W: \$357 Con: \$14,382	PA&ED: \$636 PS&E: \$2,220 R/W Sup: \$41 Con Sup: \$3,356	20-21 21-22 21-22 23-24	PA&ED: 10/29/2021 R/W Cert: 7/4/2023 RTL: 8/3/2023 Begin Con: 3/24/2024
New			Subtotal: \$14,739 Total Project Cost:	\$6,253 \$20,992		
<p align="right">Program 201.121 Pavement Rehabilitation (CAPM) Project Output(s) 32.3 Lane mile(s)</p>						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.8	29.2	0.3	32.3	Lane mile(s)
Post Condition	32.3	0.0	0.0	32.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-405 0.0/12.8 5484 0718000253 New	In and near the cities of Long Beach, Signal Hill, Los Angeles, and Carson, from the Orange County line to south of Route 110. Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate Transportation Management System (TMS) elements and replace copper cabling with fiber, rehabilitate culverts, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35320 2023-24	R/W: \$768	PA&ED: \$2,646	20-21	PA&ED: 11/19/2021
			* Con: \$68,133	PS&E: \$6,043	21-22	R/W Cert: 3/8/2024
				R/W Sup: \$703	21-22	RTL: 4/5/2024
				* Con Sup: \$11,103	23-24	Begin Con: 10/25/2024
			Subtotal: \$68,901	\$20,495		
			Total Project Cost:	\$89,396		

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

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 118.8 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.5	115.7	1.6	118.8	Lane mile(s)
Post Condition	118.8	0.0	0.0	118.8	Lane mile(s)

07-Los Angeles-605 20.2/26.0 5029 0716000085 Carryover	In the cities of Irwindale and Baldwin Park, from Route 10 Interchange to the end of the freeway at Route 210. Grind mainline pavement and replace damaged slabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or Individual Precast Slab Replacement (IPSR), cold plane and overlay median, shoulders, ramps with Hot Mix Asphalt (HMA), construct additional lane on southbound Arrow Highway offramp/modify signal, install and upgrade guardrail.	32550 2021-22	R/W: \$162	PA&ED: \$1,375	Prior	PA&ED: 12/6/2018
			Con: \$16,410	PS&E: \$6,856	Prior	R/W Cert: 10/8/2021
				R/W Sup: \$138	Prior	RTL: 11/8/2021
				Con Sup: \$4,916	21-22	Begin Con: 9/6/2022
			Subtotal: \$16,572	\$13,285		
			Total Project Cost:	\$29,857		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 39.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.2	29.6	0.1	39.9	Lane mile(s)
Post Condition	39.9	0.0	0.0	39.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-14 R60.7/R77.0 4887 0715000194	In and near Palmdale and Lancaster, from Avenue P-8 to the Kern County line. Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors.	31600 2020-21	R/W: \$210 Con: \$126,660	PA&ED: \$3,000 PS&E: \$21,200 R/W Sup: \$280 Con Sup: \$18,600	Prior Prior Prior 20-21	PA&ED: 7/31/2019 R/W Cert: 2/8/2021 RTL: 3/15/2021 Begin Con: 1/10/2022
Carryover			Subtotal: \$126,870	\$43,080		
			Total Project Cost:	\$169,950		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 79.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	22.7	56.2	1.0	79.9	Lane mile(s)
Post Condition	79.9	0.0	0.0	79.9	Lane mile(s)

07-Los Angeles-405 31.6/41.4 5382 0718000123	In and near the city of Los Angeles, from Wilshire Boulevard to Victory Boulevard. Rehabilitate roadway, rehabilitate culverts, replace bridge approach/departure slabs, replace overhead sign structures and sign panels, upgrade Transportation Management System (TMS) elements, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	34790 2022-23	R/W: \$311 Con: \$123,614	PA&ED: \$2,174 PS&E: \$8,245 R/W Sup: \$200 Con Sup: \$19,281	20-21 21-22 21-22 22-23	PA&ED: 3/18/2021 R/W Cert: 2/21/2023 RTL: 3/21/2023 Begin Con: 11/6/2023
New			Subtotal: \$123,925	\$29,900		
			Total Project Cost:	\$153,825		

SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 91.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	7.4	71.7	12.5	91.6	Lane mile(s)
Post Condition	91.6	0.0	0.0	91.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-605 R0.0/R10.4 4979 0716000033 Carryover	In various cities, from Orange County line to 0.1 mile north of Telegraph Road; also on Route 91 from 0.2 mile west of Route 605 to Route 605 (PM R16.63/R16.83). Pavement rehabilitation consisting of full structural section replacement and damaged slab replacement. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and apply High Friction Surface Treatment (HFST) onramps and connectors.	32030	R/W: \$590	PA&ED: \$1,960	Prior	PA&ED: 6/19/2019
		2021-22	* Con: \$49,434	PS&E: \$8,100	Prior	R/W Cert: 11/15/2021
				R/W Sup: \$150	Prior	RTL: 12/30/2021
				* Con Sup: \$13,620	21-22	Begin Con: 9/30/2022
			Subtotal: \$50,024	\$23,830		
			Total Project Cost:	\$73,854		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 95.8 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	31.4	62.4	2.0	95.8	Lane mile(s)
Post Condition	95.8	0.0	0.0	95.8	Lane mile(s)

07-Los Angeles-605 R10.2/20.2 5521 0719000026 New	In and near Santa Fe Springs, Whittier, Pico Rivera, Industry, and Baldwin Park from Telegraph Road to Route 10. Rehabilitate roadway, apply High Friction Surface Treatment (HFST), upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, upgrade signs, enhance highway worker safety, and rehabilitate landscaping.	35660	R/W: \$851	PA&ED: \$3,096	20-21	PA&ED: 8/10/2021
		2022-23	* Con: \$169,740	PS&E: \$11,183	21-22	R/W Cert: 2/1/2023
				R/W Sup: \$447	21-22	RTL: 3/4/2023
				* Con Sup: \$23,131	22-23	Begin Con: 9/24/2023
			Subtotal: \$170,591	\$37,857		
			Total Project Cost:	\$208,448		

* Construction Capital and * Construction Support phases are NOT authorized

SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 93.2 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	10.4	57.4	25.4	93.2	Lane mile(s)
Post Condition	93.2	0.0	0.0	93.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 37.7/62.8 4846 0715000090	In the cities of Los Angeles and Malibu, from south of Temescal 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: \$14,353 Con: \$16,217	PA&ED: \$1,950 PS&E: \$4,168 R/W Sup: \$2,583 Con Sup: \$6,200	Prior Prior Prior 20-21	PA&ED: 4/8/2019 R/W Cert: 6/1/2021 RTL: 6/14/2021 Begin Con: 1/14/2022
Carryover			Subtotal: \$30,570	\$14,901		
			Total Project Cost:	\$45,471		

Program 201.151 Drainage System Restoration
Project Output(s) 19 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,977.0	2,977.0	Linear feet
Post Condition	2,977.0	0.0	0.0	2,977.0	Linear feet

07-Los Angeles-2 14.2/57.5 5509 0719000010	In and near the cities of Los Angeles, Glendale, La Canada Flintridge, and Pasadena, from east of Allesandro Street to the Mount Waterman ski lifts. Rehabilitate drainage systems, enhance highway worker safety, and upgrade guardrail to concrete barrier.	35540 2022-23	R/W: \$10 Con: \$10,391	PA&ED: \$1,246 PS&E: \$2,968 R/W Sup: \$13 Con Sup: \$2,973	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 11/7/2022 RTL: 12/5/2022 Begin Con: 8/28/2023
New			Subtotal: \$10,401	\$7,200		
			Total Project Cost:	\$17,601		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,500.7	817.5	3,318.2	Linear feet
Post Condition	3,318.2	0.0	0.0	3,318.2	Linear feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 68.1/82.1 5397 0718000155	Near Big Pines, from 1.3 miles west of Dawson Saddle to the San Bernardino County line. Rehabilitate culverts.	34900 2022-23	R/W: \$10 Con: \$2,136	PA&ED: \$894 PS&E: \$1,729 R/W Sup: \$196 Con Sup: \$1,046	20-21 21-22 21-22 22-23	PA&ED: 8/13/2021 R/W Cert: 2/28/2023 RTL: 3/29/2023 Begin Con: 12/8/2023
			Subtotal: \$2,146	\$3,865		
			Total Project Cost:	\$6,011		
New						

Program 201.151 Drainage System Restoration
Project Output(s) 17 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	120.0	481.0	1,102.0	1,703.0	Linear feet
Post Condition	1,703.0	0.0	0.0	1,703.0	Linear feet

07-Los Angeles-5 19.8/36.0 5024 0716000079	In various cities, on Route 5 (PM 19.75/35.99), Route 10 (PM 22.32/23.88), Route 91 (PM R11.80), Route 605 (PM R14.07) and Route 710 (PM 18.7/21.01). Replace pumps with submersible pumps.	32490 2020-21	R/W: \$14 Con: \$5,946	PA&ED: \$254 PS&E: \$1,075 R/W Sup: \$73 Con Sup: \$1,110	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 12/31/2020 RTL: 2/26/2021 Begin Con: 11/30/2021
			Subtotal: \$5,960	\$2,512		
			Total Project Cost:	\$8,472		
Carryover						

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Pump plant(s) (ea)
Post Condition	15.0	0.0	0.0	15.0	Pump plant(s) (ea)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R60.0/R75.0 5440 0718000220	Near Castaic, from north of Lake Hughes Road to north of Vista Del Lago Road. Rehabilitate culverts.	35230 2023-24	R/W: \$567 Con: \$10,710	PA&ED: \$1,217 PS&E: \$2,494 R/W Sup: \$242 Con Sup: \$2,725	20-21 21-22 21-22 23-24	PA&ED: 10/26/2021 R/W Cert: 7/4/2023 RTL: 8/1/2023 Begin Con: 2/3/2024
				Subtotal: \$11,277	\$6,678	
New				Total Project Cost:	\$17,955	

Program 201.151 Drainage System Restoration
Project Output(s) 38 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1,499.0	2,195.4	1,997.3	5,691.7	Linear feet
Post Condition	5,691.7	0.0	0.0	5,691.7	Linear feet

07-Los Angeles-10 R4.7/14.1 5547 0719000111	In the cities of Santa Monica and Los Angeles, from east of Bundy Drive to west of Hoover Street. Rehabilitate culverts.	35840 2023-24	R/W: \$10 Con: \$6,613	PA&ED: \$609 PS&E: \$1,615 R/W Sup: \$25 Con Sup: \$1,694	20-21 21-22 21-22 23-24	PA&ED: 11/30/2021 R/W Cert: 7/14/2023 RTL: 8/18/2023 Begin Con: 5/10/2024
				Subtotal: \$6,623	\$3,943	
New				Total Project Cost:	\$10,566	

Program 201.151 Drainage System Restoration
Project Output(s) 59 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	448.0	679.6	3,159.4	4,287.0	Linear feet
Post Condition	4,287.0	0.0	0.0	4,287.0	Linear feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-103 0.1 5043 0716000126	In Long Beach, at Henry Ford Avenue offramp. Construct larger pump plant facility including replacing undersized pumps.	32730 2020-21	R/W: \$1,646 Con: \$22,593	PA&ED: \$1,198 PS&E: \$2,586 R/W Sup: \$420 Con Sup: \$3,954	Prior Prior Prior 20-21	PA&ED: 12/20/2019 R/W Cert: 12/1/2020 RTL: 2/16/2021 Begin Con: 2/28/2022
			Subtotal: \$24,239	\$8,158		
Carryover			Total Project Cost:	\$32,397		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Pump plant(s) (ea)
Post Condition	2.0	0.0	0.0	2.0	Pump plant(s) (ea)

07-Los Angeles-118 R13.0/R13.9 5506 0719000004	In the city of Los Angeles, near Pacoima, from east of Herrick Avenue to west of Foothill Boulevard. Rehabilitate culverts.	35500 2023-24	R/W: \$272 Con: \$2,537	PA&ED: \$511 PS&E: \$1,679 R/W Sup: \$51 Con Sup: \$1,318	20-21 21-22 23-24 23-24	PA&ED: 1/18/2022 R/W Cert: 8/2/2023 RTL: 9/1/2023 Begin Con: 4/28/2024
			Subtotal: \$2,809	\$3,559		
New			Total Project Cost:	\$6,368		

Program 201.151 Drainage System Restoration
Project Output(s) 24 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	490.0	375.0	837.0	1,702.0	Linear feet
Post Condition	1,702.0	0.0	0.0	1,702.0	Linear feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R38.9 5516 0719000020	In Azusa, at North Vernon Avenue. Upgrade pump plant.	35610 2023-24	R/W: \$17 Con: \$1,611	PA&ED: \$364 PS&E: \$1,017 R/W Sup: \$77 Con Sup: \$789	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 9/28/2023 RTL: 11/1/2023 Begin Con: 6/24/2024
			Subtotal: \$1,628	\$2,247		
New			Total Project Cost:	\$3,875		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Linear feet
Post Condition	1.0	0.0	0.0	1.0	Linear feet

07-Los Angeles-710 9.6/T32.1 5374 0718000092	In Long Beach and Pasadena at various locations. Rehabilitate pump plants.	34700 2022-23	R/W: \$66 Con: \$4,822	PA&ED: \$909 PS&E: \$1,912 R/W Sup: \$316 Con Sup: \$1,861	20-21 21-22 21-22 22-23	PA&ED: 3/15/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 3/1/2023
			Subtotal: \$4,888	\$4,998		
New			Total Project Cost:	\$9,886		

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

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Linear feet
Post Condition	4.0	0.0	0.0	4.0	Linear feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R44.8/R45.9 5489 0718000306	In the city of Los Angeles, near Sylmar, at Truck Undercrossing Tunnels No. 53-1959 and No. 53-1983. Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install Transportation Management System (TMS) elements.	35380 2023-24	R/W: \$20 Con: \$16,687	PA&ED: \$746 PS&E: \$2,094 R/W Sup: \$67 Con Sup: \$4,034	20-21 21-22 21-22 23-24	PA&ED: 8/31/2021 R/W Cert: 7/31/2023 RTL: 8/31/2023 Begin Con: 5/31/2024
New			Subtotal: \$16,707	\$6,941		
			Total Project Cost:	\$23,648		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,108 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,108.0	1,108.0	Each
Post Condition	1,108.0	0.0	0.0	1,108.0	Each

07-Los Angeles-10 42.3/48.3 5201 0716000363	In Pomona and Claremont, from Route 57 to the San Bernardino County line (PM 48.265). Replace overhead signs.	33530 2020-21	R/W: \$10 Con: \$3,627	PA&ED: \$588 PS&E: \$2,700 R/W Sup: \$60 Con Sup: \$1,594	Prior Prior Prior 20-21	PA&ED: 8/23/2019 R/W Cert: 10/1/2020 RTL: 10/16/2020 Begin Con: 5/14/2021
Carryover			Subtotal: \$3,637	\$4,942		
			Total Project Cost:	\$8,579		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 61 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61.0	61.0	Each
Post Condition	61.0	0.0	0.0	61.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 6.0/R20.7 5370 0718000075	In the cities of Los Angeles, Carson, Compton, Long Beach, Bellflower, Cerritos, and Artesia, from Vermont Avenue to the Orange County line (PM 6.012/20.741). Upgrade overhead signs and sign structures, rehabilitate landscaping, and enhance highway worker safety.	34650 2023-24	R/W: \$107 Con: \$23,877	PA&ED: \$1,659 PS&E: \$2,851 R/W Sup: \$23 Con Sup: \$5,336	20-21 21-22 21-22 23-24	PA&ED: 12/4/2021 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/30/2024
New			Subtotal: \$23,984 Total Project Cost:	\$9,869 \$33,853		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 12 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	12.0	0.0	0.0	12.0	Each

07-Los Angeles-105 R2.1 5507 0719000005	Near Los Angeles International Airport (LAX) at three connector tunnels with Route 405. Replace existing lighting with Light Emitting Diode (LED) lighting and add Transportation Management System (TMS) elements.	35510 2022-23	R/W: \$20 Con: \$22,161	PA&ED: \$991 PS&E: \$2,569 R/W Sup: \$117 Con Sup: \$4,519	20-21 21-22 21-22 22-23	PA&ED: 4/22/2021 R/W Cert: 9/15/2022 RTL: 10/30/2022 Begin Con: 7/31/2023
New			Subtotal: \$22,181 Total Project Cost:	\$8,196 \$30,377		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 1,100 Lighting fixture(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,100.0	1,100.0	Each
Post Condition	1,100.0	0.0	0.0	1,100.0	Each

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 0.0/31.9 5074 0716000206	In various cities, from 9th Street/Gaffey Street to end of freeway. Replace sign panels with retroreflective sheeting, remove overhead lighting and catwalks.	32980 2020-21	R/W: \$10 Con: \$5,360	PA&ED: \$418 PS&E: \$2,342 R/W Sup: \$21 Con Sup: \$1,573	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 2/12/2021 RTL: 3/18/2021 Begin Con: 10/26/2021
Carryover			Subtotal: \$5,370	\$4,354		
			Total Project Cost:	\$9,724		

Program 201.170 Signs and Lighting Rehabilitation
Project Output(s) 500 Sign(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	500.0	500.0	Each
Post Condition	500.0	0.0	0.0	500.0	Each

MOBILITY

07-Los Angeles-22 1.3 5613 0719000264	In Long Beach, at Studebaker Road. Financial Contribution Only (FCO) to City of Long Beach to realign entrance and exit ramps at a new intersection at Studebaker Road and relinquish right-of-way (R/W) along the original alignment of the ramps to Long Beach.	35980 2022-23	R/W: Con: \$1,900	PA&ED: PS&E: R/W Sup: Con Sup:	PA&ED: 5/28/2021 R/W Cert: 6/1/2022 RTL: 7/1/2022 Begin Con: 3/30/2023
New			Subtotal: \$1,900		
			Total Project Cost:	\$1,900	

Program 201.310 Operational Improvements
Project Output(s) 112.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 31.0/31.0 5196 0716000355	In Pasadena and South Pasadena, at the Fair Oaks Avenue northbound offramp. Widen ramp from two lanes to four lanes. The city of South Pasadena will Advetise, Award, and Administer (AAA) the project construction contract.	33520 2021-22	R/W: Con: \$1	PA&ED: \$1,400 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 7/15/2021 R/W Cert: 3/25/2022 RTL: 3/31/2022 Begin Con: 9/21/2022
Carryover			Subtotal: \$1	\$1,400		
			Total Project Cost:	\$1,401		

Program 201.310 Operational Improvements
Project Output(s) 64.0 Daily vehicle hour(s) of delay (DVHD)

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: \$29 Con: \$3,120	PA&ED: \$785 PS&E: \$1,918 R/W Sup: \$141 Con Sup: \$1,343	Prior 20-21 20-21 21-22	PA&ED: 3/23/2020 R/W Cert: 9/21/2021 RTL: 10/21/2021 Begin Con: 7/15/2022
Carryover			Subtotal: \$3,149	\$4,187		
			Total Project Cost:	\$7,336		

Program 201.310 Operational Improvements
Project Output(s) 12.5 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-1 0.2/13.4 5408 0718000180	In Los Angeles County on various routes at various locations. Upgrade existing fiber communication system and rehabilitate Transportation Management System (TMS) elements, including video cameras, ramp meters, and Changeable Message Signs (CMS).	35040 2023-24	R/W: \$12 Con: \$8,956	PA&ED: \$676 PS&E: \$2,077 R/W Sup: \$47 Con Sup: \$2,924	20-21 21-22 21-22 23-24	PA&ED: 9/15/2021 R/W Cert: 2/28/2024 RTL: 3/31/2024 Begin Con: 1/30/2025
New			Subtotal: \$8,968 Total Project Cost:	\$5,724 \$14,692		

Program 201.315 Transportation Management Systems
Project Output(s) 112 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	112	Field element(s)
Post Condition	100.0%		0.0%	112	Field element(s)

07-Los Angeles-1 R34.5/35.2 5041 0716000121	In and near Santa Monica, from Lincoln Boulevard to McClure Tunnel; also on Route 10 (PM 2.1/18.3), Route 2 (PM R18.7), Route 101 (PM 11.8), and Route 105 (PM R1.95). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the Los Angeles Regional Transportation Management Center (LARTMC) and communication hubs at Route 10, Route 101 and Route 105.	32720 2020-21	R/W: \$327 Con: \$17,264	PA&ED: \$539 PS&E: \$3,159 R/W Sup: \$43 Con Sup: \$3,284	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 8/21/2020 RTL: 10/21/2020 Begin Con: 5/21/2021
Carryover			Subtotal: \$17,591 Total Project Cost:	\$7,025 \$24,616		

Program 201.315 Transportation Management Systems
Project Output(s) 129 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	129	Field element(s)
Post Condition	100.0%		0.0%	129	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-2 15.0/R23.2 5412 0718000186	In Los Angeles and Ventura Counties at various locations. Upgrade Closed Circuit Television (CCTV) cameras, enhance highway worker safety, construct concrete barriers and guardrail, install crash cushions, and install retaining walls.	35110 2023-24	R/W: \$396 Con: \$16,894	PA&ED: \$962 PS&E: \$4,276 R/W Sup: \$59 Con Sup: \$5,852	20-21 21-22 21-22 23-24	PA&ED: 1/31/2022 R/W Cert: 2/29/2024 RTL: 3/31/2024 Begin Con: 11/30/2024
New			Subtotal: \$17,290 Total Project Cost:	\$11,149 \$28,439		

Program 201.315 Transportation Management Systems
Project Output(s) 233 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	233	Field element(s)
Post Condition	100.0%		0.0%	233	Field element(s)

07-Los Angeles-2 16.3/81.0 5413 0718000179	In Los Angeles and Ventura Counties at various locations. Upgrade Changeable Message Signs (CMS), upgrade overhead sign structures, construct guardrail, and enhance highway worker safety.	35030 2023-24	R/W: \$1,465 Con: \$87,493	PA&ED: \$2,102 PS&E: \$10,585 R/W Sup: \$364 Con Sup: \$16,686	20-21 21-22 21-22 23-24	PA&ED: 9/1/2021 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/1/2024
New			Subtotal: \$88,958 Total Project Cost:	\$29,737 \$118,695		

SB1 Baseline Agreement Required

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

Primary Asset

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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07-Los Angeles-2 R18.7 5407 0718000178 New	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Update traffic management software to integrate Adaptive Traffic Signal Control (ATSC), video camera control, and to manage the Dynamic Lane Management System (DLMS) message signs.	35020 2022-23	R/W:	\$10	PA&ED:	\$409	20-21	PA&ED: 1/29/2021 R/W Cert: 7/1/2022 RTL: 8/1/2022 Begin Con: 3/20/2023
			Con:	\$2,948	PS&E:	\$927	20-21	
					R/W Sup:	\$11	20-21	
					Con Sup:	\$1,048	22-23	
			Subtotal:	\$2,958		\$2,395		
			Total Project Cost:			\$5,353		

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

07-Los Angeles-2 R18.7 5409 0718000181 New	In the city of Los Angeles, near Eagle Rock, at the Los Angeles Regional Transportation Management Center (LARTMC) at 2901 West Broadway. Update video wall in LARMTTC, upgrade networking equipment, and upgrade traffic management software.	35060 2022-23	R/W:	\$10	PA&ED:	\$632	20-21	PA&ED: 2/28/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 11/1/2023
			Con:	\$5,254	PS&E:	\$1,942	20-21	
					R/W Sup:	\$53	20-21	
					Con Sup:	\$1,337	22-23	
			Subtotal:	\$5,264		\$3,964		
			Total Project Cost:			\$9,228		

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

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 R5.5/85.7 5395 0718000149	In Los Angeles and Ventura Counties on various routes at various locations. Install and upgrade video cameras, install guardrail, and install Maintenance Vehicle Pullouts (MVPs).	34880 2022-23	R/W: \$262 Con: \$11,109	PA&ED: \$805 PS&E: \$2,879 R/W Sup: \$280 Con Sup: \$3,827	20-21 21-22 21-22 22-23	PA&ED: 4/30/2021 R/W Cert: 1/1/2023 RTL: 2/28/2023 Begin Con: 1/2/2024
New			Subtotal: \$11,371	\$7,791		
			Total Project Cost:	\$19,162		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	18	Field element(s)
Post Condition	100.0%		0.0%	28	Field element(s)

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: \$153 Con: \$6,674	PA&ED: \$30 PS&E: \$1,028 R/W Sup: \$45 Con Sup: \$1,450	Prior Prior Prior 20-21	PA&ED: 12/31/2018 R/W Cert: 10/9/2020 RTL: 11/5/2020 Begin Con: 8/19/2021
Carryover	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: \$6,827	\$2,553		
			Total Project Cost:	\$9,380		

Program 201.315 Transportation Management Systems
Project Output(s) 62 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	62	Field element(s)
Post Condition	100.0%		0.0%	62	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-91 R6.1/R20.7 5226 0717000060	In and near Carson, from Route 110 to Orange County line; also on Route 2 (PM R18.7), Route 5 (PM 6.8), Route 405 (PM 21.1). Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the various communication hubs on Route 2, Route 5, and Route 405.	33860 2021-22	R/W: \$267 Con: \$16,390	PA&ED: \$511 PS&E: \$2,630 R/W Sup: \$150 Con Sup: \$4,749	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 1/14/2022 RTL: 3/1/2022 Begin Con: 1/13/2023
<i>Carryover</i>			Subtotal: \$16,657 Total Project Cost:	\$8,040 \$24,697		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	77 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	75	Field element(s)
Post Condition	100.0%		0.0%	77	Field element(s)

07-Los Angeles-101 0.0/R17.1 5221 0717000054	In various cities, from Routes 5/10 to Route 405, Route 2 at Route 134 (PM R18.7) and Route 10 at Route 5/10 (PM 18.3). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33780 2021-22	R/W: \$13 Con: \$9,718	PA&ED: \$438 PS&E: \$3,008 R/W Sup: \$162 Con Sup: \$1,863	Prior Prior Prior 21-22	PA&ED: 2/28/2019 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022
<i>Carryover</i>			Subtotal: \$9,731 Total Project Cost:	\$5,471 \$15,202		
			Program	201.315 Transportation Management Systems		
			Project Output(s)	98 Field element(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	98	Field element(s)
Post Condition	100.0%		0.0%	98	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-110 R0.7/8.8 5188 0716000346	In the cities of Los Angeles, Wilmington, and Carson, from Gaffey Street to Route 405; also on Route 210 (PM R0.0/R35.8), Route 605 (PM 19.9/26.0), Route 710 (PM 5.0/9.4) and Route 2 (PM R18.7). Install wireless bluetooth detection system to monitor travel time.	33500 2020-21	R/W: \$10 Con: \$1,373	PA&ED: \$40 PS&E: \$200 R/W Sup: Con Sup: \$300	Prior Prior 20-21	PA&ED: 1/29/2019 R/W Cert: 7/21/2020 RTL: 10/21/2020 Begin Con: 4/22/2021
Carryover			Subtotal: \$1,383 Total Project Cost:	\$540 \$1,923		

Program 201.315 Transportation Management Systems
Project Output(s) 76 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	0	Field element(s)
Post Condition	100.0%		0.0%	76	Field element(s)

07-Los Angeles-134 0.0/R13.3 5222 0717000052	In the city of Los Angeles, from Route 170 to Routes 210/710; also on Route 2 at Route 134 (PM R18.7), on Route 10 at Routes 5/10 (PM 18.3), and on Route 101 near Pleasant Valley Road (PM 11.8). Upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network.	33790 2021-22	R/W: \$13 Con: \$7,559	PA&ED: \$454 PS&E: \$2,840 R/W Sup: \$154 Con Sup: \$1,953	Prior Prior Prior 21-22	PA&ED: 12/26/2018 R/W Cert: 9/3/2021 RTL: 1/3/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$7,572 Total Project Cost:	\$5,401 \$12,973		

Program 201.315 Transportation Management Systems
Project Output(s) 69 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	69	Field element(s)
Post Condition	100.0%		0.0%	69	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-170 R14.5/R20.5 5401 0718000161	In the city of Los Angeles, near North Hollywood, from Route 134 to Route 5. Rehabilitate and install new Transportation Management System (TMS) elements, install guardrail, and enhance highway worker safety.	34950 2022-23	R/W: \$232 Con: \$10,636	PA&ED: \$702 PS&E: \$2,885 R/W Sup: \$215 Con Sup: \$2,393	20-21 21-22 21-22 22-23	PA&ED: 8/1/2021 R/W Cert: 11/14/2022 RTL: 3/28/2023 Begin Con: 12/1/2023
New			Subtotal: \$10,868	\$6,195		
			Total Project Cost:	\$17,063		

Program 201.315 Transportation Management Systems
Project Output(s) 17 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	6	Field element(s)
Post Condition	100.0%		0.0%	17	Field element(s)

07-Los Angeles-210 R43.9/R46.7 5400 0718000158	In Los Angeles County on various routes at various locations. Rehabilitate Transportation Management System (TMS) elements, install guardrail, and improve highway worker safety.	34910 2022-23	R/W: \$28 Con: \$5,544	PA&ED: \$529 PS&E: \$1,839 R/W Sup: \$196 Con Sup: \$2,277	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 12/1/2022 RTL: 1/15/2023 Begin Con: 8/20/2023
New			Subtotal: \$5,572	\$4,841		
			Total Project Cost:	\$10,413		

Program 201.315 Transportation Management Systems
Project Output(s) 13 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	12	Field element(s)
Post Condition	100.0%		0.0%	13	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 19.3/26.0 5410 0719000039	In Los Angeles County on various routes at various locations. Rehabilitate and add new Transportation Management System (TMS) elements and upgrade the communication system at the Los Angeles Regional Transportation Management Center (LARTMC).	35070 2023-24	R/W: \$66 Con: \$29,854	PA&ED: \$3,076 PS&E: \$6,377 R/W Sup: \$73 Con Sup: \$7,227	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 9/19/2023 RTL: 10/19/2023 Begin Con: 7/23/2024
New			Subtotal: \$29,920 Total Project Cost:	\$16,753 \$46,673		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 152 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	43	Field element(s)
Post Condition	100.0%		0.0%	152	Field element(s)

07-Los Angeles-710 5.0/9.5 5357 0718000065	In Los Angeles County on various routes at various locations. Rehabilitate and install new Transportation Management System (TMS) elements and upgrade communication systems.	34510 2022-23	R/W: \$406 Con: \$15,559	PA&ED: \$873 PS&E: \$3,505 R/W Sup: \$312 Con Sup: \$3,541	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 2/1/2024
New			Subtotal: \$15,965 Total Project Cost:	\$8,231 \$24,196		

Program 201.315 Transportation Management Systems
Project Output(s) 16 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	8	Field element(s)
Post Condition	100.0%		0.0%	16	Field element(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 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 at the northbound Castaic Commercial Vehicle Enforcement Facility (CVEF) (weigh station). Replace office structure and inspection enclosure.	32880 2020-21	R/W: \$36 Con: \$1,340	PA&ED: \$550 PS&E: \$2,000 R/W Sup: \$20 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 9/16/2019 R/W Cert: 7/20/2020 RTL: 8/20/2020 Begin Con: 5/14/2021
Carryover			Subtotal: \$1,376	\$3,770		
			Total Project Cost:	\$5,146		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

ROADSIDE PRESERVATION

07-Los Angeles-10 R2.2/R4.9 5378 0718000098	In the cities of Santa Monica and Los Angeles, from Lincoln Boulevard to Gateway Boulevard. Rehabilitate landscaping and irrigation system.	34750 2022-23	R/W: \$384 Con: \$2,444	PA&ED: \$499 PS&E: \$1,339 R/W Sup: \$211 Con Sup: \$1,260	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/1/2022 RTL: 11/15/2022 Begin Con: 7/14/2023
New			Subtotal: \$2,828	\$3,309		
			Total Project Cost:	\$6,137		

Program 201.210 Highway Planting Restoration
Project Output(s) 22.5 Acre(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-210 R15.6/R17.4 5080 0716000217	In and near Glendale, from Lowell Avenue to La Crescenta Avenue. Restore existing irrigation to functionality, upgrade booster pump and remaining older irrigation controllers to web connect "smart controllers."	33070 2020-21	R/W: \$29 Con: \$4,190	PA&ED: \$375 PS&E: \$1,077 R/W Sup: \$20 Con Sup: \$1,383	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 10/14/2020 RTL: 12/18/2020 Begin Con: 8/20/2021
Carryover			Subtotal: \$4,219	\$2,855		
			Total Project Cost:	\$7,074		

Program 201.210 Highway Planting Restoration
Project Output(s) 27.0 Acre(s)

ROADWAY PROTECTIVE BETTERMENTS

07-Los Angeles-14 R29.2/R29.4 5237 0717000157	In Santa Clarita, from 1.1 mile north of Placerita Canyon Road to 0.2 mile south of Golden Valley Road. Regrade slopes, construct drainage ditches and install erosion control system.	33960 2021-22	R/W: \$36 Con: \$24,600	PA&ED: \$1,090 PS&E: \$2,720 R/W Sup: \$49 Con Sup: \$3,750	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 10/4/2021 RTL: 11/3/2021 Begin Con: 11/1/2022
Carryover			Subtotal: \$24,636	\$7,609		
			Total Project Cost:	\$32,245		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



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

07-Los Angeles-90 2.5 5500 0718000356	In Culver City, at the Culver City Maintenance Station at 5650 Selmaraine Drive. Demolish two deteriorating buildings, construct one new building, and construct a wash rack.	35480 2022-23	R/W: \$10 Con: \$4,475	PA&ED: \$461 PS&E: \$1,843 R/W Sup: \$28 Con Sup: \$2,495	20-21 21-22 21-22 22-23	PA&ED: 3/31/2021 R/W Cert: 2/28/2023 RTL: 3/31/2023 Begin Con: 11/3/2023
			Subtotal: \$4,485	\$4,827		
New			Total Project Cost:	\$9,312		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,300.0	1,300.0	Square feet
Post Condition	4,429.0	0.0	0.0	4,429.0	Square feet

07-Los Angeles-105 R2.0 5511 0719000014	In the city of Los Angeles, near Hawthorne, at 5200 West Imperial Highway. Construct a Maintenance Equipment Training Center (METC).	35560 2023-24	R/W: \$17 Con: \$9,262	PA&ED: \$693 PS&E: \$2,280 R/W Sup: \$15 Con Sup: \$2,542	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 8/1/2024
			Subtotal: \$9,279	\$5,530		
New			Total Project Cost:	\$14,809		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	9,411.0	0.0	0.0	9,411.0	Square feet

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-405 7.2 5545 0719000107	In Long Beach, at the Pacific Place Maintenance Station at 3725 Pacific Place. Replace a deteriorated building with a new building at the maintenance station.	35820 2022-23	R/W: \$22 Con: \$2,335	PA&ED: \$661 PS&E: \$1,875 R/W Sup: \$89 Con Sup: \$1,551	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 3/1/2023 RTL: 3/24/2023 Begin Con: 1/31/2024
<i>New</i>			Subtotal: \$2,357	\$4,176		
			Total Project Cost:	\$6,533		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,323.0	1,323.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

MULTIPLE OBJECTIVE

07-Los Angeles-5 0.8 5159 0716000301	In Kern County, at the Tejon Safety Roadside Rest Area (SRRA) (PM 0.8). Install pilot solar energy system on roadway to provide electric power to SRRA.	33320 2020-21	R/W: \$61 Con: \$2,739	PA&ED: \$500 PS&E: \$1,500 R/W Sup: \$20 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 6/27/2019 R/W Cert: 4/19/2021 RTL: 5/17/2021 Begin Con: 12/6/2021
<i>Carryover</i>			Subtotal: \$2,800	\$3,120		
			Total Project Cost:	\$5,920		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

V4.0 2020 SHOPP Project List
Los Angeles
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Los Angeles-5 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 101 (PM 11.8).	33300 2021-22	R/W: \$147 Con: \$16,927	PA&ED: \$650 PS&E: \$2,800 R/W Sup: \$25 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 12/2/2021 RTL: 12/30/2021 Begin Con: 8/4/2022
Carryover	Multi-objective Asset Management project that includes widening and extending deceleration length on the Indiana Street/Calzona Street southbound offramp, upgrade guardrail and (Transportation Management System (TMS), construct highway worker safety features.		Subtotal: \$17,074 Total Project Cost:	\$7,575 \$24,649		
				Program 201.999 Multiple Objective Project Output(s) 101 Location(s)		

Los Angeles County

R/W: \$134,928	PA&ED: \$138,995
Const: \$1,894,210	PS&E: \$391,911
	R/W Sup: \$40,823
	Con Sup: \$463,724
Subtotal: \$2,029,138	\$1,035,453
Total (Capital + Support):	\$3,064,591

V4.0 2020 SHOPP Project List
Madera
(\$1,000)



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

06-Madera-99 R7.0/R7.5 6857 0616000207	Near the city of Madera, at Cottonwood Creek Bridge No. 41 -065R, No. 41-0065L and No. 41-0065S. Replace bridges to mitigate corrosion by chloride latent concrete.	0V120 2021-22	R/W: \$137 * Con: \$24,500	PA&ED: \$2,400 PS&E: \$3,200 R/W Sup: \$100 * Con Sup: \$6,100	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/7/2021 RTL: 7/26/2021 Begin Con: 3/2/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$24,637	\$11,800		
			Total Project Cost:	\$36,437		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	7,104.0	19,063.0	0.0	26,167.0	Square feet
Post Condition	26,167.0	0.0	0.0	26,167.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 41-0065L	Poor	Good
Bridge No. 41-0065R	Fair	Good
Bridge No. 41-0065S	Fair	Good

ROADWAY PRESERVATION

06-Madera-41 6.3/9.2 6708 0614000058	Near Fresno, from north of Avenue 15 to south of Route 145. Roadway rehabilitation.	0R210 2020-21	R/W: \$4,200 Con: \$13,900	PA&ED: \$2,463 PS&E: \$2,390 R/W Sup: \$1,296 Con Sup: \$3,000	Prior 20-21 20-21 20-21	PA&ED: 5/13/2020 R/W Cert: 5/1/2021 RTL: 5/3/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$18,100	\$9,149		
			Total Project Cost:	\$27,249		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 6.0 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.5	5.5	0.0	6.0	Lane mile(s)
Post Condition	6.0	0.0	0.0	6.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Madera
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Madera-145 8.0/12.0 7005 0619000005	In and near the city of Madera, from south of Avenue 13 to 1.0 mile north of Tozer Street. Rehabilitate pavement, install Transportation Management System (TMS) elements, construct rumble strips, replace signs, and rehabilitate drainage systems.	0Y180 2022-23	R/W: \$165 Con: \$9,400	PA&ED: \$800 PS&E: \$1,275 R/W Sup: \$340 Con Sup: \$1,450	20-21 20-21 20-21 22-23	PA&ED: 10/1/2020 R/W Cert: 3/1/2023 RTL: 3/2/2023 Begin Con: 10/15/2023
New			Subtotal: \$9,565	\$3,865		
			Total Project Cost:	\$13,430		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 10.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	9.1	0.0	10.8	Lane mile(s)
Post Condition	10.8	0.0	0.0	10.8	Lane mile(s)

Madera County

R/W:	\$4,502	PA&ED:	\$5,663
Const:	\$47,800	PS&E:	\$6,865
		R/W Sup:	\$1,736
		Con Sup:	\$10,550
Subtotal:	\$52,302		\$24,814
Total (Capital + Support):			\$77,116

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



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

04-Marín-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 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.	2K810 2021-22	R/W: \$100 Con: \$3,142	PA&ED: \$550 PS&E: \$550 R/W Sup: \$100 Con Sup: \$550	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 1/14/2022 RTL: 4/15/2022 Begin Con: 10/14/2022
			Subtotal: \$3,242	\$1,750		
<i>Carryover</i>			Total Project Cost:	\$4,992		
Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 41 Location(s)						

MANDATES

04-Marín-101 13.7 1495K 0416000141	In San Rafael, at Manuel T Freitas Parkway. Upgrade curb ramps, sidewalk, and other facilities to make compliant with Americans with Disabilities Act (ADA) standards.	0K800 2021-22	R/W: \$125 Con: \$2,239	PA&ED: \$300 PS&E: \$850 R/W Sup: \$120 Con Sup: \$850	Prior Prior Prior 21-22	PA&ED: 6/3/2019 R/W Cert: 3/5/2021 RTL: 7/2/2021 Begin Con: 11/24/2021
			Subtotal: \$2,364	\$2,120		
<i>Carryover</i>			Total Project Cost:	\$4,484		
Program 201.361 Americans with Disabilities Act New Curb Ramps Project Output(s) 8 Curb ramp(s)						

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



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

04-Marín-37 14.5 0332C 0419000019	Near Novato, at Petaluma River Bridge No. 27-0013. Rehabilitate bridge deck, upgrade railings, replace fender system, and mitigate bridge scour.	2Q500 2023-24	R/W: \$130 * Con: \$32,040	PA&ED: \$1,810 PS&E: \$3,630 R/W Sup: \$110 * Con Sup: \$7,030	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 6/30/2024 Begin Con: 2/7/2025
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Subtotal: \$32,170 \$12,580
Total Project Cost: \$44,750

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	146,830.0	146,830.0	Square feet
Post Condition	146,830.0	0.0	0.0	146,830.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 27-0013	Fair	Fair
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04-Marín-1 0.4/23.0 2020N 0418000030	Near Mill Valley, Stinson Beach, and Olema, at Coyote Creek Bridge No. 27-0018 (PM 0.42), Eskoot Creek Bridge No. 27-0077 (PM 12.37), Olema Creek Bridge No. 27-0020 (PM 22.81) and Olema Creek Bridge No. 27-0021 (PM 22.96). Upgrade bridge rails.	0P960 2023-24	R/W: \$676 Con: \$8,091	PA&ED: \$1,650 PS&E: \$1,755 R/W Sup: \$444 Con Sup: \$2,065	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
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Subtotal: \$8,767 \$5,914
Total Project Cost: \$14,681

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 504.0 Linear feet
4 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	504.0	504.0	Linear feet rail
Post Condition	504.0	0.0	0.0	504.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 27-0018	Fair	Fair
Bridge No. 27-0020	Good	Good
Bridge No. 27-0021	Good	Good
Bridge No. 27-0077	Fair	Fair

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 28.5 0756K 0413000350	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0G642 2020-21	R/W: \$6,500 Con: \$11,552	PA&ED: \$4,187 PS&E: \$2,850 R/W Sup: \$750 Con Sup: \$2,500	Prior Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 8/20/2020 RTL: 8/25/2020 Begin Con: 2/26/2021
			Subtotal: \$18,052	\$10,287		
Carryover			Total Project Cost:	\$28,339		

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

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,413.0	4,413.0	Square feet
Post Condition	7,820.0	0.0	0.0	7,820.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0023	Poor	Good

04-Marin-101 7.4 1493E 0416000042	In Corte Madera, at Tamalpais Drive Overcrossing No. 27-0072 (PM 7.37). Bridge seismic restoration and upgrade facilities to Americans with Disabilities Act (ADA) standards.	4J860 2023-24	R/W: \$692 Con: \$16,810	PA&ED: \$2,115 PS&E: \$3,462 R/W Sup: \$169 Con Sup: \$2,957	20-21 22-23 22-23 23-24	PA&ED: 6/30/2022 R/W Cert: 12/29/2023 RTL: 1/31/2024 Begin Con: 8/30/2024
			Subtotal: \$17,502	\$8,703		
New			Total Project Cost:	\$26,205		

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

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	61,570.0	61,570.0	Square feet
Post Condition	61,570.0	0.0	0.0	61,570.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0072	Good	Good

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-101 11.3 1493K 0416000096	In San Rafael, at Irwin Creek Bridge No. 27-0097. Rehabilitate corrugated metal arch culvert bridge and adjoining deteriorated culvert structures.	0K510 2021-22	R/W: \$944 Con: \$1,903	PA&ED: \$1,100 PS&E: \$880 R/W Sup: \$215 Con Sup: \$610	Prior 20-21 20-21 21-22	PA&ED: 12/2/2019 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 3/16/2022
<i>Carryover</i>			Subtotal: \$2,847	\$2,805		
			Total Project Cost:	\$5,652		

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

<u>Primary Asset</u> (Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,961.0	0.0	3,961.0	Square feet
Post Condition	3,961.0	0.0	0.0	3,961.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 27-0097	Fair	Good

ROADWAY PRESERVATION

04-Marín-1 22.8/33.0 1480A 0414000403	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities. (G13 Contingency)	1J960 2021-22	R/W: \$817 * Con: \$24,545	PA&ED: \$1,320 PS&E: \$2,500 R/W Sup: \$350 * Con Sup: \$2,300	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 4/15/2022 RTL: 4/29/2022 Begin Con: 10/31/2022
<i>Carryover</i>			Subtotal: \$25,362	\$6,470		
			Total Project Cost:	\$31,832		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.8 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.3	20.5	27.8	Lane mile(s)
Post Condition	27.8	0.0	0.0	27.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marín-37 R11.2/14.6 1452B 0417000018	In and near Novato, from Route 101 to Sonoma County line. Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2K740 2023-24	R/W: \$1,038 Con: \$18,936	PA&ED: \$2,509 PS&E: \$2,405 R/W Sup: \$350 Con Sup: \$1,600	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 4/12/2024 RTL: 5/17/2024 Begin Con: 4/7/2025
New			Subtotal: \$19,974	\$6,864		
			Total Project Cost:	\$26,838		

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

Primary Asset

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

04-Marín-131 0.0/4.4 2023A 0418000221	In and near Tiburon, from Route 101 to Main Street (PM 0.0/4.392). Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q230 2023-24	R/W: \$531 Con: \$10,421	PA&ED: \$2,193 PS&E: \$3,317 R/W Sup: \$104 Con Sup: \$2,717	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 1/2/2024 RTL: 2/5/2024 Begin Con: 6/13/2024
New			Subtotal: \$10,952	\$8,331		
			Total Project Cost:	\$19,283		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.5	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 13.1/44.9 2029G 0419000022	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	2Q530 2023-24	R/W: \$989 Con: \$6,551	PA&ED: \$2,250 PS&E: \$1,950 R/W Sup: \$670 Con Sup: \$2,150	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$7,540	\$7,020		
			Total Project Cost:	\$14,560		

Program 201.151 Drainage System Restoration
Project Output(s) 29 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,205.0	1,205.0	Linear feet
Post Condition	1,205.0	0.0	0.0	1,205.0	Linear feet

04-Marin-1 13.1/45.1 0322B 0417000036	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	3A250 2023-24	R/W: \$740 Con: \$3,578	PA&ED: \$1,750 PS&E: \$1,400 R/W Sup: \$480 Con Sup: \$1,380	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/15/2024 RTL: 5/13/2024 Begin Con: 2/7/2025
New			Subtotal: \$4,318	\$5,010		
			Total Project Cost:	\$9,328		

Program 201.151 Drainage System Restoration
Project Output(s) 21 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	860.0	860.0	Linear feet
Post Condition	860.0	0.0	0.0	860.0	Linear feet

V4.0 2020 SHOPP Project List
Marin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Marin-1 40.3 1485E 0414000524	Near Marshall, at 0.1 mile south of Clark Road. Replace culvert.	2J510 2023-24	R/W: \$176 Con: \$2,307	PA&ED: \$1,250 PS&E: \$1,360 R/W Sup: \$300 Con Sup: \$1,400	20-21 22-23 22-23 23-24	PA&ED: 7/8/2022 R/W Cert: 3/7/2024 RTL: 4/12/2024 Begin Con: 12/4/2024
			Subtotal: \$2,483	\$4,310		
New			Total Project Cost:	\$6,793		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	66.0	66.0	Linear feet
Post Condition	66.0	0.0	0.0	66.0	Linear feet

Marin County

R/W:	\$13,458	PA&ED:	\$22,984
Const:	\$142,115	PS&E:	\$26,909
		R/W Sup:	\$4,162
		Con Sup:	\$28,109
Subtotal:		\$155,573	\$82,164
Total (Capital + Support):		\$237,737	

V4.0 2020 SHOPP Project List
Mariposa
(\$1,000)



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

10-Mariposa-140 42.0/42.7 0280 1014000148	Near El Portal and Yosemite National Park, at 0.5 miles west of South Fork Merced River. Construct rock shed.	0P921 2021-22	* R/W: \$1,500 * Con: \$175,000	PA&ED: PS&E: \$5,500 R/W Sup: \$100 * Con Sup: \$17,500	Prior Prior 21-22	PA&ED: 1/29/2014 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 5/16/2022
	(PS&E, R/W Sup Only)		Subtotal: \$176,500	\$23,100		
Carryover			Total Project Cost:	\$199,600		

* Con, * R/W, * Con Sup phase(s) are NOT authorized

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

ROADWAY PRESERVATION

10-Mariposa-140 12.0/22.1 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 Americans with Disabilities Act (ADA) ramps.	0Y770 2021-22	R/W: \$1,989 * Con: \$17,363	PA&ED: \$1,025 PS&E: \$1,095 R/W Sup: \$416 * Con Sup: \$1,689	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/1/2022
			Subtotal: \$19,352	\$4,225		
Carryover	(G13 Contingency)		Total Project Cost:	\$23,577		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	5.7	23.6	Lane mile(s)
Post Condition	23.6	0.0	0.0	23.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Mariposa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Mariposa-140 25.3/51.8 3167 101600025	Near the Mariposa community and El Portal, from East Whitlock Road to Yosemite National Park entrance. Pavement rehabilitation.	0Y780 2021-22	R/W: \$162 * Con: \$23,765	PA&ED: \$900 PS&E: \$1,900 R/W Sup: \$30 * Con Sup: \$2,330	Prior Prior Prior 21-22	PA&ED: 10/15/2020 R/W Cert: 10/1/2021 RTL: 4/15/2022 Begin Con: 5/16/2022
<i>Carryover</i>	(G13 Contingency)					

Subtotal: \$23,927 \$5,160
Total Project Cost: \$29,087
** Construction Capital and * Construction Support phases are NOT authorized*

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 54.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.4	11.4	54.8	Lane mile(s)
Post Condition	54.8	0.0	0.0	54.8	Lane mile(s)

ROADWAY PROTECTIVE BETTERMENTS

10-Mariposa-140 32.2 3194 1014000182	Near Briceburg, at 2.1 miles west of Bull Creek Road. Repair slope slipout and erosion damage at large culvert pipe outlet.	0Y340 2020-21	R/W: \$40 Con: \$1,850	PA&ED: \$955 PS&E: \$155 R/W Sup: \$925 Con Sup: \$925	Prior Prior 20-21	PA&ED: 7/29/2016 R/W Cert: 1/4/2021 RTL: 2/12/2021 Begin Con: 7/1/2021
<i>Carryover</i>						

Subtotal: \$1,890 \$2,035
Total Project Cost: \$3,925

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Mariposa County

R/W: \$3,691	PA&ED: \$1,925
Const: \$217,978	PS&E: \$9,450
	R/W Sup: \$701
	Con Sup: \$22,444
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Subtotal: \$221,669	\$34,520
Total (Capital + Support):	\$256,189

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



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

01-Mendocino-101 1.4/1.7 4705 0118000111	Near Hopland, from 0.7 mile to 1.0 mile north of Geysers Road. Stabilize slope by constructing a soldier pile retaining wall and reinforce embankment.	0H810 2021-22	R/W: \$1 Con: \$4,090	PA&ED: \$883 PS&E: \$959 R/W Sup: \$52 Con Sup: \$1,050	Prior 20-21 Prior 21-22	PA&ED: 5/25/2020 R/W Cert: 8/25/2020 RTL: 7/15/2021 Begin Con: 12/7/2021
<i>Carryover</i>			Subtotal: \$4,091	\$2,944		
			Total Project Cost:	\$7,035		

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

01-Mendocino-162 11.5/11.8 4553 0114000035	Near Dos Rios, from 1.4 to 1.7 miles east of Rodeo Creek Bridge. Construct soldier pile walls, shear pile wall, drainage galleries, and correct roadway profile.	0B530 2020-21	R/W: \$355 Con: \$40,350	PA&ED: \$2,060 PS&E: \$2,400 R/W Sup: \$170 Con Sup: \$4,600	Prior Prior Prior 20-21	PA&ED: 3/1/2020 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 2/1/2022
<i>Carryover</i>			Subtotal: \$40,705	\$9,230		
			Total Project Cost:	\$49,935		

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

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-271 19.6/20.0 4702 0118000106	Near Piercy, from 0.1 mile to 0.5 mile north of Route 101. Repair slope by constructing a retaining wall, reconstruct roadway and shoulders.	0H780 2021-22	R/W: \$64 Con: \$4,208	PA&ED: \$1,192 PS&E: \$1,643 R/W Sup: \$58 Con Sup: \$1,266	Prior 20-21 20-21 21-22	PA&ED: 9/15/2020 R/W Cert: 12/1/2021 RTL: 12/15/2021 Begin Con: 4/4/2022
<i>Carryover</i>			Subtotal: \$4,272	\$4,159		
			Total Project Cost:	\$8,431		

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

COLLISION REDUCTION

01-Mendocino-1 6.5/9.5 4630 0116000047	Near Gualala, from 0.4 mile north of Havens Neck Drive to 0.5 mile south of Iverson Road. Widen shoulders and install edge-line rumble strips and guardrail.	0F710 2020-21	R/W: \$455 Con: \$1,334	PA&ED: \$940 PS&E: \$978 R/W Sup: \$472 Con Sup: \$728	Prior Prior Prior 20-21	PA&ED: 3/27/2020 R/W Cert: 6/10/2021 RTL: 6/25/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$1,789	\$3,118		
			Total Project Cost:	\$4,907		

Program 201.010 Safety Improvements
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 R65.1/65.5 4656 0117000026	Near Fort Bragg, from north of Mill Creek Drive to north of Ward Avenue. Widen shoulders.	0G600 2021-22	R/W: \$275 Con: \$1,633	PA&ED: \$833 PS&E: \$1,218 R/W Sup: \$224 Con Sup: \$865	Prior 20-21 20-21 21-22	PA&ED: 11/20/2020 R/W Cert: 12/31/2021 RTL: 1/14/2022 Begin Con: 6/1/2022
			Subtotal: \$1,908	\$3,140		
Carryover			Total Project Cost:	\$5,048		

Program 201.010 Safety Improvements
Project Output(s) 11 Collision(s) reduced

01-Mendocino-20 19.1/19.6 4691 0117000225	Near Willits, from 0.9 mile west to 0.4 mile west of James Creek Bridge. Improve curve, install center and edge-line rumble strips, upgrade guardrail, and widen shoulders.	0H450 2021-22	R/W: \$140 Con: \$2,565	PA&ED: \$754 PS&E: \$1,079 R/W Sup: \$220 Con Sup: \$725	Prior Prior Prior 21-22	PA&ED: 7/1/2020 R/W Cert: 8/26/2021 RTL: 9/10/2021 Begin Con: 2/3/2022
			Subtotal: \$2,705	\$2,778		
Carryover			Total Project Cost:	\$5,483		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 20.0/20.3 4717 0118000171	Near Willits, from James Creek Bridge to 0.3 mile east of James Creek Bridge. Improve curve and roadway cross slope, widen shoulders, and install rumble strips.	0J120 2021-22	R/W: \$30 Con: \$1,100	PA&ED: \$944 PS&E: \$798 R/W Sup: \$142 Con Sup: \$1,080	Prior 20-21 20-21 21-22	PA&ED: 7/13/2020 R/W Cert: 11/1/2021 RTL: 11/15/2021 Begin Con: 3/4/2022
Carryover			Subtotal: \$1,130	\$2,964		
			Total Project Cost:	\$4,094		

Program 201.010 Safety Improvements
Project Output(s) 30 Collision(s) reduced

MANDATES

01-Mendocino-1 59.8/62.1 4546 0112000110	In Fort Bragg, from Route 20 to Pudding Creek Bridge. Construct Americans with Disabilities Act (ADA) compliant curb ramps and sidewalk, add high visibility signing and striping at crosswalks, construct retaining walls, and upgrade drainage.	0B220 2020-21	R/W: \$256 Con: \$4,218	PA&ED: \$750 PS&E: \$1,246 R/W Sup: \$511 Con Sup: \$1,588	Prior Prior Prior 20-21	PA&ED: 7/15/2020 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$4,474	\$4,095		
			Total Project Cost:	\$8,569		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 68 Structure(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	68.0	68.0	Each
Post Condition	68.0	0.0	0.0	68.0	Each

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



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

01-Mendocino-1 42.4/43.3 4491 0100000155	Near Albion, from 2.2 miles north of Route 128 Junction to 0.2 mile north of Salmon Creek Bridge No. 10-0134. Bridge replacement.	40140 2021-22	R/W: \$6,324 * Con: \$36,775	PA&ED: \$5,800 PS&E: \$5,593 R/W Sup: \$810 * Con Sup: \$6,290	Prior Prior Prior 21-22	PA&ED: 7/16/2021 R/W Cert: 4/25/2022 RTL: 6/15/2022 Begin Con: 10/1/2022
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Subtotal: \$43,099 \$18,493
Total Project Cost: \$61,592

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	21,915.0	21,915.0	Square feet
Post Condition	34,769.0	0.0	0.0	34,769.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0134 Poor Good

01-Mendocino-1 43.3/44.2 4490 0100000154	Near Albion, from 3.0 miles north of Route 128 Junction to 0.2 mile north of Albion River Bridge No. 10-0136. Bridge replacement.	40110 2022-23	R/W: \$7,748 Con: \$65,673	PA&ED: \$5,500 PS&E: \$6,250 R/W Sup: \$987 Con Sup: \$7,750	Prior 21-22 21-22 22-23	PA&ED: 7/15/2021 R/W Cert: 2/15/2023 RTL: 3/15/2023 Begin Con: 7/19/2023
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Subtotal: \$73,421 \$20,487
Total Project Cost: \$93,908

SB1 Baseline Agreement Required

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	27,340.0	27,340.0	Square feet
Post Condition	56,440.0	0.0	0.0	56,440.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0136 Poor Good

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-20 33.3/34.4 4587 0113000123	Near Ukiah, from North Calpella Overcrossing to 0.5 mile east of County Road 144 at Russian River Bridge and Overhead No. 10-0182 and Redwood Valley Undercrossing No. 10-0183. Replace two bridges with a single bridge on a new alignment.	0E090 2020-21	R/W: \$4,001 Con: \$29,036	PA&ED: \$2,087 PS&E: \$3,129 R/W Sup: \$301 Con Sup: \$7,934	Prior Prior Prior 20-21	PA&ED: 2/1/2020 R/W Cert: 5/14/2021 RTL: 5/31/2021 Begin Con: 10/20/2021
<i>Carryover</i>			Subtotal: \$33,037 Total Project Cost:	\$13,451 \$46,488		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19,967.0	19,967.0	Square feet
Post Condition	45,500.0	0.0	0.0	45,500.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 10-0182	Poor	Good
Bridge No. 10-0183	Poor	Good

01-Mendocino-271 17.7/18.0 4710 0118000130	Near Piercy, from 0.7 mile north of Routes 271/101 Separation Bridge No. 10-0217 to 0.4 mile south of Sidehill Viaduct No. 10-0100. Mitigation planting and monitoring for EA 0A840.	0A841 2020-21	R/W: Con: \$205	PA&ED: PS&E: R/W Sup: Con Sup: \$172	20-21	PA&ED: 4/27/2017 R/W Cert: 4/15/2018 RTL: 7/15/2020 Begin Con: 9/15/2020
<i>Carryover</i>			Subtotal: \$205 Total Project Cost:	\$172 \$377		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 4507 0100000672	Near the Mendocino community, at Jack Peters Creek Bridge No. 10-0150 (PM 51.87); also in Fort Bragg at Pudding Creek Bridge No. 10-0158 (PM 62.12). Upgrade and replace barrier rails and bridge replacement.	43480 2020-21	R/W: \$450 Con: \$19,019	PA&ED: \$3,806 PS&E: \$2,825 R/W Sup: \$335 Con Sup: \$4,750	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 6/11/2021 RTL: 6/18/2021 Begin Con: 10/20/2021
Carryover			Subtotal: \$19,469 Total Project Cost:	\$11,716 \$31,185		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,328.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	887.0	887.0	Linear feet rail
Post Condition	1,328.0	0.0	0.0	1,328.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 10-0150	Fair	Good
Bridge No. 10-0158	Good	Good

01-Mendocino-1 31.4 4588 0113000125	Near Fort Bragg, at Elk Creek Bridge No. 10-0120. Replace bridge.	0E110 2021-22	R/W: \$333 Con: \$8,325	PA&ED: \$1,363 PS&E: \$1,445 R/W Sup: \$191 Con Sup: \$1,759	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 4/29/2022 RTL: 5/6/2022 Begin Con: 8/31/2022
Carryover			Subtotal: \$8,658 Total Project Cost:	\$4,758 \$13,416		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 532.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	324.0	324.0	Linear feet rail
Post Condition	532.0	0.0	0.0	532.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 10-0120	Fair	Good
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V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 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: \$474 Con: \$12,452	PA&ED: \$2,770 PS&E: \$2,979 R/W Sup: \$183 Con Sup: \$3,498	Prior 20-21 20-21 21-22	PA&ED: 1/15/2021 R/W Cert: 3/7/2022 RTL: 3/15/2022 Begin Con: 7/20/2022
			Subtotal: \$12,926	\$9,430		
Carryover			Total Project Cost:	\$22,356		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 868.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	868.0	868.0	Linear feet rail
Post Condition	868.0	0.0	0.0	868.0	Linear feet rail

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0175 Good Good

01-Mendocino-101 R106.4/T106.8 4627 0116000015	Near Piercy, at South Fork Eel River Bridge No. 10-0218 (PM R106.57); also in Humboldt County (PM T0.0/T0.1). Seismic bridge retrofit, bridge rail upgrade, restripe for wider shoulders and bicycle access, and upgrade deck drainage.	0F510 2021-22	R/W: \$26 Con: \$3,605	PA&ED: \$739 PS&E: \$1,028 R/W Sup: \$248 Con Sup: \$1,278	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 1/1/2022 RTL: 1/15/2022 Begin Con: 6/1/2022
			Subtotal: \$3,631	\$3,293		
Carryover			Total Project Cost:	\$6,924		

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

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	31,312.0	31,312.0	Square feet
Post Condition	31,312.0	0.0	0.0	31,312.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 10-0218 Good Good

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-162 8.2 4692 0117000223	Near Longvale, from 8.2 miles to 8.3 miles east of Route 101 at Eel River Bridge No. 10-0236. Bridge seismic retrofit.	0A131 2021-22	R/W: \$618 Con: \$6,383	PA&ED: \$737 PS&E: \$1,295 R/W Sup: \$127 Con Sup: \$4,179	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/30/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover			Subtotal: \$7,001	\$6,338		
			Total Project Cost:	\$13,339		

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

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,266.0	7,266.0	Square feet
Post Condition	7,266.0	0.0	0.0	7,266.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 10-0236	Good	Good
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ROADWAY PRESERVATION

01-Mendocino-162 R0.0/25.7 4676 0117000116	Near Dos Rios, from Route 101 to 2.6 miles west of Grist Creek Bridge. Rehabilitate roadway, upgrade guardrail and signs, apply High Friction Surface Treatment (HFST),	0H150 2023-24	R/W: \$109 Con: \$35,935	PA&ED: \$1,563 PS&E: \$1,477 R/W Sup: \$480 Con Sup: \$5,492	20-21 21-22 20-21 23-24	PA&ED: 8/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
New	replace Transportation Management System (TMS) elements, and enhance highway worker safety.		Subtotal: \$36,044	\$9,012		
			Total Project Cost:	\$45,056		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 50.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	26.2	24.5	50.7	Lane mile(s)
Post Condition	50.7	0.0	0.0	50.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-1 33.7/R51.0 4697 0117000240	Near the Mendocino community, from south of Philo Greenwood Road to north of Little Lake Road. Rehabilitate pavement, upgrade guardrail, and replace rumble strips.	0H600 2023-24	R/W: \$38 Con: \$27,321	PA&ED: \$701 PS&E: \$900 R/W Sup: \$111 Con Sup: \$2,502	20-21 21-22 21-22 23-24	PA&ED: 12/7/2021 R/W Cert: 7/17/2023 RTL: 7/31/2023 Begin Con: 1/8/2024
New			Subtotal: \$27,359	\$4,214		
			Total Project Cost:	\$31,573		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	34.3	0.0	34.3	Lane mile(s)
Post Condition	34.3	0.0	0.0	34.3	Lane mile(s)

01-Mendocino-1 87.9/105.6 4696 0117000239	Near Leggett, from north of Rockport Street to Route 101 (PM 87.85/105.580). Rehabilitate pavement and upgrade guardrail and Transportation Management System (TMS) elements.	0H590 2022-23	R/W: \$456 Con: \$21,791	PA&ED: \$531 PS&E: \$726 R/W Sup: \$133 Con Sup: \$1,865	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 1/6/2023 RTL: 1/20/2023 Begin Con: 5/1/2023
New			Subtotal: \$22,247	\$3,255		
			Total Project Cost:	\$25,502		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 30.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	10.7	30.9	Lane mile(s)
Post Condition	30.9	0.0	0.0	30.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY	FY	FY	
01-Mendocino-101 R33.7/R43.2 4677 0117000117	Near Willits, from 1.1 miles north of West Road to 0.6 mile south of Haehl Creek Bridge. Rehabilitate pavement, replace concrete median barrier, rehabilitate drainage systems, and upgrade guardrail, signs, lighting, and Transportation Management System (TMS) elements.	0H160 2022-23	R/W: \$39 Con: \$47,888	PA&ED: \$561 PS&E: \$910 R/W Sup: \$33 Con Sup: \$3,457	20-21 21-22 21-22 22-23		PA&ED: 8/1/2021 R/W Cert: 1/2/2023 RTL: 1/16/2023 Begin Con: 6/1/2023	
New			Subtotal: \$47,927 Total Project Cost:	\$4,961 \$52,888				

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	36.9	0.5	37.5	Lane mile(s)
Post Condition	37.5	0.0	0.0	37.5	Lane mile(s)

01-Mendocino-101 49.0/55.1 4678 0117000119	Near Willits, from 0.6 mile north of Upp Creek Bridge to 2.6 miles north of Ryan Creek Road. Rehabilitate pavement and upgrade guardrail and signs.	0H170 2023-24	R/W: \$16 Con: \$10,203	PA&ED: \$886 PS&E: \$814 R/W Sup: \$27 Con Sup: \$2,217	20-21 21-22 21-22 23-24		PA&ED: 11/1/2021 R/W Cert: 6/19/2023 RTL: 7/4/2023 Begin Con: 12/20/2023
New			Subtotal: \$10,219 Total Project Cost:	\$3,944 \$14,163			

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.1	0.0	14.1	Lane mile(s)
Post Condition	14.1	0.0	0.0	14.1	Lane mile(s)

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
01-Mendocino-101 55.0/64.9 4694 0117000235 New	Near Willits, from 0.5 mile south of Shimmins Ridge Road to north of Old Sherwood Road. Rehabilitate roadway and upgrade guardrail and Transportation Management System (TMS) elements.	0H550 2023-24	R/W: Con: \$26,973	PA&ED: \$820 PS&E: \$732 R/W Sup: \$126 Con Sup: \$2,871	21-22 22-23 22-23 23-24	PA&ED: 9/1/2022 R/W Cert: 10/1/2023 RTL: 10/15/2023 Begin Con: 2/15/2024
			Subtotal: \$26,973	\$4,549		
			Total Project Cost:	\$31,522		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 37.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.4	0.0	37.4	Lane mile(s)
Post Condition	37.4	0.0	0.0	37.4	Lane mile(s)

01-Mendocino-101 R104.5 4745 0113000106 New	Near Piercy, at 0.7 mile north of Piercy Separation (Route 271). Replace culvert.	48400 2022-23	R/W: \$17 Con: \$2,576	PA&ED: \$30 PS&E: \$201 R/W Sup: \$26 Con Sup: \$579	20-21 21-22 21-22 22-23	PA&ED: 5/3/2021 R/W Cert: 7/1/2022 RTL: 7/14/2022 Begin Con: 12/21/2022
			Subtotal: \$2,593	\$836		
			Total Project Cost:	\$3,429		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	550.0	550.0	Linear feet
Post Condition	410.0	0.0	0.0	410.0	Linear feet

V4.0 2020 SHOPP Project List
Mendocino
(\$1,000)



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

01-Mendocino-101	Near Willits, at the Ridgewood Grade Weigh Station. Install new Weigh-In-Motion (WIM) facility, restore existing weigh station concrete scale pad and rehabilitate asphalt pavement ramps, lanes and parking, upgrade and extend guardrail, upgrade lighting and Roadside Weather Information System (RWIS).	0H660	R/W: \$10	PA&ED: \$449	20-21	PA&ED: 1/1/2022
41.2		2023-24	Con: \$2,317	PS&E: \$720	21-22	R/W Cert: 7/1/2023
4698				R/W Sup: \$17	21-22	RTL: 7/15/2023
0117000248				Con Sup: \$697	23-24	Begin Con: 11/3/2023
New				Subtotal: \$2,327	\$1,883	
			Total Project Cost:	\$4,210		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Mendocino County	
R/W:	\$22,235 PA&ED: \$36,699
Const:	\$415,975 PS&E: \$41,345
	R/W Sup: \$5,984
	Con Sup: \$69,192
Subtotal:	\$438,210 \$153,220
Total (Capital + Support):	\$591,430

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



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

10-Merced-152 21.0 3417 1018000101	In Los Banos, at South 11th Street. Improve safety by installing new traffic signal.	1J300 2020-21	R/W: \$300 Con: \$1,527	PA&ED: \$480 PS&E: \$1,045 R/W Sup: \$93 Con Sup: \$596	Prior Prior Prior 20-21	PA&ED: 3/15/2019 R/W Cert: 10/8/2020 RTL: 10/12/2020 Begin Con: 5/3/2021
			Subtotal: \$1,827	\$2,214		
Carryover			Total Project Cost:	\$4,041		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

10-Merced-99 24.5/28.2 3442 1013000245	Near Atwater, from south of Westside Boulevard to south of Hammatt Avenue. Upgrade guardrail to current standards.	0Y610 2022-23	R/W: \$20 Con: \$2,304	PA&ED: \$677 PS&E: \$1,374 R/W Sup: \$20 Con Sup: \$783	20-21 21-22 21-22 22-23	PA&ED: 7/27/2021 R/W Cert: 10/21/2022 RTL: 11/21/2022 Begin Con: 6/13/2023
			Subtotal: \$2,324	\$2,854		
New			Total Project Cost:	\$5,178		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-140 2.3/49.0 3074 1013000243	In and near the cities of Gustine and Merced, from Outside Canal Bridge No. 39-0055 to 1.3 miles west of Mariposa County line, at various locations. Replace bridge approach guardrail on two bridges and removal of obstructions from clear recovery zone at eleven locations.	0Y130 2021-22	R/W: \$355 Con: \$4,225	PA&ED: \$1,279 PS&E: \$769 R/W Sup: \$252 Con Sup: \$1,172	Prior 20-21 20-21 21-22	PA&ED: 1/29/2020 R/W Cert: 11/15/2021 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover			Subtotal: \$4,580	\$3,472		
			Total Project Cost:	\$8,052		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

10-Merced-152 26.3/R40.7 3740 1017000043	Near Los Banos, from 0.4 mile east of Midway Road to 0.2 mile west of Route 59. Upgrade guardrail to make standard.	1C370 2020-21	R/W: \$13 Con: \$2,598	PA&ED: \$650 PS&E: \$939 R/W Sup: \$12 Con Sup: \$745	Prior Prior Prior 20-21	PA&ED: 9/19/2019 R/W Cert: 8/26/2020 RTL: 10/1/2020 Begin Con: 6/17/2021
Carryover			Subtotal: \$2,611	\$2,346		
			Total Project Cost:	\$4,957		

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

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



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

10-Merced-33	In and near Dos Palos, from Christian	1G250	R/W: \$6	PA&ED: \$1,134	20-21	PA&ED: 9/24/2021
R0.4/1.5	Avenue to north of Santos street; also	2022-23	Con: \$4,463	PS&E: \$1,594	21-22	R/W Cert: 10/14/2022
3441	in Gustine on Route 140 from east of			R/W Sup:		RTL: 4/21/2023
1018000276	Jensen Road to 2nd Street (PM			Con Sup: \$1,330	22-23	Begin Con: 12/15/2023
	4.8/6.2). Upgrade facilities to		Subtotal: \$4,469	\$4,058		
New	Americans with Disabilities Act (ADA)		Total Project Cost:	\$8,527		
	standards.					

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 72 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	72.0	72.0	Each
Post Condition	72.0	0.0	0.0	72.0	Each

BRIDGE PRESERVATION

10-Merced-152	In Merced County, on Routes 152,	0G830	R/W: \$1,700	PA&ED: \$982	Prior	PA&ED: 12/20/2019
	140, and 59 at various locations.	2022-23	Con: \$13,500	PS&E: \$3,000	20-21	R/W Cert: 8/1/2022
3122	Seismic retrofit and bridge rail			R/W Sup: \$400	20-21	RTL: 10/1/2022
1012000316	upgrade of seven bridges.			Con Sup: \$3,000	22-23	Begin Con: 4/5/2023
			Subtotal: \$15,200	\$7,382		
Carryover			Total Project Cost:	\$22,582		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 7 Bridge(s)

Primary Asset

<u>(Seismic)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	92,925.0	92,925.0	Square feet
Post Condition	95,291.0	0.0	0.0	95,291.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 39-0009L	Fair	Fair
Bridge No. 39-0009R	Fair	Fair
Bridge No. 39-0028L	Good	Good
Bridge No. 39-0034L	Good	Good
Bridge No. 39-0034R	Good	Good
Bridge No. 39-0090	Good	Good
Bridge No. 39-0092	Good	Good

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Merced-5 3102 1015000038 Carryover	In Merced, San Joaquin, Mariposa and Stanislaus Counties, on various routes at various locations. Scour mitigation and preventative structural maintenance measures at thirteen bridges.	1C810 2020-21	R/W: \$206 Con: \$3,200	PA&ED: \$819 PS&E: \$950 R/W Sup: \$542 Con Sup: \$1,200	Prior Prior Prior 20-21	PA&ED: 8/22/2018 R/W Cert: 12/1/2020 RTL: 12/18/2020 Begin Con: 7/23/2021
			Subtotal: \$3,406	\$3,511		
			Total Project Cost:	\$6,917		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 13 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	15,484.0	15,586.0	17,265.0	48,335.0	Square feet
Post Condition	48,335.0	0.0	0.0	48,335.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0008R	Good	Good
Bridge No. 29-0014	Fair	Good
Bridge No. 29-0060	Fair	Good
Bridge No. 29-0061	Good	Good
Bridge No. 38-0039	Good	Fair
Bridge No. 38-0062	Poor	Fair
Bridge No. 38-0065	Good	Good
Bridge No. 39-0035L	Fair	Fair
Bridge No. 39-0153L	Poor	Poor
Bridge No. 39-0153R	Poor	Poor
Bridge No. 39-0167L	Fair	Fair
Bridge No. 39-0167R	Fair	Good
Bridge No. 40-0021	Good	Good

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



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

10-Merced-59	Near Merced, from Route 152 to Reilly	0V690	R/W: \$908	PA&ED: \$1,415	20-21	PA&ED: 5/20/2022
R0.0/12.1	Road. Rehabilitate pavement,	2023-24	Con: \$20,020	PS&E: \$1,962	22-23	R/W Cert: 5/6/2024
3439	upgrade guardrail and lighting,			R/W Sup: \$610	22-23	RTL: 6/13/2024
1018000284	replace sign panels, construct rumble			Con Sup: \$2,639	23-24	Begin Con: 12/30/2024
	strips, rehabilitate drainage, replace		Subtotal: \$20,928	\$6,626		
New	one bridge, and rehabilitate two		Total Project Cost:	\$27,554		
	bridge decks.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	22.3	0.0	24.0	Lane mile(s)
Post Condition	24.0	0.0	0.0	24.0	Lane mile(s)

10-Merced-99	In and near Atwater, from 0.4 mile	3A721	R/W: \$5	PA&ED: \$400	Prior	PA&ED: 7/1/2020
20.1/24.3	south of Buhach Road to south of	2021-22	Con: \$1,000	PS&E: \$690	20-21	R/W Cert: 10/1/2021
5431Y	Westside Boulevard. Landscape			R/W Sup: \$10	20-21	RTL: 10/15/2021
1019000020	mitigation for roadway rehabilitation			Con Sup: \$1,100	21-22	Begin Con: 4/1/2022
	project EA 3A720.		Subtotal: \$1,005	\$2,200		
Carryover			Total Project Cost:	\$3,205		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 0.0 Lane mile(s)

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



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

10-Merced-140 16.0/16.5 3438 1017000175	Near Hilmar, at the intersection of Route 140 (PM 16.0/16.5) and Route 165 (PM 26.6/27.1). Install a signal with dedicated left turn lanes or construct roundabout.	1H020 2023-24	R/W: \$255 Con: \$4,945	PA&ED: \$1,378 PS&E: \$1,581 R/W Sup: \$641 Con Sup: \$1,071	20-21 22-23 22-23 23-24	PA&ED: 6/10/2022 R/W Cert: 5/13/2024 RTL: 5/30/2024 Begin Con: 12/30/2024
			Subtotal: \$5,200	\$4,671		
			Total Project Cost:	\$9,871		

New

Program 201.310 Operational Improvements
Project Output(s) 53.2 Daily vehicle hour(s) of delay (DVHD)

10-Merced-152 11.3 3214 1017000005	Near Los Banos, at Route 33 Interchange; also on Route 5 (PM 6.3) at Route 165 Interchange. Improve the truck turn radius.	0T680 2021-22	R/W: \$274 Con: \$2,216	PA&ED: \$495 PS&E: \$850 R/W Sup: \$64 Con Sup: \$630	Prior Prior Prior 21-22	PA&ED: 5/15/2020 R/W Cert: 11/15/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
			Subtotal: \$2,490	\$2,039		
			Total Project Cost:	\$4,529		

Carryover

Program 201.310 Operational Improvements
Project Output(s) 48.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Merced
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
10-Merced-165 11.7 3447 1017000177	In Merced County, on Routes 165, 5, 33, and 140 at various locations. Widen shoulders to accommodate truck turning movements, rehabilitate pavement and drainage system, install Transportation Management System (TMS) elements, and replace signs.	0T69U 2023-24	R/W: \$940 Con: \$4,520	PA&ED: \$840 PS&E: \$920 R/W Sup: \$290 Con Sup: \$950	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 1/5/2024 RTL: 2/1/2024 Begin Con: 9/2/2024	
New			Subtotal: \$5,460	\$3,000			
			Total Project Cost:	\$8,460			

Program 201.310 Operational Improvements
Project Output(s) 144.6 Daily vehicle hour(s) of delay (DVHD)

ROADSIDE PRESERVATION

10-Merced-5 0.5/0.8 3215 1016000046	Near Los Banos and Firebaugh, at the John "Chuck" Erreca Safety Roadside Rest Area (SRRRA). Rehabilitate northbound and southbound SRRRA facilities.	1C790 2020-21	R/W: \$5 Con: \$23,913	PA&ED: \$925 PS&E: \$2,970 R/W Sup: \$10 Con Sup: \$3,150	Prior Prior Prior 20-21	PA&ED: 2/6/2019 R/W Cert: 10/31/2020 RTL: 11/20/2020 Begin Con: 5/1/2021
Carryover			Subtotal: \$23,918	\$7,055		
			Total Project Cost:	\$30,973		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

Merced County

R/W:	\$4,987	PA&ED:	\$11,474
Const:	\$88,431	PS&E:	\$18,644
		R/W Sup:	\$2,944
		Con Sup:	\$18,366
Subtotal:	\$93,418		\$51,428
Total (Capital + Support):			\$144,846

V4.0 2020 SHOPP Project List
Modoc
(\$1,000)



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

02-Modoc-139	Near Canby, from 1.3 miles north of	0H570	R/W: \$71	PA&ED: \$890	Prior	PA&ED: 5/15/2021
R3.5/30.3	Howards Gulch Bridge to 0.1 mile	2021-22	Con: \$1,481	PS&E: \$360	20-21	R/W Cert: 5/22/2022
3589	south of Clear Lake Road, at various			R/W Sup: \$250	20-21	RTL: 6/1/2022
0215000052	locations. Improve drainage facilities			Con Sup: \$700	21-22	Begin Con: 9/20/2022
	by repairing or replacing culverts.					
			Subtotal: \$1,552	\$2,200		
Carryover			Total Project Cost:	\$3,752		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	244.2	613.1	857.3	Linear feet
Post Condition	908.5	0.0	0.0	908.5	Linear feet

Modoc County

R/W:	\$71	PA&ED:	\$890
Const:	\$1,481	PS&E:	\$360
		R/W Sup:	\$250
		Con Sup:	\$700
Subtotal:	\$1,552		\$2,200
Total (Capital + Support):			\$3,752

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



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

09-Mono-395 6.9/9.6 0662 0914000003	Near Tom's place, from 2.4 miles south of Lower Rock Creek Road to 0.3 mile north of Lower Rock Creek Road. Widen shoulders, flatten slopes, install ground in rumble strips, reconstruct and install guardrail.	36070 2020-21	R/W: \$368 Con: \$13,740	PA&ED: \$922 PS&E: \$2,037 R/W Sup: \$485 Con Sup: \$2,799	Prior Prior Prior 20-21	PA&ED: 8/23/2018 R/W Cert: 6/30/2020 RTL: 8/1/2020 Begin Con: 11/9/2020
<i>Carryover</i>			Subtotal: \$14,108	\$6,243		
			Total Project Cost:	\$20,351		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

09-Mono-395 58.2/60.2 2624 0916000006	Near Lee Vining, from Route 167 Junction to 0.2 mile north of Conway Ranch Road. Widen shoulders, install shoulder rumble strip, correct compound curve, and improve chain control area.	36640 2021-22	R/W: \$506 Con: \$5,490	PA&ED: \$520 PS&E: \$830 R/W Sup: \$590 Con Sup: \$1,440	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 6/30/2022 RTL: 6/30/2022 Begin Con: 1/5/2023
<i>Carryover</i>			Subtotal: \$5,996	\$3,380		
			Total Project Cost:	\$9,376		

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

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 91.6/93.4 2460 0917000011	Near Bridgeport, from Burcham Flat Road to 0.3 mile south of Route 395/108 Junction. Widen shoulders, install rumble strips, and correct cross slope at three curves.	36800 2022-23	R/W: \$1,855 Con: \$12,567	PA&ED: \$1,395 PS&E: \$1,764 R/W Sup: \$395 Con Sup: \$2,084	Prior 20-21 20-21 22-23	PA&ED: 6/1/2021 R/W Cert: 6/8/2023 RTL: 6/8/2023 Begin Con: 12/14/2023
<i>Carryover</i>			Subtotal: \$14,422	\$5,638		
			Total Project Cost:	\$20,060		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

09-Mono-395 R2.2/R69.9 2616 0916000008	In Mono County, on Route 395 at various locations; also in Mono County, on Route 6 at approximately 7.0 miles north of Bishop (PM 7.0). Improve the chain control turnouts by widening and lengthening the pavement area, install lighting, improve signage, construct a median cross-over, and construct two new chain control turnouts.	36660 2020-21	R/W: \$5 Con: \$5,710	PA&ED: \$260 PS&E: \$300 R/W Sup: \$10 Con Sup: \$740	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/22/2021 Begin Con: 6/23/2021
<i>Carryover</i>			Subtotal: \$5,715	\$1,310		
			Total Project Cost:	\$7,025		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 13 Location(s)

V4.0 2020 SHOPP Project List
Mono
(\$1,000)



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

09-Mono-395	Near Lee Vining, from Route 120	37430	R/W: \$337	PA&ED: \$2,512	20-21	PA&ED: 3/1/2022
50.6/55.7	(West) to Cemetery Road. Upgrade	2023-24	Con: \$14,132	PS&E: \$2,304	21-22	R/W Cert: 6/17/2024
2645	facilities to Americans with Disabilities			R/W Sup: \$1,658	21-22	RTL: 6/17/2024
0918000015	Act (ADA) standards, rehabilitate			Con Sup: \$2,692	23-24	Begin Con: 12/24/2024
	drainage, replace signs and		Subtotal: \$14,469	\$9,166		
New	guardrail, and make bicycle		Total Project Cost:	\$23,635		
	improvements.					

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 26 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.0	26.0	Each
Post Condition	26.0	0.0	0.0	26.0	Each

ROADWAY PRESERVATION

09-Mono-395	Near Toms Place, from 0.5 mile north	37880	R/W: \$34	PA&ED: \$652	20-21	PA&ED: 1/14/2022
R9.8/R12.6	of Rock Creek road to 1.3 miles south	2023-24	Con: \$10,358	PS&E: \$705	21-22	R/W Cert: 5/18/2023
2669	of South Landing Road. Rehabilitate			R/W Sup: \$77	21-22	RTL: 10/27/2023
0919000002	pavement, replace signs, rehabilitate			Con Sup: \$1,717	23-24	Begin Con: 4/12/2024
	drainage systems, and upgrade		Subtotal: \$10,392	\$3,151		
New	guardrail and lighting.		Total Project Cost:	\$13,543		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.2 Lane mile(s)

Primary Asset

<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.2	0.0	11.2 Lane mile(s)
Post Condition	11.2	0.0	0.0	11.2 Lane mile(s)

V4.0 2020 SHOPP Project List

Mono
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
09-Mono-395 55.5/58.2 2673 091900001	Near Mono City, from south of Cemetery Road to Route 167 (east). Rehabilitate pavement, remove and replace dikes and signs, and upgrade guardrail.	37870 2022-23	R/W: Con: \$8,337	PA&ED: PS&E: R/W Sup: Con Sup: \$835	\$420 20-21 \$581 21-22 \$22 21-22 \$835 22-23	PA&ED: 7/1/2021 R/W Cert: 2/1/2022 RTL: 8/12/2022 Begin Con: 1/27/2023
New			Subtotal: \$8,337	\$1,858		
			Total Project Cost:	\$10,195		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.4	0.0	9.4	Lane mile(s)
Post Condition	9.4	0.0	0.0	9.4	Lane mile(s)

Mono County

R/W:	\$3,105	PA&ED:	\$6,681
Const:	\$70,334	PS&E:	\$8,521
		R/W Sup:	\$3,237
		Con Sup:	\$12,307
Subtotal:	\$73,439		\$30,746
Total (Capital + Support):			\$104,185

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



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

05-Monterey-1 27.5/27.7 2853 0518000105	Near Lucia, from 0.6 mile to 0.8 mile south of Big Creek Bridge. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K010 2021-22	R/W: \$163 Con: \$6,925	PA&ED: \$1,049 PS&E: \$1,607 R/W Sup: \$359 Con Sup: \$2,092	Prior 20-21 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 2/1/2022 RTL: 5/1/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,088	\$5,107		
			Total Project Cost:	\$12,195		

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

05-Monterey-1 45.4/45.6 2855 0518000118	Near Big Sur, at the Pfeiffer Canyon Bridge No. 44-0060. Environmental mitigation (planting, erosion control, utility relocation) for project EA 1J130.	1K080 2021-22	R/W: \$2,800 Con: \$550	PA&ED: PS&E: \$530 R/W Sup: \$600 Con Sup: \$510	Prior Prior 21-22	PA&ED: 4/2/2019 R/W Cert: 8/9/2021 RTL: 9/8/2021 Begin Con: 3/23/2022
<i>Carryover</i>			Subtotal: \$3,350	\$1,640		
			Total Project Cost:	\$4,990		

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

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 55.7/55.9 2849 0518000114	Near Big Sur, south of Little Sur River Bridge. Construct earth retaining wall.	1K050 2021-22	R/W: \$44 Con: \$2,924	PA&ED: \$1,031 PS&E: \$1,655 R/W Sup: \$100 Con Sup: \$1,336	Prior 20-21 20-21 21-22	PA&ED: 9/25/2020 R/W Cert: 1/5/2022 RTL: 5/6/2022 Begin Con: 11/17/2022
			Subtotal: \$2,968	\$4,122		
<i>Carryover</i>			Total Project Cost:	\$7,090		

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

COLLISION REDUCTION

05-Monterey-1 74.8/R102.0 2883 0519000033	In and near the cities of Monterey, Marina, and Salinas, on Routes 1, 68, and 156 at various locations. Construct rumble strips.	1K860 2020-21	R/W: Con: \$1,466	PA&ED: PS&E: \$553 R/W Sup: \$29 Con Sup: \$481	Prior Prior 20-21	PA&ED: 12/16/2019 R/W Cert: 4/20/2020 RTL: 11/19/2020 Begin Con: 6/8/2021
			Subtotal: \$1,466	\$1,063		
<i>Carryover</i>			Total Project Cost:	\$2,529		

Program 201.010 Safety Improvements
Project Output(s) 231 Collision(s) reduced

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 3.4/3.8 2742 0517000113	Near Pacific Grove, from Skyline Forest Drive to west of Route 1; also from Haul Road to west of Skyline Forest Drive (PM 2.7/3.2). Increase safety by improving roadway cross slope at curve, sight distance, widen shoulders, install rumble strip, tapered edge treatment and construct drainage improvements.	1J460 2021-22	R/W: \$199 Con: \$7,081	PA&ED: \$1,207 PS&E: \$2,053 R/W Sup: \$356 Con Sup: \$1,531	Prior 20-21 20-21 21-22	PA&ED: 12/4/2020 R/W Cert: 5/27/2022 RTL: 6/9/2022 Begin Con: 1/24/2023
<i>Carryover</i>			Subtotal: \$7,280	\$5,147		
			Total Project Cost:	\$12,427		

Program 201.010 Safety Improvements
Project Output(s) 182 Collision(s) reduced

05-Monterey-101 R41.5/49.8 2312Y 0516000125	In and near King City, from 0.1 mile south of Broadway Street to 0.1 mile north of Broadway Street and from Jolon Road to 0.2 mile north of Jolon Road. Landscape mitigation.	0T991 2021-22	R/W: Con: \$886	PA&ED: PS&E: \$344 R/W Sup: Con Sup: \$524	Prior 21-22	PA&ED: 1/29/2015 R/W Cert: 11/2/2021 RTL: 6/17/2022 Begin Con: 1/26/2023
<i>Carryover</i>			Subtotal: \$886	\$868		
			Total Project Cost:	\$1,754		

Program 201.015 Collision Severity Reduction
Project Output(s) 0 Collision(s) reduced

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 87.4/87.8 2635 0516000018	In and near Salinas, from 0.1 mile north of East Market Street to 0.1 mile south of Sherwood Drive. Lengthen the onramp to improve merging conflicts.	1H050 2021-22	R/W: \$5 Con: \$4,750	PA&ED: \$700 PS&E: \$1,900 R/W Sup: \$190 Con Sup: \$2,000	Prior Prior Prior 21-22	PA&ED: 10/2/2019 R/W Cert: 4/23/2021 RTL: 8/6/2021 Begin Con: 2/23/2022
<i>Carryover</i>			Subtotal: \$4,755	\$4,790		
			Total Project Cost:	\$9,545		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

MANDATES

05-Monterey-68 0.5/0.8 2647 0516000041	In Pacific Grove, from 17 Mile Drive to Congress Avenue. Construct Americans with Disabilities Act (ADA) compliant pathway along eastbound Route 68, upgrade curb ramps and sidewalk to meet ADA standards. Relocate streetlight pole and signs, remove and replant trees.	1H220 2021-22	R/W: \$54 Con: \$985	PA&ED: \$313 PS&E: \$790 R/W Sup: \$48 Con Sup: \$586	Prior Prior Prior 21-22	PA&ED: 5/31/2019 R/W Cert: 3/17/2021 RTL: 7/19/2021 Begin Con: 3/14/2022
<i>Carryover</i>			Subtotal: \$1,039	\$1,737		
			Total Project Cost:	\$2,776		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 8 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8.0	8.0	Each
Post Condition	8.0	0.0	0.0	8.0	Each

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-218 R0.2/L0.9 2648 0516000042	In Seaside, from El Monte Road to Fremont Boulevard. Construct new sidewalks/upgrade pedestrian pathway and construct/upgrade curb ramps to meet current standards.	1H230 2021-22	R/W: \$417 Con: \$1,238	PA&ED: \$630 PS&E: \$1,269 R/W Sup: \$1,016 Con Sup: \$547	Prior Prior Prior 21-22	PA&ED: 6/12/2019 R/W Cert: 11/1/2021 RTL: 12/29/2021 Begin Con: 7/5/2022
Carryover			Subtotal: \$1,655 Total Project Cost:	\$3,462 \$5,117		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 13 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	13.0	0.0	0.0	13.0	Each

BRIDGE PRESERVATION

05-Monterey-1 63.0 2654 0516000077	Near Carmel-By-The Sea, at Garrapata Creek No. 44-0018. Rehabilitate bridge to extend the service life and mitigate corrosion by applying Electrochemical Chloride Extraction (ECE) process and waterproofing to the structure.	1H460 2020-21	R/W: \$115 Con: \$9,593	PA&ED: \$700 PS&E: \$1,500 R/W Sup: \$90 Con Sup: \$2,160	Prior Prior Prior 20-21	PA&ED: 5/8/2019 R/W Cert: 9/16/2020 RTL: 1/28/2021 Begin Con: 7/29/2021
Carryover			Subtotal: \$9,708 Total Project Cost:	\$4,450 \$14,158		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7,868.0	0.0	7,868.0	Square feet
Post Condition	7,868.0	0.0	0.0	7,868.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0018	Fair	Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 62.1/63.2 9700 0513000017	Near Soledad, from Route 146 to Front Street at the North Soledad Overhead No. 44-0091R. Rehabilitate bridge.	0F970 2020-21	R/W: \$1,578 Con: \$11,500	PA&ED: \$34 PS&E: \$2,006 R/W Sup: \$58 Con Sup: \$1,535	Prior Prior Prior 20-21	PA&ED: 9/2/2014 R/W Cert: 7/1/2020 RTL: 11/2/2020 Begin Con: 5/27/2021
<i>Carryover</i>			Subtotal: \$13,078	\$3,633		
			Total Project Cost:	\$16,711		

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

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,592.0	0.0	10,592.0	Square feet
Post Condition	15,755.0	0.0	0.0	15,755.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0091R	Fair	Good

05-Monterey-1 43.1 2656 0516000081	Near Big Sur, at the Castro Canon Bridge No. 44-0035. Upgrade bridge railing and approach railings to meet current standards.	1H490 2021-22	R/W: \$41 Con: \$1,672	PA&ED: \$608 PS&E: \$1,345 R/W Sup: \$141 Con Sup: \$794	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 9/1/2022
<i>Carryover</i>			Subtotal: \$1,713	\$2,888		
			Total Project Cost:	\$4,601		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 478.0 Linear feet
1 Bridge(s)

Primary Asset (Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	478.0	478.0	Linear feet rail
Post Condition	478.0	0.0	0.0	478.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 44-0035	Good	Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-1 63.0 2696 0516000163	Near Carmel-by-the-Sea, at the Garrapata Creek Bridge No. 44-0018. Replace bridge railing to meet current traffic safety standards.	1H800 2022-23	R/W: \$5 Con: \$3,000	PA&ED: \$1,600 PS&E: \$1,900 R/W Sup: \$130 Con Sup: \$1,300	Prior 20-21 20-21 22-23	PA&ED: 4/2/2021 R/W Cert: 10/21/2022 RTL: 2/14/2023 Begin Con: 9/8/2023
<i>Carryover</i>			Subtotal: \$3,005	\$4,930		
			Total Project Cost:	\$7,935		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 603.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	603.0	603.0	Linear feet rail
Post Condition	603.0	0.0	0.0	603.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 44-0018 Fair Fair

05-Monterey-156 R1.4/R2.0 0900A 0513000028	Near Castroville, from Route 183 to Castroville Boulevard. Upgrade bridge railing and widen overhead.	0A090 2020-21	R/W: \$293 Con: \$6,600	PA&ED: \$70 PS&E: \$1,800 R/W Sup: \$130 Con Sup: \$1,800	Prior Prior Prior 20-21	PA&ED: 9/2/2014 R/W Cert: 8/3/2020 RTL: 10/5/2020 Begin Con: 4/7/2021
<i>Carryover</i>			Subtotal: \$6,893	\$3,800		
			Total Project Cost:	\$10,693		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 400.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	400.0	400.0	Linear feet rail
Post Condition	400.0	0.0	0.0	400.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 44-0033L Good Good

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



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

05-Monterey-68 1.1/L4.3 2631 0516000011	In and near Pacific Grove, from Forest Avenue to Route 1 (PM L4.264). Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1H000 2020-21	R/W: \$70 Con: \$7,996	PA&ED: \$482 PS&E: \$1,638 R/W Sup: \$312 Con Sup: \$1,675	Prior Prior Prior 20-21	PA&ED: 3/11/2019 R/W Cert: 12/8/2020 RTL: 1/8/2021 Begin Con: 8/10/2021
<i>Carryover</i>			Subtotal: \$8,066	\$4,107		
			Total Project Cost:	\$12,173		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.5	0.0	6.5	Lane mile(s)
Post Condition	6.5	0.0	0.0	6.5	Lane mile(s)

05-Monterey-101 R41.9/49.8 2900 0518000208	Near King City, from Jolon Road to Lagomarsino Avenue. Rehabilitate pavement, drainage systems, and lighting, and install Transportation Management System (TMS) elements.	1K440 2023-24	R/W: \$61 * Con: \$27,691	PA&ED: \$1,151 PS&E: \$2,021 R/W Sup: \$224 * Con Sup: \$4,157	20-21 21-22 21-22 23-24	PA&ED: 6/30/2022 R/W Cert: 4/4/2024 RTL: 6/21/2024 Begin Con: 1/7/2025
<i>New</i>	(G13 Contingency)		Subtotal: \$27,752	\$7,553		
			Total Project Cost:	\$35,305		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.0	27.0	0.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-101 R91.5/101.3 2679 0516000140	Near Salinas, from 0.3 mile north of Boronda Road to San Benito County line. Rehabilitate pavement, upgrade median barrier and guardrail, and repair drainage system.	1H690 2021-22	R/W: \$393 * Con: \$75,000	PA&ED: \$4,500 PS&E: \$6,300 R/W Sup: \$1,300 * Con Sup: \$12,600	Prior 21-22 21-22 21-22	PA&ED: 8/18/2021 R/W Cert: 5/9/2022 RTL: 6/9/2022 Begin Con: 1/4/2023
Carryover	(G13 Contingency)		Subtotal: \$75,393	\$24,700		
			Total Project Cost:	\$100,093		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.1	33.8	0.3	43.2	Lane mile(s)
Post Condition	43.2	0.0	0.0	43.2	Lane mile(s)

05-Monterey-183 R2.1/R8.3 2899 0518000207	Near Salinas and Castroville, from north of Davis Road to south of Del Monte Avenue. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1K430 2022-23	R/W: \$13 Con: \$6,439	PA&ED: \$634 PS&E: \$1,430 R/W Sup: \$43 Con Sup: \$1,308	20-21 21-22 21-22 22-23	PA&ED: 9/12/2021 R/W Cert: 2/21/2023 RTL: 6/29/2023 Begin Con: 1/12/2024
New			Subtotal: \$6,452	\$3,415		
			Total Project Cost:	\$9,867		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.7	0.0	12.7	Lane mile(s)
Post Condition	12.7	0.0	0.0	12.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Monterey
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Monterey-68 0.2/15.9 2787 0518000083	In and near the city of Monterey, from west of Sunset Drive to Toro Park Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1J880 2023-24	R/W: \$900 Con: \$7,600	PA&ED: \$1,900 PS&E: \$2,600 R/W Sup: \$2,300 Con Sup: \$2,500	20-21 21-22 21-22 23-24	PA&ED: 6/1/2022 R/W Cert: 4/2/2024 RTL: 5/1/2024 Begin Con: 11/14/2024
New			Subtotal: \$8,500	\$9,300		
			Total Project Cost:	\$17,800		

Program 201.151 Drainage System Restoration
Project Output(s) 34 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	799.0	2,085.0	2,884.0	Linear feet
Post Condition	2,884.0	0.0	0.0	2,884.0	Linear feet

MULTIPLE OBJECTIVE

05-Monterey-183 R8.4/9.8 2678 0516000118	In Castroville from Del Monte Avenue to Washington Street, a multi- objective Asset Management Pilot Project. Rehabilitate Pavement, repair bridge, construct storm drainage system improvements, construct Transportation Management System (TMS) elements, improve pedestrian, bicycle, and American with Disabilities Act (ADA) facilities.	1H650 2022-23	R/W: \$2,300 Con: \$20,300	PA&ED: \$2,600 PS&E: \$3,000 R/W Sup: \$6,600 Con Sup: \$3,200	Prior 20-21 20-21 22-23	PA&ED: 7/2/2020 R/W Cert: 6/27/2022 RTL: 5/1/2023 Begin Con: 12/13/2023
Carryover			Subtotal: \$22,600	\$15,400		
			Total Project Cost:	\$38,000		

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

Monterey County

R/W:	\$9,451	PA&ED:	\$19,209
Const:	\$204,196	PS&E:	\$36,241
		R/W Sup:	\$14,026
		Con Sup:	\$42,636
Subtotal:	\$213,647		\$112,112
Total (Capital + Support):			\$325,759

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



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

04-Napa-12 2.1/2.6 2021F 0418000137	Near the city of Napa, from 1.2 miles to 0.7 mile west of the Solano County line. Repair storm damaged slopes at two locations with Rock Slope Protection (RSP) and restore ditches.	0Q690 2021-22	R/W: \$134 Con: \$1,245	PA&ED: \$308 PS&E: \$320 R/W Sup: \$150 Con Sup: \$400	Prior 20-21 21-22	PA&ED: 11/10/2020 R/W Cert: 5/5/2022 RTL: 6/10/2022 Begin Con: 3/9/2023
			Subtotal: \$1,379	\$1,178		
<i>Carryover</i>			Total Project Cost:	\$2,557		

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

COLLISION REDUCTION

04-Napa-121 0.5/1.0 1775H 0418000217	Near Napa, at Huichica Creek (PM 0.75). Mitigation planting, monitoring and reporting for EA 4G210.	4G21A 2021-22	R/W: Con: \$1,000	PA&ED: PS&E: R/W Sup: Con Sup: \$900	21-22	PA&ED: 4/9/2018 R/W Cert: 6/29/2022 RTL: 6/29/2022 Begin Con: 12/8/2023
			Subtotal: \$1,000	\$900		
<i>Carryover</i>			Total Project Cost:	\$1,900		

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

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



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

04-Napa-29 33.1 1464K 0416000037	Near Calistoga, at 0.3 mile south of Bothe-Napa Valley State Park entrance at Ritchie Creek Bridge No. 21-0057. Replace bridge and provide financial contributions to improve fish passage barriers at the site for compliance unit credits towards Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals.	4J990 2021-22	R/W: \$590 Con: \$5,099	PA&ED: \$1,820 PS&E: \$1,300 R/W Sup: \$167 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/16/2022 RTL: 6/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$5,689	\$4,587		
			Total Project Cost:	\$10,276		

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

04-Napa-29 0.2/14.6 1496E 0416000040	In and near the cities of American Canyon and Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make facilities compliant with Americans with Disabilities Act (ADA) requirements.	0K000 2020-21	R/W: \$80 Con: \$989	PA&ED: \$275 PS&E: \$276 R/W Sup: \$92 Con Sup: \$203	Prior Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 1/1/2021 RTL: 3/1/2021 Begin Con: 10/2/2021
<i>Carryover</i>			Subtotal: \$1,069	\$846		
			Total Project Cost:	\$1,915		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	19.0	19.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



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

04-Napa-121 6.4/6.5 1493C 0416000041	In the city of Napa, at Tulocay Creek Bridge No. 21-0003 (PM 6.423). Replace existing bridge with a single span precast concrete box girder bridge.	4J820 2023-24	R/W: \$6,282 Con: \$15,580	PA&ED: \$3,302 PS&E: \$3,248 R/W Sup: \$1,050 Con Sup: \$3,510	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
<i>New</i>			Subtotal: \$21,862	\$11,110		
			Total Project Cost:	\$32,972		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,229.0	3,229.0	Square feet
Post Condition	7,675.0	0.0	0.0	7,675.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 21-0003	Poor	Good
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04-Napa-128 5.1 1451C 0416000038	Near Rutherford, at Hopper Slough Bridge No. 21-0019. Replace bridge.	4J830 2021-22	R/W: \$1,514 Con: \$7,864	PA&ED: \$2,074 PS&E: \$1,988 R/W Sup: \$206 Con Sup: \$2,014	Prior 20-21 Prior 21-22	PA&ED: 10/2/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 1/10/2023
<i>Carryover</i>			Subtotal: \$9,378	\$6,282		
			Total Project Cost:	\$15,660		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	926.0	926.0	Square feet
Post Condition	2,762.0	0.0	0.0	2,762.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 21-0019	Poor	Good
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V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-128 20.1/20.4 0830C 0419000004	Near Napa, at Capell Creek Bridge No. 21-0078. Environmental mitigation and plant establishment for rehabilitate bridge project EA 4G840.	4G84A 2021-22	R/W: \$776 Con: \$500	PA&ED: PS&E: R/W Sup: \$10 Con Sup: \$250	21-22 21-22	PA&ED: 6/16/2016 R/W Cert: 7/15/2021 RTL: 8/15/2021 Begin Con: 3/15/2022
<i>Carryover</i>			Subtotal: \$1,276	\$260		
			Total Project Cost:	\$1,536		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

04-Napa-128 R7.4 0587K 0418000436	Near Rutherford, at Conn Creek Bridge No. 21-0021. Plant establishment mitigation for bridge replacement project EA 1G430.	1G43A 2020-21	R/W: \$30 Con: \$220	PA&ED: PS&E: \$30 R/W Sup: \$20 Con Sup: \$200	Prior Prior 20-21	PA&ED: 10/5/2015 R/W Cert: 4/2/2021 RTL: 5/7/2021 Begin Con: 2/4/2022
<i>Carryover</i>			Subtotal: \$250	\$250		
			Total Project Cost:	\$500		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS		Milestones
					Allocation FY		
04-Napa-29 14.1/19.0 1494E 0416000111	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	0K630 2021-22	R/W: \$295 Con: \$7,111	PA&ED: \$2,600 PS&E: \$1,200 R/W Sup: \$350 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 6/1/2022 Begin Con: 12/29/2022	
Carryover			Subtotal: \$7,406 Total Project Cost:	\$5,650 \$13,056			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 682.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	682.0	682.0	Linear feet rail
Post Condition	682.0	0.0	0.0	682.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 21-0014	Good	Good
Bridge No. 21-0047	Fair	Fair
Bridge No. 21-0048	Good	Good
Bridge No. 21-0051	Good	Good

04-Napa-29 28.4/29.3 1462K 0416000375	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge rails.	2K150 2022-23	R/W: \$748 Con: \$4,188	PA&ED: \$1,040 PS&E: \$800 R/W Sup: \$500 Con Sup: \$800	Prior 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 4/1/2023 RTL: 4/3/2023 Begin Con: 10/1/2023
Carryover			Subtotal: \$4,936 Total Project Cost:	\$3,140 \$8,076		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 328.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	203.0	203.0	Linear feet rail
Post Condition	203.0	0.0	0.0	203.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 21-0016	Good	Good
Bridge No. 21-0017	Good	Good

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 38.9/42.9 1483E 0418000401	Near Calistoga, at Garnett Creek Bridge No. 21-0005 (PM 39.08), Garnet Creek Branch Bridge No. 21-0111 (PM 38.96), and No Name Creek Bridge No. 21-0100 (PM 42.83). Bridge	2J88U 2020-21	R/W: \$2,166 Con: \$5,266	PA&ED: \$1,320 PS&E: \$1,810 R/W Sup: \$566 Con Sup: \$1,950	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 11/1/2020 RTL: 12/15/2020 Begin Con: 6/15/2021
Carryover	preventative maintenance and scour mitigation.		Subtotal: \$7,432	\$5,646		
			Total Project Cost:	\$13,078		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

<u>Primary Asset (Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,055.0	2,717.0	3,772.0	Square feet
Post Condition	3,772.0	0.0	0.0	3,772.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 21-005	Poor	Poor
Bridge No. 21-0100	Poor	Good
Bridge No. 21-0111	Fair	Fair

ROADWAY PRESERVATION

04-Napa-29 R7.3/13.5 2027P 0419000030	In the city of Napa, from north of Napa River Bridge to south of Sierra Avenue. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q610 2023-24	R/W: \$107 Con: \$23,299	PA&ED: \$2,454 PS&E: \$2,343 R/W Sup: \$170 Con Sup: \$2,488	20-21 22-23 22-23 23-24	PA&ED: 1/3/2022 R/W Cert: 4/1/2024 RTL: 4/29/2024 Begin Con: 3/3/2025
New			Subtotal: \$23,406	\$7,455		
			Total Project Cost:	\$30,861		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 25.3 Lane mile(s)

<u>Primary Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.1	5.2	25.3	Lane mile(s)
Post Condition	25.3	0.0	0.0	25.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 29.3/36.9 1490D 0415000320	In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement rehabilitation.	4J300 2020-21	R/W: \$20 Con: \$9,647	PA&ED: \$900 PS&E: \$1,100 R/W Sup: \$44 Con Sup: \$1,100	Prior Prior Prior 20-21	PA&ED: 7/10/2020 R/W Cert: 2/19/2021 RTL: 5/7/2021 Begin Con: 4/1/2022
			Subtotal: \$9,667	\$3,144		
Carryover			Total Project Cost:	\$12,811		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.8	4.4	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-Napa-121 R4.5/10.7 2025N 0418000310	In and near the city of Napa, from Route 29 to north of Vichy Avenue. Rehabilitate pavement, upgrade signs and guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q620 2023-24	R/W: \$1,220 Con: \$20,942	PA&ED: \$1,140 PS&E: \$2,010 R/W Sup: \$3,170 Con Sup: \$3,970	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 7/3/2023 RTL: 8/4/2023 Begin Con: 2/1/2024
New			Subtotal: \$22,162	\$10,290		
			Total Project Cost:	\$32,452		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.9	0.7	14.6	Lane mile(s)
Post Condition	14.6	0.0	0.0	14.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Napa-29 1.7/5.1 1453K 0415000343	In American Canyon, at Rio Del Mar; also near American Canyon at 0.3 mile south of North Kelly Road (PM 5.1). Rehabilitate culverts.	4J410 2021-22	R/W: \$294 Con: \$3,336	PA&ED: \$1,086 PS&E: \$786 R/W Sup: \$350 Con Sup: \$706	Prior 20-21 20-21 21-22	PA&ED: 11/4/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 1/11/2022
Carryover			Subtotal: \$3,630	\$2,928		
			Total Project Cost:	\$6,558		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	290.0	0.0	290.0	Linear feet
Post Condition	290.0	0.0	0.0	290.0	Linear feet

MOBILITY

04-Napa-121 7.2/7.4 1483B 0414000097	In the city of Napa, at the intersection with Third Street/East Avenue/Coombsville Road. Construct intersection improvements.	0J890 2023-24	R/W: \$340 Con: \$1,960	PA&ED: \$420 PS&E: \$510 R/W Sup: \$150 Con Sup: \$520	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 5/6/2024 RTL: 5/31/2024 Begin Con: 2/3/2025
New			Subtotal: \$2,300	\$1,600		
			Total Project Cost:	\$3,900		

Program 201.310 Operational Improvements
Project Output(s) 400.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Napa
(\$1,000)



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

04-Napa-29	In and near Yountville, from Oak Knoll	0P730	R/W:	PA&ED:	\$659	20-21	PA&ED:	4/4/2022
15.6/22.8	Avenue to Oakville Cross Road.	2022-23	Con: \$3,605	PS&E:	\$408	21-22	R/W Cert:	8/1/2022
1464H	Advance mitigation credit purchases			R/W Sup:	\$10	21-22	RTL:	9/5/2022
0417000512	for planned SHOPP projects to			Con Sup:			Begin Con:	6/5/2023
	minimize impacts on biological		Subtotal: \$3,605		\$1,077			
New	resources. Financial Contribution		Total Project Cost:		\$4,682			
	Only (FCO) to the Napa Flood							
	Control District.							

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Napa County

R/W:	\$14,596	PA&ED:	\$19,398
Const:	\$111,851	PS&E:	\$18,129
		R/W Sup:	\$7,005
		Con Sup:	\$21,811
<hr/>			
Subtotal:	\$126,447		\$66,343
Total (Capital + Support):			\$192,790

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



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

03-Nevada-20 29.7/30.9 3994 0315000116	Near Nevada City, from 0.1 mile east of White Cloud Campground to 0.9 mile west of Washington Road. Curve improvement, shoulder widening and improve clear recovery zone.	0H240 2020-21	R/W: \$613 Con: \$8,237	PA&ED: \$1,096 PS&E: \$976 R/W Sup: \$291 Con Sup: \$1,286	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$8,850	\$3,649		
			Total Project Cost:	\$12,499		

Program 201.010 Safety Improvements
Project Output(s) 46 Collision(s) reduced

03-Nevada-20 37.1/39.8 4000 0317000165	Near Emigrant Gap, from 0.3 mile west of Excelsior Point Road to 1.3 mile west of Zeibright Road. Curve improvement and widen shoulders.	2H620 2020-21	R/W: \$1,380 Con: \$27,480	PA&ED: \$3,920 PS&E: \$2,810 R/W Sup: \$410 Con Sup: \$3,480	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
<i>Carryover</i>			Subtotal: \$28,860	\$10,620		
			Total Project Cost:	\$39,480		

Program 201.010 Safety Improvements
Project Output(s) 52 Collision(s) reduced

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 R10.0/31.7 4297 0317000008	In and near Truckee, at various locations from 1.0 mile east of Donner Lake Undercrossing to the Sierra County line. Replace guardrail with concrete barrier at twenty-one locations to reduce maintenance repairs.	1H840 2020-21	R/W: \$30 Con: \$3,200	PA&ED: \$120 PS&E: \$180 R/W Sup: \$30 Con Sup: \$360	Prior Prior Prior 20-21	PA&ED: 9/28/2019 R/W Cert: 10/1/2020 RTL: 10/2/2020 Begin Con: 4/15/2021
<i>Carryover</i>			Subtotal: \$3,230	\$690		
			Total Project Cost:	\$3,920		

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

MANDATES

03-Nevada-174 9.7/10.1 4450 0313000047	In Grass Valley, from Park Street to Route 20. Upgrade pedestrian infrastructure to meet Americans with Disabilities Act (ADA) requirements.	3F680 2020-21	R/W: \$150 Con: \$1,660	PA&ED: \$180 PS&E: \$330 R/W Sup: \$86 Con Sup: \$360	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 12/1/2020 RTL: 1/2/2021 Begin Con: 9/1/2021
<i>Carryover</i>			Subtotal: \$1,810	\$956		
			Total Project Cost:	\$2,766		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 86 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86.0	86.0	Each
Post Condition	86.0	0.0	0.0	86.0	Each

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



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

03-Nevada-80	Near Whitmore, from west of Crystal	3H560	R/W: \$520	PA&ED: \$3,620	20-21	PA&ED: 12/1/2021
R58.7/R60.2	Lake Road to east of Route 20	2022-23	Con: \$84,500	PS&E: \$4,210	21-22	R/W Cert: 2/15/2023
4305	Separation at Yuba Pass Separation			R/W Sup: \$430	21-22	RTL: 3/1/2023
0318000014	and Overhead No. 17-0023L/R (PM			Con Sup: \$8,500	22-23	Begin Con: 8/1/2023
	R58.7L/R/PM R60.2); also in Placer		Subtotal: \$85,020	\$16,760		
New	County, from PM R58.5L/R to PM		Total Project Cost:	\$101,780		
	R58.6L/R. Replace and widen bridge,					
	construct retaining walls in the					
	median, rehabilitate drainage					
	systems, and install Roadway					
	Weather Information Systems (RWIS).					

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation

Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0		48,717.0	48,717.0	Square feet
Post Condition	48,717.0	0.0	0.0	48,717.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 17-0023L	Poor	Good
Bridge No. 17-0023R	Fair	Good

ROADWAY PRESERVATION

03-Nevada-20	In and near Grass Valley and Nevada	4H070	R/W: \$250	PA&ED: \$1,030	20-21	PA&ED: 8/16/2021
R12.2/20.0	City, from Route 20/49 Separation to	2023-24	Con: \$19,100	PS&E: \$1,570	21-22	R/W Cert: 10/3/2023
4002	east of Stonehill Road/Dow Road.			R/W Sup: \$340	21-22	RTL: 10/5/2023
0318000158	Rehabilitate pavement, replace sign			Con Sup: \$1,700	23-24	Begin Con: 3/15/2024
	panels, upgrade Transportation		Subtotal: \$19,350	\$4,640		
New	Management System (TMS) elements,		Total Project Cost:	\$23,990		
	rehabilitate drainage systems, and					
	upgrade facilities to Americans with					
	Disabilities Act (ADA) standards.					

Program 201.121 Pavement Rehabilitation (CAPM)

Project Output(s) 22.9 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	22.9	0.0	22.9	Lane mile(s)
Post Condition	22.9	0.0	0.0	22.9	Lane mile(s)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 0.0/R2.7 5111 0317000043	Near Kingvale, from Placer County line to east of Donner Pass Road (PM 0.0/R2.7L/R); also in Placer county, from west of Troy Road Undercrossing to Nevada County line (PM 68.5/69.7). Rehabilitate roadway, construct truck climbing lane in eastbound direction, widen Kingvale Undercrossing No. 19-0107R, replace sign panels, upgrade lighting and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	1H990 2022-23	R/W: \$990 Con: \$69,100	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$500 Con Sup: \$9,000	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New			Subtotal: \$70,090 Total Project Cost:	\$15,500 \$85,590		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 15.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.9	9.4	0.2	15.5	Lane mile(s)
Post Condition	15.5	0.0	0.0	15.5	Lane mile(s)

03-Nevada-80 13.0/15.5 4294 0316000064	In Truckee, from west of Donner Pass Road Overcrossing to Bridge Street Undercrossing (PM 13.04/15.5). Rehabilitate roadway, construct auxiliary lane, upgrade Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1H180 2022-23	R/W: \$355 Con: \$15,600	PA&ED: \$1,120 PS&E: \$1,600 R/W Sup: \$120 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 3/15/2023 RTL: 5/1/2023 Begin Con: 8/23/2023
New			Subtotal: \$15,955 Total Project Cost:	\$4,840 \$20,795		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.8	10.1	0.0	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-49 0.0/7.5 4124 0315000112	Near Higgins Corner, from the Placer County line to 0.3 mile north of Lime Kiln Road; also in Placer County, at PM R8.42 and PM R10.23. Rehabilitate drainage systems.	0H210 2020-21	R/W: \$200 Con: \$2,640	PA&ED: \$513 PS&E: \$743 R/W Sup: \$547 Con Sup: \$510	Prior Prior Prior 20-21	PA&ED: 8/18/2019 R/W Cert: 9/15/2020 RTL: 10/1/2020 Begin Con: 4/15/2021
Carryover			Subtotal: \$2,840	\$2,313		
			Total Project Cost:	\$5,153		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	114.7	950.4	1,979.0	3,044.1	Linear feet
Post Condition	3,044.1	0.0	0.0	3,044.1	Linear feet

MOBILITY

03-Nevada-20 25.1/25.2 3997 0316000006	Near Nevada City and Emigrant Gap, at west of Pine Needle Way (PM 25.15), and at west of Last Chance Mine Road (PM 37.05); also in Placer County, on Route 193 near Newcastle, at various locations from PM 6.7 to 8.5. Operational improvements to upgrade or construct roadway turnouts at five locations.	0H690 2020-21	R/W: \$110 Con: \$1,280	PA&ED: \$170 PS&E: \$280 R/W Sup: \$120 Con Sup: \$460	Prior Prior Prior 20-21	PA&ED: 7/19/2019 R/W Cert: 12/14/2020 RTL: 1/4/2021 Begin Con: 6/1/2021
Carryover			Subtotal: \$1,390	\$1,030		
			Total Project Cost:	\$2,420		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Nevada
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-20 28.0/32.4 3996 0316000004	Near Nevada City and Junction House, from east of Conservation Road (Washington Ridge Road) to east of Washington Road.	0H660 2020-21	R/W: \$90 Con: \$1,900	PA&ED: \$340 PS&E: \$470 R/W Sup: \$60 Con Sup: \$530	Prior Prior Prior 20-21	PA&ED: 5/15/2020 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 8/2/2021
Carryover	Operational improvements to widen for left-turn pockets and roadway turnouts.		Subtotal: \$1,990	\$1,400		
			Total Project Cost:	\$3,390		

Program 201.310 Operational Improvements
Project Output(s) 20.0 Daily vehicle hour(s) of delay (DVHD)

03-Nevada-20 36.8/37.0 3999 0317000005	Near Bear Valley and Emigrant Gap, from 2.0 miles east of Chalk Bluff Road to 0.2 mile west of Excelsior Point Road. Operational improvement to make existing roadway turnout standard width with shoulders.	1H810 2020-21	R/W: \$20 Con: \$1,900	PA&ED: \$340 PS&E: \$530 R/W Sup: \$140 Con Sup: \$410	Prior Prior Prior 20-21	PA&ED: 5/1/2020 R/W Cert: 5/21/2021 RTL: 6/7/2021 Begin Con: 10/18/2021
Carryover			Subtotal: \$1,920	\$1,420		
			Total Project Cost:	\$3,340		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



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

03-Nevada-80 28.3/28.7 4293	Near Truckee and Floriston, from 0.2 mile east of Truckee River Bridge to 0.8 mile west of Farad Road.	1H010 2020-21	R/W: \$90 Con: \$11,400	PA&ED: \$570 PS&E: \$1,150 R/W Sup: \$160 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 9/15/2020 RTL: 10/9/2020 Begin Con: 3/7/2021
0316000046	Construct measures to address cut-slope erosion and rockfall.					
<i>Carryover</i>				Subtotal: \$11,490	\$2,900	
				Total Project Cost:	\$14,390	

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

03-Nevada-80 29.5/29.7 4298	Near Truckee and Floriston, from Farad Road to 2.17 mile west of Sierra County line. Mitigate rockfall and stabilize cut-slope erosion with draped mesh and a drainage ditch.	2H000 2020-21	R/W: \$90 Con: \$3,400	PA&ED: \$440 PS&E: \$750 R/W Sup: \$280 Con Sup: \$610	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 10/1/2020 RTL: 10/9/2020 Begin Con: 2/3/2021
0317000044						
<i>Carryover</i>				Subtotal: \$3,490	\$2,080	
				Total Project Cost:	\$5,570	

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

**V4.0 2020 SHOPP Project List
Nevada
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Nevada-80 31.3/31.8 4299 0317000172	Near Truckee and Floriston, from 1.9 miles east of Farad Road to the Sierra County line. Construct mitigation measures to reduce rockfall onto the roadway.	2H690 2021-22	R/W: \$30 Con: \$6,200	PA&ED: \$410 PS&E: \$890 R/W Sup: \$120 Con Sup: \$1,080	Prior Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 10/1/2021 RTL: 10/8/2021 Begin Con: 5/1/2022
Carryover			Subtotal: \$6,230	\$2,500		
			Total Project Cost:	\$8,730		

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Nevada County

R/W:	\$4,918	PA&ED:	\$16,869
Const:	\$257,597	PS&E:	\$19,489
		R/W Sup:	\$3,634
		Con Sup:	\$31,306
Subtotal:	\$262,515		\$71,298
Total (Capital + Support):			\$333,813

V4.0 2020 SHOPP Project List
 Orange
 (\$1,000)



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

12-Orange-1 20.4/23.7 2403B 1217000114	In Newport Beach and Huntington Beach, at the intersection with Superior Avenue/Balboa Boulevard (PM 20.37) and at the intersection with Beach Boulevard (Route 39) (PM 23.74). Improve safety by modifying the traffic signals, adding safety lighting, refreshing pavement striping, and upgrading pedestrian facilities to Americans with Disabilities Act (ADA) standards.	0Q830 2021-22	R/W: \$26 Con: \$955	PA&ED: \$300 PS&E: \$850 R/W Sup: Con Sup: \$450	Prior Prior 21-22	PA&ED: 11/1/2019 R/W Cert: 7/1/2021 RTL: 8/2/2021 Begin Con: 12/13/2021
<i>Carryover</i>			Subtotal: \$981	\$1,600		
			Total Project Cost:	\$2,581		

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

12-Orange-5 R29.2 2823 1218000098	In Tustin, at Red Hill Avenue. Improve safety by modifying traffic signal and upgrading safety lighting.	0R470 2021-22	R/W: \$9 Con: \$765	PA&ED: \$346 PS&E: \$605 R/W Sup: Con Sup: \$478	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$774	\$1,429		
			Total Project Cost:	\$2,203		

Program 201.010 Safety Improvements
Project Output(s) 16 Collision(s) reduced

V4.0 2020 SHOPP Project List
Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 30.3/31.4 2834A 1217000112	In Tustin and Santa Ana, from Route 55 to south of Grand Avenue. Cold plane existing asphalt concrete, overlay with Open Graded Friction Course (OGFC), and apply High Friction Surface Treatment (HFST).	0Q820 2021-22	R/W: Con: \$7,396	PA&ED: \$918 PS&E: \$1,311 R/W Sup: Con Sup: \$1,660	Prior Prior 21-22	PA&ED: 12/20/2019 R/W Cert: 9/1/2021 RTL: 10/5/2021 Begin Con: 2/25/2022
Carryover			Subtotal: \$7,396	\$3,889		
			Total Project Cost:	\$11,285		

Program 201.010 Safety Improvements
Project Output(s) 161 Collision(s) reduced

12-Orange-5 36.1 2860U 1218000102	In Anaheim, on the southbound onramp from Katella Avenue. Improve drainage, install High Friction Surface Treatment (HFST), and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	0R510 2021-22	R/W: \$20 Con: \$2,551	PA&ED: \$438 PS&E: \$1,086 R/W Sup: \$23 Con Sup: \$701	Prior 20-21 20-21 21-22	PA&ED: 8/14/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 9/15/2022
Carryover			Subtotal: \$2,571	\$2,248		
			Total Project Cost:	\$4,819		

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

V4.0 2020 SHOPP Project List
 Orange
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-22 R1.2 2873B 1217000082	In Garden Grove, on the westbound offramp to Valley View Street. Modify existing traffic signals, add safety lighting, refresh pavement striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q650 2020-21	R/W: \$5 Con: \$672	PA&ED: \$320 PS&E: \$380 R/W Sup: Con Sup: \$458	Prior Prior 20-21	PA&ED: 9/23/2019 R/W Cert: 12/9/2020 RTL: 1/29/2021 Begin Con: 8/16/2021
Carryover			Subtotal: \$677	\$1,158		
			Total Project Cost:	\$1,835		

Program 201.010 Safety Improvements
Project Output(s) 28 Collision(s) reduced

12-Orange-22 R10.7/R12.7 2970A 1216000129	In the cities of Orange and Santa Ana, from 0.2 mile east of Route 5 to 0.2 mile west of Tustin Avenue. Replace median barrier, add safety lighting and improve drainage.	0Q320 2021-22	R/W: \$5 Con: \$6,500	PA&ED: \$814 PS&E: \$1,396 R/W Sup: \$2 Con Sup: \$2,437	Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 12/1/2021 Begin Con: 9/1/2022
Carryover			Subtotal: \$6,500	\$4,649		
			Total Project Cost:	\$11,149		

Program 201.010 Safety Improvements
Project Output(s) 120 Collision(s) reduced

V4.0 2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-39 9.7 3182 1217000080	In Stanton, at the intersection of Chapman Avenue. Modify signals, add safety lighting, add crosswalk striping, and bring Americans with Disabilities Act (ADA) facilities to current standards.	0Q640 2020-21	R/W: \$63 Con: \$890	PA&ED: \$345 PS&E: \$475 R/W Sup: \$76 Con Sup: \$385	Prior Prior Prior 20-21	PA&ED: 5/23/2019 R/W Cert: 10/1/2020 RTL: 11/1/2020 Begin Con: 6/30/2021
Carryover			Subtotal: \$953	\$1,281		
			Total Project Cost:	\$2,234		

Program 201.010 Safety Improvements
Project Output(s) 31 Collision(s) reduced

12-Orange-55 0.6 3407A 1218000101	In Newport Beach at Hospital Road. Modify signals, add safety lighting and guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0R500 2021-22	R/W: \$4 Con: \$916	PA&ED: \$300 PS&E: \$635 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 8/15/2020 R/W Cert: 4/1/2022 RTL: 4/15/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$920	\$1,535		
			Total Project Cost:	\$2,455		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

V4.0 2020 SHOPP Project List
 Orange
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-55 13.8/13.9 3542A 1218000049	In the city of Orange, on the northbound onramp from Chapman Avenue and on the southbound offramp to Chapman Avenue.	0R150 2021-22	R/W: Con: \$2,140	PA&ED: \$300 PS&E: \$800 R/W Sup: Con Sup: \$600	Prior 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/15/2022 Begin Con: 6/1/2022
Carryover	Improve safety by modifying existing traffic signals for improved visibility, adding safety lighting, refreshing pavement markings, and upgrading curb ramps to Americans with Disabilities Act (ADA) standards.		Subtotal: \$2,140	\$1,700		
			Total Project Cost:	\$3,840		
			Program	201.010 Safety Improvements		
			Project Output(s)	34 Collision(s) reduced		

12-Orange-57 15.6 3792B 1217000104	In Anaheim, on the northbound Route 57 loop connector to westbound Route 91. Apply High Friction Surface Treatment (HFST) and enhanced visibility delineation.	0Q790 2020-21	R/W: Con: \$554	PA&ED: \$400 PS&E: \$400 R/W Sup: Con Sup: \$354	Prior 20-21	PA&ED: 10/1/2018 R/W Cert: 7/1/2020 RTL: 8/1/2020 Begin Con: 3/1/2021
Carryover			Subtotal: \$554	\$754		
			Total Project Cost:	\$1,308		
			Program	201.010 Safety Improvements		
			Project Output(s)	9 Collision(s) reduced		

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-90 1.0/3.5 4325 1218000063	In La Habra and Brea, at Idaho Street, Walnut Street, and Puente Street. Modify and install new traffic signals and add safety lighting.	0R180 2021-22	R/W: \$39 Con: \$2,361	PA&ED: \$639 PS&E: \$915 R/W Sup: Con Sup: \$957	Prior 20-21 21-22	PA&ED: 11/2/2020 R/W Cert: 1/10/2022 RTL: 3/1/2022 Begin Con: 11/1/2022
<i>Carryover</i>			Subtotal: \$2,400	\$2,511		
			Total Project Cost:	\$4,911		

Program 201.010 Safety Improvements
Project Output(s) 63 Collision(s) reduced

12-Orange-91 R1.8/R3.4 4532A 1216000124	In Buena Park, in eastbound direction from Knott Avenue to Route 5. Enhance lane assignment and motorist safety by installing additional guide sign structures, upgrading sign panels and guardrail, refreshing and extending striping, and reconstructing concrete median barrier.	0Q310 2020-21	R/W: \$5 Con: \$3,140	PA&ED: \$640 PS&E: \$908 R/W Sup: \$10 Con Sup: \$810	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 7/1/2020 RTL: 7/31/2020 Begin Con: 12/30/2020
<i>Carryover</i>			Subtotal: \$3,145	\$2,368		
			Total Project Cost:	\$5,513		

Program 201.010 Safety Improvements
Project Output(s) 253 Collision(s) reduced

V4.0 2020 SHOPP Project List
 Orange
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
12-Orange-1 R0.1/R0.9 2209A 1218000013	In Dana Point, from Route 5 (PM R0.129) to north of Doheny Park Road. Improve worker safety by installing Maintenance Vehicle Pullouts (MVPs) and relocating roadside facilities away from traffic, and construct stormwater Best Management Practices (BMPs).	0Q990 2022-23	R/W: Con: \$6,100	PA&ED: \$430 PS&E: \$720 R/W Sup: Con Sup: \$750	20-21 21-22 22-23		PA&ED: 8/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 1/2/2024
New			Subtotal: \$6,100	\$1,900			
			Total Project Cost:	\$8,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 24 Location(s)

12-Orange-5 34.5/36.8 2860N 1216000046	In and near Anaheim, from Santa Ana Bridge No. 55-0811 to 0.6 mile south of Harbor Boulevard Overcrossing. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P900 2020-21	R/W: Con: \$2,000	PA&ED: \$270 PS&E: \$400 R/W Sup: Con Sup: \$330	Prior Prior 20-21		PA&ED: 8/6/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 8/1/2021
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

V4.0 2020 SHOPP Project List
 Orange
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
12-Orange-5 36.8/38.5 2861E 121600047	In Anaheim, from north of Anaheim Boulevard to Santa Ana Street. Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P910 2020-21	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior Prior 20-21	PA&ED: 12/1/2019 R/W Cert: 12/1/2020 RTL: 2/1/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

12-Orange-5 38.5/41.6 2861Z 121600044	In Anaheim, from Santa Ana Street Overcrossing (OC) to 0.3 mile south of Magnolia Avenue OC. Enhance highway worker safety by paving miscellaneous areas, install access gates and relocate irrigation facilities away from the edge of the road.	0P920 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	\$200 \$400 \$400	Prior 20-21 21-22	PA&ED: 9/1/2020 R/W Cert: 9/1/2021 RTL: 10/1/2021 Begin Con: 10/1/2022
Carryover			Subtotal: \$2,000	\$1,000			
			Total Project Cost:	\$3,000			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 40 Location(s)

V4.0 2020 SHOPP Project List
 Orange
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 41.9/43.1 2862H 1216000045	In Fullerton and Buena Park, from Magnolia Avenue to Stanton Avenue; also on Route 91, from Stanton Avenue to Brookhurst Street (PM R2.8/1.2). Enhance highway worker safety by access trails and access gates, relocating facilities away from traffic, and installing features to reduce repetitive maintenance activities.	0P930 2021-22	R/W: Con: \$2,000	PA&ED: \$200 PS&E: \$400 R/W Sup: Con Sup: \$400	Prior 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 4/1/2023
Carryover			Subtotal: \$2,000 Total Project Cost:	\$1,000 \$3,000		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 80 Location(s)

MANDATES

12-Orange-1 12.2/13.3 2322B 1215000158	In Newport Beach, from 815 feet south of Reef Point Drive to 1,850 feet north of Crystal Heights Drive. Restore bioswales.	0P660 2020-21	R/W: Con: \$1,827	PA&ED: \$271 PS&E: \$628 R/W Sup: Con Sup: \$501	Prior Prior 20-21	PA&ED: 7/1/2019 R/W Cert: 5/1/2020 RTL: 8/1/2020 Begin Con: 6/1/2021
Carryover			Subtotal: \$1,827 Total Project Cost:	\$1,400 \$3,227		
						Program 201.335 Storm Water Mitigation Project Output(s) 9.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
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(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-57 20.8/R22.6 3846B 1216000117	In and near Brea, from south of Lambert Road to Los Angeles County line (PM R22.551). Construct storm water treatment Best Management Practices (BMPs) in the form of new detention basin to reduce Trash Total Maximum Daily Load (TMDL) to the San Gabriel-Coyote Creek watershed.	0Q270 2021-22	R/W: Con: \$6,797	PA&ED: \$887 PS&E: \$1,200 R/W Sup: Con Sup: \$1,500	Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 10/1/2022
Carryover			Subtotal: \$6,797	\$3,587		
			Total Project Cost:	\$10,384		

Program 201.335 Storm Water Mitigation
Project Output(s) 14.9 Acre(s) treated/pollutant

12-Orange-1 5.5/7.9 2255 1216000003	In Laguna Beach, from 7th Avenue to north of Moss Street. Upgrade existing curb ramps, sidewalks, and driveways to Americans with Disabilities Act (ADA) standards.	0P690 2020-21	R/W: \$3,121 Con: \$1,909	PA&ED: \$3,399 PS&E: \$3,399 R/W Sup: \$2,864 Con Sup: \$3,551	Prior Prior 20-21	PA&ED: 3/20/2019 R/W Cert: 3/1/2021 RTL: 4/19/2021 Begin Con: 1/1/2022
Carryover			Subtotal: \$5,030	\$9,814		
			Total Project Cost:	\$14,844		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 57 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	56.0	56.0	Each
Post Condition	57.0	0.0	0.0	57.0	Each

V4.0 2020 SHOPP Project List
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(\$1,000)



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

12-Orange-73	In Laguna Hills, Laguna Niguel, Aliso Viejo, Laguna Beach, Irvine, Newport Beach, and Costa Mesa from Moulton Parkway to Bristol Street.	0R340	R/W: \$5	PA&ED: \$494	Prior	PA&ED: 4/2/2020
12.9/R26.8 4080		2021-22	Con: \$3,094	PS&E: \$1,294	Prior	R/W Cert: 7/2/2021
1218000079				R/W Sup:		RTL: 8/2/2021
				Con Sup: \$1,007	21-22	Begin Con: 6/1/2022
			Subtotal: \$3,099	\$2,795		
Carryover	Rehabilitate bridge decks, bridge joints and approach slabs to preserve service life on ten bridges.		Total Project Cost:	\$5,894		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 10 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	48,912.0	186,895.0	7,180.0	242,987.0	Square feet
Post Condition	242,986.0	0.0	0.0	242,986.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 55-0517F	Poor	Good
Bridge No. 55-0539R	Fair	Fair
Bridge No. 55-0541R	Fair	Fair
Bridge No. 55-0544G	Good	Good
Bridge No. 55-0637S	Fair	Fair
Bridge No. 55-0745L	Fair	Good
Bridge No. 55-0750R	Good	Good
Bridge No. 55-0754L	Good	Good
Bridge No. 55-0754R	Fair	Good
Bridge No. 55-0757	Fair	Good

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-241 14.5/25.7 3102A 1218000011	In Rancho Santa Margarita, Mission Viejo, Lake Forest, and Irvine, from Oso Parkway (PM 14.545) to 0.7 mile north of Portola Parkway. Rehabilitate Trabuco Creek Bridge No. 55-0700R/L, upgrade Transportation Management System (TMS) elements, upgrade safety devices, and improve highway worker safety.	0Q980 2022-23	R/W: Con: \$13,592	PA&ED: \$1,641 PS&E: \$2,654 R/W Sup: Con Sup: \$2,280	20-21 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 10/3/2022 RTL: 11/1/2022 Begin Con: 7/5/2023
<i>New</i>			Subtotal: \$13,592	\$6,575		
			Total Project Cost:	\$20,167		
			Program	201.110 Bridge Major Rehabilitation		
			Project Output(s)	2 Bridge(s)		

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	156,696.0	120,375.0	277,071.0	Square feet
Post Condition	277,071.0	0.0	0.0	277,071.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 55-0700L	Poor	Good
Bridge No. 55-0700R	Fair	Fair

12-Orange-Var 3450A 1217000003	In Costa Mesa, at the Route 55/73 Connector Overcrossing (OC) Bridge No. 55-538F (PM 4.74), Route 91 Carmenita Road Pedestrian OC Bridge No. 55-0473 (PM 0.02) and Route 405 Laguna Canyon Road OC Bridge No. 55-0247 (PM 2.20). Seismic restoration.	0Q390 2020-21	R/W: Con: \$15,456	PA&ED: \$1,048 PS&E: \$2,279 R/W Sup: \$11 Con Sup: \$5,381	Prior Prior Prior 20-21	PA&ED: 4/15/2020 R/W Cert: 3/15/2021 RTL: 5/28/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$15,456	\$8,719		
			Total Project Cost:	\$24,175		
			Program	201.113 Bridge Seismic Restoration		
			Project Output(s)	3 Bridge(s)		

Primary Asset

(Seismic)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	112,472.0	112,472.0	Square feet
Post Condition	112,472.0	0.0	0.0	112,472.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 55-0247	Good	Good
Bridge No. 55-0473	Fair	Fair
Bridge No. 55-0538F	Fair	Fair

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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-Var 1204 1217000128	In Orange County, on Routes 5, 133, and 241 at various locations. Rehabilitate 25 bridges.	0Q930 2021-22	R/W: \$58 Con: \$14,549	PA&ED: \$1,215 PS&E: \$2,500 R/W Sup: \$155 Con Sup: \$3,720	Prior Prior Prior 21-22	PA&ED: 3/2/2020 R/W Cert: 8/1/2021 RTL: 10/1/2021 Begin Con: 5/2/2022
Carryover			Subtotal: \$14,607	\$7,590		
			Total Project Cost:	\$22,197		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 25 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	108,500.0	831,360.0	0.0	939,860.0	Square feet
Post Condition	722,634.0	217,226.0	0.0	939,860.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 55-0002	Fair	Fair
Bridge No. 55-0151	Fair	Fair
Bridge No. 55-0191	Fair	Good
Bridge No. 55-0221	Fair	Good
Bridge No. 55-0224	Fair	Good
Bridge No. 55-0228	Good	Good
Bridge No. 55-0463	Fair	Fair
Bridge No. 55-0509	Fair	Good
Bridge No. 55-0591	Fair	Good
Bridge No. 55-0629	Fair	Good
Bridge No. 55-0631	Fair	Good
Bridge No. 55-0645G	Fair	Good
Bridge No. 55-0655	Fair	Good
Bridge No. 55-0703L	Fair	Good
Bridge No. 55-0703R	Fair	Good
Bridge No. 55-0738S	Fair	Fair
Bridge No. 55-0739K	Fair	Good
Bridge No. 55-0740S	Fair	Good
Bridge No. 55-0771F	Fair	Fair
Bridge No. 55-0772L	Fair	Fair
Bridge No. 55-0772R	Fair	Fair
Bridge No. 55-0773L	Fair	Good
Bridge No. 55-0773R	Fair	Good
Bridge No. 55-0774L	Fair	Good
Bridge No. 55-0774R	Fair	Good

V4.0 2020 SHOPP Project List
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(\$1,000)



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

12-Orange-Var 3959 1218000117 Carryover	In the cities of Santa Ana, Tustin, Irvine, Newport Beach, Costa Mesa, and Anaheim on various routes. Rehabilitate pavement by repairing broken concrete slabs and replacing asphalt concrete with Rubberized Hot Mix Asphalt (RHMA-G) at 17 connectors, one ramp and one overcrossing. (G13 Contingency)	0R560 2021-22	R/W: * Con: \$26,500	PA&ED: \$3,000 PS&E: \$5,400 R/W Sup: * Con Sup: \$5,500	Prior 20-21 21-22	PA&ED: 8/1/2020 R/W Cert: 1/28/2022 RTL: 3/1/2022 Begin Con: 9/2/2022
			Subtotal: \$26,500	\$13,900		
			Total Project Cost:	\$40,400		
* Construction Capital and * Construction Support phases are NOT authorized						
SBI Baseline Agreement Required						
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 19.4 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.4	0.0	19.4	Lane mile(s)
Post Condition	19.4	0.0	0.0	19.4	Lane mile(s)

12-Orange-1 5.5/7.9 2246A 1218000057 Carryover	In Laguna Beach, from 7th Street to Moss Street. Remove and replace pavement and with Rubberized Hot Mix Asphalt (RHMA).	0H151 2020-21	R/W: Con: \$3,206	PA&ED: PS&E: R/W Sup: Con Sup: \$779	20-21	PA&ED: R/W Cert: 3/1/2021 RTL: 3/2/2021 Begin Con: 1/1/2022
			Subtotal: \$3,206	\$779		
			Total Project Cost:	\$3,985		
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 9.5 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.5	0.0	9.5	Lane mile(s)
Post Condition	9.5	0.0	0.0	9.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-1 17.4/21.5 2374 1218000090	In Newport Beach, from Jamboree Road to Santa Ana River Bridge. Pavement rehabilitation.	0R410 2021-22	R/W: \$132 Con: \$10,605	PA&ED: \$1,980 PS&E: \$2,660 R/W Sup: \$1,520 Con Sup: \$2,438	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 11/30/2021 RTL: 11/30/2021 Begin Con: 5/26/2022
				Subtotal: \$10,737	\$8,598	
<i>Carryover</i>				Total Project Cost:	\$19,335	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.5	18.3	0.0	18.8	Lane mile(s)
Post Condition	18.8	0.0	0.0	18.8	Lane mile(s)

12-Orange-1 29.9/33.7 2499A 1215000149	In Huntington Beach, from Warner Avenue to Los Angeles County line. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	0P590 2020-21	R/W: \$503 Con: \$11,804	PA&ED: \$1,720 PS&E: \$2,932 R/W Sup: \$1,245 Con Sup: \$2,358	Prior Prior Prior 20-21	PA&ED: 2/1/2019 R/W Cert: 5/15/2021 RTL: 5/30/2021 Begin Con: 1/30/2022
				Subtotal: \$12,307	\$8,255	
<i>Carryover</i>				Total Project Cost:	\$20,562	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	14.9	0.0	14.9	Lane mile(s)
Post Condition	14.9	0.0	0.0	14.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-5 0.0/1.6 2530N 1218000065	In San Clemente, from the San Diego County line to El Camino Real. Pavement rehabilitation and upgrade safety devices.	0R200 2021-22	R/W: * Con: \$23,809	PA&ED: \$2,569 PS&E: \$3,824 R/W Sup: * Con Sup: \$3,849	Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 6/1/2021 RTL: 7/1/2021 Begin Con: 4/1/2022
Carryover	(G13 Contingency)		Subtotal: \$23,809	\$10,242		
			Total Project Cost:	\$34,051		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 13.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.1	8.3	0.0	13.4	Lane mile(s)
Post Condition	13.4	0.0	0.0	13.4	Lane mile(s)

12-Orange-55 0.2/R17.8 3402B 1218000078	In Newport Beach, Costa Mesa, Santa Ana, Tustin, Orange, and Anaheim, from Route 1 to Route 91. Rehabilitate pavement, rehabilitate drainage, upgrade lighting, rehabilitate bridge rail, rehabilitate landscaping, upgrade Transportation Management System (TMS) elements, and improve highway worker safety.	0R320 2023-24	R/W: \$61 * Con: \$74,500	PA&ED: \$5,000 PS&E: \$7,500 R/W Sup: * Con Sup: \$8,000	20-21 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 3/1/2024 RTL: 6/7/2024 Begin Con: 12/4/2024
New	(G13 Contingency)		Subtotal: \$74,561	\$20,500		
			Total Project Cost:	\$95,061		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 66.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	66.0	0.0	66.0	Lane mile(s)
Post Condition	66.0	0.0	0.0	66.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-91 R0.0/R18.9 4506F 1218000080	In and near Buena Park, Fullerton, and Anaheim, from the Los Angeles County line to the Riverside County line (PM R18.905). Rehabilitate pavement, upgrade Transportation Management System (TMS), rehabilitate drainage, improve lighting, improve highway worker safety, and replace overhead sign panels and sign structures. (G13 Contingency)	0R310 2023-24	R/W: \$230 * Con: \$108,312	PA&ED: \$6,582 PS&E: \$13,178 R/W Sup: \$662 * Con Sup: \$13,120	20-21 21-22 21-22 23-24	PA&ED: 4/29/2022 R/W Cert: 2/29/2024 RTL: 3/29/2024 Begin Con: 11/29/2024
New			Subtotal: \$108,542	\$33,542		
			Total Project Cost:	\$142,084		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	90.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	90.5	0.3	90.8	Lane mile(s)
Post Condition	90.8	0.0	0.0	90.8	Lane mile(s)

12-Orange-241 24.5/39.0 5502 1212000053	In and near the cities of Anaheim, Irvine, and Orange, from Portola Parkway to Route 91. Pavement rehabilitation.	0H047 2020-21	R/W: Con: \$16,827	PA&ED: PS&E: \$3,205 R/W Sup: Con Sup: \$3,668	Prior 20-21	PA&ED: 9/14/2018 R/W Cert: 2/15/2021 RTL: 3/1/2021 Begin Con: 11/30/2021
Carryover			Subtotal: \$16,827	\$6,873		
			Total Project Cost:	\$23,700		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	18.3 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18.3	18.3	Lane mile(s)
Post Condition	18.3	0.0	0.0	18.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
12-Orange-405 0.2/11.4 5040D 121800010	In and near Irvine and Costa Mesa, from Route 5 to Harbor Boulevard. Rehabilitate pavement, replace bridge approach and departure slabs, upgrade bridge railings, improve highway worker safety, upgrade safety devices, and upgrade Transportation Management System (TMS) elements. (G13 Contingency)	0Q970 2022-23	R/W: \$250 * Con: \$152,000	PA&ED: \$9,100 PS&E: \$16,000 R/W Sup: \$1,000 * Con Sup: \$19,000	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 6/14/2023 RTL: 6/21/2023 Begin Con: 1/5/2024
New			Subtotal: \$152,250	\$45,100		
			Total Project Cost:	\$197,350		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	91.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	90.9	0.1	91.0	Lane mile(s)
Post Condition	91.0	0.0	0.0	91.0	Lane mile(s)

12-Orange-405 16.9/24.2 5094C 1218000120	In Huntington Beach, Westminster, Garden Grove, and Seal Beach, from south of McFadden Avenue to the Los Angeles County line. Rehabilitate pavement, improve highway worker safety, rehabilitate landscaping, and install a Weigh-in-Motion (WIM) system. (G13 Contingency)	0R570 2023-24	R/W: * Con: \$49,367	PA&ED: \$3,146 PS&E: \$5,016 R/W Sup: \$21 * Con Sup: \$6,450	20-21 21-22 23-24 23-24	PA&ED: 2/1/2022 R/W Cert: 1/1/2024 RTL: 6/3/2024 Begin Con: 3/3/2025
New			Subtotal: \$49,367	\$14,633		
			Total Project Cost:	\$64,000		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	79.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.8	79.8	Lane mile(s)
Post Condition	79.8	0.0	0.0	79.8	Lane mile(s)

V4.0 2020 SHOPP Project List
Orange
(\$1,000)



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

12-Orange-133	In Irvine, from southbound 5/SB 133	0N890	R/W: \$253	PA&ED: \$1,503	Prior	PA&ED: 4/3/2020
8.5/M9.3	Connector to southbound 133/NB 405	2021-22	Con: \$14,926	PS&E: \$3,224	Prior	R/W Cert: 9/30/2021
4846	Connector. Construct a new auxiliary			R/W Sup: \$652	Prior	RTL: 10/29/2021
1214000130	lane to improve traffic flow.			Con Sup: \$4,544	21-22	Begin Con: 3/31/2022
			Subtotal: \$15,179	\$9,923		
<i>Carryover</i>			Total Project Cost:	\$25,102		

Program 201.310 Operational Improvements
Project Output(s) 271.0 Daily vehicle hour(s) of delay (DVHD)

12-Orange-1	In the cities of Newport Beach,	0P680	R/W: \$745	PA&ED: \$1,891	Prior	PA&ED: 2/1/2019
13.0/33.6	Huntington Beach and Seal Beach,	2020-21	Con: \$12,925	PS&E: \$4,299	Prior	R/W Cert: 5/15/2021
2330	from Crystal Heights Drive to First			R/W Sup: \$1,244	Prior	RTL: 5/30/2021
1216000002	Street. Replace traffic signals,			Con Sup: \$3,537	20-21	Begin Con: 1/30/2022
			Subtotal: \$13,670	\$10,971		
<i>Carryover</i>			Total Project Cost:	\$24,641		

Program 201.315 Transportation Management Systems
Project Output(s) 19 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	19	Field element(s)
Post Condition	100.0%		0.0%	19	Field element(s)

Orange County

R/W: \$5,529	PA&ED: \$48,707
Const: \$604,945	PS&E: \$93,273
	R/W Sup: \$9,485
	Con Sup: \$103,353
Subtotal: \$610,474	\$254,818
Total (Capital + Support):	\$865,292

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



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

03-Placer-49	Near Auburn, from 0.3 mile south of	4H600	R/W: \$2,000	PA&ED: \$1,500	Prior	PA&ED: 1/15/2021
R8.7/R10.6 4787	Lorenson Road/Florence Lane to 0.3	2021-22	Con: \$18,500	PS&E: \$940	20-21	R/W Cert: 4/15/2022
	mile north of Lone Star Road.			R/W Sup: \$900	20-21	RTL: 5/1/2022
0319000004	Construct concrete median barrier			Con Sup: \$2,500	21-22	Begin Con: 9/5/2022
	and two roundabouts.					
			Subtotal: \$20,500	\$5,840		
<i>Carryover</i>			Total Project Cost:	\$26,340		

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

03-Placer-80	In and near various cities, at various	0H720	R/W:	PA&ED: \$40	Prior	PA&ED: 2/19/2019
1.6/R66.5 5026	locations, from 0.3 mile west of	2020-21	Con: \$2,600	PS&E: \$440	Prior	R/W Cert: 7/15/2020
0316000008	Douglas Boulevard to 0.2 mile east of			R/W Sup: \$120	Prior	RTL: 8/15/2020
	Hampshire Rocks Undercrossing.			Con Sup: \$550	20-21	Begin Con: 3/1/2021
	Upgrade guardrail to current		Subtotal: \$2,600	\$1,150		
<i>Carryover</i>	standards.		Total Project Cost:	\$3,750		

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

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



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

03-Placer-28 0.1/11.0 4681 0319000184	Near Tahoe City and Kings Beach, from Route 89 to Nevada State line (PM 0.085/11.0). Rehabilitate pavement, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0J010 2022-23	R/W: \$950 Con: \$18,100	PA&ED: \$1,160 PS&E: \$1,420 R/W Sup: \$740 Con Sup: \$1,780	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/21/2022 RTL: 10/6/2022 Begin Con: 2/9/2023
			Subtotal: \$19,050	\$5,100		
New			Total Project Cost:	\$24,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.2	2.9	23.1	Lane mile(s)
Post Condition	23.1	0.0	0.0	23.1	Lane mile(s)

03-Placer-80 R26.5/28.8 5131 0318000017	Near Applegate, from east of Crother Road Overcrossing to east of Weimar Overhead; also near Magra from PM 39.5 to PM 41.3; also near Emigrant Gap from PM 53.0 to PM 54.7. Rehabilitate roadway, construct truck climbing lanes in eastbound direction, widen shoulders, replace or widen structures, upgrade median barrier and Transportation Management System (TMS) elements.	3H590 2022-23	R/W: \$1,000 * Con: \$93,500	PA&ED: \$4,000 PS&E: \$5,000 R/W Sup: \$500 * Con Sup: \$9,500	20-21 21-22 21-22 22-23	PA&ED: 4/15/2022 R/W Cert: 4/15/2023 RTL: 5/1/2023 Begin Con: 10/15/2023
			Subtotal: \$94,500	\$19,000		
New			Total Project Cost:	\$113,500		

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

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.9 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.5	1.4	11.9	Lane mile(s)
Post Condition	11.9	0.0	0.0	11.9	Lane mile(s)

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Placer-80 42.7/49.3 5133 0318000019	Near Gold Run, from west of Monte Vista Overcrossing to east of Drum Forebay Overcrossing (PM 42.7/49.3R). Rehabilitate roadway, construct truck climbing lane, replace or widen structures, upgrade median concrete barrier, sign panels, and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	3H610 2022-23	R/W: \$1,430 Con: \$62,700	PA&ED: \$3,000 PS&E: \$3,000 R/W Sup: \$230 Con Sup: \$6,500	20-21 21-22 21-22 22-23	PA&ED: 2/5/2022 R/W Cert: 4/20/2023 RTL: 5/5/2023 Begin Con: 9/20/2023
New			Subtotal: \$64,130 Total Project Cost:	\$12,730 \$76,860		
			<i>SBI Baseline Agreement Required</i>			
			Program 201.122 Roadway Rehabilitation (2R)			
			Project Output(s) 13.2 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3.5	9.6	0.1	13.2	Lane mile(s)
Post Condition	13.2	0.0	0.0	13.2	Lane mile(s)

03-Placer-80 38.3/41.5 5114 0316000049	Near Magra, from Secret Town Overcrossing to the Gold Run Safety Roadside Rest Area (SRRA). Rehabilitate drainage systems.	1H030 2020-21	R/W: \$220 Con: \$3,069	PA&ED: \$429 PS&E: \$667 R/W Sup: \$195 Con Sup: \$806	Prior Prior Prior 20-21	PA&ED: 8/1/2019 R/W Cert: 11/24/2020 RTL: 12/10/2020 Begin Con: 4/10/2021
Carryover			Subtotal: \$3,289 Total Project Cost:	\$2,097 \$5,386		
			Program 201.151 Drainage System Restoration			
			Project Output(s) 32 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	794.5	1,214.5	1,979.4	3,988.4	Linear feet
Post Condition	3,988.4	0.0	0.0	3,988.4	Linear feet

V4.0 2020 SHOPP Project List
Placer
(\$1,000)



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

03-Placer-89	Near Tahoe City, at the Tahoe City	4H980	R/W: \$40	PA&ED: \$690	20-21	PA&ED: 10/1/2021
8.9	Maintenance Station. Demolish	2022-23	Con: \$3,600	PS&E: \$710	21-22	R/W Cert: 10/31/2022
5290	existing employee housing and			R/W Sup: \$90	21-22	RTL: 11/15/2022
0319000129	construct new dormitory building.			Con Sup: \$560	22-23	Begin Con: 2/9/2023
			Subtotal: \$3,640		\$2,050	
			Total Project Cost:		\$5,690	

New

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,416.0	1,416.0	Square feet
Post Condition	4,000.0	0.0	0.0	4,000.0	Square feet

Placer County

R/W:	\$5,640	PA&ED:	\$10,819
Const:	\$202,069	PS&E:	\$12,177
		R/W Sup:	\$2,775
		Con Sup:	\$22,196
Subtotal:	\$207,709		\$47,967
Total (Capital + Support):			\$255,676

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



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

02-Plumas-70 0.0/29.9 3723 0218000119	Near Pulga, from the Butte County line to 3.1 miles west of Route 89 at various locations. Repair Rock Slope Protection (RSP) and stabilize roadway embankment.	4H440 2020-21	R/W: \$347 Con: \$15,870	PA&ED: \$1,030 PS&E: \$1,110 R/W Sup: \$70 Con Sup: \$1,110	Prior Prior Prior 20-21	PA&ED: 3/4/2020 R/W Cert: 2/4/2021 RTL: 3/1/2021 Begin Con: 7/29/2021
<i>Carryover</i>			Subtotal: \$16,217	\$3,320		
			Total Project Cost:	\$19,537		

Program 201.131 Permanent Restoration
Project Output(s) 10 Location(s)

COLLISION REDUCTION

02-Plumas-70 36.8/R62.5 3639 0216000043	Near Quincy, at various locations from 0.2 mile west of Butterfly Valley Road to 0.1 mile west of Two Rivers Road; also on Route 89 near Greenville, from 0.9 mile to 1.4 miles north of Wolf Creek Road (PM 25.1/25.3). Upgrade rock fall fence to reduce maintenance and highway worker exposure.	1H790 2020-21	R/W: \$40 Con: \$1,760	PA&ED: \$350 PS&E: \$450 R/W Sup: \$20 Con Sup: \$450	Prior Prior Prior 20-21	PA&ED: 11/4/2019 R/W Cert: 12/21/2020 RTL: 1/21/2021 Begin Con: 6/15/2021
<i>Carryover</i>			Subtotal: \$1,800	\$1,270		
			Total Project Cost:	\$3,070		

Program 201.235 Maintenance Access
Project Output(s) 10 Location(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



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

02-Plumas-70 58.4/R78.4 3619 0216000024	In and near Cromberg and Portola, from 0.2 mile east of Gill Ranch Road to 0.2 mile west of Big Grizzly Creek Bridge. Rehabilitate roadway, repair or replace culverts, upgrade guardrail, upgrade bridge railing at Humbug Creek Bridge No. 09-0022, and make pedestrian facilities American with Disabilities Act (ADA) compliant. (G13 Contingency)	1H580 2021-22	R/W: \$514 * Con: \$88,050	PA&ED: \$3,490 PS&E: \$2,620 R/W Sup: \$1,120 * Con Sup: \$6,810	Prior 20-21 20-21 21-22	PA&ED: 10/30/2020 R/W Cert: 1/31/2022 RTL: 3/28/2022 Begin Con: 9/27/2022
<i>Carryover</i>			Subtotal: \$88,564	\$14,040		
			Total Project Cost:	\$102,604		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.120 Roadway Rehabilitation (3R)		
			Project Output(s)	45.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45.7	0.0	45.7	Lane mile(s)
Post Condition	45.7	0.0	0.0	45.7	Lane mile(s)

02-Plumas-89 30.2/R42.2 3700 0218000010	Near Canyon Dam, from 0.6 mile north of Route 147 to Route 36 (PM 30.2/R42.185). Rehabilitate roadway, upgrade guardrail and signs, and rehabilitate drainage systems. (G13 Contingency)	3H690 2023-24	R/W: \$752 * Con: \$34,600	PA&ED: \$1,510 PS&E: \$1,830 R/W Sup: \$100 * Con Sup: \$1,890	20-21 21-22 21-22 23-24	PA&ED: 2/15/2022 R/W Cert: 3/23/2024 RTL: 4/24/2024 Begin Con: 9/11/2024
<i>New</i>			Subtotal: \$35,352	\$5,330		
			Total Project Cost:	\$40,682		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.120 Roadway Rehabilitation (3R)		
			Project Output(s)	26.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.0	4.0	26.0	Lane mile(s)
Post Condition	26.0	0.0	0.0	26.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-36 9.2/18.4 3722 0218000073	Near Chester, from Melissa Avenue to Lassen County line; also in Lassen County from Plumas County line to 2.4 miles east of Road A21/Mooney Road (PM 0.0/6.1). Rehabilitate pavement, upgrade signs and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H060 2023-24	R/W: \$483 Con: \$25,370	PA&ED: \$1,960 PS&E: \$2,160 R/W Sup: \$590 Con Sup: \$2,590	20-21 22-23 22-23 23-24	PA&ED: 9/17/2022 R/W Cert: 3/17/2024 RTL: 5/12/2024 Begin Con: 9/7/2024
New			Subtotal: \$25,853 Total Project Cost:	\$7,300 \$33,153		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	28.1	3.4	31.5	Lane mile(s)
Post Condition	31.5	0.0	0.0	31.5	Lane mile(s)

02-Plumas-70 R78.3/90.3 3713 0218000068	Near Portola, from west of Grizzly Road/Rocky Point Road to 0.9 mile west of Summit School Drive. Rehabilitate pavement, add intersection lighting, upgrade signs and guardrail, and rehabilitate drainage systems.	4H010 2022-23	R/W: \$161 Con: \$15,740	PA&ED: \$780 PS&E: \$820 R/W Sup: \$260 Con Sup: \$2,080	20-21 21-22 21-22 22-23	PA&ED: 11/13/2021 R/W Cert: 2/6/2023 RTL: 3/7/2023 Begin Con: 8/3/2023
New			Subtotal: \$15,901 Total Project Cost:	\$3,940 \$19,841		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 23.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.5	0.0	23.5	Lane mile(s)
Post Condition	23.5	0.0	0.0	23.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Plumas
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Plumas-89 12.9/20.0 3714 0218000070	Near Greenville, from 1.4 miles north of Indian Falls Road to south of Hot Springs Road; also from Mill Street to 0.4 mile north of Mill Street (PM 20.6/21.0). Rehabilitate pavement, upgrade guardrail, replace Transportation Management System (TMS) elements and signs, rehabilitate drainage systems, and construct a Maintenance Vehicle Pullout (MVP).	4H030 2023-24	R/W: \$343 Con: \$9,350	PA&ED: \$670 PS&E: \$850 R/W Sup: \$460 Con Sup: \$1,120	20-21 22-23 22-23 23-24	PA&ED: 6/26/2022 R/W Cert: 12/26/2023 RTL: 2/20/2024 Begin Con: 9/5/2024
New			Subtotal: \$9,693	\$3,100		
			Total Project Cost:	\$12,793		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.4	16.4	Lane mile(s)
Post Condition	16.4	0.0	0.0	16.4	Lane mile(s)

Plumas County

R/W:	\$2,640	PA&ED:	\$9,790
Const:	\$190,740	PS&E:	\$9,840
		R/W Sup:	\$2,620
		Con Sup:	\$16,050
Subtotal:	\$193,380		\$38,300
Total (Capital + Support):			\$231,680

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



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

08-Riverside-74 R48.8/49.2 3010H 0817000182	Near Hemet, from 0.7 mile east to 1.1 miles east of Blackburn Road. Permanent restoration of slope erosion and drainage systems.	1J020 2020-21	R/W: \$63 Con: \$3,212	PA&ED: \$983 PS&E: \$1,374 R/W Sup: \$77 Con Sup: \$1,077	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 2/1/2021 RTL: 3/1/2021 Begin Con: 11/1/2021
			Subtotal: \$3,275	\$3,511		
<i>Carryover</i>			Total Project Cost:	\$6,786		

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

COLLISION REDUCTION

08-Riverside-79 5.4/11.4 3006G 0816000049	Near Temecula, from 3.1 miles north of Route 371 to 1.1 miles south of Pauba Road. Construct eight foot shoulders and rumble strip.	1G670 2021-22	R/W: \$1,705 Con: \$43,272	PA&ED: \$4,900 PS&E: \$4,700 R/W Sup: \$751 Con Sup: \$7,700	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 8/19/2022
			Subtotal: \$44,977	\$18,051		
<i>Carryover</i>			Total Project Cost:	\$63,028		

SB1 Baseline Agreement Required

Program 201.010 Safety Improvements
Project Output(s) 108 Collision(s) reduced

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-215 R36.6/R37.2 3013W 0819000045	In the city of Riverside, from 0.2 mile north of Alessandro Boulevard to 0.2 mile south of Eucalyptus Avenue. Construct auxiliary lanes in the northbound and southbound directions between the onramps and offramps.	1K460 2020-21	R/W: \$24 Con: \$6,015	PA&ED: \$699 PS&E: \$762 R/W Sup: \$22 Con Sup: \$1,251	Prior Prior Prior 20-21	PA&ED: 5/4/2020 R/W Cert: 4/1/2021 RTL: 6/1/2021 Begin Con: 11/18/2021
Carryover			Subtotal: \$6,039	\$2,734		
			Total Project Cost:	\$8,773		

Program 201.010 Safety Improvements
Project Output(s) 221 Collision(s) reduced

08-Riverside-79 0.0/5.4 3010X 0813000178	Near Aguanga, from the San Diego County line to south of Sage Road and from north of Woodchuck Road to north of Anza Road (PM 11.4/14.8); also in and near Beaumont, from north of Gilman Springs Road to First Street (PM R34.2/40.1). Install guardrail and flashing beacons.	1E140 2022-23	R/W: \$28 Con: \$6,329	PA&ED: \$405 PS&E: \$968 R/W Sup: \$56 Con Sup: \$1,479	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$6,357	\$2,908		
			Total Project Cost:	\$9,265		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
						FY		
08-Riverside-15 8.2/13.9 3007Q 081600099	In Murrieta and Wildomar, from south of Route 215 to north of Clinton Keith Road. Enhance highway worker safety by installing Maintenance Vehicle Pullouts (MVPs), slope paving, paving beyond gore areas, and installing vegetation control.	1G890 2022-23	R/W: \$10 Con: \$3,830	PA&ED: \$356 PS&E: \$434 R/W Sup: \$11 Con Sup: \$589	20-21 21-22 21-22 22-23		PA&ED: 7/2/2021 R/W Cert: 9/2/2022 RTL: 11/4/2022 Begin Con: 5/4/2023	
New			Subtotal: \$3,840 Total Project Cost:	\$1,390 \$5,230				

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 33 Location(s)

08-Riverside-15 50.6/52.3 3008T 0817000142	In Jurupa Valley, from north of Cantu-Galleano Ranch Road to the San Bernardino County line (PM 52.270); on Route 60 from the San Bernardino County line to east of Etiwanda Avenue (PM 0.0/2.1); also in San Bernardino County in Ontario on Route 60, from east of South Haven Avenue to west of Milliken Avenue (PM 9.2/9.5). Enhance highway worker safety by paving beyond gore areas, adding Maintenance Vehicle Pullouts (MVPs), and installing vegetation control.	1H850 2022-23	R/W: \$20 Con: \$6,962	PA&ED: \$620 PS&E: \$620 R/W Sup: \$33 Con Sup: \$1,272	20-21 21-22 21-22 22-23		PA&ED: 7/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 4/3/2023
New			Subtotal: \$6,982 Total Project Cost:	\$2,545 \$9,527			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 168 Location(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



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

08-Riverside-15	In Temecula and Murrieta from Route	1C570	R/W: \$20	PA&ED: \$435	20-21	PA&ED: 10/1/2021
3.4/10.5	79 to Kalmia Street/California Oaks	2022-23	Con: \$2,315	PS&E: \$806	21-22	R/W Cert: 11/4/2022
3001W	Road and from south of Baxter Road			R/W Sup: \$26	21-22	RTL: 4/3/2023
0812000332	to south of Bundy Canyon Road (PM			Con Sup: \$640	22-23	Begin Con: 12/1/2023
	14.9/16.0). Install trash removal					
	devices.					
New			Subtotal: \$2,335	\$1,907		
			Total Project Cost:	\$4,242		

Program 201.335 Storm Water Mitigation
Project Output(s) 107.0 Acre(s) treated/pollutant

08-Riverside-15	In Wildomar and Lake Elsinore, from	1E340	R/W: \$10	PA&ED: \$314	20-21	PA&ED: 7/1/2022
15.9/20.3	south of Bundy Canyon Road to north	2023-24	Con: \$3,564	PS&E: \$467	22-23	R/W Cert: 7/5/2023
3008E	of Grunder Drive/Franklin Street.			R/W Sup: \$15	22-23	RTL: 8/4/2023
0813000215	Construct Best Management			Con Sup: \$622	23-24	Begin Con: 2/1/2024
	Practices (BMPs) to achieve					
	Statewide National Pollution		Subtotal: \$3,574	\$1,418		
New	Discharge Elimination System (NPDES)		Total Project Cost:	\$4,992		
	permit compliance units for Total					
	Maximum Daily Load (TMDL).					

Program 201.335 Storm Water Mitigation
Project Output(s) 40.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-15 9.4/16.3 3012C 081800090	In and near Murrieta, from Murrieta Hot Springs Road to Bundy Canyon Road. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J670 2022-23	R/W: \$18 Con: \$1,900	PA&ED: \$763 PS&E: \$1,013 R/W Sup: \$34 Con Sup: \$996	20-21 21-22 21-22 22-23	PA&ED: 10/2/2021 R/W Cert: 1/3/2023 RTL: 2/1/2023 Begin Con: 8/1/2023
New			Subtotal: \$1,918	\$2,806		
			Total Project Cost:	\$4,724		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 39 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	39.0	39.0	Each
Post Condition	39.0	0.0	0.0	39.0	Each

08-Riverside-15 16.3/52.3 3012F 0818000124	In and near Lake Elsinore, Corona, Norco, Jurupa Valley, and Eastvale, at various locations from Bundy Canyon Road to Philadelphia Street (San Bernardino County line) (PM 16.3/52.270). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J870 2023-24	R/W: \$67 Con: \$1,633	PA&ED: \$1,012 PS&E: \$1,486 R/W Sup: \$319 Con Sup: \$1,041	20-21 21-22 21-22 23-24	PA&ED: 10/1/2021 R/W Cert: 7/3/2023 RTL: 8/1/2023 Begin Con: 5/1/2024
New			Subtotal: \$1,700	\$3,858		
			Total Project Cost:	\$5,558		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 14 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12.0	12.0	Each
Post Condition	14.0	0.0	0.0	14.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-60 13.3/19.2 3012E 081800094	In Moreno Valley, from Day Street to east of Moreno Beach Drive. Upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J680 2022-23	R/W: \$140 Con: \$2,248	PA&ED: \$421 PS&E: \$948 R/W Sup: \$497 Con Sup: \$817	20-21 21-22 21-22 22-23	PA&ED: 9/3/2021 R/W Cert: 1/2/2023 RTL: 2/2/2023 Begin Con: 11/2/2023
<i>New</i>			Subtotal: \$2,388	\$2,683		
			Total Project Cost:	\$5,071		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 20 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20.0	20.0	Each
Post Condition	20.0	0.0	0.0	20.0	Each

08-Riverside-111 47.3/55.3 3007U 0817000230	In Palm Springs, from Gateway Drive to Golf Club Drive. Reconstruct and construct curb ramps.	0R302 2021-22	R/W: \$2,125 Con: \$6,647	PA&ED: \$1,547 PS&E: \$3,339 R/W Sup: \$2,590 Con Sup: \$2,590	Prior Prior 21-22	PA&ED: 6/29/2016 R/W Cert: 8/2/2021 RTL: 8/2/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$8,772	\$7,476		
			Total Project Cost:	\$16,248		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 130 Structure(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	130.0	130.0	Each
Post Condition	130.0	0.0	0.0	130.0	Each

**V4.0 2020 SHOPP Project List
Riverside
(\$1,000)**



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

08-Riverside-10	Near Desert Center, from Krume Ditch	1H200	R/W: \$190	PA&ED: \$967	Prior	PA&ED: 9/23/2020
R92.9/R101.1	to Wide Ditch. Replace existing Rock	2021-22	* Con: \$10,440	PS&E: \$1,232	20-21	R/W Cert: 2/16/2022
3008N	Slope Protection (RSP) to prevent			R/W Sup: \$259	20-21	RTL: 3/16/2022
0816000177	further scour damage and preserve			* Con Sup: \$3,648	21-22	Begin Con: 11/4/2022
	the integrity of twenty-four bridges.					
<i>Carryover</i>			Subtotal: \$10,630	\$6,106		
	(G13 Contingency)		Total Project Cost:	\$16,736		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 24 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	86,496.0	86,496.0	Square feet
Post Condition	86,496.0	0.0	0.0	86,496.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 56-0097L	Good	Good
Bridge No. 56-0097R	Good	Good
Bridge No. 56-0098L	Good	Good
Bridge No. 56-0098R	Good	Good
Bridge No. 56-0099L	Good	Good
Bridge No. 56-0099R	Fair	Fair
Bridge No. 56-0104L	Good	Good
Bridge No. 56-0104R	Good	Good
Bridge No. 56-0105L	Fair	Fair
Bridge No. 56-0105R	Fair	Fair
Bridge No. 56-0109L	Fair	Fair
Bridge No. 56-0109R	Good	Good
Bridge No. 56-0111L	Good	Good
Bridge No. 56-0111R	Fair	Fair
Bridge No. 56-0112L	Good	Good
Bridge No. 56-0112R	Good	Good
Bridge No. 56-0113L	Fair	Fair
Bridge No. 56-0113R	Good	Good
Bridge No. 56-0118L	Fair	Fair
Bridge No. 56-0118R	Fair	Fair
Bridge No. 56-0120L	Good	Good
Bridge No. 56-0120R	Good	Good
Bridge No. 56-0122L	Good	Good
Bridge No. 56-0122R	Good	Good

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-74 2.9/3.2 3005Q 081600001	Near Lake Elsinore, at Morrill Canyon Bridge No. 56-0169; also near Hemet, at Strawberry Creek Bridge No. 56 -0180 (PM 53.4/54.7). Replace structures/upgrade rails.	1G470 2021-22	R/W: \$653 Con: \$6,824	PA&ED: \$1,690 PS&E: \$1,295 R/W Sup: \$150 Con Sup: \$2,390	Prior 20-21 20-21 21-22	PA&ED: 3/1/2021 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 12/1/2022
Carryover			Subtotal: \$7,477	\$5,525		
			Total Project Cost:	\$13,002		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,971.0	1,971.0	Square feet
Post Condition	3,662.0	0.0	0.0	3,662.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0169	Fair	Good
Bridge No. 56-0180	Good	Good

08-Riverside-10 R87.9 3011Q 0818000055	Near Chiriaco Summit, at Three Star Ditch Bridge No. 59-0129R/L; also at Determination Ditch Bridge No. 59 -0124R/L (PM R90.9). Replace existing Rock Slope Protection (RSP) to restore scour protection.	1J470 2023-24	R/W: \$395 Con: \$10,115	PA&ED: \$1,065 PS&E: \$1,912 R/W Sup: \$51 Con Sup: \$2,651	20-21 22-23 22-23 23-24	PA&ED: 8/4/2022 R/W Cert: 9/5/2023 RTL: 10/2/2023 Begin Con: 6/6/2024
New			Subtotal: \$10,510	\$5,679		
			Total Project Cost:	\$16,189		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset (Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,540.0	13,540.0	Square feet
Post Condition	13,540.0	0.0	0.0	13,540.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0124L	Good	Good
Bridge No. 56-0124R	Good	Good
Bridge No. 56-0129L	Good	Good
Bridge No. 56-0129R	Good	Good

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R91.9/R115.4 3012J 081800098	Near Desert Center, at Orris Ditch Bridge No. 56-0123L/R and at Aztec Ditch Bridge No. 56-0545L/R. Scour mitigation and bridge rail upgrade.	1J710 2022-23	R/W: \$10 Con: \$4,179	PA&ED: \$912 PS&E: \$1,446 R/W Sup: \$17 Con Sup: \$1,717	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New			Subtotal: \$4,189	\$4,092		
			Total Project Cost:	\$8,281		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 4 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15,974.0	15,974.0	Square feet
Post Condition	15,974.0	0.0	0.0	15,974.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 56-0123L	Good	Good
Bridge No. 56-0123R	Good	Good
Bridge No. 56-0545L	Good	Good
Bridge No. 56-0545R	Good	Good

ROADWAY PRESERVATION

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-74 27.5/34.3 3008C 081600084	Near Perris and Hemet, from Route 215 (PM 27.540) to Route 79. Rehabilitate pavement.	1C072 2023-24	R/W: \$80 Con: \$15,375	PA&ED: \$1,267 PS&E: \$1,177 R/W Sup: \$276 Con Sup: \$2,466	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 8/1/2023 RTL: 10/2/2023 Begin Con: 7/1/2024
New			Subtotal: \$15,455	\$5,186		
			Total Project Cost:	\$20,641		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 27.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.9	10.3	27.2	Lane mile(s)
Post Condition	27.2	0.0	0.0	27.2	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-111 47.2/55.3 3008G 0816000043	In Palm Springs, from Golf Club Drive to West Gateway Drive. Rehabilitate pavement.	1G630 2023-24	R/W: \$10 Con: \$17,749	PA&ED: \$901 PS&E: \$1,614 R/W Sup: \$127 Con Sup: \$3,559	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$17,759	\$6,201		
			Total Project Cost:	\$23,960		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 34.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.3	33.6	0.0	34.9	Lane mile(s)
Post Condition	34.9	0.0	0.0	34.9	Lane mile(s)

08-Riverside-215 R13.5/R19.5 3011E 0818000012	Near Murrieta, from 1 mile north of Clinton Keith Road to 1 mile north of Newport Road. Rehabilitate pavement, replace shoulder rumble strip, upgrade culverts, upgrade guardrail, stabilize slopes, and enhance highway worker safety.	1J260 2022-23	R/W: \$20 Con: \$27,553	PA&ED: \$1,374 PS&E: \$2,206 R/W Sup: \$43 Con Sup: \$3,544	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 10/2/2023
New			Subtotal: \$27,573	\$7,167		
			Total Project Cost:	\$34,740		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	9.2	15.4	0.0	24.6	Lane mile(s)
Post Condition	24.6	0.0	0.0	24.6	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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08-Riverside-215 25.0/R31.0 3011H 081800015 New	In and near Perris, from south of San Jacinto River Bridge to north of Ramona Expressway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade guardrail, enhance highway worker safety, and install slope stabilization and erosion control measures. (G13 Contingency)	1J290 2023-24	R/W: \$77	PA&ED: \$1,678	20-21	PA&ED: 12/1/2021	
			* Con: \$38,000	PS&E: \$2,576	21-22	R/W Cert: 7/1/2023	
				R/W Sup: \$51	21-22	RTL: 8/1/2023	
				* Con Sup: \$4,261	23-24	Begin Con: 3/1/2024	
			Subtotal: \$38,077	\$8,566			
			Total Project Cost:	\$46,643			
			* Construction Capital and * Construction Support phases are NOT authorized				
			SBI Baseline Agreement Required				
			Program	201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s)	31.7 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	14.9	16.8	0.0	31.7	Lane mile(s)
Post Condition	31.7	0.0	0.0	31.7	Lane mile(s)

08-Riverside-215 40.5/42.7 3011Y 0818000102 New	In the city of Riverside, from south of Martin Luther King Boulevard to north of Chicago Avenue. Rehabilitate pavement, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and replace sign structures and signs. (G13 Contingency)	1J610 2023-24	R/W: \$22	PA&ED: \$1,022	20-21	PA&ED: 2/1/2022	
			* Con: \$19,861	PS&E: \$1,800	21-22	R/W Cert: 7/3/2023	
				R/W Sup: \$90	21-22	RTL: 8/1/2023	
				* Con Sup: \$2,953	23-24	Begin Con: 3/4/2024	
			Subtotal: \$19,883	\$5,865			
			Total Project Cost:	\$25,748			
			* Construction Capital and * Construction Support phases are NOT authorized				
			Program	201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s)	20.5 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.2	14.7	5.6	20.5	Lane mile(s)
Post Condition	20.5	0.0	0.0	20.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-243 0.0/29.7 3011S 0818000043	Near Mountain Center, Idyllwild and Banning, from Route 74 to Route 10. Rehabilitate pavement and drainage systems; upgrade guardrail, lighting, and sign panels; upgrade facilities to Americans with Disabilities Act (ADA) standards; and enhance highway worker safety improvements.	1J450 2023-24	R/W: \$477 Con: \$20,794	PA&ED: \$864 PS&E: \$1,311 R/W Sup: \$60 Con Sup: \$2,708	20-21 21-22 21-22 23-24	PA&ED: 6/3/2022 R/W Cert: 1/3/2024 RTL: 2/6/2024 Begin Con: 11/7/2024
New			Subtotal: \$21,271 Total Project Cost:	\$4,943 \$26,214		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 26.6 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	26.6	26.6	Lane mile(s)
Post Condition	26.6	0.0	0.0	26.6	Lane mile(s)

08-Riverside-10 R60.9/R74.0 3008A 0816000086	In and near Coachella, from 0.5 mile east of Coachella Canal to Hazy Gulch Bridge. Cold plane pavement and overlay with Portland Cement Concrete (PCC). Construct eastbound truck climbing lane. A one lane temporary detour will be constructed in the median for traffic handling.	1C081 2021-22	R/W: \$10 * Con: \$157,000	PA&ED: \$7,000 PS&E: \$15,800 R/W Sup: \$90 * Con Sup: \$22,000	Prior 20-21 20-21 21-22	PA&ED: 9/2/2020 R/W Cert: 10/7/2021 RTL: 3/3/2022 Begin Con: 7/5/2022
Carryover	(G13 Contingency)		Subtotal: \$157,010 Total Project Cost:	\$44,890 \$201,900		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 52.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	38.2	14.2	0.0	52.4	Lane mile(s)
Post Condition	52.4	0.0	0.0	52.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-10 R134.0/R156.5 3009K 0816000090	In and near Blythe, from Teed Ditch Bridge to Arizona State line. Cold plane mainline pavement and overlay with Portland Cement Concrete (PCC). The shoulders and ramps will be milled and overlaid with Hot Mix Asphalt (HMA-A). A two lane temporary detour will be constructed in the median for traffic handling.	1C083 2021-22	R/W: \$10 * Con: \$207,000	PA&ED: \$9,000 PS&E: \$21,000 R/W Sup: \$117 * Con Sup: \$29,000	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 4/3/2023
Carryover	(G13 Contingency)		Subtotal: \$207,010	\$59,117		
			Total Project Cost:	\$266,127		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	90.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	71.6	18.4	0.0	90.0	Lane mile(s)
Post Condition	90.0	0.0	0.0	90.0	Lane mile(s)

MOBILITY

08-Riverside-15 3.5/6.8 3013F 0819000031	In Temecula, from north of Temecula Parkway to north of Winchester Road. Construct auxiliary lanes to facilitate merging movements, rehabilitate lighting, rehabilitate drainage, install Transportation Management System (TMS) elements, and upgrade guardrail.	1K400 2023-24	R/W: \$70 Con: \$39,302	PA&ED: \$3,177 PS&E: \$3,600 R/W Sup: \$69 Con Sup: \$7,441	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 8/4/2023 RTL: 10/2/2023 Begin Con: 5/5/2024
New			Subtotal: \$39,372	\$14,287		
			Total Project Cost:	\$53,659		
			SBI Baseline Agreement Required			
			Program	201.310 Operational Improvements		
			Project Output(s)	3,556.0 Daily vehicle hour(s) of delay (DVHD)		

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-Var 3012Q 0818000135 New	In Riverside County on Routes 10, 15, 60, 62, 91, 111, and 215 at various locations; also in San Bernardino County, on Route 215 in Colton at Iowa Avenue (PM 0.2). Upgrade Changeable Message Signs (CMS) and guardrail shielding, and construct Maintenance Vehicle Pullouts (MVPs).	1J910 2022-23	R/W: \$42 Con: \$7,160	PA&ED: \$863 PS&E: \$1,463 R/W Sup: \$65 Con Sup: \$2,527	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Subtotal: \$7,202	\$4,918		
			Total Project Cost:	\$12,120		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

08-Riverside-60 R1.0/12.0 3011A 0818000002 New	In the cities of Jurupa Valley and Riverside, from Wineville Road to west of Route 91/215 Separation. Install ramp meters and other Transportation Management System (TMS) elements, widen ramps for High-Occupancy Vehicle (HOV) bypass, upgrade facilities to Americans with Disabilities Act (ADA) standards, and install Maintenance Vehicle Pullouts (MVPs).	1J230 2022-23	R/W: \$10 Con: \$10,505	PA&ED: \$1,233 PS&E: \$2,083 R/W Sup: \$64 Con Sup: \$2,774	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 12/1/2022 RTL: 1/2/2023 Begin Con: 9/7/2023
			Subtotal: \$10,515	\$6,154		
			Total Project Cost:	\$16,669		

Program 201.315 Transportation Management Systems
Project Output(s) 10 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	10	Field element(s)
Post Condition	100.0%		0.0%	10	Field element(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-60 16.1/22.5 0043L 0816000145	In and near Moreno Valley, from west of Perris Boulevard to east of Gilman Springs Road. Install Transportation Management System (TMS) elements.	49612 2022-23	R/W: \$10 Con: \$10,499	PA&ED: \$757 PS&E: \$1,345 R/W Sup: \$23 Con Sup: \$1,987	20-21 20-21 20-21 22-23	PA&ED: 3/1/2021 R/W Cert: 9/2/2022 RTL: 10/4/2022 Begin Con: 6/1/2023
New			Subtotal: \$10,509	\$4,112		
			Total Project Cost:	\$14,621		

Program 201.315 Transportation Management Systems
Project Output(s) 21 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	21	Field element(s)

08-Riverside-10 R59.3/R59.5 3012H 0818000097	In Coachella, from 0.4 mile to 0.6 mile east of Dillon Road. Replace existing Weigh-in-Motion (WIM) system.	1J700 2022-23	R/W: \$10 Con: \$2,454	PA&ED: \$597 PS&E: \$892 R/W Sup: \$18 Con Sup: \$773	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 11/1/2022 RTL: 12/1/2022 Begin Con: 8/1/2023
New			Subtotal: \$2,464	\$2,280		
			Total Project Cost:	\$4,744		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



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

08-Riverside-15 42.4/46.2 3008S 0817000041	In Corona and Norco, from Corona Avenue to the Santa Ana River. Upgrade existing irrigation system to use recycled water.	1H420 2022-23	R/W: \$10 Con: \$3,167	PA&ED: \$316 PS&E: \$368 R/W Sup: \$65 Con Sup: \$394	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 3/1/2023 RTL: 4/6/2023 Begin Con: 11/2/2023
			Subtotal: \$3,177	\$1,143		
New			Total Project Cost:	\$4,320		

Program 201.210 Highway Planting Restoration
Project Output(s) 75.0 Acre(s)

08-Riverside-60 R6.1/8.0 3008R 0817000028	In Jurupa Valley, from east of Pyrite Street to East of Valley Way. Replace and rehabilitate landscaping and irrigation system.	1H380 2022-23	R/W: \$10 Con: \$3,849	PA&ED: \$365 PS&E: \$433 R/W Sup: \$20 Con Sup: \$587	20-21 21-22 21-22 22-23	PA&ED: 2/1/2022 R/W Cert: 12/1/2022 RTL: 2/1/2023 Begin Con: 8/4/2023
			Subtotal: \$3,859	\$1,405		
New			Total Project Cost:	\$5,264		

Program 201.210 Highway Planting Restoration
Project Output(s) 21.2 Acre(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-91 15.6/21.6 3015Y 0820000026	In the city of Riverside, from Adams Street to west of Route 60. Rehabilitate landscaping and irrigation systems.	1L320 2022-23	R/W: \$22 Con: \$3,092	PA&ED: \$400 PS&E: \$450 R/W Sup: \$100 Con Sup: \$503	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 11/1/2022 RTL: 1/1/2023 Begin Con: 8/1/2023
			Subtotal: \$3,114	\$1,453		
New			Total Project Cost:	\$4,567		

Program 201.210 Highway Planting Restoration
Project Output(s) 19.0 Acre(s)

08-Riverside-10 R71.8/R72.4 0049T 0815000218	Near Indio at the Cactus City Safety Roadside Rest Areas (SRRA). Reconstruct and upgrade eastbound and westbound SRRA facilities.	0G850 2023-24	R/W: \$20 Con: \$28,434	PA&ED: \$1,194 PS&E: \$4,282 R/W Sup: \$69 Con Sup: \$5,445	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 12/5/2024
			Subtotal: \$28,454	\$10,990		
New			Total Project Cost:	\$39,444		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



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

08-Riverside-74	Near Lake Elsinore, at the Lake Elsinore Maintenance Station at 18745	1J320 2023-24	R/W: \$2,188 Con: \$3,662	PA&ED: \$1,027 PS&E: \$2,204 R/W Sup: \$88 Con Sup: \$2,263	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 7/5/2023 RTL: 8/5/2023 Begin Con: 4/5/2024
3011L 0818000017	Conard Avenue. Construct a new maintenance facility at the existing location.					
New			Subtotal: \$5,850	\$5,582		
			Total Project Cost:	\$11,432		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	3,000.0	0.0	0.0	3,000.0	Square feet

MULTIPLE OBJECTIVE

08-Riverside-10	Near Banning, Indio, and Blythe, at various Safety Roadside Rest Areas (SRRAs); also in San Bernardino County near Yucaipa at various locations.	1J580 2022-23	R/W: \$20 Con: \$6,381	PA&ED: \$793 PS&E: \$1,118 R/W Sup: \$62 Con Sup: \$1,040	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 5/1/2023
3011C 0818000084	Install Zero-Emission Vehicle (ZEV) charging stations in SRRAs and install Dynamic Truck Parking Signs nearby.					
New			Subtotal: \$6,401	\$3,013		
			Total Project Cost:	\$9,414		

Program 201.999 Multiple Objective
Project Output(s) 6 Location(s)

V4.0 2020 SHOPP Project List
Riverside
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-Riverside-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 Americans with Disabilities Act (ADA) standards.	1H060 2021-22	R/W: \$1,267 Con: \$31,282	PA&ED: \$3,000 PS&E: \$5,140 R/W Sup: \$4,530 Con Sup: \$4,100	Prior Prior Prior 21-22	PA&ED: 2/20/2020 R/W Cert: 2/1/2022 RTL: 3/1/2022 Begin Con: 12/21/2022
Carryover			Subtotal: \$32,549	\$16,770		
			Total Project Cost:	\$49,319		

SB1 Baseline Agreement Required

Program 201.999 Multiple Objective
Project Output(s) 49.0 Centerline mile(s)

Riverside County

R/W:	\$9,863	PA&ED:	\$52,370
Const:	\$772,604	PS&E:	\$91,872
		R/W Sup:	\$11,684
		Con Sup:	\$130,805
Subtotal:	\$782,467		\$286,731
Total (Capital + Support):			\$1,069,198

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



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

03-Sacramento-Var	In Sacramento, Butte, Placer, Sutter, Nevada and Yolo Counties, on	0H680	R/W:	PA&ED:	\$90	Prior	PA&ED: 8/19/2019
3313	Routes 50, 65, 70, 80, 89, 99, 160 at	2020-21	Con: \$2,000	PS&E:	\$170	Prior	R/W Cert: 10/1/2020
0316000010	various locations. Upgrade crash			R/W Sup:	\$30	Prior	RTL: 10/1/2020
	cushions and sand barrel arrays to			Con Sup:	\$460	20-21	Begin Con: 4/1/2021
	make more durable.						
<i>Carryover</i>				Subtotal:	\$2,000		
				Total Project Cost:		\$2,750	

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

03-Sacramento-51	In the city of Sacramento, between	3H730	R/W: \$10	PA&ED: \$410	20-21	PA&ED: 7/1/2021
5.6/5.9	Marconi Avenue and Howe Avenue.	2022-23	Con: \$3,100	PS&E: \$740	21-22	R/W Cert: 10/10/2022
6414	Construct outer separation barrier.			R/W Sup: \$90	21-22	RTL: 10/24/2022
0318000055				Con Sup: \$530	22-23	Begin Con: 2/6/2023
				Subtotal:	\$3,110	
<i>New</i>				Total Project Cost:		\$4,880

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

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-51 1.6/4.4 6413 0317000064	In the city of Sacramento, from 0.1 mile south of B Street Underpass to 0.4 mile north of Arden Way. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H110 2021-22	R/W: \$10 Con: \$4,000	PA&ED: \$280 PS&E: \$530 R/W Sup: \$50 Con Sup: \$1,120	Prior 20-21 20-21 21-22	PA&ED: 1/6/2020 R/W Cert: 4/15/2021 RTL: 10/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$4,010 Total Project Cost:	\$1,980 \$5,990		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 61 Location(s)
03-Sacramento-80 M9.1/R11.4 6716 0317000068	In and near the city of Sacramento, from Del Paso Park Separation to 0.4 mile north of Route 80/244 Separation; also on Route 51 from PM 8.3 to 8.6 and Route 244 from PM 0.0 to 0.9. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H150 2020-21	R/W: \$10 Con: \$3,700	PA&ED: \$250 PS&E: \$570 R/W Sup: \$10 Con Sup: \$1,050	Prior Prior 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/21/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
<i>Carryover</i>			Subtotal: \$3,700 Total Project Cost:	\$1,880 \$5,580		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 49 Location(s)

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-80 R11.4/18.0 6715 0317000065	In and near Citrus Heights, from east of the Route 80/244 Separation to the Placer County line. Pave areas behind the gore and at narrow and miscellaneous locations, place vegetation control, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	2H120 2020-21	R/W: Con: \$2,500	PA&ED: \$260 PS&E: \$500 R/W Sup: \$10 Con Sup: \$1,000	20-21 20-21 20-21 20-21	PA&ED: 5/5/2020 R/W Cert: 2/22/2021 RTL: 2/26/2021 Begin Con: 8/2/2021
Carryover			Subtotal: \$2,500 Total Project Cost:	\$1,770 \$4,270		
						Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 67 Location(s)

BRIDGE PRESERVATION

03-Sacramento-12 0.0/0.4 5960 0316000059	In and near Rio Vista, at the Sacramento River Bridge No. 23-0024; also in Solano County, from PM 26.3 to PM 26.4. Rehabilitate movable bridge electrical and mechanical systems and upgrade Americans with Disabilities Act (ADA) facilities.	1H130 2021-22	R/W: \$100 * Con: \$16,400	PA&ED: \$760 PS&E: \$2,460 R/W Sup: \$20 * Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 12/11/2020 R/W Cert: 3/10/2022 RTL: 3/25/2022 Begin Con: 7/22/2022
Carryover	(G13 Contingency)		Subtotal: \$16,500 Total Project Cost:	\$6,360 \$22,860		
						* Construction Capital and * Construction Support phases are NOT authorized Program 201.110 Bridge Major Rehabilitation Project Output(s) 1 Bridge(s)

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

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0024	Fair	Fair

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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03-Sacramento-51 2.0/3.5 6402 0312000054	In the city of Sacramento, at the American River Bridge No.24-0003 from north of B Street Underpass to north of Exposition Boulevard Overcrossing. Widen and replace bridge deck.	3F070 2021-22	R/W: \$2,000 * Con: \$123,000	PA&ED: \$4,340 PS&E: \$12,000 R/W Sup: \$600 * Con Sup: \$22,000	Prior Prior Prior 21-22	PA&ED: 6/1/2020 R/W Cert: 10/1/2021 RTL: 10/20/2021 Begin Con: 3/1/2022
Carryover	(G13 Contingency)		Subtotal: \$125,000	\$38,940		
			Total Project Cost:	\$163,940		

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

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	166,593.0	0.0	166,593.0	Square feet
Post Condition	166,593.0	0.0	0.0	166,593.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 24-0003	Fair	Good
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03-Sacramento-50 L0.0/L0.5 6247 0316000056	In the city of Sacramento, from the Sacramento River Viaduct (Pioneer Bridge) to 4th Street; also on Route 5, from 0.2 mile south of Broadway to S Street (PM 22.15/22.91). Clean and paint steel bridge girders within Route 5/50 Interchange.	1H100 2020-21	R/W: \$20 Con: \$16,700	PA&ED: \$350 PS&E: \$940 R/W Sup: \$10 Con Sup: \$3,010	Prior Prior Prior 20-21	PA&ED: 6/20/2019 R/W Cert: 2/1/2021 RTL: 2/1/2021 Begin Con: 9/1/2021
Carryover			Subtotal: \$16,720	\$4,310		
			Total Project Cost:	\$21,030		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 9 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet
Post Condition	279,926.0	50,741.0	0.0	330,667.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 24-4101	Good	Good
Bridge No. 24-4102	Good	Good
Bridge No. 24-4104	Good	Good
Bridge No. 24-4106	Fair	Fair
Bridge No. 24-4113	Good	Good
Bridge No. 24-4117	Good	Good
Bridge No. 24-4125	Good	Good
Bridge No. 24-4305	Good	Good
Bridge No. 24-4330	Good	Good

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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03-Sacramento-5 22.1/26.7 5868 0317000340 Carryover	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	PA&ED: \$16,780	Prior	PA&ED: 7/1/2020 R/W Cert: 5/9/2022 RTL: 5/23/2022 Begin Con: 10/21/2022
			* Con: \$176,700	* PS&E: \$19,340	21-22	
				* R/W \$2,910	21-22	
				* Con Sup: \$28,390	21-22	
			Subtotal: \$179,810	\$67,420		
			Total Project Cost:	\$247,230		

* Con, * R/W, * PS&E, * R/W Sup, * Con Sup phase(s) are NOT authorized

ACCELERATED BRIDGE (PA&ED Only)

SBI Baseline Agreement Required

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 3 Bridge(s)

Primary Asset
(Goods Movement)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	55,875.0	55,875.0	Square feet
Post Condition	55,875.0	0.0	0.0	55,875.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 24-0068L	Good	Good
Bridge No. 24-0068R	Good	Good
Bridge No. 24-0267	Good	Good

ROADWAY PRESERVATION

03-Sacramento-80 M9.6/12.9 6714 0316000065 Carryover	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	PA&ED: \$50	Prior	PA&ED: 1/25/2019 R/W Cert: 10/8/2019 RTL: 6/10/2021 Begin Con: 12/15/2021
			Con: \$14,000	PS&E: \$1,500	Prior	
				R/W Sup: \$80	Prior	
				Con Sup: \$2,500	21-22	
			Subtotal: \$14,100	\$4,130		
			Total Project Cost:	\$18,230		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	5.0	26.4	0.0	31.4	Lane mile(s)
Post Condition	31.4	0.0	0.0	31.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



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

03-Sacramento-50 R7.7/R9.5 6197 0300001101	In and near Rancho Cordova, from Bradshaw Road to Mather Field Road. Operational improvements that construct auxiliary lanes in both westbound and eastbound directions.	1F150 2020-21	R/W: \$102 Con: \$7,800	PA&ED: \$396 PS&E: \$659 R/W Sup: \$103 Con Sup: \$1,080	Prior 20-21 20-21 20-21	PA&ED: 10/1/2019 R/W Cert: 7/6/2020 RTL: 8/1/2020 Begin Con: 2/15/2021
<i>Carryover</i>			Subtotal: \$7,902	\$2,238		
			Total Project Cost:	\$10,140		

Program 201.310 Operational Improvements
Project Output(s) 143.0 Daily vehicle hour(s) of delay (DVHD)

03-Sacramento-99 12.7/16.0 6930 0316000193	In Elk Grove, from Elk Grove Boulevard to south of Calvine Road. Construct two auxiliary lanes and upgrade four ramp metering systems.	1H630 2022-23	R/W: \$320 Con: \$18,100	PA&ED: \$810 PS&E: \$1,550 R/W Sup: \$250 Con Sup: \$2,000	20-21 21-22 21-22 22-23	PA&ED: 8/19/2021 R/W Cert: 1/3/2023 RTL: 1/18/2023 Begin Con: 5/19/2023
<i>New</i>			Subtotal: \$18,420	\$4,610		
			Total Project Cost:	\$23,030		

Program 201.310 Operational Improvements
Project Output(s) 298.0 Daily vehicle hour(s) of delay (DVHD)

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-5 6411 031700009 Carryover	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: \$20 Con: \$3,000	PA&ED: \$320 PS&E: \$660 R/W Sup: \$20 Con Sup: \$1,020	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 3/10/2021 RTL: 3/25/2021 Begin Con: 7/21/2021
			Subtotal: \$3,020	\$2,020		
			Total Project Cost:	\$5,040		

Program 201.315 Transportation Management Systems
Project Output(s) 4 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	4	Field element(s)

03-Sacramento-50 L0.0/17.5 6250 0317000325 Carryover	In and near the cities of Sacramento, Rancho Cordova, and Folsom, from Yolo County line to Folsom Boulevard; also in Yolo County in West Sacramento, from Route 80 to Sacramento County line (PM 0.0 to 3.156), and on Route 80 from Enterprise Boulevard to Route 50 (PM 9.2 to R9.552). Install Transportation Management System (TMS) field elements.	3H330 2020-21	R/W: \$200 Con: \$38,400	PA&ED: \$940 PS&E: \$2,700 R/W Sup: \$520 Con Sup: \$3,900	Prior Prior Prior 20-21	PA&ED: 8/13/2019 R/W Cert: 9/16/2020 RTL: 10/15/2020 Begin Con: 4/5/2021
			Subtotal: \$38,600	\$8,060		
			Total Project Cost:	\$46,660		

Program 201.315 Transportation Management Systems
Project Output(s) 79 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	52	Field element(s)
Post Condition	100.0%		0.0%	79	Field element(s)

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
03-Sacramento-50 15.7/23.1 6248 0317000006	In and near Rancho Cordova and Folsom, from Hazel Avenue to the county line; also in El Dorado County near El Dorado Hills, from the county line to 0.1 mile east of White Rock Road (PM 0.0/R1.9). Install fiber optic cable and wireless communication systems.	1H820 2020-21	R/W: \$5 Con: \$4,650	PA&ED: \$240 PS&E: \$950 R/W Sup: \$110 Con Sup: \$1,050	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 9/15/2020 RTL: 10/12/2020 Begin Con: 2/5/2021
<i>Carryover</i>			Subtotal: \$4,655	\$2,350		
			Total Project Cost:	\$7,005		

Program 201.315 Transportation Management Systems
Project Output(s) 3.5 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	3.5	Mile(s) of cable

03-Sacramento-99 10.0/R24.3 6925 0316000005	In and near the cities of Elk Grove and Sacramento, from Grant Line Road to Route 50; also on Route 51, from Route 50 to 0.1 mile south of the Fort Sutter Viaduct (PM 0.0/0.1). Install fiber optic cable.	0H670 2021-22	R/W: \$100 Con: \$9,000	PA&ED: \$700 PS&E: \$1,000 R/W Sup: \$50 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 6/28/2019 R/W Cert: 7/16/2021 RTL: 8/2/2021 Begin Con: 1/10/2022
<i>Carryover</i>			Subtotal: \$9,100	\$3,050		
			Total Project Cost:	\$12,150		

Program 201.315 Transportation Management Systems
Project Output(s) 14.0 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	14.0	Mile(s) of cable

**V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)**



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

03-Sacramento-5 22.0/22.9 5865 0317000066	In the city of Sacramento, from south of Broadway to 0.12 mile south of R Street. Highway planting rehabilitation.	2H130 2021-22	R/W: \$10 Con: \$2,500	PA&ED: \$230 PS&E: \$520 R/W Sup: \$80 Con Sup: \$430	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 9/22/2021 RTL: 10/11/2021 Begin Con: 3/30/2022
			Subtotal: \$2,510	\$1,260		
<i>Carryover</i>			Total Project Cost:	\$3,770		

Program 201.210 Highway Planting Restoration
Project Output(s) 16.0 Acre(s)

FACILITIES

03-Sacramento-50 12.5 6255 0319000128	In Rancho Cordova, at the District 3 Regional Transportation Management Center (RTMC) (3165 Gold Valley Drive). Install new Heating Ventilation and Air Conditioning (HVAC) system.	4H970 2022-23	R/W: Con: \$4,300	PA&ED: \$430 PS&E: \$860 R/W Sup: \$20 Con Sup: \$770	20-21 20-21 20-21 22-23	PA&ED: 6/1/2021 R/W Cert: 9/15/2022 RTL: 10/3/2022 Begin Con: 4/3/2023
			Subtotal: \$4,300	\$2,080		
<i>New</i>			Total Project Cost:	\$6,380		

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	34,200.0	0.0	0.0	34,200.0	Square feet
Post Condition	34,200.0	0.0	0.0	34,200.0	Square feet

V4.0 2020 SHOPP Project List
Sacramento
(\$1,000)



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

			R/W:	\$6,107	PA&ED:	\$27,636
			Const:	\$449,850	PS&E:	\$47,649
					R/W Sup:	\$4,963
					Con Sup:	\$74,730
			<hr/>			
			Subtotal:	\$455,957		\$154,978
			Total (Capital + Support):			\$610,935

V4.0 2020 SHOPP Project List
San Benito
(\$1,000)



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

05-San Benito-25 18.8/19.1 2697 0516000164	Near Pinnacles National Park, from 0.7 miles north of San Benito Lateral/Old Hernandez Road to 2.4 miles south of Route 146. Improve curve and flatten slope.	1H810 2020-21	R/W: \$363 Con: \$6,150	PA&ED: \$1,181 PS&E: \$1,756 R/W Sup: \$345 Con Sup: \$1,506	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 6/28/2021 RTL: 6/28/2021 Begin Con: 1/25/2022
<i>Carryover</i>			Subtotal: \$6,513	\$4,788		
			Total Project Cost:	\$11,301		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

05-San Benito-25 54.0 2746 0517000185	Near Hollister, at the intersection of Route 25 and Route 156. Improve safety by constructing a roundabout.	1J480 2020-21	R/W: \$4 Con: \$7,659	PA&ED: PS&E: \$1,295 R/W Sup: \$215 Con Sup: \$1,455	Prior Prior 20-21	PA&ED: 6/29/2018 R/W Cert: 4/10/2020 RTL: 8/27/2020 Begin Con: 6/10/2021
<i>Carryover</i>			Subtotal: \$7,663	\$2,965		
			Total Project Cost:	\$10,628		

Program 201.010 Safety Improvements
Project Output(s) 76 Collision(s) reduced

San Benito County

R/W:	\$367	PA&ED:	\$1,181
Const:	\$13,809	PS&E:	\$3,051
		R/W Sup:	\$560
		Con Sup:	\$2,961
Subtotal:	\$14,176		\$7,753
Total (Capital + Support):			\$21,929

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



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

08-San Bernardino-18 20.6/20.9 3012A 0818000070	Near Twin Peaks, from Route 189 to east of Route 189; also on Route 189, from 0.2 mile to 0.3 mile east of Route 18 (PM 0.16/0.26). Repair slope due to recurring erosion. Construct soldier pile wall, replace guardrail with concrete barrier, and upgrade drainage system.	1J550 2021-22	R/W: \$326 Con: \$6,807	PA&ED: \$1,011 PS&E: \$1,498 R/W Sup: \$151 Con Sup: \$1,969	Prior 20-21 20-21 21-22	PA&ED: 2/1/2021 R/W Cert: 4/1/2022 RTL: 5/2/2022 Begin Con: 12/1/2022
<i>Carryover</i>			Subtotal: \$7,133	\$4,629		
			Total Project Cost:	\$11,762		

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

COLLISION REDUCTION

08-San Bernardino-15 R21.5/R22.0 3010J 0817000237	Near Hesperia, from 0.1 mile north of the Route 138 Separation to Gish Overhead. Extend deceleration lane leading to southbound offramp.	1J200 2020-21	R/W: \$125 Con: \$4,400	PA&ED: \$775 PS&E: \$1,190 R/W Sup: \$40 Con Sup: \$1,840	Prior 20-21 20-21 20-21	PA&ED: 6/3/2020 R/W Cert: 5/3/2021 RTL: 6/1/2021 Begin Con: 10/11/2021
<i>Carryover</i>			Subtotal: \$4,525	\$3,845		
			Total Project Cost:	\$8,370		

Program 201.010 Safety Improvements
Project Output(s) 44 Collision(s) reduced

**V4.0 2020 SHOPP Project List
San Bernardino**

(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 174.3/175.7 3010L 0818000117	Near Mountain Pass, from 2.8 miles north of Bailey Road to 0.8 mile south of Nipton Road. Construct median barrier.	1J810 2020-21	R/W: \$10 Con: \$1,125	PA&ED: \$364 PS&E: \$527 R/W Sup: \$21 Con Sup: \$536	Prior 20-21 20-21 20-21	PA&ED: 8/3/2020 R/W Cert: 3/1/2021 RTL: 5/5/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$1,135	\$1,448		
			Total Project Cost:	\$2,583		

Program 201.010 Safety Improvements
Project Output(s) 14 Collision(s) reduced

08-San Bernardino-138 0.0/2.4 3010F 0817000139	Near Pinon Hills, from Los Angeles County line to 0.5 mile west of Phelan Road. Widen roadway to provide up to 14 foot median, widen shoulders, and construct rumble strips.	1H830 2021-22	R/W: \$10 Con: \$5,890	PA&ED: \$850 PS&E: \$800 R/W Sup: \$75 Con Sup: \$1,500	Prior 20-21 20-21 21-22	PA&ED: 8/10/2020 R/W Cert: 7/1/2021 RTL: 8/16/2021 Begin Con: 2/11/2022
Carryover			Subtotal: \$5,900	\$3,225		
			Total Project Cost:	\$9,125		

Program 201.010 Safety Improvements
Project Output(s) 55 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-138 R14.8/R15.1 3010W 0817000138	Near Hesperia, from 0.1 mile west to 0.2 mile east of Cajon Creek Bridge; also on Route 15, at 0.2 mile north of Route 138 (PM R21.6). Install traffic signals, realign Cajon Boulevard, widen southbound offramp, add left turn lane, and construct curb ramps.	1H820 2021-22	R/W: \$685 Con: \$2,488	PA&ED: \$570 PS&E: \$1,160 R/W Sup: \$255 Con Sup: \$1,050	Prior Prior Prior 21-22	PA&ED: 8/5/2019 R/W Cert: 8/2/2021 RTL: 9/1/2021 Begin Con: 1/7/2022
Carryover			Subtotal: \$3,173	\$3,035		
			Total Project Cost:	\$6,208		

Program 201.010 Safety Improvements
Project Output(s) 10 Collision(s) reduced

08-San Bernardino-259 1.1/1.2 3016C 0819000102	n the city of San Bernardino, from H Street to Route 210. Construct median barrier.	1K780 2020-21	R/W: \$20 Con: \$491	PA&ED: \$296 PS&E: \$495 R/W Sup: \$17 Con Sup: \$347	Prior 20-21 20-21 20-21	PA&ED: 7/3/2020 R/W Cert: 3/1/2021 RTL: 5/3/2021 Begin Con: 4/4/2022
Carryover			Subtotal: \$511	\$1,155		
			Total Project Cost:	\$1,666		

Program 201.010 Safety Improvements
Project Output(s) 1 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3010Y 0817000179 New	In San Bernardino and Riverside Counties, at various locations. Upgrade or install curve warning signs.	1H990 2023-24	R/W: \$10 Con: \$6,940	PA&ED: \$942 PS&E: \$2,102 R/W Sup: \$260 Con Sup: \$4,520	20-21 22-23 22-23 23-24	PA&ED: 8/2/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/9/2024
			Subtotal: \$6,950	\$7,824		
			Total Project Cost:	\$14,774		

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

08-San Bernardino-15 R96.1/R124.3 3002E 0813000003 Carryover	Near Barstow, from 0.3 mile south of Harvard Road to Rasor Road. Regrade and flatten median cross slope.	1C720 2021-22	R/W: \$10 Con: \$15,058	PA&ED: \$890 PS&E: \$920 R/W Sup: \$50 Con Sup: \$3,160	Prior Prior Prior 21-22	PA&ED: 12/29/2017 R/W Cert: 1/3/2022 RTL: 2/1/2022 Begin Con: 11/1/2022
			Subtotal: \$15,068	\$5,020		
			Total Project Cost:	\$20,088		

Program 201.015 Collision Severity Reduction
Project Output(s) 20 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R25.0/R50.0 3007X 0812000028	Near Barstow, from 1.4 miles east of Fort Cady Road Overcrossing to Crucero Road Undercrossing. Regrade median cross slopes.	0R170 2021-22	R/W: \$2,075 Con: \$28,488	PA&ED: \$3,200 PS&E: \$1,900 R/W Sup: \$300 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 10/8/2020 R/W Cert: 1/5/2022 RTL: 2/10/2022 Begin Con: 9/6/2022
			Subtotal: \$30,563	\$8,700		
Carryover			Total Project Cost:	\$39,263		

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

08-San Bernardino-40 R100.0/R125.0 3002W 0815000200	Near Needles, from Essex Road Overcrossing to 4.5 miles east of Homer Wash Bridge. Regrade median cross slopes.	0R141 2020-21	R/W: \$5,006 Con: \$25,500	PA&ED: \$3,300 PS&E: \$2,500 R/W Sup: \$300 Con Sup: \$3,500	Prior Prior Prior 20-21	PA&ED: 7/9/2020 R/W Cert: 5/3/2021 RTL: 6/3/2021 Begin Con: 2/4/2022
			Subtotal: \$30,506	\$9,600		
Carryover			Total Project Cost:	\$40,106		

SB1 Baseline Agreement Required

Program 201.015 Collision Severity Reduction
Project Output(s) 41 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-15 6.7/R22.3 3007J 0816000098	In and near Rancho Cucamonga and Fontana, from Baseline Avenue to 0.9 mile north of Route 138. Enhance highway worker safety by installing vegetation control, rock blanket, stamped concrete in areas beyond the gore, and quick-change sign post sleeves.	1G880 2022-23	R/W: \$20 Con: \$10,493	PA&ED: \$543 PS&E: \$968 R/W Sup: \$44 Con Sup: \$1,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 12/1/2022 RTL: 2/1/2023 Begin Con: 9/1/2023
<i>New</i>			Subtotal: \$10,513	\$3,175		
			Total Project Cost:	\$13,688		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 253 Location(s)

BRIDGE PRESERVATION

08-San Bernardino-40 101.3 3008K 0816000079	Near Needles, at the Halfway Hills Wash Bridge No. 54-0799L/R. Retrofit bridge footings, replace and expand Rock Slope Protection (RSP) limits.	1G830 2021-22	R/W: \$30 Con: \$9,652	PA&ED: \$1,393 PS&E: \$1,903 R/W Sup: \$55 Con Sup: \$2,538	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 11/2/2022
<i>Carryover</i>			Subtotal: \$9,682	\$5,889		
			Total Project Cost:	\$15,571		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

Primary Asset
(Scour)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,304.0	22,304.0	Square feet
Post Condition	22,304.0	0.0	0.0	22,304.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 54-0799L	Good	Good
Bridge No. 54-0799R	Good	Good

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-66 21.3 3007L 0814000215	In the city of San Bernardino, at Lytle Creek Channel Bridge No. 54-0423; also on Route 215 at Little League Drive Overcrossing Bridge No. 54-0533 (PM 14.9). Upgrade bridge rails and widen bridges.	1F400 2023-24	R/W: \$377 Con: \$6,884	PA&ED: \$697 PS&E: \$2,334 R/W Sup: \$223 Con Sup: \$2,914	20-21 21-22 21-22 23-24	PA&ED: 7/5/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 6/1/2024
New			Subtotal: \$7,261	\$6,168		
			Total Project Cost:	\$13,429		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 490.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	490.0	490.0	Linear feet rail
Post Condition	490.0	0.0	0.0	490.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 54-0423	Good	Good
Bridge No. 54-0533	Fair	Fair

08-San Bernardino-15 2.4 3011R 0818000069	In Ontario, at S15-E10 Connector Overcrossing No. 54-0910F. Seismic retrofit and bridge rail upgrade to make standard.	1J540 2023-24	R/W: \$10 Con: \$15,130	PA&ED: \$840 PS&E: \$1,951 R/W Sup: \$31 Con Sup: \$2,380	20-21 21-22 21-22 23-24	PA&ED: 1/3/2022 R/W Cert: 7/1/2023 RTL: 8/1/2023 Begin Con: 3/3/2024
New			Subtotal: \$15,140	\$5,202		
			Total Project Cost:	\$20,342		

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

**Primary Asset
(Seismic)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	86,219.0	86,219.0	Square feet
Post Condition	86,219.0	0.0	0.0	86,219.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 54-0910F	Fair	Fair
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V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 95.4 3006C 0815000192	In Victorville, at Mojave River Bridge No. 54-0307; also on Route 10, at Colton Overhead No. 54-0464R (PM R22.36); and Route 215 North/Route 10 East Connector Overhead No. 54-0482G (PM 3.72). Various repairs to three bridges.	1G280 2021-22	R/W: \$62 Con: \$2,639	PA&ED: \$320 PS&E: \$780 R/W Sup: \$100 Con Sup: \$690	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 10/15/2021 RTL: 11/16/2021 Begin Con: 7/15/2022
Carryover			Subtotal: \$2,701	\$1,890		
			Total Project Cost:	\$4,591		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	24,000.0	0.0	24,000.0	Square feet
Post Condition	24,000.0	0.0	0.0	24,000.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 54-0307	Fair	Good
Bridge No. 54-0464R	Fair	Fair
Bridge No. 54-0482G	Good	Good

ROADWAY PRESERVATION

08-San Bernardino-18 90.9/R96.6 3011J 0818000016	In Apple Valley and Victorville, from Apple Valley Inn Road/Dale Evans Parkway to Route 15. Rehabilitate pavement, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade signs.	1J300 2023-24	R/W: \$241 Con: \$14,801	PA&ED: \$1,867 PS&E: \$2,357 R/W Sup: \$117 Con Sup: \$3,303	20-21 21-22 21-22 23-24	PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 1/2/2024 Begin Con: 9/16/2024
New			Subtotal: \$15,042	\$7,644		
			Total Project Cost:	\$22,686		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.7 Lane mile(s)

Primary Asset

	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	20.7	20.7	Lane mile(s)
Post Condition	20.7	0.0	0.0	20.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 100.9/115.9 3007M 0816000020	In and near Adelanto, from Route 395 Junction to Los Angeles County line. Cold plane pavement and place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement.	1G520 2020-21	R/W: \$65 Con: \$16,442	PA&ED: \$564 PS&E: \$1,588 R/W Sup: \$77 Con Sup: \$2,366	Prior Prior Prior 20-21	PA&ED: 11/1/2019 R/W Cert: 4/1/2021 RTL: 5/3/2021 Begin Con: 2/1/2022
Carryover			Subtotal: \$16,507	\$4,595		
			Total Project Cost:	\$21,102		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.8	0.0	37.8	Lane mile(s)
Post Condition	37.8	0.0	0.0	37.8	Lane mile(s)

08-San Bernardino-40 0.0/R15.0 3012K 0818000099	In and near Barstow, from Route 15 to 3.4 miles west of National Trails Highway; also on Main Street spur (PM S0.0/S0.8). Pavement rehabilitation, upgrade signs and lighting, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, and upgrade safety devices. (G13 Contingency)	1J720 2023-24	R/W: \$235 * Con: \$41,230	PA&ED: \$1,132 PS&E: \$1,400 R/W Sup: \$756 * Con Sup: \$3,686	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/1/2023 RTL: 1/3/2024 Begin Con: 10/1/2024
New			Subtotal: \$41,465	\$6,974		
			Total Project Cost:	\$48,439		
			* Construction Capital and * Construction Support phases are NOT authorized SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	60.8 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.8	0.0	60.8	Lane mile(s)
Post Condition	60.8	0.0	0.0	60.8	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-66 20.1/23.2 3007P 0816000048	In San Bernardino, from Pepper Avenue to H Street (PM 20.14/23.156). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G660 2023-24	R/W: \$525 Con: \$11,465	PA&ED: \$1,073 PS&E: \$1,538 R/W Sup: \$1,941 Con Sup: \$1,362	20-21 22-23 22-23 23-24	PA&ED: 6/1/2022 R/W Cert: 12/1/2023 RTL: 2/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$11,990	\$5,914		
			Total Project Cost:	\$17,904		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 12.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.5	0.0	12.5	Lane mile(s)
Post Condition	12.5	0.0	0.0	12.5	Lane mile(s)

08-San Bernardino-83 7.6/11.1 3011G 0818000013	In Ontario, from south of Cedar Street to Route 10. Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1J280 2023-24	R/W: \$646 * Con: \$23,449	PA&ED: \$3,342 PS&E: \$5,553 R/W Sup: \$1,772 * Con Sup: \$5,797	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 5/1/2024 RTL: 6/3/2024 Begin Con: 3/3/2025
New	(G13 Contingency)		Subtotal: \$24,095	\$16,464		
			Total Project Cost:	\$40,559		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 17.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	17.9	0.0	17.9	Lane mile(s)
Post Condition	17.9	0.0	0.0	17.9	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-215 3.6/6.0 3011U 0818000086	In the cities of Colton and San Bernardino, from south of Route 10 to Mill Street. Rehabilitate pavement, upgrade safety devices, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance highway worker safety.	1J630 2022-23	R/W: \$22 Con: \$15,718	PA&ED: \$645 PS&E: \$1,205 R/W Sup: \$129 Con Sup: \$2,030	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 10/3/2022 RTL: 4/3/2023 Begin Con: 11/17/2023
New			Subtotal: \$15,740	\$4,009		
			Total Project Cost:	\$19,749		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	18.0	0.0	18.0	Lane mile(s)
Post Condition	18.0	0.0	0.0	18.0	Lane mile(s)

08-San Bernardino-247 0.0/23.0 3011F 0818000014	In and near Yucca Valley, from Route 62 to north of Gin Road. Rehabilitate pavement and widen shoulders.	1J270 2023-24	R/W: \$787 Con: \$17,951	PA&ED: \$1,494 PS&E: \$2,073 R/W Sup: \$2,090 Con Sup: \$1,881	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 3/1/2024 RTL: 4/2/2024 Begin Con: 1/3/2025
New			Subtotal: \$18,738	\$7,538		
			Total Project Cost:	\$26,276		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 47.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	47.5	0.0	47.5	Lane mile(s)
Post Condition	47.5	0.0	0.0	47.5	Lane mile(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-395 R4.0/49.0 3009H 0816000046	In and near Hesperia, Victorville, and Adelanto, from Route 15 to 3.1 miles north of Route 58. Rehabilitate pavement (PM R3.981/11.2 and PM 16.6/35.5), install Changeable Message Signs (CMS), upgrade guardrail and sign panels, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G640 2022-23	R/W: \$363 Con: \$33,877	PA&ED: \$945 PS&E: \$2,095 R/W Sup: \$394 Con Sup: \$3,837	20-21 21-22 21-22 22-23	PA&ED: 1/3/2022 R/W Cert: 3/3/2023 RTL: 4/3/2023 Begin Con: 12/4/2023
New			Subtotal: \$34,240 Total Project Cost:	\$7,271 \$41,511		

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 60.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	60.7	0.0	60.7	Lane mile(s)
Post Condition	60.7	0.0	0.0	60.7	Lane mile(s)

08-San Bernardino-18 T8.0/R17.8 0184C 0815000184	In and near Arrowhead, from 48th Street to Route 138. Repair, reline and replace culverts.	0G691 2021-22	R/W: \$385 Con: \$7,185	PA&ED: \$742 PS&E: \$1,090 R/W Sup: \$1,240 Con Sup: \$1,059	Prior 20-21 20-21 21-22	PA&ED: 3/16/2020 R/W Cert: 11/5/2021 RTL: 12/6/2021 Begin Con: 8/15/2022
Carryover			Subtotal: \$7,570 Total Project Cost:	\$4,131 \$11,701		

Program 201.151 Drainage System Restoration
Project Output(s) 63 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	3,419.5	2,917.4	1,775.7	8,112.6	Linear feet
Post Condition	8,112.6	0.0	0.0	8,112.6	Linear feet

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-18 34.0/44.3 3011K 0818000018	Near Big Bear Lake, from Arrowbear Drive to Route 38. Rehabilitate culverts and install Changeable Message Sign (CMS).	1J310 2023-24	R/W: \$452 Con: \$4,988	PA&ED: \$1,156 PS&E: \$1,260 R/W Sup: \$23 Con Sup: \$1,742	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 8/8/2024
<i>New</i>			Subtotal: \$5,440	\$4,181		
			Total Project Cost:	\$9,621		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,071.0	2,071.0	Linear feet
Post Condition	2,071.0	0.0	0.0	2,071.0	Linear feet

08-San Bernardino-18 44.3/68.5 0181J 0812000110	Near Big Bear and Lucerne Valley, at various locations, from Route 38 at Big Bear Lake Dam to Artic Canyon Wash. Reline or replace culverts.	0G690 2021-22	R/W: \$700 Con: \$4,107	PA&ED: \$1,192 PS&E: \$1,493 R/W Sup: \$2,708 Con Sup: \$1,417	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 12/1/2021 RTL: 1/18/2022 Begin Con: 10/3/2022
<i>Carryover</i>			Subtotal: \$4,807	\$6,810		
			Total Project Cost:	\$11,617		

Program 201.151 Drainage System Restoration
Project Output(s) 41 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	556.8	2,501.6	3,058.4	Linear feet
Post Condition	3,058.4	0.0	0.0	3,058.4	Linear feet

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



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

08-San Bernardino-Var 3012M 0818000121	Near Barstow, Needles, Yucca Valley, and Vidal Junction on Routes 40, 58, 62, and 95 at various locations; also in Riverside County, on Route 62 near Desert Center at Route 177 (PM 82.5/87.5). Install Changeable Message Signs (CMS), guardrail shielding, and Maintenance Vehicle Pullouts (MVPs).	1J840 2022-23	R/W: \$10 Con: \$12,793	PA&ED: \$1,028 PS&E: \$1,493 R/W Sup: \$109 Con Sup: \$1,634	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/5/2023 RTL: 2/6/2023 Begin Con: 10/3/2023
New			Subtotal: \$12,803	\$4,264		
			Total Project Cost:	\$17,067		

Program 201.315 Transportation Management Systems
Project Output(s) 17 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	17	Field element(s)
Post Condition	100.0%		0.0%	17	Field element(s)

08-San Bernardino-Var 3012N 0818000122	In San Bernardino County, on various routes at various locations. Install Changeable Message Signs (CMS).	1J850 2022-23	R/W: \$30 Con: \$14,374	PA&ED: \$1,345 PS&E: \$1,461 R/W Sup: \$101 Con Sup: \$2,620	20-21 21-22 21-22 22-23	PA&ED: 10/1/2021 R/W Cert: 1/2/2023 RTL: 2/1/2023 Begin Con: 10/5/2023
New			Subtotal: \$14,404	\$5,527		
			Total Project Cost:	\$19,931		

Program 201.315 Transportation Management Systems
Project Output(s) 20 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	20	Field element(s)

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-Var 3012P 0818000123 New	In San Bernardino County on routes 10, 15, 40, 58, 60, 210, and 215 at various locations. Upgrade Changeable Message Signs (CMS).	1J860 2022-23	R/W: \$20 Con: \$15,640	PA&ED: \$1,061 PS&E: \$1,727 R/W Sup: \$223 Con Sup: \$3,212	20-21 20-21 20-21 22-23	PA&ED: 5/1/2021 R/W Cert: 8/1/2022 RTL: 9/1/2022 Begin Con: 7/3/2023
			Subtotal: \$15,660	\$6,223		
			Total Project Cost:	\$21,883		

Program 201.315 Transportation Management Systems
Project Output(s) 42 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	42	Field element(s)
Post Condition	100.0%		0.0%	42	Field element(s)

08-San Bernardino-15 R20.6/R20.9 3006U 0817000032 Carryover	Near Hesperia, from 0.6 mile north of Cleghorn Road Undercrossing to 0.5 mile south of Route 138 at the southbound Cajon Truck Facility; also from 0.5 mile south of Cajon Summit to 1.8 miles south of Oak Hill Road (PM R25.5L/R26.8L). Construct new southbound weigh station and truck safety inspection facility at Cajon Pass and perform demo work at previous location, which was destroyed by the Blue Cut Fire.	1H390 2021-22	R/W: \$20 Con: \$11,010	PA&ED: \$286 PS&E: \$2,400 R/W Sup: \$110 Con Sup: \$3,300	Prior 20-21 20-21 21-22	PA&ED: 2/3/2020 R/W Cert: 5/7/2021 RTL: 8/2/2021 Begin Con: 4/1/2022
			Subtotal: \$11,030	\$6,096		
			Total Project Cost:	\$17,126		
			Program 201.321 Weigh Stations			
			Project Output(s) 1 Location(s)			

V4.0 2020 SHOPP Project List
San Bernardino



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R28.9 3007N 0816000035	Near Newberry Springs, at 5.6 miles east of Fort Cady Road Overcrossing. Replace the existing Weigh-in-Motion (WIM) system to meet current standards.	1G550 2020-21	R/W: \$11 Con: \$2,136	PA&ED: \$310 PS&E: \$593 R/W Sup: \$32 Con Sup: \$664	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 6/4/2021
Carryover			Subtotal: \$2,147	\$1,599		
			Total Project Cost:	\$3,746		

Program 201.321 Weigh Stations
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1.0	1.0	Each
Post Condition	1.0	0.0	0.0	1.0	Each

ROADSIDE PRESERVATION

08-San Bernardino-15 160.9/161.5 3011M 0818000019	Near Mountain Pass, at the Valley Wells Safety Roadside Rest Area (SRRRA). Rehabilitate and upgrade the water and wastewater systems at the northbound and southbound SRRRA locations.	1J330 2023-24	R/W: \$20 Con: \$13,959	PA&ED: \$603 PS&E: \$1,699 R/W Sup: \$13 Con Sup: \$1,981	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 8/1/2023 RTL: 12/1/2023 Begin Con: 8/1/2024
New			Subtotal: \$13,979	\$4,296		
			Total Project Cost:	\$18,275		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

V4.0 2020 SHOPP Project List
San Bernardino
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
08-San Bernardino-40 R105.1/R105.9 3013K 0819000050	Near Needles, at the John Wilkie Safety Roadside Rest Area (SRRA). Reconstruct SRRA and upgrade water and wastewater systems.	1K490 2022-23	R/W: \$22 Con: \$31,601	PA&ED: \$1,177 PS&E: \$2,804 R/W Sup: \$55 Con Sup: \$6,037	20-21 21-22 21-22 22-23	PA&ED: 8/2/2021 R/W Cert: 12/1/2022 RTL: 5/1/2023 Begin Con: 12/6/2023
			Subtotal: \$31,623	\$10,073		
New			Total Project Cost:	\$41,696		

SB1 Baseline Agreement Required

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 4 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4.0	4.0	Each
Post Condition	4.0	0.0	0.0	4.0	Each

San Bernardino County

R/W:	\$13,330	PA&ED:	\$35,953
Const:	\$434,711	PS&E:	\$54,857
		R/W Sup:	\$13,812
		Con Sup:	\$79,792
Subtotal:		\$448,041	\$184,414
Total (Capital + Support):		\$632,455	

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



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

11-San Diego-5	Near Oceanside, from Fallbrook	43001	R/W: \$11	PA&ED: \$660	Prior	PA&ED: 10/15/2019
R55.6/R70.0	Overhead to 1.0 mile south of San	2020-21	Con: \$5,917	PS&E: \$917	Prior	R/W Cert: 5/27/2020
1265	Onofre Bridge. Install cable safety			R/W Sup:		RTL: 6/24/2020
1117000116	barrier.			Con Sup: \$988	20-21	Begin Con: 3/8/2021
			Subtotal: \$5,928	\$2,565		
<i>Carryover</i>			Total Project Cost:	\$8,493		

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

11-San Diego-8	In San Diego County, on Routes 8, 67,	42460	R/W:	PA&ED: \$526	Prior	PA&ED: 11/1/2019
	79, and 94 at various locations.	2020-21	Con: \$4,552	PS&E: \$1,046	Prior	R/W Cert: 3/27/2020
1189	Widen and grade existing hinges at			R/W Sup:		RTL: 6/12/2020
1116000075	end treatment platforms and to			Con Sup: \$824	20-21	Begin Con: 12/30/2020
			Subtotal: \$4,552	\$2,396		
<i>Carryover</i>			Total Project Cost:	\$6,948		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-8 13.4/R20.4 1146 1119000177 Carryover	In El Cajon, at various locations, from Grossmont Boulevard to 0.4 mile east of Los Coches Road. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, install sign post support systems, relocate irrigation controllers and reduce high maintenance landscaping.	4116U 2020-21	R/W:	PA&ED: \$444	Prior Prior 20-21	PA&ED: 5/3/2019 R/W Cert: 7/2/2020 RTL: 8/7/2020 Begin Con: 12/22/2020
			Con: \$5,356	PS&E: \$1,202		
				R/W Sup:		
				Con Sup: \$1,122		
			Subtotal: \$5,356	\$2,768		
			Total Project Cost:	\$8,124		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 99 Location(s)

11-San Diego-52 0.4/5.7 1219 1112000155 Carryover	In the city of San Diego, from 0.1 mile east of Route 5 to 0.2 mile east of Convoy Street; also on Route 805 from 0.2 mile south of Route 52 to Governor Drive (PM 23.5/24.4). Construct Maintenance Vehicle Pullouts (MVPs), pave slopes under bridge structures, pave narrow areas, upgrade irrigation controllers, replace signs, and pave beyond gores.	41180 2020-21	R/W:	PA&ED: \$394	Prior Prior 20-21	PA&ED: 9/6/2019 R/W Cert: 8/7/2020 RTL: 9/25/2020 Begin Con: 2/17/2021
			Con: \$3,296	PS&E: \$1,118		
				R/W Sup:		
				Con Sup: \$539		
			Subtotal: \$3,296	\$2,051		
			Total Project Cost:	\$5,347		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 52 Location(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
11-San Diego-56 0.3/9.7 1251 1112000157	In the city of San Diego, from El Camino Real Undercrossing to Route 56/15 Separation. Pave beyond gore areas, relocate irrigation control valve boxes, construct rumble strip.	41190 2021-22	R/W: Con: \$2,007	PA&ED: \$284 PS&E: \$629 R/W Sup: Con Sup: \$429	Prior 20-21 21-22		PA&ED: 5/15/2020 R/W Cert: 3/25/2021 RTL: 7/12/2021 Begin Con: 1/4/2022
Carryover			Subtotal: \$2,007	\$1,342			
			Total Project Cost:	\$3,349			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 106 Location(s)

11-San Diego-94 4.4/7.3 1253 1112000160	In the cities of San Diego and Lemon Grove, at various locations from 0.2 mile west of 47th Street Overcrossing to 0.6 mile west of College Avenue Undercrossing. Construct Maintenance Vehicle Pullouts (MVPs), pave areas beyond gore, upgrade guardrail, install concrete barrier/crash cushions, relocate irrigation/electrical equipment and upgrade curb ramps to current Americans with Disabilities Act (ADA) standards.	41220 2020-21	R/W: Con: \$2,973	PA&ED: \$340 PS&E: \$901 R/W Sup: Con Sup: \$858	Prior Prior 20-21		PA&ED: 9/6/2019 R/W Cert: 9/23/2020 RTL: 9/30/2020 Begin Con: 2/12/2021
Carryover			Subtotal: \$2,973	\$2,099			
			Total Project Cost:	\$5,072			

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 38 Location(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-125 9.6/13.2 1141 1112000143 Carryover	In the cities of Lemon Grove and San Diego, from 0.1 mile south of Elkelton Place Undercrossing to Route 94/125 Separation. Construct Maintenance Vehicle Pullouts (MVPs), pave beyond gore areas, replace crash cushions, replace guardrail, install access gates, add smart irrigation controllers, relocate irrigation equipment and remove high maintenance landscaping.	41140 2020-21	R/W: \$5,074 Con:	PA&ED: \$431 PS&E: \$864 R/W Sup: Con Sup: \$1,660	Prior Prior 20-21	PA&ED: 6/26/2019 R/W Cert: 7/16/2020 RTL: 9/3/2020 Begin Con: 3/1/2021
			Subtotal: \$5,074	\$2,955		
			Total Project Cost:	\$8,029		
						Roadside Safety Improvements/Freeway
						Program 201.235 Maintenance Access
						Project Output(s) 109 Location(s)
11-San Diego-805 20.7/23.5 1142 1112000144 Carryover	In the city of San Diego, at various locations, from Linda Vista Road Overcrossing to Route 805/52 Separation. Construct Maintenance Vehicle Pullouts (MVPs), install access gates, pave beyond gore areas, reduce high maintenance landscaping, relocate irrigation controls, and upgrade crash cushions.	41150 2020-21	R/W: \$50 Con: \$6,542	PA&ED: \$453 PS&E: \$1,033 R/W Sup: \$26 Con Sup: \$1,038	Prior Prior Prior 20-21	PA&ED: 5/16/2019 R/W Cert: 10/27/2020 RTL: 12/15/2020 Begin Con: 5/28/2021
			Subtotal: \$6,592	\$2,550		
			Total Project Cost:	\$9,142		
						Roadside Safety Improvements/Freeway
						Program 201.235 Maintenance Access
						Project Output(s) 97 Location(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



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

11-San Diego-5 R31.8/R32.2 1203 1115000173	In the city of San Diego, from Carmel Mountain Road 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.	42200 2020-21	R/W: Con: \$1,533	PA&ED: \$283 PS&E: \$632 R/W Sup: Con Sup: \$892	Prior Prior 20-21	PA&ED: 4/17/2020 R/W Cert: 2/24/2021 RTL: 4/16/2021 Begin Con: 11/2/2021
<i>Carryover</i>			Subtotal: \$1,533	\$1,807		
			Total Project Cost:	\$3,340		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.0 Acre(s) treated/pollutant

11-San Diego-8 3.0/8.5 1227 1116000154	In the city of San Diego, from Mission Center Road to College Avenue. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards. Replaced damaged sidewalk and install accessible pedestrian signals.	42710 2021-22	R/W: \$25 Con: \$1,107	PA&ED: \$326 PS&E: \$1,148 R/W Sup: Con Sup: \$545	Prior 20-21 21-22	PA&ED: 7/20/2020 R/W Cert: 10/1/2021 RTL: 11/19/2021 Begin Con: 4/15/2022
<i>Carryover</i>			Subtotal: \$1,132	\$2,019		
			Total Project Cost:	\$3,151		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	17.0	17.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

V4.0 2020 SHOPP Project List
San Diego
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-94 2.6/R11.1 1191 1116000077	In and near the cities of San Diego and Lemon Grove, from 32nd Street Undercrossing to Bancroft Drive Undercrossing. Construct and upgrade pedestrian curb ramps and sidewalks to meet current standards.	42510 2020-21	R/W: \$110 Con: \$1,834	PA&ED: \$776 PS&E: \$1,378 R/W Sup: \$134 Con Sup: \$703	Prior Prior Prior 20-21	PA&ED: 9/13/2019 R/W Cert: 7/10/2020 RTL: 8/28/2020 Begin Con: 1/8/2021
<i>Carryover</i>			Subtotal: \$1,944 Total Project Cost:	\$2,991 \$4,935		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13.0	13.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

11-San Diego-805 3.5/13.1 1248 1117000045	In various cities, from Main Street/Auto Park Drive Undercrossing to Market Street Overcrossing. Construct and upgrade pedestrian curb ramps to meet Americans with Disabilities Act (ADA) standards. Replace pedestrian signal heads, push buttons and relocate pull boxes, light poles and controller cabinet.	42900 2021-22	R/W: \$12 Con: \$3,098	PA&ED: \$843 PS&E: \$1,960 R/W Sup: Con Sup: \$1,189	Prior 20-21 21-22	PA&ED: 5/18/2020 R/W Cert: 2/3/2021 RTL: 10/27/2021 Begin Con: 6/27/2022
<i>Carryover</i>			Subtotal: \$3,110 Total Project Cost:	\$3,992 \$7,102		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 49 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	45.0	45.0	Each
Post Condition	49.0	0.0	0.0	49.0	Each

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



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

11-San Diego-8	In the city of San Diego, at the east	26410	R/W:	PA&ED: \$374	Prior	PA&ED: 11/8/2019
2.2	Route 8 to south Route 163	2020-21	Con: \$1,867	PS&E: \$969	Prior	R/W Cert: 1/29/2021
1256	Connector Overcrossing No. 57			R/W Sup:		RTL: 3/26/2021
1116000045	-0355G. Bridge rail replacement.			Con Sup: \$848	20-21	Begin Con: 8/27/2021
			Subtotal: \$1,867	\$2,191		
<i>Carryover</i>			Total Project Cost:	\$4,058		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 318.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	318.0	318.0	Linear feet rail
Post Condition	318.0	0.0	0.0	318.0	Linear feet rail

Bridge Health

Bridge No. 57-0355G	<u>Existing Condition</u>	<u>Post Condition</u>
	Good	Good

11-San Diego-8	In and near El Cajon, from Grossmont	43043	R/W:	PA&ED: \$390	Prior	PA&ED: 5/20/2020
13.0/16.4	Boulevard to Mollison Avenue at	2021-22	Con: \$20,735	PS&E: \$1,974	Prior	R/W Cert: 10/19/2021
1339	various locations. Rehabilitate three			R/W Sup:		RTL: 11/19/2021
1118000197	bridge decks.			Con Sup: \$4,031	21-22	Begin Con: 3/17/2022
			Subtotal: \$20,735	\$6,395		
<i>Carryover</i>			Total Project Cost:	\$27,130		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	109,864.0	0.0	109,864.0	Square feet
Post Condition	109,864.0	0.0	0.0	109,864.0	Square feet

Bridge Health

Bridge No.	<u>Existing Condition</u>	<u>Post Condition</u>
57-0362	Fair	Good
57-0365	Fair	Good
57-0369	Fair	Good

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



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

11-San Diego-15 R31.3/R37.1 1350 1119000008	In and near Escondido, from 0.2 mile south of Route 78 to 0.5 mile north of Deer Springs Road. Rehabilitate pavement by replacing sections of the existing pavement and the outside shoulder with Continuously reinforced Concrete Pavement (CRCP), pavement slab replacement, bridge approach slab replacement, bridge joint seal work, and sign panel replacement.	43051 2020-21	R/W: Con: \$55,420	PA&ED: \$2,749 PS&E: \$5,497 R/W Sup: \$200 Con Sup: \$10,994	Prior Prior Prior 20-21	PA&ED: 10/1/2019 R/W Cert: 1/8/2021 RTL: 4/26/2021 Begin Con: 3/18/2022
<i>Carryover</i>			Subtotal: \$55,420	\$19,440		
			Total Project Cost:	\$74,860		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)

Project Output(s) 12.1 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.1	0.0	12.1	Lane mile(s)
Post Condition	12.1	0.0	0.0	12.1	Lane mile(s)

11-San Diego-52 5.1/8.7 1302 1118000079	In San Diego, from 0.4 mile west of Convoy Street Overcrossing (OC) to Santo Road OC. Roadway rehabilitation to mitigate highway settlement, construct auxiliary lane, transportation management systems, lighting, and roadside safety improvements.	43025 2021-22	R/W: \$15 * Con: \$33,738	PA&ED: \$2,066 PS&E: \$3,452 R/W Sup: \$45 * Con Sup: \$5,654	Prior 20-21 20-21 21-22	PA&ED: 9/30/2020 R/W Cert: 11/29/2021 RTL: 4/18/2022 Begin Con: 7/29/2022
<i>Carryover</i>			Subtotal: \$33,753	\$11,217		
			Total Project Cost:	\$44,970		

** Construction Capital and * Construction Support phases are NOT authorized*

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)

Project Output(s) 7.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	7.8	0.0	7.8	Lane mile(s)
Post Condition	0.0	7.8	0.0	7.8	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R6.0/24.4 1344 1119000015	Near Lakeside and Ramona, from 0.2 mile north of San Diego River Bridge to Route 78. Rehabilitate asphalt pavement, drainage system restoration, curb ramp upgrades, guardrail upgrades, and enhance crosswalk visibility.	43056 2020-21	R/W: Con: \$26,891	PA&ED: \$807 PS&E: \$2,690 R/W Sup: \$85 Con Sup: \$5,110	Prior Prior Prior 20-21	PA&ED: 12/13/2019 R/W Cert: 5/5/2020 RTL: 7/10/2020 Begin Con: 10/2/2020
Carryover			Subtotal: \$26,891	\$8,692		
			Total Project Cost:	\$35,583		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 49.8 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.8	48.9	0.0	49.8	Lane mile(s)
Post Condition	49.8	0.0	0.0	49.8	Lane mile(s)

11-San Diego-5 R0.3/R36.0 1301 1118000103	In and near the cities of San Diego, Chula Vista, and National City, from Camino De La Plaza Overcrossing to south of Via De La Valle; also at the Otay Mesa Commercial Vehicle Enforcement Facility (CVEF) at 2335 Enrico Fermi Drive. Rehabilitate pavement, drainage, and signs, upgrade Transportation Management System (TMS) elements, and make improvements at the CVEF.	43033 2022-23	R/W: \$105 Con: \$80,040	PA&ED: \$3,331 PS&E: \$6,915 R/W Sup: \$830 Con Sup: \$9,357	20-21 21-22 21-22 22-23	PA&ED: 6/30/2022 R/W Cert: 1/27/2023 RTL: 2/1/2023 Begin Con: 7/28/2023
New			Subtotal: \$80,145	\$20,433		
			Total Project Cost:	\$100,578		

SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 67.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	62.2	1.5	67.9	Lane mile(s)
Post Condition	67.9	0.0	0.0	67.9	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-54 0.0/6.4 1188 1116000068	In and near National City and Chula Vista, from Route 54/5 Separation to the Route 54/125 Junction. Rehabilitate flexible and rigid pavement on the traveled way, shoulders, ramps and connectors, upgrade guardrail and dike.	42480 2021-22	R/W: \$297 Con: \$21,329	PA&ED: \$709 PS&E: \$2,260 R/W Sup: \$24 Con Sup: \$2,513	Prior Prior Prior 21-22	PA&ED: 2/7/2020 R/W Cert: 8/31/2021 RTL: 10/22/2021 Begin Con: 5/20/2022
Carryover			Subtotal: \$21,626	\$5,506		
			Total Project Cost:	\$27,132		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	43.2	0.0	43.2	Lane mile(s)
Post Condition	43.2	0.0	0.0	43.2	Lane mile(s)

11-San Diego-78 0.0/N17.7 1319 1118000128	In and near Oceanside, Vista, San Marcos, and Escondido from Route 5 to North Broadway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, upgrade bridge rail, upgrade Transportation Management System (TMS) elements, replace damaged sign panels, upgrade safety features, and make operational improvements to reduce delay.	43040 2022-23	R/W: \$2,050 Con: \$104,263	PA&ED: \$6,804 PS&E: \$8,824 R/W Sup: \$876 Con Sup: \$14,884	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 5/3/2023 RTL: 5/17/2023 Begin Con: 10/2/2023
New			Subtotal: \$106,313	\$31,388		
			Total Project Cost:	\$137,701		

SB1 Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 80.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	76.9	3.5	80.4	Lane mile(s)
Post Condition	80.4	0.0	0.0	80.4	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-125 12.9/22.3 1257 1116000061 Carryover	In and near La Mesa, El Cajon, Lemon Grove, and Santee, from the southern Route 94 Separation to Mission Gorge Road; also on Route 94 from the western Route 125 Separation to the eastern Route 125 Separation (PM R9.8/R10.6). Rehabilitate pavement by grinding and replacing concrete slabs and cold plane and overlay shoulders with Rubberized Hot Mix Asphalt (RHMA-G). (G13 Contingency)	42380 2021-22	R/W: \$252	PA&ED: \$1,383	Prior	PA&ED: 11/15/2019
			* Con: \$34,185	PS&E: \$2,541	Prior	R/W Cert: 8/2/2021
				R/W Sup: \$53	Prior	RTL: 9/22/2021
				* Con Sup: \$3,863	21-22	Begin Con: 4/19/2022
			Subtotal: \$34,437	\$7,840		
			Total Project Cost:	\$42,277		
* Construction Capital and * Construction Support phases are NOT authorized						
SBI Baseline Agreement Required						
Program 201.121 Pavement Rehabilitation (CAPM)						
Project Output(s) 49.5 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	49.1	0.4	49.5	Lane mile(s)
Post Condition	49.5	0.0	0.0	49.5	Lane mile(s)

11-San Diego-8 R31.8/R41.7 1255 1116000059 Carryover	Near Alpine, from Viejas Creek Bridge to Pine Valley Creek Bridge. Grind, remove and replace Jointed Plain Concrete Pavement (JPCP) lanes, remove and replace asphalt concrete outside shoulders and cold plane and overlay inside shoulders. Upgrade guardrail, replace approach/departure slabs and construct rumble strips.	42370 2021-22	R/W:	PA&ED: \$936	Prior	PA&ED: 5/1/2019
			Con: \$43,768	PS&E: \$3,276	Prior	R/W Cert: 1/8/2021
				R/W Sup:		RTL: 7/13/2021
				Con Sup: \$5,479	21-22	Begin Con: 12/22/2021
			Subtotal: \$43,768	\$9,691		
			Total Project Cost:	\$53,459		
Program 201.122 Roadway Rehabilitation (2R)						
Project Output(s) 22.8 Lane mile(s)						

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.8	0.0	22.8	Lane mile(s)
Post Condition	22.8	0.0	0.0	22.8	Lane mile(s)

V4.0 2020 SHOPP Project List
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Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-125 10.0/13.0 1310 1118000033	In and near Lemon Grove, from 0.1 mile north of Jamacha Boulevard Overcrossing to Route 94. Pavement rehabilitation.	43024 2021-22	R/W: \$120 * Con: \$54,357	PA&ED: \$3,071 PS&E: \$5,557 R/W Sup: \$317 * Con Sup: \$9,027	Prior Prior Prior 21-22	PA&ED: 7/10/2020 R/W Cert: 11/29/2021 RTL: 2/18/2022 Begin Con: 7/18/2022
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Subtotal: \$54,477 \$17,972
Total Project Cost: \$72,449

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.5	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

11-San Diego-805 0.1/14.6 1311 1118000029	In and near the cities of San Diego, Chula Vista, and National City, from south of Route 5 (PM 0.149) to Route 15. Rehabilitate roadway, rehabilitate culverts, construct auxiliary lanes, upgrade safety devices, enhance highway worker safety, upgrade lighting, and make bicycle and pedestrian improvements.	43023 2023-24	R/W: \$1,305 * Con: \$141,386	PA&ED: \$6,652 PS&E: \$16,138 R/W Sup: \$1,660 * Con Sup: \$26,098	20-21 22-23 22-23 23-24	PA&ED: 5/16/2022 R/W Cert: 4/30/2024 RTL: 5/31/2024 Begin Con: 12/6/2024
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Subtotal: \$142,691 \$50,548
Total Project Cost: \$193,239

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 71.6 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	71.6	0.0	71.6	Lane mile(s)
Post Condition	71.6	0.0	0.0	71.6	Lane mile(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-8 R23.0/R61.3 1194 1115000178	In San Diego County, from 0.7 mile west of Flinn Springs Road Undercrossing to 0.2 mile east of Crestwood Road Undercrossing. Rehabilitate culverts and energy dissipaters.	42210 2020-21	R/W: \$50 Con: \$6,573	PA&ED: \$1,077 PS&E: \$1,246 R/W Sup: \$319 Con Sup: \$1,636	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 7/2/2020 RTL: 8/20/2020 Begin Con: 4/14/2021
Carryover			Subtotal: \$6,623	\$4,278		
			Total Project Cost:	\$10,901		

Program 201.151 Drainage System Restoration
Project Output(s) 14 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	694.0	4,800.0	5,494.0	Linear feet
Post Condition	5,494.0	0.0	0.0	5,494.0	Linear feet

11-San Diego-15 0.4/R10.6 1315 1118000001	In the city of San Diego, from Main Street to Route 52. Rehabilitate culverts, upgrade lighting, replace signs, install new Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities (ADA) standards.	43019 2022-23	R/W: \$366 Con: \$23,819	PA&ED: \$1,610 PS&E: \$4,466 R/W Sup: \$197 Con Sup: \$3,998	20-21 21-22 21-22 22-23	PA&ED: 2/25/2022 R/W Cert: 6/12/2023 RTL: 6/26/2023 Begin Con: 12/18/2023
New			Subtotal: \$24,185	\$10,271		
			Total Project Cost:	\$34,456		

Program 201.151 Drainage System Restoration
Project Output(s) 71 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	8,719.0	8,719.0	Linear feet
Post Condition	8,719.0	0.0	0.0	8,719.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-67 R4.1/15.9 1314 1118000095 New	Near Lakeside and Eucalyptus Hills, from north of Riverford Road to Ellie Lane. Rehabilitate culverts, upgrade lighting, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43031 2023-24	R/W: \$350 Con: \$8,573	PA&ED: \$1,128 PS&E: \$1,461 R/W Sup: \$305 Con Sup: \$1,527	20-21 22-23 22-23 23-24	PA&ED: 6/3/2022 R/W Cert: 9/29/2023 RTL: 11/30/2023 Begin Con: 3/29/2024
			Subtotal: \$8,923	\$4,421		
			Total Project Cost:	\$13,344		

Program 201.151 Drainage System Restoration
Project Output(s) 35 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	140.4	754.0	2,735.2	3,629.6	Linear feet
Post Condition	3,629.6	0.0	0.0	3,629.6	Linear feet

11-San Diego-76 R17.5/52.2 1307 1118000084 New	Near Pala, Pauma Valley, Rincon, and La Jolla Amago, from east of Route 15 to west of Route 79. Rehabilitate culverts, replace signs, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43027 2023-24	R/W: \$500 Con: \$13,909	PA&ED: \$1,533 PS&E: \$1,506 R/W Sup: \$1,587 Con Sup: \$2,224	20-21 22-23 22-23 23-24	PA&ED: 8/22/2022 R/W Cert: 1/5/2024 RTL: 2/23/2024 Begin Con: 7/19/2024
			Subtotal: \$14,409	\$6,850		
			Total Project Cost:	\$21,259		

Program 201.151 Drainage System Restoration
Project Output(s) 82 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,302.0	5,302.0	Linear feet
Post Condition	5,302.0	0.0	0.0	5,302.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-78 0.0/R16.5 1247 1115000180	In San Diego County, at various locations from 0.1 mile east of Route 78/5 Separation to Route 15/78 Separation. Rehabilitate and replace culverts including invert paving, joint repair grouting, Cured-in-Place Pipeliner (CIPP) and drainage inlet lid repair.	42230 2021-22	R/W: \$204 Con: \$8,519	PA&ED: \$811 PS&E: \$2,388 R/W Sup: \$212 Con Sup: \$2,047	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 12/10/2021 RTL: 12/10/2021 Begin Con: 6/13/2022
Carryover			Subtotal: \$8,723	\$5,458		
			Total Project Cost:	\$14,181		

Program 201.151 Drainage System Restoration
Project Output(s) 65 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	257.0	2,122.0	3,399.0	5,778.0	Linear feet
Post Condition	5,778.0	0.0	0.0	5,778.0	Linear feet

11-San Diego-79 20.3/53.0 1313 1118000109	Near Santa Ysabel, Warner Springs, and Holcomb Village from north of Route 79 to the Riverside County line. Rehabilitate culverts, replace sign panels, and make bicycle and pedestrian improvements.	43036 2023-24	R/W: \$175 Con: \$7,350	PA&ED: \$963 PS&E: \$1,221 R/W Sup: \$669 Con Sup: \$1,399	20-21 21-22 21-22 23-24	PA&ED: 4/19/2022 R/W Cert: 11/1/2023 RTL: 12/15/2023 Begin Con: 8/9/2024
New			Subtotal: \$7,525	\$4,252		
			Total Project Cost:	\$11,777		

Program 201.151 Drainage System Restoration
Project Output(s) 90 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,970.0	5,970.0	Linear feet
Post Condition	5,970.0	0.0	0.0	5,970.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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11-San Diego-94 1.4/16.0 1303 1118000104	In and near San Diego and Lemon Grove, from Route 5 (PM 1.416) to east of Millar Ranch Road. Rehabilitate culverts, rehabilitate pavement, replace signs, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43034 2023-24	R/W: \$1,800	PA&ED: \$2,825	20-21	PA&ED: 7/15/2022
			Con: \$59,314	PS&E: \$4,147	22-23	R/W Cert: 1/12/2024
				R/W Sup: \$1,404	22-23	RTL: 3/15/2024
				Con Sup: \$8,611	23-24	Begin Con: 7/26/2024
			Subtotal: \$61,114	\$16,987		
			Total Project Cost:	\$78,101		

SBI Baseline Agreement Required

Program 201.151 Drainage System Restoration
Project Output(s) 37 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,878.0	3,878.0	Linear feet
Post Condition	3,878.0	0.0	0.0	3,878.0	Linear feet

11-San Diego-94 15.3/65.3 1306 1118000083	Near Jamul, Campo, and Boulevard, from south of Route 54/Jamacha Road to Route 8; also on Route 188, from the Mexico border to Route 94 (PM 0.0/1.850). Rehabilitate culverts, upgrade curb ramps to Americans with Disabilities Act (ADA) standards, replace roadside signs, install rumble strips, and upgrade lighting.	43026 2023-24	R/W: \$1,420	PA&ED: \$2,335	20-21	PA&ED: 7/15/2022
			Con: \$23,243	PS&E: \$2,118	22-23	R/W Cert: 1/19/2024
				R/W Sup: \$1,327	22-23	RTL: 3/8/2024
				Con Sup: \$2,922	23-24	Begin Con: 8/16/2024
			Subtotal: \$24,663	\$8,702		
			Total Project Cost:	\$33,365		

Program 201.151 Drainage System Restoration
Project Output(s) 91 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	492.4	2,702.9	2,835.7	6,031.0	Linear feet
Post Condition	6,031.0	0.0	0.0	6,031.0	Linear feet

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 23.7/28.5 1308 1118000114	In the city of San Diego from north of Route 52 to Route 5. Rehabilitate culverts, upgrade Transportation Management System (TMS) elements, replace signs, enhance highway worker safety, upgrade lighting, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43038 2023-24	R/W: \$1,000 Con: \$32,889	PA&ED: \$1,479 PS&E: \$4,285 R/W Sup: \$126 Con Sup: \$7,289	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 5/10/2024 RTL: 6/7/2024 Begin Con: 12/6/2024
New			Subtotal: \$33,889 Total Project Cost:	\$13,179 \$47,068		

SBI Baseline Agreement Required

Program 201.151 Drainage System Restoration
Project Output(s) 15 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,058.0	786.0	1,844.0	Linear feet
Post Condition	1,844.0	0.0	0.0	1,844.0	Linear feet

MOBILITY

11-San Diego-5 R42.2/R47.1 1320 1118000134	In Encinitas and Carlsbad, from south of Leucadia Boulevard to north of Palomar Airport Road. Construct auxiliary lanes to facilitate merging movements and upgrade facilities to Americans with Disabilities Act (ADA) standards.	43041 2022-23	R/W: \$69 Con: \$21,508	PA&ED: \$400 PS&E: \$50 R/W Sup: \$1,231 Con Sup: \$1,231	20-21 20-21 22-23	PA&ED: 10-23-2013 R/W Cert: 5/16/2022 RTL: 7/1/2022 Begin Con: 1/12/2023
New			Subtotal: \$21,577 Total Project Cost:	\$1,681 \$23,258		

Program 201.310 Operational Improvements
Project Output(s) 550.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-5 R47.0/R48.0 1279 1117000206	In Carlsbad, from Palomar Airport Road to Cannon Road. Construct auxiliary lane in southbound direction for operational efficiency.	43017 2021-22	R/W: \$23 Con: \$5,501	PA&ED: \$207 PS&E: \$1,052 R/W Sup: Con Sup: \$1,243	Prior Prior 21-22	PA&ED: 1/27/2015 R/W Cert: 6/15/2021 RTL: 7/15/2021 Begin Con: 11/15/2021
<i>Carryover</i>			Subtotal: \$5,524	\$2,502		
			Total Project Cost:	\$8,026		

Program 201.310 Operational Improvements
Project Output(s) 77.0 Daily vehicle hour(s) of delay (DVHD)

11-San Diego-5 R0.3/R15.2 1241 1116000177	In San Diego County, at various locations; also on Route 905 (PM 2.5/5.4) and Route 805 (PM 0.2/14.0). Install fiber optic communication lines to improve regional traffic operations and mobility near the United States/Mexico border.	42750 2020-21	R/W: \$375 Con: \$19,827	PA&ED: \$818 PS&E: \$1,721 R/W Sup: \$62 Con Sup: \$4,404	Prior Prior Prior 20-21	PA&ED: 10/15/2018 R/W Cert: 5/17/2020 RTL: 5/30/2020 Begin Con: 12/2/2020
<i>Carryover</i>			Subtotal: \$20,202	\$7,005		
			Total Project Cost:	\$27,207		

Program 201.315 Transportation Management Systems
Project Output(s) 13.8 Mile(s) of cable

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0.0	Mile(s) of cable
Post Condition	100.0%		0.0%	13.8	Mile(s) of cable

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-163 4.4/R10.8 1355 1118000260	In the city of San Diego from Friars Road to Kearny Villa Road. Upgrade Transportation Management System (TMS) elements, upgrade Weigh-in-Motion (WIM) scale, enhance highway worker safety, and make pedestrian safety improvements.	43048 2022-23	R/W: \$1 Con: \$7,297	PA&ED: \$800 PS&E: \$1,180 R/W Sup: Con Sup: \$1,530	20-21 21-22 22-23	PA&ED: 10/8/2021 R/W Cert: 1/6/2023 RTL: 2/24/2023 Begin Con: 7/21/2023
New			Subtotal: \$7,298 Total Project Cost:	\$3,510 \$10,808		

Program 201.315 Transportation Management Systems
Project Output(s) 3 Field element(s)

Primary Asset

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

11-San Diego-805 14.6/23.7 1309 1118000102	In the city of San Diego, from Route 15 to Route 52. Add and upgrade Transportation Management System (TMS) elements, rehabilitate pavement, rehabilitate drainage, replace signs, and enhance highway worker safety.	43032 2022-23	R/W: \$360 Con: \$57,936	PA&ED: \$2,863 PS&E: \$5,804 R/W Sup: \$117 Con Sup: \$10,898	20-21 21-22 21-22 22-23	PA&ED: 5/21/2021 R/W Cert: 3/9/2023 RTL: 4/6/2023 Begin Con: 10/24/2023
New			Subtotal: \$58,296 Total Project Cost:	\$19,682 \$77,978		

SB1 Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 141 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	64	Field element(s)
Post Condition	100.0%		0.0%	141	Field element(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



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

11-San Diego-5 R0.3/R5.0 1245 1119000066	In the city of San Diego, from Camino de la Plaza Overcrossing to Otay River Bridge; also on Route 805, from Route 805/5 Separation to San Ysidro Boulevard Undercrossing. Convert potable irrigation system to recycled water, replace deteriorated water supply lines, and plant landscaping for erosion control.	43067 2020-21	R/W: \$40 Con: \$11,990	PA&ED: \$384 PS&E: \$1,687 R/W Sup: \$3 Con Sup: \$1,895	Prior Prior Prior 20-21	PA&ED: 11/15/2019 R/W Cert: 9/18/2020 RTL: 11/13/2020 Begin Con: 4/9/2021
<i>Carryover</i>			Subtotal: \$12,030	\$3,969		
			Total Project Cost:	\$15,999		

Program 201.210 Highway Planting Restoration
Project Output(s) 136.6 Acre(s)

11-San Diego-805 0.7/3.3 1244 1117000038	In the city of San Diego, from San Ysidro Boulevard Undercrossing to Otay River Bridge; also on Route 905, from 0.3 mile east of Picador Boulevard Undercrossing to Caliente Avenue Overcrossing. Convert potable irrigation systems to recycled water.	42880 2020-21	R/W: \$30 Con: \$8,220	PA&ED: \$327 PS&E: \$1,149 R/W Sup: \$3 Con Sup: \$1,174	Prior Prior Prior 20-21	PA&ED: 10/10/2019 R/W Cert: 9/3/2020 RTL: 10/9/2020 Begin Con: 4/23/2021
<i>Carryover</i>			Subtotal: \$8,250	\$2,653		
			Total Project Cost:	\$10,903		

Program 201.210 Highway Planting Restoration
Project Output(s) 139.0 Acre(s)

V4.0 2020 SHOPP Project List
San Diego
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
11-San Diego-805 3.4/5.1 1243 1117000037	In Chula Vista, from 0.3 mile south of Main Street Undercrossing to Palomar Street Overcrossing. Convert potable irrigation systems to recycled water.	42870 2020-21	R/W: \$20 Con: \$4,097	PA&ED: \$284 PS&E: \$721 R/W Sup: \$3 Con Sup: \$888	Prior Prior Prior 20-21	PA&ED: 1/17/2020 R/W Cert: 12/10/2020 RTL: 1/19/2021 Begin Con: 7/28/2021
			Subtotal: \$4,117	\$1,896		
<i>Carryover</i>			Total Project Cost: \$6,013			

Program 201.210 Highway Planting Restoration
Project Output(s) 40.0 Acre(s)

MULTIPLE OBJECTIVE

11-San Diego-5 R30.0/R34.3 1218 1116000125	In the city of San Diego, from 0.5 mile north of Genesee Avenue to 0.2 mile north of Del Mar Heights Road. Construct rumble strips on both shoulders, rehabilitate bike path, and install fiber optic cable/Closed Circuit Television (CCTV). Asset Management Pilot Project.	42650 2020-21	R/W: Con: \$3,824	PA&ED: \$471 PS&E: \$1,304 R/W Sup: \$40 Con Sup: \$678	Prior Prior Prior 20-21	PA&ED: 9/20/2019 R/W Cert: 9/4/2020 RTL: 10/16/2020 Begin Con: 4/9/2021
			Subtotal: \$3,824	\$2,493		
<i>Carryover</i>			Total Project Cost: \$6,317			

Program 201.999 Multiple Objective
Project Output(s) 1 Location(s)

San Diego County

R/W: \$11,135	PA&ED: \$54,947
Const: \$985,657	PS&E: \$110,777
	R/W Sup: \$10,674
	Con Sup: \$164,239
Subtotal: \$996,792	
Total (Capital + Support): \$1,337,429	

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



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

04-San Francisco-35 1.3 1459E 0417000157	In the City and County of San Francisco, at Great Highway intersection. Install new signal.	3K420 2021-22	R/W: \$62 Con: \$1,547	PA&ED: \$1,550 PS&E: \$1,291 R/W Sup: \$179 Con Sup: \$1,341	Prior 20-21 20-21 21-22	PA&ED: 6/30/2020 R/W Cert: 8/31/2021 RTL: 9/30/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$1,609	\$4,361		
			Total Project Cost:	\$5,970		

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

04-San Francisco-101 0.5/R5.2 1493G 0416000048	In the City and County of San Francisco, from Bayshore Boulevard Overcrossing (OC) to South Van Ness Avenue; also on Route 280, from Monterey Boulevard onramp OC to King Street onramp (PM R2.8/T7.2). Install vandalism-resistant security fence and gates to reduce maintenance repairs and enhance highway worker safety.	4J970 2020-21	R/W: \$3 Con: \$6,196	PA&ED: \$950 PS&E: \$1,000 R/W Sup: \$95 Con Sup: \$1,520	Prior Prior Prior 20-21	PA&ED: 11/29/2019 R/W Cert: 5/31/2021 RTL: 6/30/2021 Begin Con: 12/30/2021
<i>Carryover</i>			Subtotal: \$6,199	\$3,565		
			Total Project Cost:	\$9,764		

Program 201.235 Maintenance Access
Project Output(s) 80 Location(s)

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



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

04-San Francisco-101 4.1/R5.1 2021K 0418000036	in the City and County of San Francisco, at Central Viaduct No. 34-0077; also on Route 80 at Bayshore Viaduct No. 34-0088 (PM L3.79/4.99). Rehabilitate bridges by overlaying bridge deck, replacing joint seals, and upgrading bridge rails. (G13 Contingency)	0Q020	R/W: \$52	PA&ED: \$1,941	20-21	PA&ED: 2/1/2022
		2023-24	* Con: \$34,308	PS&E: \$3,466 R/W Sup: \$292 * Con Sup: \$4,661	21-22 21-22 23-24	R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 5/1/2024
			Subtotal: \$34,360	\$10,360		
			Total Project Cost:	\$44,720		
* Construction Capital and * Construction Support phases are NOT authorized						
SBI Baseline Agreement Required						
Program 201.110 Bridge Major Rehabilitation						
Project Output(s) 2 Bridge(s)						

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	450,017.0	756,121.0	1,206,138.0	Square feet
Post Condition	1,206,138.0	0.0	0.0	1,206,138.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No.	Existing Condition	Post Condition
Bridge No. 34-0077	Fair	Fair
Bridge No. 34-0088	Fair	Fair

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 Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.	2K190	R/W: \$10	PA&ED: \$657	Prior	PA&ED: 5/1/2020
		2020-21	Con: \$5,461	PS&E: \$1,751 R/W Sup: \$164 Con Sup: \$1,805	Prior Prior 20-21	R/W Cert: 1/1/2021 RTL: 3/1/2021 Begin Con: 10/1/2021
			Subtotal: \$5,471	\$4,377		
			Total Project Cost:	\$9,848		
Program 201.112 Bridge Rail Replacement and Upgrade						
Project Output(s) 2,249.0 Linear feet 4 Bridge(s)						

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	2,249.0	2,249.0	Linear feet rail
Post Condition	2,249.0	0.0	0.0	2,249.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No.	Existing Condition	Post Condition
Bridge No. 34-0047S	Good	Good
Bridge No. 34-0063S	Poor	Poor
Bridge No. 34-0064K	Good	Good
Bridge No. 35-0187	Fair	Fair

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
04-San Francisco-101 3.4 2026H 0419000015	In the City and County of San Francisco at Twenty Third Street Overcrossing No. 34-0035 (PM 3.37); also at Third Street Undercrossing No. 34-0030S (PM 0.77). Upgrade bridge rails.	2Q460 2023-24	R/W: \$33 Con: \$2,750	PA&ED: \$772 PS&E: \$1,255 R/W Sup: \$125 Con Sup: \$1,353	20-21 21-22 21-22 23-24	20-21 21-22 21-22 23-24	PA&ED: 12/1/2021 R/W Cert: 7/1/2023 RTL: 7/1/2023 Begin Con: 3/1/2024
New			Subtotal: \$2,783 Total Project Cost:	\$3,505 \$6,288			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 843.0 Linear feet
2 Bridge(s)

Primary Asset

(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	843.0	843.0	Linear feet rail
Post Condition	843.0	0.0	0.0	843.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No. 34-0030S	Good	Good
Bridge No. 34-0035	Fair	Fair

ROADWAY PRESERVATION

04-San Francisco-101 0.0/T4.9 2025D 0418000341	In the City and County of San Francisco, from San Mateo County line to Market Street. Rehabilitate roadway, upgrade signs, concrete barrier, and Transportation Management System (TMS) elements, rehabilitate drainage, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q820 2023-24	R/W: \$424 * Con: \$45,556	PA&ED: \$2,594 PS&E: \$4,500 R/W Sup: \$223 * Con Sup: \$6,833	20-21 22-23 22-23 23-24	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$45,980 Total Project Cost:	\$14,150 \$60,130			

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 14.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.9	3.3	14.2	Lane mile(s)
Post Condition	14.2	0.0	0.0	14.2	Lane mile(s)

V4.0 2020 SHOPP Project List
San Francisco
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Francisco-280 R0.0/T7.5 2022B 0418000045	In the City and County of San Francisco, from San Mateo County line to Brannan Street. Rehabilitate pavement, upgrade concrete median barrier, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and replace Whipple Avenue Pedestrian Overcrossing No. 34-0096.	0Q120 2023-24	R/W: \$1,373 * Con: \$82,958	PA&ED: \$4,101 PS&E: \$6,682 R/W Sup: \$322 * Con Sup: \$9,877	20-21 21-22 21-22 23-24	PA&ED: 3/1/2022 R/W Cert: 1/2/2024 RTL: 2/1/2024 Begin Con: 9/2/2024
New	(G13 Contingency)		Subtotal: \$84,331	\$20,982		
			Total Project Cost:	\$105,313		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	35.0 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	13.6	21.4	0.0	35.0	Lane mile(s)
Post Condition	35.0	0.0	0.0	35.0	Lane mile(s)

FACILITIES

04-San Francisco-101 4.2 1453E 0417000057	In the City and County of San Francisco, at the District 4 Materials Laboratory beneath Route 101 (325 San Bruno Avenue). Construct permanent District 4 Materials Lab at alternative state-owned site to replace obsolete facility closed in March 2015 due to unsafe conditions.	2K950 2021-22	R/W: \$255 Con: \$12,087	PA&ED: \$2,210 PS&E: \$1,820 R/W Sup: \$130 Con Sup: \$3,086	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 9/1/2022
Carryover			Subtotal: \$12,342	\$7,246		
			Total Project Cost:	\$19,588		
			Program	201.354 Materials Labs		
			Project Output(s)	1 Location(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	13,880.0	0.0	0.0	13,880.0	Square feet

San Francisco County

R/W:	\$2,212	PA&ED:	\$14,775
Const:	\$190,863	PS&E:	\$21,765
		R/W Sup:	\$1,530
		Con Sup:	\$30,476

Subtotal:	\$193,075	\$68,546
Total (Capital + Support):	\$261,621	

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



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

10-San Joaquin-205	In and near Tracy, from Alameda	1C380	R/W: \$19	PA&ED: \$794	20-21	PA&ED: 6/2/2021
L0.0/R13.2	County line to Route 5. Upgrade	2022-23	Con: \$5,945	PS&E: \$1,348	21-22	R/W Cert: 7/1/2022
3474	guardrail to current standards.			R/W Sup: \$19	21-22	RTL: 2/15/2023
1018000272				Con Sup: \$868	22-23	Begin Con: 9/16/2023
			Subtotal: \$5,964			
			Total Project Cost:		\$3,029	
						\$8,993

New

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

10-San Joaquin-99	In and near Manteca, Ripon and	1H530	R/W: \$55	PA&ED: \$444	20-21	PA&ED: 5/7/2021
0.0/7.0	Salida, from south of Hammett Road	2022-23	Con: \$2,289	PS&E: \$826	21-22	R/W Cert: 6/8/2022
3298	to north of Yosemite Avenue. Pave			R/W Sup: \$10	21-22	RTL: 9/21/2022
1017000204	areas behind the gore, construct			Con Sup: \$715	22-23	Begin Con: 4/17/2023
	Maintenance Vehicle Pullouts (MVPs),		Subtotal: \$2,344			
	and slope pave beneath abutments		Total Project Cost:		\$1,995	
	to reduce maintenance and					\$4,339
	enhance highway worker safety.					

New

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 41 Location(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-99 11.5/29.4 3237 1017000015 Carryover	In and near Stockton and Lodi, at various locations from French Camp Road to Kettleman Lane; also at the Route 4 (PM R15.7/R16.6) and Route 5 (PM 25.8/26.6) Interchange. Pave areas behind the gore, slopes, and at narrow locations, and construct access gates and Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and improve highway worker safety.	1C760 2020-21	R/W: \$23 Con: \$1,922	PA&ED: \$495 PS&E: \$1,130 R/W Sup: \$15 Con Sup: \$790	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 8/21/2020 RTL: 10/15/2020 Begin Con: 4/21/2021
			Subtotal: \$1,945	\$2,430		
			Total Project Cost:	\$4,375		
			Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 88 Location(s)			
10-San Joaquin-99 28.2/31.7 3407 1017000203 New	In and near Lodi, from south of Harney Lane to north of Turner Road. Pave areas behind the gore, install fence, place vegetation control barriers, slope pave beneath abutments, and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1H510 2022-23	R/W: \$45 Con: \$5,506	PA&ED: \$758 PS&E: \$822 R/W Sup: \$11 Con Sup: \$1,085	20-21 21-22 21-22 22-23	PA&ED: 8/31/2021 R/W Cert: 10/14/2022 RTL: 11/15/2022 Begin Con: 5/19/2023
			Subtotal: \$5,551	\$2,676		
			Total Project Cost:	\$8,227		
			Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access Project Output(s) 24 Location(s)			

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



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

10-San Joaquin-12 17.4/18.1 3254 1017000016	In Lodi, from Stockton Street to Route 99. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards.	1G510 2021-22	R/W: \$479 Con: \$2,066	PA&ED: \$286 PS&E: \$770 R/W Sup: \$915 Con Sup: \$637	Prior Prior Prior 21-22	PA&ED: 6/17/2019 R/W Cert: 9/30/2021 RTL: 11/1/2021 Begin Con: 5/12/2022
<i>Carryover</i>			Subtotal: \$2,545	\$2,608		
			Total Project Cost:	\$5,153		

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

Supplementary

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

BRIDGE PRESERVATION

10-San Joaquin-4 0.0 3276 1017000185	Near Discovery Bay, at Old River Bridge No. 29-0045. Remove and replace the deteriorated fender system.	1H360 2023-24	R/W: \$872 Con: \$6,121	PA&ED: \$1,591 PS&E: \$1,321 R/W Sup: Con Sup: \$2,099	20-21 22-23 23-24	PA&ED: 4/1/2023 R/W Cert: 3/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
<i>New</i>			Subtotal: \$6,993	\$5,011		
			Total Project Cost:	\$12,004		

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

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11,453.0	0.0	11,453.0	Square feet
Post Condition	11,453.0	0.0	0.0	11,453.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 29-0045	Fair	Fair
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V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-12 R4.4 3273 1017000024	Near Terminous, at Little Potato Slough Bridge No. 29-0101. Replace joint seals and bearing pads using temporary pile supports.	1F760 2020-21	R/W: \$925 Con: \$3,028	PA&ED: \$553 PS&E: \$905 R/W Sup: \$2 Con Sup: \$1,232	Prior 20-21 20-21 20-21	PA&ED: 7/20/2020 R/W Cert: 2/17/2021 RTL: 5/20/2021 Begin Con: 12/15/2021
<i>Carryover</i>			Subtotal: \$3,953 Total Project Cost:	\$2,692 \$6,645		

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

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	151,976.0	0.0	0.0	151,976.0	Square feet
Post Condition	151,976.0	0.0	0.0	151,976.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0101	Good	Good

10-San Joaquin-26 1.1 3169 1016000032	Near Stockton, at Route 26/99 Separation No. 29-0142 (PM 1.11). Establish standard vertical clearance.	1F170 2020-21	R/W: \$7 Con: \$11,536	PA&ED: \$598 PS&E: \$1,827 R/W Sup: \$13 Con Sup: \$3,221	Prior Prior Prior 20-21	PA&ED: 6/17/2019 R/W Cert: 12/15/2020 RTL: 1/15/2021 Begin Con: 7/1/2021
<i>Carryover</i>			Subtotal: \$11,543 Total Project Cost:	\$5,659 \$17,202		

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 1 Bridge(s)

<u>Primary Asset</u> <u>(Goods Movement)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10,850.0	0.0	10,850.0	Square feet
Post Condition	10,850.0	0.0	0.0	10,850.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 29-0142	Good	Good

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



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

10-San Joaquin-5 32.5/49.8 3427 1018000273 New	In and near Stockton, from Hammer Lane to the Sacramento County line (PM 49.819). Rehabilitate roadway, upgrade lighting, guardrail and bridge railing, install Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, enhance highway worker safety, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1E300 2022-23	R/W: \$49	PA&ED: \$2,108	20-21	PA&ED: 10/14/2021 R/W Cert: 5/15/2023 RTL: 6/16/2023 Begin Con: 2/1/2024
			Con: \$81,169	PS&E: \$4,153	21-22	
				R/W Sup: \$162	21-22	
				Con Sup: \$10,953	22-23	
			Subtotal: \$81,218	\$17,376		
			Total Project Cost:	\$98,594		

SBI Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 82.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	81.3	1.0	82.3	Lane mile(s)
Post Condition	82.3	0.0	0.0	82.3	Lane mile(s)

10-San Joaquin-4 19.5/38.1 3277 1017000178 New	Near Stockton, from Route 99 to Stanislaus County line (PM 38.059); also in Stanislaus County from San Joaquin County line to 0.5 mile east of Dunton Road (PM 0.0/7.2). Rehabilitate pavement, upgrade guardrail, construct rumble strips, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, install Transportation Management System (TMS) elements, and upgrade bridge railing.	1C050 2023-24	R/W: \$379	PA&ED: \$2,660	20-21	PA&ED: 2/1/2023 R/W Cert: 6/1/2024 RTL: 6/15/2024 Begin Con: 12/15/2024
			* Con: \$36,437	PS&E: \$2,701	22-23	
				R/W Sup: \$657	22-23	
				* Con Sup: \$5,250	23-24	
			Subtotal: \$36,816	\$11,268		
			Total Project Cost:	\$48,084		

** Construction Capital and * Construction Support phases are NOT authorized*

SBI Baseline Agreement Required

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 50.7 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	27.8	22.9	0.0	50.7	Lane mile(s)
Post Condition	50.7	0.0	0.0	50.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
10-San Joaquin-88 5.1/16.4 7546 1000020021	Near Lockeford, east of Comstock Road to east of Disch Road. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, reconstruct rumble strips, lengthen merge lanes, replace signs, and upgrade Transportation Management System (TMS) elements.	27920 2023-24	R/W: \$1,336 * Con: \$25,393	PA&ED: \$2,168 PS&E: \$2,267 R/W Sup: \$800 * Con Sup: \$3,977	20-21 21-22 21-22 23-24		PA&ED: 3/11/2022 R/W Cert: 11/15/2023 RTL: 12/15/2023 Begin Con: 7/16/2024
New	(G13 Contingency)		Subtotal: \$26,729	\$9,212			
			Total Project Cost:	\$35,941			
			* Construction Capital and * Construction Support phases are NOT authorized				
			Program	201.121 Pavement Rehabilitation (CAPM)			
			Project Output(s)	26.7 Lane mile(s)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.2	19.8	2.7	26.7	Lane mile(s)
Post Condition	26.7	0.0	0.0	26.7	Lane mile(s)

10-San Joaquin-88 13.7/14.0 3141 1013000260	Near Lockeford, from 0.1 mile north of East Jack Tone Road to 0.1 mile south of North Tully Road intersection; also near Kirkwood, in Alpine County (PM 0.2/2.6). Replace culverts.	05740 2020-21	R/W: \$1,306 Con: \$3,756	PA&ED: \$795 PS&E: \$900 R/W Sup: \$290 Con Sup: \$875	Prior Prior Prior 20-21		PA&ED: 12/14/2018 R/W Cert: 12/24/2020 RTL: 1/9/2021 Begin Con: 7/21/2021
Carryover			Subtotal: \$5,062	\$2,860			
			Total Project Cost:	\$7,922			
			Program	201.151 Drainage System Restoration			
			Project Output(s)	30 Culvert(s) (ea)			

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	633.0	324.0	1,519.0	2,476.0	Linear feet
Post Condition	2,476.0	0.0	0.0	2,476.0	Linear feet

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
10-San Joaquin-99 19.7/33.6 3229 1017000022	In and near Stockton and Lodi, at various locations from Eastside Underpass to Acampo Road; also on Route 4 at the Route 4/5 Separation (PM R16.10) and on Route 120 in Lathrop at Mossdale Underpass (PM R0.5). Upgrade drainage pump plants.	1E610 2021-22	R/W: \$260 Con: \$5,169	PA&ED: \$439 PS&E: \$1,530 R/W Sup: \$59 Con Sup: \$1,289	Prior Prior Prior 21-22		PA&ED: 11/22/2019 R/W Cert: 2/14/2022 RTL: 3/4/2022 Begin Con: 7/5/2022
Carryover			Subtotal: \$5,429	\$3,317			
			Total Project Cost:	\$8,746			

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5.0	5.0	Pump plant(s) (ea)
Post Condition	5.0	0.0	0.0	5.0	Pump plant(s) (ea)

MOBILITY

10-San Joaquin-99 4.6/5.3 3126A 1018000159	In Manteca, from south of Austin Road to south of Route 99/120 Separation. Operational improvements by lengthening and reconstructing overcrossing and railroad overhead, eliminate one interchange, and upgrade safety barriers. Financial Contribution Only (FCO) to San Joaquin Council of Governments (SJCOG) for construction capital.	1E74U 2021-22	R/W: Con: \$28,736	PA&ED: \$263 PS&E: \$20 R/W Sup: Con Sup:	20-21 20-21	PA&ED: 6/1/2021 R/W Cert: 7/1/2021 RTL: 7/15/2021 Begin Con: 2/23/2022
New			Subtotal: \$28,736	\$283		
			Total Project Cost:	\$29,019		

Program 201.310 Operational Improvements
Project Output(s) 2,385.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-4 R16.0/R19.4 3274 1016000077 Carryover	In Stockton, from Route 5 to Route 99. Install ramp meters, traffic monitoring systems, Closed Circuit Television (CCTV), and synchronize intersection signals with ramp metering.	1F180 2022-23	R/W: \$1,332 Con: \$39,097	PA&ED: \$2,177 PS&E: \$6,057 R/W Sup: \$695 Con Sup: \$9,438	Prior 20-21 20-21 22-23	PA&ED: 3/2/2020 R/W Cert: 11/17/2022 RTL: 1/5/2023 Begin Con: 8/17/2023
			Subtotal: \$40,429	\$18,367		
			Total Project Cost:	\$58,796		

SBI Baseline Agreement Required

Program 201.315 Transportation Management Systems
Project Output(s) 14 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	14	Field element(s)

10-San Joaquin-5 R12.1/33.0 3422 1018000007 New	In San Joaquin and Sacramento Counties, on Routes 5, 4, 12, 26, 33, 88, 120, and 205 at various locations. Upgrade Transportation Management System (TMS) elements.	1F960 2023-24	R/W: \$25 Con: \$9,090	PA&ED: \$962 PS&E: \$1,436 R/W Sup: \$158 Con Sup: \$1,559	20-21 22-23 22-23 23-24	PA&ED: 11/1/2022 R/W Cert: 2/20/2024 RTL: 4/3/2024 Begin Con: 11/15/2024
			Subtotal: \$9,115	\$4,115		
			Total Project Cost:	\$13,230		

Program 201.315 Transportation Management Systems
Project Output(s) 43 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	36	Field element(s)
Post Condition	100.0%		0.0%	43	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-5 R21.4/27.9 3250 1016000053 Carryover	In and near Stockton, on Route 5 at various locations; also on Route 4 (PM 14.6/26.0) and Route 99 (PM 15.8/18.5) at various locations. Install Transportation Management System (TMS) elements.	1F400 2021-22	R/W: \$335 Con: \$10,373	PA&ED: \$820 PS&E: \$2,550 R/W Sup: \$380 Con Sup: \$1,805	Prior Prior Prior 21-22	PA&ED: 9/13/2018 R/W Cert: 11/23/2021 RTL: 12/22/2021 Begin Con: 7/14/2022
			Subtotal: \$10,708	\$5,555		
			Total Project Cost:	\$16,263		

Program 201.315 Transportation Management Systems
Project Output(s) 22 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	12	Field element(s)
Post Condition	100.0%		0.0%	22	Field element(s)

10-San Joaquin-120 3226 1017000074 Carryover	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 Traffic Management System (TMS) elements.	1G990 2020-21	R/W: \$33 Con: \$2,065	PA&ED: \$632 PS&E: \$1,191 R/W Sup: \$107 Con Sup: \$1,243	Prior Prior Prior 20-21	PA&ED: 5/22/2019 R/W Cert: 11/5/2020 RTL: 1/5/2021 Begin Con: 7/6/2021
			Subtotal: \$2,098	\$3,173		
			Total Project Cost:	\$5,271		

Program 201.315 Transportation Management Systems
Project Output(s) 59 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	59	Field element(s)
Post Condition	100.0%		0.0%	59	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-San Joaquin-120 R0.6/R6.1 3230 1017000021	In and near Manteca and Lathrop, from Route 5 to Route 99; also on Route 5 at PM R13.34 and on Route 99 at PM 4.56. Install fiber optic cable as part of the Transportation Management System (TMS).	1C960 2020-21	R/W: \$68 Con: \$4,500	PA&ED: \$373 PS&E: \$1,221 R/W Sup: \$5 Con Sup: \$1,375	Prior Prior Prior 20-21	PA&ED: 9/21/2018 R/W Cert: 12/3/2020 RTL: 1/29/2021 Begin Con: 9/13/2021
<i>Carryover</i>			Subtotal: \$4,568	\$2,974		
			Total Project Cost:	\$7,542		

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

10-San Joaquin-205 R4.5/R9.0 3146 1014000146	In Tracy, from Byron Road Undercrossing to Paradise Road Overcrossing. Install ramp meters and other Transportation Management System (TMS) elements.	1C330 2021-22	R/W: \$3,260 Con: \$26,632	PA&ED: \$1,057 PS&E: \$3,500 R/W Sup: \$979 Con Sup: \$5,600	Prior Prior Prior 21-22	PA&ED: 9/11/2018 R/W Cert: 4/15/2021 RTL: 7/8/2021 Begin Con: 3/2/2022
<i>Carryover</i>			Subtotal: \$29,892	\$11,136		
			Total Project Cost:	\$41,028		

Program 201.315 Transportation Management Systems
Project Output(s) 28 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		0.0%	0	Field element(s)
Post Condition	100.0%		0.0%	28	Field element(s)

V4.0 2020 SHOPP Project List
San Joaquin
(\$1,000)



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

10-San Joaquin-99	In and near Lodi, from north of	1H650	R/W:	PA&ED: \$442	20-21	PA&ED: 4/15/2021
28.7/31.7	Harney Lane to north of Turner Road.	2022-23	Con: \$3,424	PS&E: \$815	20-21	R/W Cert: 6/15/2022
3428	Rehabilitate landscaping and			R/W Sup: \$12	20-21	RTL: 7/15/2022
1018000282	irrigation system.			Con Sup: \$1,085	22-23	Begin Con: 1/3/2023
			Subtotal: \$3,424		\$2,354	
			Total Project Cost:		\$5,778	

New

Program 201.210 Highway Planting Restoration
Project Output(s) 14.0 Acre(s)

San Joaquin County

R/W:	\$10,808	PA&ED:	\$20,415
Const:	\$314,254	PS&E:	\$37,290
		R/W Sup:	\$5,289
		Con Sup:	\$55,096
Subtotal:	\$325,062		\$118,090
Total (Capital + Support):			\$443,152

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



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

05-San Luis Obispo-41 3.1 2927 0519000001	Near Morro Bay, 3.1 miles north of Route 1. Construct soldier pile wall.	1K720 2021-22	R/W: \$249 Con: \$3,584	PA&ED: \$1,241 PS&E: \$1,544 R/W Sup: \$178 Con Sup: \$1,684	Prior 20-21 20-21 21-22	PA&ED: 5/7/2021 R/W Cert: 6/10/2022 RTL: 6/24/2022 Begin Con: 2/7/2023
			Subtotal: \$3,833	\$4,647		
Carryover			Total Project Cost:	\$8,480		

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

COLLISION REDUCTION

05-San Luis Obispo-101 27.9 2740 0517000101	In the city of San Luis Obispo, at Marsh Street. Correct roadway cross slopes and construct drainage improvements	1J440 2020-21	R/W: \$4 Con: \$775	PA&ED: \$333 PS&E: \$715 R/W Sup: \$25 Con Sup: \$309	Prior Prior Prior 20-21	PA&ED: 4/17/2019 R/W Cert: 4/30/2020 RTL: 7/8/2020 Begin Con: 11/18/2020
			Subtotal: \$779	\$1,382		
Carryover			Total Project Cost:	\$2,161		

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

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-101 38.5/39.4 2765 0518000035	Near Santa Margarita, from north of Route 58 to 2.9 miles south of Santa Barbara Road. Cross slope corrections, Open Graded Asphalt Concrete (OGAC) overlay and replace guardrail.	1J710 2020-21	R/W: \$3 Con: \$3,504	PA&ED: PS&E: \$968 R/W Sup: \$27 Con Sup: \$866	Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 4/1/2020 RTL: 7/8/2020 Begin Con: 10/5/2020
Carryover			Subtotal: \$3,507	\$1,861		
			Total Project Cost:	\$5,368		

Program 201.010 Safety Improvements
Project Output(s) 67 Collision(s) reduced

05-San Luis Obispo-101 61.9 2766 0518000052	Near Wellsona, at the intersection of Route 101 and Wellsona Road. Improve safety by constructing an undercrossing.	1J780 2021-22	R/W: \$1,271 Con: \$14,019	PA&ED: \$1,373 PS&E: \$3,386 R/W Sup: \$546 Con Sup: \$3,286	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 5/16/2022 Begin Con: 10/17/2022
Carryover			Subtotal: \$15,290	\$8,591		
			Total Project Cost:	\$23,881		

Program 201.010 Safety Improvements
Project Output(s) 26 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



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

05-San Luis Obispo-1 0.0/0.3 2650 0516000074	Near Guadalupe, at the Santa Maria River Bridge No. 49-0042; also in Santa Barbara County (PM 50.3/50.6). The bridge is scour critical and needs to be replaced. The existing bridge will be used for traffic handling during construction and then demolished. The highway will need to be realigned as a result of the new bridge location. The new bridge will provide standard lane and shoulder widths and include a protected walkway.	1H440 2022-23	R/W: \$530 Con: \$33,880	PA&ED: \$2,294 PS&E: \$4,290 R/W Sup: \$455 Con Sup: \$9,660	Prior 20-21 20-21 22-23	PA&ED: 3/2/2020 R/W Cert: 9/1/2022 RTL: 9/30/2022 Begin Con: 4/5/2023
<i>Carryover</i>			Subtotal: \$34,410	\$16,699		
			Total Project Cost:	\$51,109		

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	39,826.0	39,826.0	Square feet
Post Condition	39,826.0	0.0	0.0	39,826.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 49-0042 Fair Good

05-San Luis Obispo-1 32.6 0072C 0519000054	In Morro Bay, at Toro Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L721.	0L724 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup: \$28	23-24	PA&ED: 6/26/2018 R/W Cert: 5/14/2020 RTL: 8/6/2023 Begin Con: 12/12/2023
<i>New</i>			Subtotal:	\$28		
			Total Project Cost:	\$28		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-1 34.5 0072D 0519000055	In Morro Bay, at Old Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L722.	0L725 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 5/15/2018 R/W Cert: 2/25/2020 RTL: 8/6/2023 Begin Con: 11/1/2023
<i>New</i>			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

05-San Luis Obispo-58 3.1 0072E 0519000056	Near Santa Margarita, at Trout Creek Bridge. Environmental mitigation (biological monitoring) for project EA 0L723.	0L726 2023-24	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$28 23-24	PA&ED: 10/31/2017 R/W Cert: 12/13/2019 RTL: 7/1/2023 Begin Con: 10/26/2023
<i>New</i>			Subtotal:		\$28	
			Total Project Cost:		\$28	

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



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

05-San Luis Obispo-1 10.0/16.8 2630 0516000009	In and near Pismo Beach, from Gracia Way to North Pismo (Route 101/Route 1) Separation. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G980 2021-22	R/W: \$303 Con: \$8,618	PA&ED: \$1,156 PS&E: \$1,751 R/W Sup: \$1,670 Con Sup: \$1,568	Prior Prior Prior 21-22	PA&ED: 12/3/2018 R/W Cert: 4/6/2022 RTL: 4/6/2022 Begin Con: 8/23/2022
<i>Carryover</i>			Subtotal: \$8,921	\$6,145		
			Total Project Cost:	\$15,066		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 13.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.5	0.0	13.5	Lane mile(s)
Post Condition	13.5	0.0	0.0	13.5	Lane mile(s)

05-San Luis Obispo-46 29.8/32.2 2903 0518000210	In Paso Robles, from Route 101 to east of Airport Road. Rehabilitate pavement, replace sign panels, install Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1K460 2022-23	R/W: \$28 Con: \$7,550	PA&ED: \$477 PS&E: \$1,424 R/W Sup: \$75 Con Sup: \$1,693	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 9/30/2022 RTL: 10/21/2022 Begin Con: 5/1/2023
<i>New</i>			Subtotal: \$7,578	\$3,669		
			Total Project Cost:	\$11,247		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.2	0.0	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-San Luis Obispo-58 1.8/6.9 2845 0518000095	Near Santa Margarita, from I Street to Route 229. Rehabilitate pavement and drainage, replace sign panels, and install Transportation Management System (TMS) elements.	1J970 2023-24	R/W: \$2,549 Con: \$6,500	PA&ED: \$1,622 PS&E: \$2,253 R/W Sup: \$968 Con Sup: \$2,103	20-21 21-22 21-22 23-24	PA&ED: 4/26/2022 R/W Cert: 1/12/2024 RTL: 5/22/2024 Begin Con: 12/20/2024
New			Subtotal: \$9,049	\$6,946		
			Total Project Cost:	\$15,995		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3.5	8.2	11.7	Lane mile(s)
Post Condition	11.7	0.0	0.0	11.7	Lane mile(s)

05-San Luis Obispo-101 7.8/16.5 2778 0518000081	In and near Pismo Beach, Arroyo Grande, and Nipomo, from Los Barros Road to south of Hinds Avenue Overcrossing. Rehabilitate pavement, drainage systems, enhance highway worker safety, designate bikeways with pavement delineation, and install Transportation Management System (TMS) elements.	1J860 2023-24	R/W: \$230 * Con: \$27,382	PA&ED: \$1,610 PS&E: \$3,209 R/W Sup: \$655 * Con Sup: \$5,426	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 6/3/2024 Begin Con: 12/9/2024
New			Subtotal: \$27,612	\$10,900		
			Total Project Cost:	\$38,512		
			* Construction Capital and * Construction Support phases are NOT authorized			
	(G13 Contingency)					
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	34.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.2	32.5	0.0	34.7	Lane mile(s)
Post Condition	34.7	0.0	0.0	34.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



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

05-San Luis Obispo-101 31.5/59.1 4022 0516000007	In San Luis Obispo County, from 0.3 mile north of Reservoir Canyon Road to 0.3 mile north of North Paso Robles Overhead; also on Route 46 from Theater Drive to Union Road (PM R21.7/31.9) at various locations. Install vehicle detection systems, Changeable Message Signs (CMS), cameras, and loop detectors.	0N220 2020-21	R/W: \$5 Con: \$3,621	PA&ED: \$380 PS&E: \$1,095 R/W Sup: \$78 Con Sup: \$702	Prior Prior Prior 20-21	PA&ED: 1/11/2019 R/W Cert: 8/3/2020 RTL: 12/1/2020 Begin Con: 8/2/2021
<i>Carryover</i>			Subtotal: \$3,626	\$2,255		
			Total Project Cost:	\$5,881		

Program 201.315 Transportation Management Systems
Project Output(s) 62 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	21	Field element(s)
Post Condition	100.0%		0.0%	62	Field element(s)

ROADWAY PROTECTIVE BETTERMENTS

05-San Luis Obispo-1 R66.9/R67.2 4928Y 0517000046	Near San Simeon, from the Arroyo de la Cruz Bridge to 0.3 mile north of the Arroyo de la Cruz Bridge. Planting, wetland and California Red-legged Frog mitigation.	49285 2020-21	R/W: \$68 Con: \$8,071	PA&ED: \$1,057 R/W Sup: \$56 Con Sup: \$2,817	Prior Prior 20-21	PA&ED: 8/11/2010 R/W Cert: 5/11/2020 RTL: 7/27/2020 Begin Con: 3/17/2021
<i>Carryover</i>			Subtotal: \$8,139	\$3,930		
			Total Project Cost:	\$12,069		

Program 201.150 Roadway Protective Betterments
Project Output(s) 0 Location(s)

V4.0 2020 SHOPP Project List
San Luis Obispo
(\$1,000)



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

05-San Luis Obispo-	In the city of San Luis Obispo, at 4485	1K680	R/W: \$155	PA&ED: \$4,401	20-21	PA&ED: 9/7/2022
	Vachell Lane. Construct new	2023-24	* Con: \$52,714	PS&E: \$10,796	22-23	R/W Cert: 2/1/2024
2920	Maintenance station and material			R/W Sup: \$233	22-23	RTL: 5/13/2024
0518000234	and testing laboratory for			* Con Sup: \$6,696	23-24	Begin Con: 11/7/2024
	construction office.					
			Subtotal: \$52,869	\$22,126		
New	(G13 Contingency)		Total Project Cost:	\$74,995		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	70,882.0	70,882.0	Square feet
Post Condition	103,005.0	0.0	0.0	103,005.0	Square feet

San Luis Obispo County

R/W:	\$5,395	PA&ED:	\$14,887
Const:	\$170,218	PS&E:	\$32,488
		R/W Sup:	\$4,966
		Con Sup:	\$36,894
Subtotal:	\$175,613		\$89,235
Total (Capital + Support):			\$264,848

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



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

04-San Mateo-1 1.1 1450H 0416000105	Near Half Moon Bay, at 1.1 miles north of Santa Cruz County line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	0K570 2021-22	R/W: \$2 Con: \$990	PA&ED: \$300 PS&E: \$400 R/W Sup: \$70 Con Sup: \$500	Prior Prior Prior 21-22	PA&ED: 10/30/2020 R/W Cert: 4/1/2021 RTL: 7/1/2021 Begin Con: 1/30/2022
<i>Carryover</i>			Subtotal: \$992	\$1,270		
			Total Project Cost:	\$2,262		

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

04-San Mateo-1 36.2 2028H 0418000134	Near Montara, at south of 9th Street. Repair damaged storm drain and restore eroded embankment.	0Q670 2022-23	R/W: \$35 Con: \$1,400	PA&ED: \$418 PS&E: \$388 R/W Sup: \$27 Con Sup: \$373	Prior 21-22 21-22 22-23	PA&ED: 7/2/2021 R/W Cert: 9/1/2022 RTL: 10/7/2022 Begin Con: 4/10/2023
<i>Carryover</i>			Subtotal: \$1,435	\$1,206		
			Total Project Cost:	\$2,641		

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

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 19.8 1450J 0416000124	In South San Francisco, at 0.1 mile north of Francisco Drive. Permanent embankment restoration by installing retaining wall and drainage improvements.	0K670 2020-21	R/W: \$10 Con: \$1,590	PA&ED: \$500 PS&E: \$710 R/W Sup: \$60 Con Sup: \$800	Prior Prior Prior 20-21	PA&ED: 9/30/2019 R/W Cert: 12/16/2020 RTL: 12/31/2020 Begin Con: 8/3/2021
<i>Carryover</i>			Subtotal: \$1,600	\$2,070		
			Total Project Cost:	\$3,670		

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

04-San Mateo-84 5.2 1455B 0416000472	Near La Honda, at 1.2 miles north of Madera Lane (North). Repair slope washout and place Rock Slope Protection (RSP) on existing embankment to prevent further erosion.	2K610 2021-22	R/W: \$147 Con: \$895	PA&ED: \$936 PS&E: \$390 R/W Sup: \$10 Con Sup: \$250	Prior 20-21 20-21 21-22	PA&ED: 10/5/2020 R/W Cert: 3/7/2022 RTL: 5/2/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$1,042	\$1,586		
			Total Project Cost:	\$2,628		

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

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-84 6.0 1455C 0416000480	Near La Honda, west of Peek-A-Boo Lane. Construct soldier pile wall, reconstruct damaged pavement, and upgrade guardrail.	2K640 2022-23	R/W: \$371 Con: \$3,202	PA&ED: \$1,056 PS&E: \$635 R/W Sup: \$40 Con Sup: \$484	Prior 20-21 20-21 22-23	PA&ED: 10/5/2020 R/W Cert: 10/3/2022 RTL: 11/14/2022 Begin Con: 6/5/2023
<i>Carryover</i>			Subtotal: \$3,573	\$2,215		
			Total Project Cost:	\$5,788		

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

COLLISION REDUCTION

04-San Mateo-1 36.5/38.3 2021A 0418000123	Near Montara, from 0.1 mile south of 2nd Street to 0.3 mile south of Tom Lantos Tunnel. Install new standard safety barrier.	0Q610 2023-24	R/W: \$158 Con: \$6,949	PA&ED: \$2,148 PS&E: \$2,672 R/W Sup: \$59 Con Sup: \$1,637	Prior 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 6/1/2023 RTL: 7/6/2023 Begin Con: 12/1/2023
<i>Carryover</i>			Subtotal: \$7,107	\$6,516		
			Total Project Cost:	\$13,623		

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

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-Var 1491J 0416000033 Carryover	In and near various cities, on Routes 1, 35, 82, 84, 92, 101, 109, 114, 280, and 380 at various locations. Enhance pedestrian safety by upgrading signals with Accessible Pedestrian Signals (APS) audible indicators, pushbuttons, and countdown timers, and upgrading crosswalk markings.	0K070 2021-22	R/W: \$57 Con: \$5,832	PA&ED: \$1,250 PS&E: \$1,250 R/W Sup: \$175 Con Sup: \$1,250	Prior Prior Prior 21-22	PA&ED: 4/1/2020 R/W Cert: 12/1/2021 RTL: 2/1/2022 Begin Con: 6/1/2022
			Subtotal: \$5,889	\$3,925		
			Total Project Cost:	\$9,814		

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

04-San Mateo-92 2022N 0418000215 New	In San Mateo County on Routes 92, 101, 280, and 380 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems, upgrading crosswalk markings and ramp metering systems, and upgrading facilities to Americans with Disabilities Act (ADA) standards.	1Q200 2023-24	R/W: \$126 Con: \$13,681	PA&ED: \$1,919 PS&E: \$2,054 R/W Sup: \$62 Con Sup: \$2,492	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 2/2/2024 RTL: 3/1/2024 Begin Con: 9/2/2024
			Subtotal: \$13,807	\$6,527		
			Total Project Cost:	\$20,334		

Program 201.015 Collision Severity Reduction
Project Output(s) 19 Collision(s) reduced

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



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

04-San Mateo-1 44.0/48.0 2021C 0418000096 New	In Pacifica and Daly City, from San Jose Avenue Pedestrian Overcrossing to Route 280 at various locations; also on Route 280, from Route 1 to John Daly Boulevard Overcrossing (PM R25.3/M27.1R). Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	0Q440	R/W: \$65	PA&ED: \$1,101	20-21	PA&ED: 7/1/2021
		2022-23	Con: \$3,363	PS&E: \$1,493	21-22	R/W Cert: 12/1/2022
				R/W Sup: \$48	21-22	RTL: 1/1/2023
				Con Sup: \$1,505	22-23	Begin Con: 7/1/2023
				Subtotal: \$3,428	\$4,147	
		Total Project Cost:	\$7,575			
			Program	201.335 Storm Water Mitigation		
			Project Output(s)	49.3 Acre(s) treated/pollutant		

04-San Mateo-82 12.9/15.9 0730D 0400020619 Carryover	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	1G900	R/W: \$844	PA&ED: \$3,320	Prior	PA&ED: 6/1/2021
		2023-24	Con: \$9,120	PS&E: \$1,200	20-21	R/W Cert: 9/1/2023
				R/W Sup: \$700	20-21	RTL: 10/1/2023
				Con Sup: \$1,000	23-24	Begin Con: 4/1/2024
				Subtotal: \$9,964	\$6,220	
		Total Project Cost:	\$16,184			
			Program	201.378 Americans with Disabilities Act Pedestrian Infrastructure		
			Project Output(s)	82 Curb ramp(s)		

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	82.0	82.0	Each
Post Condition	82.0	0.0	0.0	82.0	Each

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



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

04-San Mateo-1 14.0 1494G 0416000029	Near Pescadero, at Pescadero Creek Bridge No. 35-0028. Upgrade bridge rails and repair approach slabs.	4J870 2021-22	R/W: \$260 Con: \$4,434	PA&ED: \$1,200 PS&E: \$1,000 R/W Sup: \$8 Con Sup: \$1,200	Prior 20-21 20-21 21-22	PA&ED: 11/1/2020 R/W Cert: 4/1/2022 RTL: 5/1/2022 Begin Con: 12/15/2022
			Subtotal: \$4,694	\$3,408		
<i>Carryover</i>			Total Project Cost:	\$8,102		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	840.0	420.0	0.0	1,260.0	Square feet
Post Condition	1,260.0	0.0	0.0	1,260.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 35-0028 Good Good

04-San Mateo-101 7.1 1483C 0415000004	In Redwood City, at Cordilleras Creek Bridge No. 35-0019. Replace bridge to restore structural integrity.	2J730 2021-22	R/W: \$4,285 * Con: \$26,570	PA&ED: \$4,500 PS&E: \$4,500 R/W Sup: \$1,125 * Con Sup: \$7,500	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 9/1/2022
			Subtotal: \$30,855	\$17,625		
<i>Carryover</i>			Total Project Cost:	\$48,480		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5,942.0	5,942.0	Square feet
Post Condition	7,072.0	0.0	0.0	7,072.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 35-0019 Poor Good

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-82 9.4 2024C 0418000291 New	In the city of San Mateo, at Hillsdale Boulevard Overcrossing No. 35-0198 (PM 9.345). Upgrade bridge rails and signals and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q530 2023-24	R/W: \$76 Con: \$1,821	PA&ED: \$657 PS&E: \$1,303 R/W Sup: \$69 Con Sup: \$746	20-21 21-22 21-22 23-24	PA&ED: 1/1/2022 R/W Cert: 7/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
			Subtotal: \$1,897	\$2,775		
			Total Project Cost:	\$4,672		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 252.0 Linear feet
1 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	252.0	252.0	Linear feet rail
Post Condition	252.0	0.0	0.0	252.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 35-0198	Good	Good
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04-San Mateo-101 0.1/23.4 1485K 0415000010 Carryover	In East Palo Alto, Redwood City, Belmont, Burlingame, Millbrae, South San Francisco, and Brisbane, from University Avenue Overcrossing to Sierra Point offramp separation. Upgrade bridge rails at eight structures.	2J740 2021-22	R/W: \$64 Con: \$7,748	PA&ED: \$1,326 PS&E: \$1,586 R/W Sup: \$130 Con Sup: \$1,456	Prior Prior Prior 21-22	PA&ED: 8/1/2020 R/W Cert: 12/1/2021 RTL: 3/1/2022 Begin Con: 9/1/2022
			Subtotal: \$7,812	\$4,498		
			Total Project Cost:	\$12,310		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 3,706.0 Linear feet
8 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,706.0	3,706.0	Linear feet rail
Post Condition	3,706.0	0.0	0.0	3,706.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 35- 126	Fair	Fair
Bridge No. 35- 131S	Good	Good
Bridge No. 35-0017	Fair	Fair
Bridge No. 35-0018	Good	Good
Bridge No. 35-0081G	Good	Good
Bridge No. 35-0087	Good	Good
Bridge No. 35-0113	Fair	Fair
Bridge No. 35-0155	Fair	Fair

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
04-San Mateo-280 R0.0/R21.0 1498G 0416000028	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road Undercrossing No. 35 -0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (south) No. 35 -0007 (PM R1.56), Sand Hill Road OC (north) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35 -0217L/R (PM R20.97). Structure seismic retrofit.	4J850 2021-22	R/W: \$262 Con: \$7,470	PA&ED: \$600 PS&E: \$1,000 R/W Sup: \$100 Con Sup: \$1,000	Prior 20-21 20-21 21-22	PA&ED: 3/18/2020 R/W Cert: 3/1/2022 RTL: 4/1/2022 Begin Con: 7/1/2022	
Carryover			Subtotal: \$7,732	\$2,700			
			Total Project Cost:	\$10,432			

Program 201.113 Bridge Seismic Restoration
Project Output(s) 6 Bridge(s)

Primary Asset

(Seismic)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	141,857.0	141,857.0	Square feet
Post Condition	141,857.0	0.0	0.0	141,857.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 35-0007	Fair	Fair
Bridge No. 35-0008	Poor	Poor
Bridge No. 35-0009L	Fair	Fair
Bridge No. 35-0009R	Fair	Fair
Bridge No. 35-0217	Fair	Fair
Bridge No. 35-0217L		

04-San Mateo-1 28.9 1483M 0415000014	In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour critical bridges to preserve the structural integrity of the bridges by reinforcing with Rock Slope Protection (RSP).	2J790 2021-22	R/W: \$343 Con: \$1,936	PA&ED: \$1,250 PS&E: \$1,040 R/W Sup: \$260 Con Sup: \$1,300	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 3/31/2022 RTL: 4/1/2022 Begin Con: 11/1/2022
Carryover			Subtotal: \$2,279	\$3,850		
			Total Project Cost:	\$6,129		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	16,608.0	0.0	16,608.0	Square feet
Post Condition	16,652.0	0.0	0.0	16,652.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 35-0139L	Good	Good
Bridge No. 35-0139R	Good	Good
Bridge No. 35-0166	Good	Good

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



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

04-San Mateo-82 12.3/15.8 1496J 0416000142	In the cities of San Mateo and Burlingame, from East Santa Inez Avenue to Murchison Drive. Rehabilitate roadway, improve drainage, and upgrade existing curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	0K810 2023-24	R/W: \$2,215 Con: \$86,061	PA&ED: \$8,181 PS&E: \$8,181 R/W Sup: \$4,091 Con Sup: \$12,270	Prior 21-22 21-22 23-24	PA&ED: 6/1/2021 R/W Cert: 9/1/2023 RTL: 10/1/2023 Begin Con: 4/1/2024
<i>Carryover</i>			Subtotal: \$88,276	\$32,723		
			Total Project Cost:	\$120,999		

SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 15.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	15.2	0.0	15.2	Lane mile(s)
Post Condition	15.2	0.0	0.0	15.2	Lane mile(s)

04-San Mateo-84 21.5/25.7 1497A 0416000138	In and near Woodside and Redwood City, from Route 280 to Route 101. Rehabilitate pavement, make curb ramps and sidewalks Americans with Disabilities Act (ADA) compliant, and upgrade guardrails to make standard.	0K780 2021-22	R/W: \$566 Con: \$18,225	PA&ED: \$2,340 PS&E: \$2,860 R/W Sup: \$39 Con Sup: \$3,120	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 6/1/2021 RTL: 8/1/2021 Begin Con: 3/1/2022
<i>Carryover</i>			Subtotal: \$18,791	\$8,359		
			Total Project Cost:	\$27,150		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 16.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.5	0.0	16.5	Lane mile(s)
Post Condition	16.5	0.0	0.0	16.5	Lane mile(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 0.0/21.8 2024D 0418000301	In various cities from Santa Clara County line to north of South Airport Boulevard. Rehabilitate pavement, upgrade signs, guardrail, and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards. (G13 Contingency)	1Q580 2022-23	R/W: \$102 * Con: \$181,053	PA&ED: \$6,030 PS&E: \$16,105 R/W Sup: \$69 * Con Sup: \$12,815	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 3/1/2023 Begin Con: 7/1/2023
New			Subtotal: \$181,155	\$35,019		
			Total Project Cost:	\$216,174		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	151.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.7	120.4	0.3	151.4	Lane mile(s)
Post Condition	151.4	0.0	0.0	151.4	Lane mile(s)

04-San Mateo-1 27.5/34.8 2022C 0418000053	In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and make bicycle improvements. (G13 Contingency)	0Q130 2023-24	R/W: \$282 * Con: \$33,836	PA&ED: \$2,640 PS&E: \$4,055 R/W Sup: \$147 * Con Sup: \$5,011	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 4/1/2024 RTL: 4/30/2024 Begin Con: 10/1/2024
New			Subtotal: \$34,118	\$11,853		
			Total Project Cost:	\$45,971		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.122 Roadway Rehabilitation (2R)		
			Project Output(s)	16.7 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	16.0	0.7	16.7	Lane mile(s)
Post Condition	16.7	0.0	0.0	16.7	Lane mile(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-280 6.7/10.5 0732J 0412000161	Near Redwood City, San Carlos and Belmont, from Edgewood Road to Route 92 and near Hillsborough at PM R12.7; also in Santa Clara County in and near Mountain View and Palo Alto, at various spot locations (PM 11.6, 12.8, 12.9, 18.8). Replace failing culverts and restore damaged slopes, pavement, and bridge approaches at six locations.	2A970 2021-22	R/W: \$13 Con: \$16,404	PA&ED: \$1,800 PS&E: \$2,000 R/W Sup: \$260 Con Sup: \$3,000	Prior Prior Prior 21-22	PA&ED: 2/1/2020 R/W Cert: 10/1/2021 RTL: 11/1/2021 Begin Con: 5/1/2022
Carryover			Subtotal: \$16,417	\$7,060		
			Total Project Cost:	\$23,477		

Program 201.151 Drainage System Restoration
Project Output(s) 28 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1,290.0	3,762.0	2,247.0	7,299.0	Linear feet
Post Condition	7,299.0	0.0	0.0	7,299.0	Linear feet

MOBILITY

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

Program 201.315 Transportation Management Systems
Project Output(s) 13 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0%		0.0%	2	Field element(s)
Post Condition	100.0%		0.0%	13	Field element(s)

V4.0 2020 SHOPP Project List
San Mateo
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-San Mateo-101 2020G 0418000041 New	In Alameda, Contra Costa, Santa Clara, Sam Mateo, and Solano Counties on various routes at various locations. Modify and enhance ramp metering systems to improve Transportation Management System (TMS) performance and install guardrail at ramps to enhance highway worker safety.	0Q070 2022-23	R/W: \$31 Con: \$10,400	PA&ED: \$1,179 PS&E: \$1,230 R/W Sup: \$40 Con Sup: \$2,806	20-21 21-22 21-22 22-23	PA&ED: 12/30/2021 R/W Cert: 2/1/2023 RTL: 5/30/2023 Begin Con: 12/6/2023
			Subtotal: \$10,431	\$5,255		
			Total Project Cost:	\$15,686		

Program 201.315 Transportation Management Systems
Project Output(s) 44 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	91.0%		9.0%	44	Field element(s)
Post Condition	100.0%		0.0%	44	Field element(s)

San Mateo County

R/W:	\$10,350	PA&ED:	\$45,081
Const:	\$445,388	PS&E:	\$56,496
		R/W Sup:	\$7,619
		Con Sup:	\$62,959
Subtotal:	\$455,738		\$172,155
Total (Capital + Support):			\$627,893

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



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

05-Santa Barbara-135 10.6/17.6 2703 0517000039	In Santa Maria, at various locations from Union Valley Parkway to Preisker Lane. Improve safety by modifying signals at intersections and constructing curb ramps.	1H960 2021-22	R/W: \$540 Con: \$11,111	PA&ED: PS&E: \$2,234 R/W Sup: \$2,646 Con Sup: \$2,604	Prior Prior 21-22	PA&ED: 6/25/2018 R/W Cert: 4/13/2021 RTL: 8/31/2021 Begin Con: 4/14/2022
<i>Carryover</i>			Subtotal: \$11,651	\$7,484		
			Total Project Cost:	\$19,135		

Program 201.010 Safety Improvements
Project Output(s) 660 Collision(s) reduced

05-Santa Barbara-135 17.3/17.6 2745 0517000184	In Santa Maria, from Roemer Way to Preisker Lane; also at Bunny Avenue (PM 16.5). Improve safety by constructing signal systems, sidewalk, and highway lighting.	1J470 2020-21	R/W: \$122 Con: \$1,696	PA&ED: PS&E: \$860 R/W Sup: \$534 Con Sup: \$570	Prior Prior 20-21	PA&ED: 6/8/2018 R/W Cert: 12/16/2020 RTL: 12/17/2020 Begin Con: 8/3/2021
<i>Carryover</i>			Subtotal: \$1,818	\$1,964		
			Total Project Cost:	\$3,782		

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

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-166 8.1 2870 0518000122	In Santa Maria, at Miller Street. Modify traffic signal.	1K100 2020-21	R/W: \$20 Con: \$594	PA&ED: PS&E: \$595 R/W Sup: \$208 Con Sup: \$341	Prior Prior 20-21	PA&ED: 10/12/2018 R/W Cert: 7/3/2020 RTL: 11/20/2020 Begin Con: 7/8/2021
			Subtotal: \$614	\$1,144		
			Total Project Cost:	\$1,758		
Carryover						

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

05-Santa Barbara-Var 2628 0516000006	In Santa Barbara and San Luis Obispo Counties on Routes 101, 135, and 246 at various locations. Install Accessible Pedestrian Signals (APS) push buttons, Countdown Pedestrian Signals (CPS) heads, pedestrian barricades, and crosswalk signage to improve pedestrian and bicycle safety.	1G960 2020-21	R/W: \$16 Con: \$1,928	PA&ED: \$879 PS&E: \$940 R/W Sup: \$71 Con Sup: \$746	Prior Prior Prior 20-21	PA&ED: 6/24/2019 R/W Cert: 4/9/2021 RTL: 4/20/2021 Begin Con: 12/6/2021
			Subtotal: \$1,944	\$2,636		
			Total Project Cost:	\$4,580		
Carryover						

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-1 R35.0/49.2 2667 0516000097 Carryover	Near Santa Maria, from 0.2 mile north of Route 135 Junction to Route 166 Junction. Widen shoulders, install rumble strips, upgrade guardrails and relocate objects from within the clear recovery zone.	1H610 2023-24	R/W: \$4,053 Con: \$15,401	PA&ED: \$1,736 PS&E: \$1,942 R/W Sup: \$1,237 Con Sup: \$4,379	Prior 20-21 20-21 23-24	PA&ED: 4/13/2021 R/W Cert: 7/14/2023 RTL: 7/14/2023 Begin Con: 2/22/2024
			Subtotal: \$19,454	\$9,294		
			Total Project Cost:	\$28,748		

Program 201.015 Collision Severity Reduction
Project Output(s) 26 Collision(s) reduced

05-Santa Barbara-101 9.2/11.9 2426D 0519000053 New	In and near the city of Santa Barbara, from 0.2 mile north of Sheffield Drive Undercrossing to 0.4 mile south of Sycamore Creek Bridge. Upgrade median barrier, enhance highway worker safety, rehabilitate drainage systems and pavement, and install Transportation Management System (TMS) elements. (Local contribution for PA&ED, PS&E and R/W Sup as part of STIP project EA 0N70B.).	1C824 2022-23	R/W: Con: \$25,000	PA&ED: PS&E: R/W Sup: Con Sup: \$5,000	22-23	PA&ED: 11/4/2021 R/W Cert: 4/1/2022 RTL: 11/18/2022 Begin Con: 6/7/2023
			Subtotal: \$25,000	\$5,000		
			Total Project Cost:	\$30,000		

Program 201.015 Collision Severity Reduction
Project Output(s) 33 Collision(s) reduced

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 68.7/91.0 2699 0517000001	In Santa Barbara and San Luis Obispo (PM 0.0/8.4) Counties, from Alisos Canyon Road to Los Berros Road at various locations. Roadside safety improvements.	1H850 2020-21	R/W: \$25 Con: \$4,703	PA&ED: \$714 PS&E: \$1,123 R/W Sup: \$35 Con Sup: \$1,003	Prior Prior Prior 20-21	PA&ED: 11/12/2019 R/W Cert: 11/2/2020 RTL: 3/9/2021 Begin Con: 10/18/2021
Carryover			Subtotal: \$4,728	\$2,875		
			Total Project Cost:	\$7,603		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 132 Location(s)

MANDATES

05-Santa Barbara-1 49.2/50.4 2466 0513000026	In Guadalupe, from Route 166 (West Main Street) to 0.1 mile south of Santa Maria River Bridge; also on Route 166, from Route 1 to Obispo Street (PM 0.0/0.2). Upgrade curb ramps and other facilities to Americans with Disabilities Act (ADA) standards.	1E030 2023-24	R/W: \$1,189 Con: \$2,438	PA&ED: \$1,229 PS&E: \$2,030 R/W Sup: \$2,963 Con Sup: \$1,221	20-21 21-22 21-22 23-24	PA&ED: 8/13/2021 R/W Cert: 3/6/2024 RTL: 5/6/2024 Begin Con: 9/27/2024
New			Subtotal: \$3,627	\$7,443		
			Total Project Cost:	\$11,070		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 28 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	27.0	27.0	Each
Post Condition	28.0	0.0	0.0	28.0	Each

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 11.0 2468 0513000027	In the city of Santa Barbara, at Butterfly Lane Pedestrian Undercrossing. Construct pedestrian ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	1E040 2020-21	R/W: \$970 Con: \$3,704	PA&ED: \$70 PS&E: \$1,875 R/W Sup: \$303 Con Sup: \$1,136	Prior Prior Prior 20-21	PA&ED: 11/1/2016 R/W Cert: 9/1/2020 RTL: 10/1/2020 Begin Con: 5/12/2021
Carryover			Subtotal: \$4,674	\$3,384		
			Total Project Cost:	\$8,058		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 2 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

BRIDGE PRESERVATION

05-Santa Barbara-101 21.6 2649 0516000073	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: \$40 Con: \$9,240	PA&ED: \$1,400 PS&E: \$2,730 R/W Sup: \$70 Con Sup: \$3,480	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 6/28/2021 RTL: 9/28/2021 Begin Con: 6/10/2022
Carryover			Subtotal: \$9,280	\$7,680		
			Total Project Cost:	\$16,960		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	11,055.0	11,055.0	Square feet
Post Condition	12,950.0	0.0	0.0	12,950.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0163L	Poor	Good
Bridge No. 51-0163R	Poor	Good

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 R36.0/R37.0 2448 0513000018	Near Goleta, from 0.6 mile south and 0.4 mile north of Refugio Road Undercrossing No. 51-0215L/R. Replace bridges.	1C950 2022-23	R/W: \$622 Con: \$34,640	PA&ED: \$2,200 PS&E: \$4,467 R/W Sup: \$100 Con Sup: \$4,900	Prior 20-21 20-21 22-23	PA&ED: 12/1/2020 R/W Cert: 12/15/2022 RTL: 3/15/2023 Begin Con: 11/1/2023
<i>Carryover</i>			Subtotal: \$35,262	\$11,667		
			Total Project Cost:	\$46,929		

SB1 Baseline Agreement Required

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	35,606.0	35,606.0	Square feet
Post Condition	35,606.0	0.0	0.0	35,606.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0215L	Poor	Good
Bridge No. 51-0215R	Poor	Good

05-Santa Barbara-154 R2.6 2391 0512000139	Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Replace bridge.	1C410 2021-22	R/W: \$200 Con: \$3,460	PA&ED: \$1,125 PS&E: \$2,050 R/W Sup: \$50 Con Sup: \$1,450	Prior Prior Prior 21-22	PA&ED: 1/15/2020 R/W Cert: 9/15/2021 RTL: 1/15/2022 Begin Con: 9/1/2022
<i>Carryover</i>			Subtotal: \$3,660	\$4,675		
			Total Project Cost:	\$8,335		

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

Primary Asset

(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2,573.0	0.0	2,573.0	Square feet
Post Condition	2,573.0	0.0	0.0	2,573.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 51-0076Y	Fair	Good
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V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-154 22.9/23.2 2392 0512000141	Near Lake Cachuma, at Cold Spring Canyon Bridge No. 51-0037. Install inspection access system below bridge and paint structure.	1C420 2020-21	R/W: \$50 Con: \$19,000	PA&ED: \$1,100 PS&E: \$1,500 R/W Sup: \$75 Con Sup: \$3,880	Prior Prior Prior 20-21	PA&ED: 11/9/2018 R/W Cert: 2/15/2020 RTL: 8/1/2020 Begin Con: 2/1/2021
<i>Carryover</i>			Subtotal: \$19,050	\$6,555		
			Total Project Cost:	\$25,605		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	41,549.0	0.0	41,549.0	Square feet
Post Condition	41,549.0	0.0	0.0	41,549.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0037	Fair	Good

05-Santa Barbara-154 R31.8/R32.1 2651 0516000075	In and near the city of Santa Barbara, from La Colina Road Undercrossing (UC) No. 51-0256 (PM R31.82) to Primavera Road UC No. 51-0257 (PM R32.07). Upgrade bridge railing and reconstruct abutment for bridge rehabilitation.	1H450 2021-22	R/W: \$3 Con: \$8,839	PA&ED: \$928 PS&E: \$2,135 R/W Sup: \$52 Con Sup: \$1,956	Prior Prior Prior 21-22	PA&ED: 4/29/2019 R/W Cert: 4/16/2021 RTL: 7/1/2021 Begin Con: 2/28/2022
<i>Carryover</i>			Subtotal: \$8,842	\$5,071		
			Total Project Cost:	\$13,913		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	10,807.0	10,807.0	Square feet
Post Condition	10,807.0	0.0	0.0	10,807.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0256	Poor	Good
Bridge No. 51-0257	Poor	Good

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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05-Santa Barbara-217 0.9/1.4 2386 0512000134 Carryover	Near Goleta, from 0.1 mile south to 0.4 mile north of San Jose Creek Bridge No. 51-0217. Replace bridge. (G13 Contingency)	1C360 2021-22	R/W: \$599	PA&ED: \$3,887	Prior	PA&ED: 10/30/2019
			* Con: \$27,435	PS&E: \$3,459	Prior	R/W Cert: 8/18/2021
				R/W Sup: \$156	Prior	RTL: 10/19/2021
				* Con Sup: \$6,782	21-22	Begin Con: 4/8/2022
			Subtotal: \$28,034	\$14,284		
			Total Project Cost:	\$42,318		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	22,434.0	22,434.0	Square feet
Post Condition	22,434.0	0.0	0.0	22,434.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0217	Poor	Good

05-Santa Barbara-1 15.6 1501Y 0518000097 Carryover	Near Lompoc, at the Salsipuedes Creek Bridge No. 51-0095. Biological monitoring mitigation for project 0A050.	0A051 2020-21	R/W:	PA&ED:	20-21	PA&ED: 11/2/2015 R/W Cert: 12/13/2017 RTL: 5/3/2021 Begin Con: 8/1/2021
			Con:	PS&E:		
				R/W Sup:		
				Con Sup: \$100		
			Subtotal:	\$100		
			Total Project Cost:	\$100		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 0 Bridge(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-1 M33.1 2563 0514000063	Near Lompoc, at San Antonio Creek Bridge No. 51-0237L/R. Bridge scour mitigation.	1F810 2021-22	R/W: \$83 Con: \$1,241	PA&ED: \$688 PS&E: \$1,692 R/W Sup: \$99 Con Sup: \$1,029	Prior Prior Prior 21-22	PA&ED: 6/24/2019 R/W Cert: 2/19/2021 RTL: 7/12/2021 Begin Con: 1/7/2022
<i>Carryover</i>			Subtotal: \$1,324	\$3,508		
			Total Project Cost:	\$4,832		

Program 201.111 Bridge Scour Mitigation
Project Output(s) 2 Bridge(s)

Primary Asset

(Scour)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	20,926.0	20,926.0	Square feet
Post Condition	20,926.0	0.0	0.0	20,926.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 51-0237L	Good	Good
Bridge No. 51-0237R	Good	Good

ROADWAY PRESERVATION

05-Santa Barbara-101 4.4/R7.7 2426A 0517000083	In and near Summerland, from 0.9 mile south of South Padaro Lane Undercrossing to 0.6 mile north of Padaro Lane Overcrossing. Rehabilitate roadway.	1C822 2020-21	R/W: \$410 Con: \$60,650	PA&ED: \$4,370 R/W Sup: \$290 Con Sup: \$12,490	Prior Prior 20-21	PA&ED: 6/4/2018 R/W Cert: 10/30/2020 RTL: 12/1/2020 Begin Con: 7/15/2021
<i>Carryover</i>			Subtotal: \$61,060	\$17,150		
			Total Project Cost:	\$78,210		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 11.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.9	10.6	0.0	11.5	Lane mile(s)
Post Condition	11.5	0.0	0.0	11.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 R52.3/R56.1 2902 0518000209	Near Buellton, from Old Coast Highway to south of Santa Rosa Road Overcrossing. Rehabilitate pavement and drainage systems.	1K450 2023-24	R/W: \$48 Con: \$17,312	PA&ED: \$1,312 PS&E: \$1,963 R/W Sup: \$189 Con Sup: \$2,088	20-21 22-23 22-23 23-24	PA&ED: 6/20/2022 R/W Cert: 2/23/2024 RTL: 3/22/2024 Begin Con: 9/19/2024
<i>New</i>			Subtotal: \$17,360	\$5,552		
			Total Project Cost:	\$22,912		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.2	13.2	0.0	14.4	Lane mile(s)
Post Condition	14.4	0.0	0.0	14.4	Lane mile(s)

05-Santa Barbara-135 11.7/17.8 2629 0516000008	In and near Santa Maria, from Lakeview Road to Route 101. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement, and place Rubberized Hot Mix Asphalt (RHMA) pavement.	1G970 2020-21	R/W: \$378 Con: \$14,372	PA&ED: PS&E: \$1,869 R/W Sup: \$1,832 Con Sup: \$2,396	Prior Prior 20-21	PA&ED: 6/16/2017 R/W Cert: 10/1/2020 RTL: 11/19/2020 Begin Con: 5/24/2021
<i>Carryover</i>			Subtotal: \$14,750	\$6,097		
			Total Project Cost:	\$20,847		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.7	0.8	24.5	Lane mile(s)
Post Condition	24.5	0.0	0.0	24.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-246 2632 0516000012 Carryover	In Lompoc, at combined segment of Route 246 and Route 1, on Route 246, from 0.3 mile west of V Street to H Street; also on Route 1, from H Street to 12th Street. Upgrade Americans with Disabilities Act (ADA) curb ramps, cold plane pavement and place Hot Mix Asphalt (HMA) pavement.	1H010 2021-22	R/W: \$350 Con: \$6,900	PA&ED: \$3,630 PS&E: \$2,460 R/W Sup: \$1,750 Con Sup: \$1,750	Prior Prior 21-22	PA&ED: 4/24/2017 R/W Cert: 10/25/2021 RTL: 12/15/2021 Begin Con: 7/27/2022
			Subtotal: \$7,250	\$7,840		
			Total Project Cost:	\$15,090		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 9.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.0	0.0	9.0	Lane mile(s)
Post Condition	9.0	0.0	0.0	9.0	Lane mile(s)

05-Santa Barbara-101 46.2/R52.3 2700 0517000002 Carryover	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, cold plane pavement, place Hot Mix Asphalt (HMA) and Rubberized Hot Mix Asphalt (RHMA) pavement. (G13 Contingency)	1H860 2021-22	R/W: \$21 * Con: \$59,218	PA&ED: \$2,160 PS&E: \$2,648 R/W Sup: \$74 * Con Sup: \$5,026	Prior Prior Prior 21-22	PA&ED: 3/16/2020 R/W Cert: 7/29/2021 RTL: 9/23/2021 Begin Con: 5/3/2022
			Subtotal: \$59,239	\$9,908		
			Total Project Cost:	\$69,147		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 28.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	7.4	21.0	0.0	28.4	Lane mile(s)
Post Condition	28.4	0.0	0.0	28.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Barbara-101 65.0/84.1 2918 0518000215	Near Los Alamos and Orcutt, from 1.8 miles north of Route 154 to 0.2 mile south of South Santa Maria Undercrossing. Rehabilitate drainage systems and lighting, and install Transportation Management System (TMS) elements.	1K510 2023-24	R/W: \$435 Con: \$4,566	PA&ED: \$1,478 PS&E: \$1,586 R/W Sup: \$214 Con Sup: \$1,629	20-21 22-23 22-23 23-24	PA&ED: 9/14/2022 R/W Cert: 5/6/2024 RTL: 5/6/2024 Begin Con: 11/21/2024
New			Subtotal: \$5,001 Total Project Cost:	\$4,907 \$9,908		

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	543.0	543.0	Linear feet
Post Condition	543.0	0.0	0.0	543.0	Linear feet

05-Santa Barbara-154 R0.0/32.8 2919 0518000216	In Santa Barbara County, at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.	1K520 2023-24	R/W: \$139 Con: \$10,398	PA&ED: \$1,926 PS&E: \$2,044 R/W Sup: \$558 Con Sup: \$2,342	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/11/2024 RTL: 5/1/2024 Begin Con: 12/18/2024
New			Subtotal: \$10,537 Total Project Cost:	\$6,870 \$17,407		

Program 201.151 Drainage System Restoration
Project Output(s) 12 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,401.0	2,401.0	Linear feet
Post Condition	2,401.0	0.0	0.0	2,401.0	Linear feet

V4.0 2020 SHOPP Project List
Santa Barbara
(\$1,000)



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

05-Santa Barbara-154 R5.8/R6.1 2674 0516000060	In Santa Ynez, from 0.2 mile east to 0.1 mile west of Edison Street/Baseline Avenue. Construct a roundabout to improve operations and safety.	1H310 2021-22	R/W: \$888	PA&ED: \$793	Prior 20-21 21-22	PA&ED: 2/7/2020 R/W Cert: 11/16/2021 RTL: 12/2/2021 Begin Con: 7/18/2022
			Con: \$6,827	PS&E: \$1,440		
			Subtotal: \$7,715	\$4,265		
<i>Carryover</i>			Total Project Cost:	\$11,980		

Program 201.310 Operational Improvements
Project Output(s) 10.0 Daily vehicle hour(s) of delay (DVHD)

Santa Barbara County

R/W: \$11,201	PA&ED: \$23,625
Const: \$350,673	PS&E: \$49,182
	R/W Sup: \$14,634
	Con Sup: \$69,912
Subtotal: \$361,874	\$157,353
Total (Capital + Support):	\$519,227

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



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

04-Santa Clara-9 6.0 1464D 0416000400	In Saratoga, north of Pierce Road (PM 5.97). Install Rock Slope Protection (RSP) and replace culvert.	2K280 2021-22	R/W: \$10 Con: \$1,264	PA&ED: \$130 PS&E: \$318 R/W Sup: \$36 Con Sup: \$315	Prior Prior Prior 21-22	PA&ED: 3/4/2020 R/W Cert: 7/28/2021 RTL: 8/4/2021 Begin Con: 5/2/2022
			Subtotal: \$1,274	\$799		
<i>Carryover</i>			Total Project Cost:	\$2,073		

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

04-Santa Clara-101 R0.8 1453B 0415000245	Near Gilroy, at Sargent Bridge and Overhead No. 39-0006L. Permanent restoration of roadway settlement and southern abutment wingwall movement.	4J030 2020-21	R/W: \$87 Con: \$1,381	PA&ED: \$650 PS&E: \$780 R/W Sup: \$52 Con Sup: \$650	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 1/8/2021 RTL: 2/1/2021 Begin Con: 6/15/2021
			Subtotal: \$1,468	\$2,132		
<i>Carryover</i>			Total Project Cost:	\$3,600		

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

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



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

04-Santa Clara-35 14.1/17.1 1462H 0419000296	Near Saratoga, from Route 9 Junction to San Mateo County line; also in San Mateo County near Woodside from the Santa Clara County line to Route 84 (PM 2.121/10.518). Install centerline rumble strips, curve signs, pavement markings with audible traffic stripe systems, optical speed bars, and high visibility striping.	0P48U 2021-22	R/W: \$20 Con: \$4,356	PA&ED: \$290 PS&E: \$825 R/W Sup: \$41 Con Sup: \$851	Prior Prior 20-21 21-22	PA&ED: 4/1/2020 R/W Cert: 7/14/2021 RTL: 8/2/2021 Begin Con: 2/9/2022
<i>Carryover</i>			Subtotal: \$4,376	\$2,007		
			Total Project Cost:	\$6,383		

Program 201.010 Safety Improvements
Project Output(s) 24 Collision(s) reduced

04-Santa Clara-Var 1492E 0416000049	On various routes, in various cities, at various locations. Replace pedestrian push-buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers and refresh crosswalk markings to enhance pedestrian safety.	0K080 2021-22	R/W: \$23 Con: \$9,111	PA&ED: \$939 PS&E: \$1,141 R/W Sup: \$36 Con Sup: \$1,304	Prior 20-21 21-22 21-22	PA&ED: 7/15/2020 R/W Cert: 3/2/2022 RTL: 3/15/2022 Begin Con: 9/13/2022
<i>Carryover</i>			Subtotal: \$9,134	\$3,420		
			Total Project Cost:	\$12,554		

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

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-9 1486A 0415000043 Carryover	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Relocate or shield existing electrical controller cabinets and install twenty-eight new Maintenance Vehicle Pullouts (MVPs).	2J950 2021-22	R/W: \$50 Con: \$6,924	PA&ED: \$1,300 PS&E: \$1,400 R/W Sup: \$45 Con Sup: \$1,600	Prior 20-21 20-21 21-22	PA&ED: 11/9/2020 R/W Cert: 2/25/2022 RTL: 3/14/2022 Begin Con: 9/12/2022
			Subtotal: \$6,974	\$4,345		
			Total Project Cost:	\$11,319		

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

04-Santa Clara-101 0.1/49.6 1495A 0416000053 New	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Upgrade guardrail transition railing.	0K110 2023-24	R/W: \$10 Con: \$10,343	PA&ED: \$1,127 PS&E: \$1,574 R/W Sup: \$70 Con Sup: \$1,702	20-21 21-22 21-22 23-24	PA&ED: 2/2/2022 R/W Cert: 11/2/2023 RTL: 12/1/2023 Begin Con: 8/2/2024
			Subtotal: \$10,353	\$4,473		
			Total Project Cost:	\$14,826		

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

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-152 11.2/R35.2 1452E 0417000025	Near Gilroy, from Llagas Creek Bridge to the Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway worker safety.	2K800 2021-22	R/W: \$10 Con: \$6,590	PA&ED: \$800 PS&E: \$1,000 R/W Sup: \$45 Con Sup: \$700	Prior Prior Prior 21-22	PA&ED: 8/31/2020 R/W Cert: 10/29/2021 RTL: 11/19/2021 Begin Con: 5/25/2022
Carryover			Subtotal: \$6,600	\$2,545		
			Total Project Cost:	\$9,145		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 88 Location(s)

04-Santa Clara-280 R0.0/L5.4 1492D 0416000024	In and near San Jose, from Route 101 to Route 17/880 Separation. Pave extended gore areas and narrow strips to improve highway worker safety.	4J960 2021-22	R/W: \$170 Con: \$3,835	PA&ED: \$780 PS&E: \$770 R/W Sup: \$62 Con Sup: \$503	Prior Prior 21-22 21-22	PA&ED: 6/1/2020 R/W Cert: 11/30/2021 RTL: 12/1/2021 Begin Con: 8/1/2022
Carryover			Subtotal: \$4,005	\$2,115		
			Total Project Cost:	\$6,120		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 39 Location(s)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



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

04-Santa Clara-82 18.2/26.4 1495G 0416000020	In Sunnyvale, Mountain View, Los Altos, and Palo Alto, from Knickerbocker Drive to San Mateo County line. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards. Replace pedestrian push buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers, and refresh crosswalk markings to enhance pedestrian safety.	0K010 2021-22	R/W: \$1,614 Con: \$7,793	PA&ED: \$1,300 PS&E: \$1,700 R/W Sup: \$706 Con Sup: \$1,713	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
<i>Carryover</i>			Subtotal: \$9,407	\$5,419		
			Total Project Cost:	\$14,826		
					Americans with Disabilities Act New Curb	
			Program	201.361	Ramps	
			Project Output(s)	2	Curb ramp(s)	

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

BRIDGE PRESERVATION

04-Santa Clara-9 4.9 0386F 0412000409	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	3G630 2021-22	R/W: \$6,779 Con: \$11,668	PA&ED: \$2,800 PS&E: \$4,200 R/W Sup: \$1,200 Con Sup: \$1,526	Prior Prior Prior 21-22	PA&ED: 10/15/2019 R/W Cert: 10/1/2021 RTL: 3/4/2022 Begin Con: 10/15/2022
<i>Carryover</i>			Subtotal: \$18,447	\$9,726		
			Total Project Cost:	\$28,173		
					Program	201.110 Bridge Major Rehabilitation
			Project Output(s)	1	Bridge(s)	

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,223.0	4,223.0	Square feet
Post Condition	4,223.0	0.0	0.0	4,223.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 37-0074	Fair	Good

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
04-Santa Clara-17 6.2/6.6 2021L 0418000031	In Los Gatos, at Santa Cruz Avenue Undercrossing No. 37-0124L (PM 6.16) and Main Street Overcrossing No. 37 -0117 (PM 6.55). Upgrade bridge rails.	0P970 2023-24	R/W: \$26 Con: \$4,879	PA&ED: \$675 PS&E: \$1,453 R/W Sup: \$17 Con Sup: \$1,471	20-21 21-22 21-22 23-24	PA&ED: 5/30/2022 R/W Cert: 11/30/2023 RTL: 12/29/2023 Begin Con: 6/30/2024	
New			Subtotal: \$4,905 Total Project Cost:	\$3,616 \$8,521			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,423.0 Linear feet
2 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,423.0	1,423.0	Linear feet rail
Post Condition	1,423.0	0.0	0.0	1,423.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 37-0117	Good	Good
Bridge No. 37-0124L	Good	Good

04-Santa Clara-82 R11.4/26.4 2021B 0418000032	In the cities of Santa Clara and Palo Alto, at De La Cruz Boulevard Overcrossing (OC) No. 37-0214 (PM R11.38), Mayfield Pedestrian Undercrossing (UC) No. 37-0091 (PM 24.15), University Avenue OC No. 37 -0092 (PM 25.88), and San Francisquito Creek Bridge No. 37-0018 (PM 26.36). Upgrade bridge rails at three locations and abandon the Mayfield Pedestrian UC.	0P980 2022-23	R/W: \$43 Con: \$1,922	PA&ED: \$638 PS&E: \$1,533 R/W Sup: \$30 Con Sup: \$1,031	20-21 21-22 21-22 22-23	PA&ED: 2/3/2022 R/W Cert: 3/31/2023 RTL: 5/1/2023 Begin Con: 11/1/2023
New			Subtotal: \$1,965 Total Project Cost:	\$3,232 \$5,197		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 646.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	646.0	646.0	Linear feet rail
Post Condition	646.0	0.0	0.0	646.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 37-0018	Fair	Fair
Bridge No. 37-0091	Good	Good
Bridge No. 37-0092	Good	Good
Bridge No. 37-0214	Fair	Fair

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-880 1.7/1.8 2023K 0418000290	In San Jose, at Park Avenue Overcrossing No. 37-0127 (PM 1.73). Upgrade bridge rails and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1Q520 2022-23	R/W: \$263 Con: \$1,539	PA&ED: \$418 PS&E: \$916 R/W Sup: \$57 Con Sup: \$529	20-21 21-22 21-22 22-23	PA&ED: 11/1/2021 R/W Cert: 2/1/2023 RTL: 3/1/2023 Begin Con: 9/1/2023
<i>New</i>			Subtotal: \$1,802	\$1,920		
			Total Project Cost:	\$3,722		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 398.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)

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

Bridge Health

Existing Condition Post Condition

Bridge No. 37-0127	Good	Good
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ROADWAY PRESERVATION

04-Santa Clara-82 19.2/26.4 1498F 0416000023	In Mountain View, Los Altos, and Palo Alto, from 0.05 mile north of Route 237 to Sand Hill Road. Pavement rehabilitation.	4J890 2021-22	R/W: \$360 * Con: \$22,885	PA&ED: \$888 PS&E: \$1,974 R/W Sup: \$99 * Con Sup: \$1,974	Prior 20-21 20-21 21-22	PA&ED: 4/30/2020 R/W Cert: 11/17/2021 RTL: 12/1/2021 Begin Con: 5/27/2022
<i>Carryover</i>	(G13 Contingency)		Subtotal: \$23,245	\$4,935		
			Total Project Cost:	\$28,180		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 43.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	10.3	32.7	43.0	Lane mile(s)
Post Condition	43.0	0.0	0.0	43.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Santa Clara-280 R0.0/R2.7 2023G 0418000279	In San Jose, from Route 680 to Route 87. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	1Q460 2022-23	R/W: \$41 Con: \$19,322	PA&ED: \$1,199 PS&E: \$2,307 R/W Sup: \$20 Con Sup: \$2,152	20-21 21-22 21-22 22-23	PA&ED: 3/1/2022 R/W Cert: 4/13/2023 RTL: 5/1/2023 Begin Con: 11/20/2023
New			Subtotal: \$19,363 Total Project Cost:	\$5,678 \$25,041		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	18.0	0.0	18.3	Lane mile(s)
Post Condition	18.3	0.0	0.0	18.3	Lane mile(s)

04-Santa Clara-87 0.0/6.1 1492C 0416000010	In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation. (G13 Contingency)	4J910 2021-22	R/W: \$304 * Con: \$55,263	PA&ED: \$2,767 PS&E: \$4,425 R/W Sup: \$50 * Con Sup: \$6,581	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 4/1/2022 RTL: 4/30/2022 Begin Con: 2/1/2023
Carryover			Subtotal: \$55,567 Total Project Cost:	\$13,823 \$69,390		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 29.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	14.1	15.3	29.5	Lane mile(s)
Post Condition	29.5	0.0	0.0	29.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation			Milestones
					FY	FY	FY	
04-Santa Clara-101 R18.7 2026C 0419000026	Near Morgan Hill, at Burnett Avenue and at Cochrane Road (PM R17.89); also in San Jose, on Route 680 at Alum Rock Avenue (PM M1.74). Upgrade pump plants and increase storm water storage at the Alum Rock pump plant.	2Q570 2022-23	R/W: \$10 Con: \$9,575	PA&ED: \$713 PS&E: \$2,021 R/W Sup: \$473 Con Sup: \$2,830	20-21 21-22 21-22 22-23		PA&ED: 10/4/2021 R/W Cert: 2/15/2023 RTL: 3/1/2023 Begin Con: 10/21/2023	
New			Subtotal: \$9,585 Total Project Cost:	\$6,037 \$15,622				

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

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3.0	3.0	Pump plant(s) (ea)
Post Condition	3.0	0.0	0.0	3.0	Pump plant(s) (ea)

04-Santa Clara-152 R16.8/R23.3 2020F 0418000039	Near Gilroy, from 1.9 miles east of Bloomfield Avenue to west of Casa De Frita Parkway at various locations. Rehabilitate drainage systems, upgrade guardrail, and pave roadside areas to prevent vegetation growth and enhance highway worker safety.	0Q050 2023-24	R/W: \$31 Con: \$4,213	PA&ED: \$977 PS&E: \$890 R/W Sup: \$9 Con Sup: \$1,020	20-21 21-22 21-22 23-24		PA&ED: 4/1/2022 R/W Cert: 10/2/2023 RTL: 11/1/2023 Begin Con: 7/1/2024
New			Subtotal: \$4,244 Total Project Cost:	\$2,896 \$7,140			

Program 201.151 Drainage System Restoration
Project Output(s) 5 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	100.0	137.6	131.2	368.8	Linear feet
Post Condition	368.8	0.0	0.0	368.8	Linear feet

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



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

04-Santa Clara-237 7.0/8.0 1492A 0416000060	In San Jose, in the eastbound direction from North First Street to Zanker Road. Construct auxiliary lane.	0K240 2021-22	R/W: \$255 Con: \$8,030	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$130 Con Sup: \$1,560	Prior Prior Prior 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$8,285	\$6,890		
			Total Project Cost:	\$15,175		

Program 201.310 Operational Improvements
Project Output(s) 521.0 Daily vehicle hour(s) of delay (DVHD)

04-Santa Clara-237 7.0/8.0 1492B 0416000061	In San Jose, in the westbound direction from Zanker Road to North First Street. Construct auxiliary lane.	0K250 2021-22	R/W: \$57,823 Con: \$13,819	PA&ED: \$3,120 PS&E: \$2,080 R/W Sup: \$481 Con Sup: \$1,750	Prior 20-21 20-21 21-22	PA&ED: 12/31/2020 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 2/1/2023
<i>Carryover</i>			Subtotal: \$71,642	\$7,431		
			Total Project Cost:	\$79,073		

SB1 Baseline Agreement Required

Program 201.310 Operational Improvements
Project Output(s) 332.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Santa Clara
(\$1,000)



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

04-Santa Clara-101	In the cities of San Jose, Santa Clara,	4J930	R/W: \$15	PA&ED: \$375	Prior	PA&ED: 10/10/2019
R26.4/46.4	and Sunnyvale, from Route 85 to	2021-22	Con: \$2,009	PS&E: \$500	Prior	R/W Cert: 5/27/2021
2020J	Route 237; also on Route 85 (PM			R/W Sup: \$63	Prior	RTL: 7/27/2021
0416000017	0.0/1.1) and Route 237 (PM 2.2/R4.9).			Con Sup: \$625	21-22	Begin Con: 2/18/2022
	Repair and modernized roadside		Subtotal: \$2,024			
Carryover	irrigation facilities.		Total Project Cost:		\$1,563	
					\$3,587	

Program 201.210 Highway Planting Restoration
Project Output(s) 12.0 Acre(s)

Santa Clara County

R/W: \$67,944	PA&ED: \$25,006
Const: \$206,721	PS&E: \$33,887
	R/W Sup: \$3,722
	Con Sup: \$32,387
Subtotal: \$274,665	\$95,002
Total (Capital + Support):	\$369,667

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



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

05-Santa Cruz-9 1.0 2874 0518000125	In and near the city of Santa Cruz, at north of Vernon Street; also at south of Glengary Road (PM 4.0). Construct sidehill viaducts, restore roadway and facilities, provide erosion control.	1K120 2021-22	R/W: \$46 Con: \$9,917	PA&ED: \$1,214 PS&E: \$3,851 R/W Sup: \$55 Con Sup: \$3,148	Prior 20-21 21-22	PA&ED: 3/24/2021 R/W Cert: 11/8/2021 RTL: 4/4/2022 Begin Con: 10/5/2022
<i>Carryover</i>			Subtotal: \$9,963	\$8,268		
			Total Project Cost:	\$18,231		

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

05-Santa Cruz-9 10.8 2847 0518000115	Near Brookdale, south of Western Avenue. Construct side hill viaduct extension with cutoff retaining wall, restore roadway and facilities, and install permanent erosion control.	1K060 2021-22	R/W: \$60 Con: \$3,280	PA&ED: \$756 PS&E: \$1,621 R/W Sup: \$95 Con Sup: \$1,098	Prior Prior Prior 21-22	PA&ED: 3/10/2020 R/W Cert: 7/1/2021 RTL: 7/1/2021 Begin Con: 10/27/2021
<i>Carryover</i>			Subtotal: \$3,340	\$3,570		
			Total Project Cost:	\$6,910		

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

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Cruz-9 20.0 2876 0518000126	Near Boulder Creek, 1.1 miles south of Route 236. Construct tieback wall, restore roadway and drainage facilities, and install permanent erosion control measures.	1K130 2020-21	R/W: \$11 Con: \$3,621	PA&ED: \$620 PS&E: \$1,916 R/W Sup: \$212 Con Sup: \$1,250	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 11/10/2020 RTL: 11/13/2020 Begin Con: 4/13/2021
<i>Carryover</i>			Subtotal: \$3,632	\$3,998		
			Total Project Cost:	\$7,630		

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

05-Santa Cruz-17 8.2 2852 0518000117	Near Scotts Valley, south of Sugarleaf Road. Stabilize eroded side cut slope by grading and dewatering.	1K070 2021-22	R/W: \$50 Con: \$4,271	PA&ED: \$721 PS&E: \$1,288 R/W Sup: \$75 Con Sup: \$1,033	Prior Prior Prior 21-22	PA&ED: 3/30/2020 R/W Cert: 7/14/2021 RTL: 12/31/2021 Begin Con: 8/12/2022
<i>Carryover</i>			Subtotal: \$4,321	\$3,117		
			Total Project Cost:	\$7,438		

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

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



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

05-Santa Cruz-9 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: \$271 Con: \$5,361	PA&ED: \$1,445 PS&E: \$2,377 R/W Sup: \$1,078 Con Sup: \$2,025	Prior 20-21 20-21 21-22	PA&ED: 8/3/2020 R/W Cert: 3/1/2022 RTL: 3/29/2022 Begin Con: 9/7/2022
<i>Carryover</i>			Subtotal: \$5,632	\$6,925		
			Total Project Cost:	\$12,557		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.0 Acre(s) treated/pollutant

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 meet Americans with Disabilities Act (ADA) standards.	1F620 2021-22	R/W: \$247 Con: \$3,205	PA&ED: \$1,621 PS&E: \$2,430 R/W Sup: \$376 Con Sup: \$1,776	Prior 20-21 20-21 21-22	PA&ED: 5/27/2020 R/W Cert: 2/23/2022 RTL: 4/1/2022 Begin Con: 10/4/2022
<i>Carryover</i>			Subtotal: \$3,452	\$6,203		
			Total Project Cost:	\$9,655		

Program 201.361 Americans with Disabilities Act New Curb Ramps
Project Output(s) 5 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	5.0	5.0	Each
Post Condition	5.0	0.0	0.0	5.0	Each

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



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

05-Santa Cruz-9 13.6/15.5 2655 0516000078	Near Boulder Creek, at San Lorenzo River Bridge No. 36-0052 (PM 13.61) and Kings Creek Bridge No. 36-0054 (PM 15.49). Replace bridges to maintain standards of safety and reliability. (G13 Contingency)	1H470 2021-22	R/W: \$660 * Con: \$11,928	PA&ED: \$2,692 PS&E: \$2,884 R/W Sup: \$888 * Con Sup: \$4,158	Prior Prior Prior 21-22	PA&ED: 8/24/2020 R/W Cert: 1/24/2022 RTL: 1/24/2022 Begin Con: 7/1/2022
<i>Carryover</i>			Subtotal: \$12,588	\$10,622		
			Total Project Cost:	\$23,210		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	1,615.0	2,454.0	4,069.0	Square feet
Post Condition	4,069.0	0.0	0.0	4,069.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 36-0052	Fair	Good
Bridge No. 36-0054	Poor	Good

05-Santa Cruz-1 13.3 2736 0516000079	In Capitola, at Soquel Creek Bridge No. 36-0013. Place Rock Slope Protection (RSP) to protect bridge foundation.	1H480 2021-22	R/W: \$546 Con: \$2,228	PA&ED: \$1,591 PS&E: \$1,370 R/W Sup: \$196 Con Sup: \$1,772	Prior Prior Prior 21-22	PA&ED: 12/31/2019 R/W Cert: 4/29/2021 RTL: 7/1/2021 Begin Con: 2/1/2022
<i>Carryover</i>			Subtotal: \$2,774	\$4,929		
			Total Project Cost:	\$7,703		

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

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	32,787.0	0.0	32,787.0	Square feet
Post Condition	32,787.0	0.0	0.0	32,787.0	Square feet

Bridge Health	Existing Condition	Post Condition
Bridge No. 36-0013	Fair	Good

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



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

05-Santa Cruz-129 L0.0/0.6 2775 0518000078	In and near Watsonville, from Route 1 to east of Blackburn Street. Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.	1J830 2023-24	R/W: \$641 Con: \$7,296	PA&ED: \$1,143 PS&E: \$2,292 R/W Sup: \$1,778 Con Sup: \$1,659	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 4/2/2024 RTL: 5/1/2024 Begin Con: 1/8/2025
New			Subtotal: \$7,937	\$6,872		
			Total Project Cost:	\$14,809		

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

Primary Asset

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

05-Santa Cruz-1 R0.0/R7.9 2926 0518000239	In and near Watsonville, from Monterey County line to north of Larkin Valley Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems and lighting, install Transportation Management System (TMS) elements, pave areas behind the gore and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety.	1K640 2023-24	R/W: \$20 Con: \$10,652	PA&ED: \$1,570 PS&E: \$2,456 R/W Sup: \$43 Con Sup: \$1,813	20-21 22-23 22-23 23-24	PA&ED: 10/24/2022 R/W Cert: 3/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
New			Subtotal: \$10,672	\$5,882		
			Total Project Cost:	\$16,554		

Program 201.151 Drainage System Restoration
Project Output(s) 27 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	45.1	776.6	2,167.8	2,989.5	Linear feet
Post Condition	2,989.5	0.0	0.0	2,989.5	Linear feet

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
05-Santa Cruz-1 8.2/26.0 2843 0518000093	In and near the cities of Capitola and Santa Cruz, from north of Larkin Valley Road Undercrossing to Laguna Road; also in Monterey County (PM R101.53). Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements.	1J960 2023-24	R/W: \$174 Con: \$14,389	PA&ED: \$2,206 PS&E: \$3,264 R/W Sup: \$779 Con Sup: \$3,209	20-21 22-23 22-23 23-24	PA&ED: 7/1/2022 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
<i>New</i>			Subtotal: \$14,563	\$9,458		
			Total Project Cost:	\$24,021		

Program 201.151 Drainage System Restoration
Project Output(s) 42 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	1,794.0	2,038.0	3,832.0	Linear feet
Post Condition	3,832.0	0.0	0.0	3,832.0	Linear feet

05-Santa Cruz-1 31.9/35.7 1967 0512000069	Near Davenport, from 1.4 miles north of Swanton Road to 0.6 mile south of Waddell Creek. Replace and upgrade existing Corrugated Metal Pipe (CMP) culverts with Reinforced Concrete Pipe (RCP) culverts.	0J200 2021-22	R/W: \$262 Con: \$8,205	PA&ED: \$964 PS&E: \$1,940 R/W Sup: \$344 Con Sup: \$1,365	Prior Prior Prior 21-22	PA&ED: 10/28/2019 R/W Cert: 4/12/2021 RTL: 8/12/2021 Begin Con: 9/17/2021
<i>Carryover</i>			Subtotal: \$8,467	\$4,613		
			Total Project Cost:	\$13,080		

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

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	680.0	680.0	Linear feet
Post Condition	680.0	0.0	0.0	680.0	Linear feet

V4.0 2020 SHOPP Project List
Santa Cruz
(\$1,000)



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

05-Santa Cruz-17 9.1/9.9 2593 0514000131	Near Scotts Valley, from 0.4 miles south of Laurel Road to 0.5 miles north of Laurel Road. Construct wildlife undercrossing. Funding for PA&ED, PS&E and R/W only. Local contributions to fund remaining components.	1G260 2020-21	R/W: \$138 Con:	PA&ED: \$738 PS&E: \$2,013 R/W Sup: \$226 Con Sup:	Prior Prior Prior	PA&ED: 5/29/2018 R/W Cert: 8/17/2020 RTL: 2/8/2021 Begin Con: 9/22/2021
<i>Carryover</i>			Subtotal: \$138	\$2,977		
			Total Project Cost:	\$3,115		

Program 201.240 Roadside Enhancement
Project Output(s) 1 Location(s)

Santa Cruz County

R/W:	\$3,126	PA&ED:	\$17,281
Const:	\$84,353	PS&E:	\$29,702
		R/W Sup:	\$6,145
		Con Sup:	\$24,306
Subtotal:	\$87,479		\$77,434
Total (Capital + Support):			\$164,913

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



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

02-Shasta-299 44.3/44.9 3742 0219000027	Near Redding, from 1.9 miles west to 1.3 miles west of Du Bois Road. Curve improvement.	4H930 2021-22	R/W: \$230 Con: \$6,835	PA&ED: \$1,310 PS&E: \$1,290 R/W Sup: \$280 Con Sup: \$1,990	Prior 20-21 20-21 21-22	PA&ED: 12/15/2020 R/W Cert: 12/15/2021 RTL: 2/9/2022 Begin Con: 6/7/2022
			Subtotal: \$7,065	\$4,870		
<i>Carryover</i>			Total Project Cost:	\$11,935		

Program 201.010 Safety Improvements
Project Output(s) 38 Collision(s) reduced

MANDATES

02-Shasta-273 14.9/15.7 3626 0216000033	In Redding, from 0.1 mile north of South Redding Underpass to 0.1 mile north of California Street. Construct Americans with Disabilities Act (ADA) compliant ramps and sidewalks.	1H720 2021-22	R/W: \$402 Con: \$2,400	PA&ED: PS&E: \$1,200 R/W Sup: \$750 Con Sup: \$1,050	Prior Prior 21-22	PA&ED: 9/30/2016 R/W Cert: 7/9/2021 RTL: 8/13/2021 Begin Con: 2/4/2022
			Subtotal: \$2,802	\$3,000		
<i>Carryover</i>			Total Project Cost:	\$5,802		

Americans with Disabilities Act Pedestrian
Program 201.378 Infrastructure
Project Output(s) 19 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	15.0	15.0	Each
Post Condition	19.0	0.0	0.0	19.0	Each

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



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

02-Shasta-5	Near Shasta Lake City, from north of	3H680	R/W: \$54	PA&ED: \$890	20-21	PA&ED: 10/6/2021
R28.8/R44.1	Pit River Bridge to 1.8 miles north of	2022-23	Con: \$25,540	PS&E: \$1,090	21-22	R/W Cert: 12/16/2022
3699	Riverview Drive Undercrossing.			R/W Sup: \$80	21-22	RTL: 3/3/2023
0218000006	Rehabilitate pavement, upgrade			Con Sup: \$3,650	22-23	Begin Con: 7/5/2023
	guardrail and Transportation		Subtotal: \$25,594	\$5,710		
New	Management System (TMS) elements,		Total Project Cost:	\$31,304		
	and replace signs.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 59.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	58.4	0.6	59.0	Lane mile(s)
Post Condition	59.0	0.0	0.0	59.0	Lane mile(s)

02-Shasta-89	Near Burney, from north of Route 299	4H780	R/W: \$233	PA&ED: \$490	20-21	PA&ED: 5/2/2022
22.0/30.6	to 1.4 miles north of Lake Britton	2023-24	Con: \$8,350	PS&E: \$660	22-23	R/W Cert: 7/3/2023
3737	Bridge. Rehabilitate pavement,			R/W Sup: \$90	22-23	RTL: 7/28/2023
0219000004	construct Maintenance Vehicle			Con Sup: \$630	23-24	Begin Con: 12/26/2023
	Pullouts (MVPs), replace guardrail		Subtotal: \$8,583	\$1,870		
New	and signs, and rehabilitate drainage		Total Project Cost:	\$10,453		
	systems.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	20.7	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Shasta
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Shasta-299 24.1/30.3 2711 0218000080	In and near Redding, from Route 299 to east of Hootenanny Lane; also on Route 173 from 0.1 mile south to 0.1 mile north of Lake Boulevard (PM 18.5/18.7). Rehabilitate pavement, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, upgrade Transportation Management System (TMS) elements, and rehabilitate drainage systems.	4H050 2022-23	R/W: \$289 Con: \$19,780	PA&ED: \$850 PS&E: \$900 R/W Sup: \$330 Con Sup: \$1,770	20-21 21-22 21-22 22-23	PA&ED: 9/1/2021 R/W Cert: 12/1/2022 RTL: 1/26/2023 Begin Con: 5/30/2023
New			Subtotal: \$20,069	\$3,850		
			Total Project Cost:	\$23,919		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	20.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.4	0.0	20.4	Lane mile(s)
Post Condition	20.4	0.0	0.0	20.4	Lane mile(s)

02-Shasta-299 67.8/77.8 3618 0216000036	Near Burney, from 2.6 miles east of Carberry Flat Road to 0.3 mile east of Burney Mountain Power Road. Rehabilitate pavement, upgrade guardrail, and make curbs Americans with Disabilities Act (ADA) compliant.	1H570 2021-22	R/W: \$436 Con: \$11,165	PA&ED: \$1,430 PS&E: \$1,300 R/W Sup: \$1,020 Con Sup: \$2,430	Prior 20-21 Prior 21-22	PA&ED: 9/8/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/30/2022
Carryover			Subtotal: \$11,601	\$6,180		
			Total Project Cost:	\$17,781		
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	21.4 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.4	0.0	21.4	Lane mile(s)
Post Condition	21.4	0.0	0.0	21.4	Lane mile(s)

Shasta County

R/W:	\$1,644	PA&ED:	\$4,970
Const:	\$74,070	PS&E:	\$6,440
		R/W Sup:	\$2,550
		Con Sup:	\$11,520
Subtotal:	\$75,714		\$25,480
Total (Capital + Support):			\$101,194

V4.0 2020 SHOPP Project List
Sierra
(\$1,000)



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

03-Sierra-80	Near Truckee and Floriston, from 1.3	2H010	R/W: \$80	PA&ED: \$370	Prior	PA&ED: 11/1/2019
1.3/1.6	miles east of the Nevada County line	2021-22	Con: \$5,100	PS&E: \$860	Prior	R/W Cert: 10/1/2021
7926	to the Nevada State line. Stabilize			R/W Sup: \$210	Prior	RTL: 10/8/2021
0317000045	cut-slope erosion and prevent rockfall			Con Sup: \$900	21-22	Begin Con: 4/1/2022
	by flattening the slope or installing a		Subtotal: \$5,180			
Carryover	drapery system, concrete barrier, and		Total Project Cost:			\$7,520
	drainage gutter.					

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Sierra County

R/W:	\$80	PA&ED:	\$370
Const:	\$5,100	PS&E:	\$860
		R/W Sup:	\$210
		Con Sup:	\$900
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Subtotal:	\$5,180		\$2,340
Total (Capital + Support):			\$7,520

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



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

02-Siskiyou-5 0.0/R69.2 3507 0213000002	In and near various cities, at various locations, from Shasta County line to Oregon State line (PM R69.293). Enhance traffic safety by improving the roadside clear recovery zone.	4F520 2021-22	R/W: \$95 Con: \$3,540	PA&ED: \$1,000 PS&E: \$1,000 R/W Sup: \$200 Con Sup: \$1,250	Prior 20-21 21-22	PA&ED: 2/18/2020 R/W Cert: 2/19/2021 RTL: 7/7/2021 Begin Con: 8/31/2021
			Subtotal: \$3,635	\$3,450		
<i>Carryover</i>			Total Project Cost:	\$7,085		

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

02-Siskiyou-5 R25.4/R25.9 3657 0216000114	Near Weed, from 0.2 mile south to 0.3 mile north of Weed Airport Safety Roadside Rest Area (SRRA). Upgrade wastewater and water systems.	2H130 2020-21	R/W: \$11 Con: \$1,663	PA&ED: \$260 PS&E: \$770 R/W Sup: \$30 Con Sup: \$680	Prior Prior Prior 20-21	PA&ED: 10/16/2019 R/W Cert: 8/12/2020 RTL: 9/16/2020 Begin Con: 4/14/2021
			Subtotal: \$1,674	\$1,740		
<i>Carryover</i>			Total Project Cost:	\$3,414		

Program 201.235 Roadside Safety Improvements/Freeway Maintenance Access
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-96 60.8/93.8 3732 0219000001	Near Seiad Valley, from east of Ladd Road to 0.7 mile east of Empire Creek Bridge at various locations. Improve highway worker safety by paving Maintenance Vehicle Pullouts (MVPs), stabilize slopes to prevent sediment runoff, and install new traction sand trap at the Seiad Valley Maintenance Station.	4H660 2022-23	R/W: \$132 Con: \$4,470	PA&ED: \$1,110 PS&E: \$910 R/W Sup: \$670 Con Sup: \$1,000	20-21 21-22 21-22 22-23	PA&ED: 3/9/2022 R/W Cert: 4/3/2023 RTL: 5/4/2023 Begin Con: 11/9/2023
New			Subtotal: \$4,602 Total Project Cost:	\$3,690 \$8,292		
					Program 201.235	Roadside Safety Improvements/Freeway Maintenance Access
					Project Output(s)	104 Location(s)

BRIDGE PRESERVATION

02-Siskiyou-3 38.0/38.6 3546 0214000013	North of Fort Jones, from 0.3 mile south to 0.3 mile north of West Moffett Creek Road at Moffett Creek Bridge No. 02-0042. Bridge replacement.	4G440 2020-21	R/W: \$237 Con: \$6,990	PA&ED: \$1,340 PS&E: \$700 R/W Sup: \$80 Con Sup: \$1,540	Prior Prior Prior 20-21	PA&ED: 8/29/2019 R/W Cert: 7/31/2020 RTL: 8/28/2020 Begin Con: 2/26/2021
Carryover			Subtotal: \$7,227 Total Project Cost:	\$3,660 \$10,887		
					Program 201.110	Bridge Major Rehabilitation
					Project Output(s)	1 Bridge(s)

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3,100.0	0.0	3,100.0	Square feet
Post Condition	4,400.0	0.0	0.0	4,400.0	Square feet
<u>Bridge Health</u>	<u>Existing Condition</u>		<u>Post Condition</u>		
Bridge No. 02-0042	Fair		Good		

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-5 2.5/3.0 3614 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: \$269 Con: \$14,350	PA&ED: \$1,440 PS&E: \$2,660 R/W Sup: \$450 Con Sup: \$3,480	Prior Prior Prior 21-22	PA&ED: 4/15/2020 R/W Cert: 12/21/2021 RTL: 1/21/2022 Begin Con: 7/25/2022
Carryover	This is a Construction Manager/General Contractor (CMGC) project.		Subtotal: \$14,619	\$8,030		
			Total Project Cost:	\$22,649		

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

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45,241.0	0.0	45,241.0	Square feet
Post Condition	45,241.0	0.0	0.0	45,241.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0002	Fair	Good

02-Siskiyou-5 R8.3 3631 0216000042	Near Mt. Shasta, at Azalea Road Overcrossing No. 02-0126. Rehabilitate bridge.	1H400 2020-21	R/W: \$50 Con: \$1,851	PA&ED: \$320 PS&E: \$750 R/W Sup: \$40 Con Sup: \$710	Prior Prior Prior 20-21	PA&ED: 10/7/2019 R/W Cert: 9/25/2020 RTL: 10/26/2020 Begin Con: 4/10/2021
Carryover			Subtotal: \$1,901	\$1,820		
			Total Project Cost:	\$3,721		

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

<u>Primary Asset</u> <u>(Bridge Health)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8,945.0	0.0	8,945.0	Square feet
Post Condition	8,945.0	0.0	0.0	8,945.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0126	Fair	Good

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY	FY	
02-Siskiyou-96 43.4/57.0 3620 0216000025	Near Happy Camp, from 0.9 mile west to 0.4 mile west of Gordons Ferry Road at Cade Creek (PM 43.4/43.8); also near Seiad Valley at Portuguese Creek (PM 57.0). Replace deteriorated large-diameter culverts with natural-bottom structures, reduce fish passage barriers, and adjust new approaches.	1H590 2023-24	R/W: \$48 Con: \$6,760	PA&ED: \$1,720 PS&E: \$2,740 R/W Sup: \$160 Con Sup: \$2,840	Prior 21-22 21-22 23-24		PA&ED: 9/7/2021 R/W Cert: 12/29/2023 RTL: 1/29/2024 Begin Con: 7/2/2024
Carryover			Subtotal: \$6,808 Total Project Cost:	\$7,460 \$14,268			

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	0.0	0.0	Square feet
Post Condition	5,625.0	0.0	0.0	5,625.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-xxxx		Good
Bridge No. 02-xxxx		Good

02-Siskiyou-96 76.8/78.0 3629 0216000040	Near Horse Creek, at Horse Creek Bridge No. 02-0117, from 0.4 mile west of Klamath River Bridge to 2.0 miles west of Kohl Creek. Replace bridge on new alignment to correct scour critical conditions, improve safety, and reduce operational deficiencies.	1H360 2023-24	R/W: \$993 Con: \$19,760	PA&ED: \$2,640 PS&E: \$2,810 R/W Sup: \$830 Con Sup: \$4,300	Prior 21-22 21-22 23-24		PA&ED: 9/1/2021 R/W Cert: 3/1/2023 RTL: 10/2/2023 Begin Con: 4/26/2024
Carryover			Subtotal: \$20,753 Total Project Cost:	\$10,580 \$31,333			

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

**Primary Asset
(Scour)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,572.0	12,572.0	Square feet
Post Condition	12,572.0	0.0	0.0	12,572.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 02-0117	Fair	Good

V4.0 2020 SHOPP Project List
Siskiyou
 (\$1,000)



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

02-Siskiyou-3 R46.8/R48.0 3643 0217000009	In Yreka, from 0.4 mile north of Laura Lane to Juniper Drive; also on Route 263, from Route 3 to 1.0 mile south of Long Gulch Road (PM 49.07/49.41).	1H520 2021-22	R/W: \$1,482 * Con: \$52,950	PA&ED: \$1,830 PS&E: \$2,200 R/W Sup: \$5,880 * Con Sup: \$9,650	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 3/7/2022 RTL: 3/21/2022 Begin Con: 7/21/2022
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Carryover
 Reconstruct pavement structural section, replace sidewalk, driveways, curb ramps and pedestrian signals to meet current Americans with Disabilities Act (ADA) standards, designate bikeways with new signage and pavement delineation. This is a Construction Manager/General Contractor (CMGC) project.

Subtotal: \$54,432 \$19,560
Total Project Cost: \$73,992

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

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 13.0 Lane mile(s)

Primary Asset

(G13 Contingency)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	8.8	4.2	13.0	Lane mile(s)
Post Condition	13.0	0.0	0.0	13.0	Lane mile(s)

02-Siskiyou-5 R25.2/R38.6 3697 0218000004	Near Weed, from North Edgewood Overhead to north of Grenada Overcrossing. Rehabilitate pavement, replace signs, add lighting, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems.	3H650 2022-23	R/W: \$235 Con: \$20,350	PA&ED: \$2,270 PS&E: \$1,890 R/W Sup: \$40 Con Sup: \$3,250	20-21 21-22 21-22 22-23	PA&ED: 10/15/2021 R/W Cert: 11/3/2022 RTL: 12/1/2022 Begin Con: 4/27/2023
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New

Subtotal: \$20,585 \$7,450
Total Project Cost: \$28,035

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 53.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	53.0	0.0	53.0	Lane mile(s)
Post Condition	53.0	0.0	0.0	53.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Siskiyou-97 45.0/54.1 3712 0218000067	In and near Dorris, from south of Sams Neck Road to Oregon State line (PM 45.0/54.089). Rehabilitate pavement and upgrade facilities to meet Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	4H000 2022-23	R/W: \$188 Con: \$10,700	PA&ED: \$920 PS&E: \$900 R/W Sup: \$500 Con Sup: \$1,120	20-21 21-22 21-22 22-23	PA&ED: 11/3/2021 R/W Cert: 2/2/2023 RTL: 3/22/2023 Begin Con: 9/12/2023
New			Subtotal: \$10,888 Total Project Cost:	\$3,440 \$14,328		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 20.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.6	19.4	0.0	20.0	Lane mile(s)
Post Condition	20.0	0.0	0.0	20.0	Lane mile(s)

02-Siskiyou-5 2.7/R15.9 3685 0217000097	In and near Dunsmuir and Mt. Shasta, from Sacramento River Bridge Overhead to Black Butte Overhead. Roadway rehabilitation. This is a Construction Manager/General Contractor (CMGC) project.	3H320 2021-22	R/W: \$135 * Con: \$116,040	PA&ED: \$1,620 PS&E: \$5,090 R/W Sup: \$80 * Con Sup: \$12,860	Prior 20-21 20-21 21-22	PA&ED: 10/2/2020 R/W Cert: 10/4/2021 RTL: 3/10/2022 Begin Con: 9/27/2022
Carryover	(G13 Contingency)		Subtotal: \$116,175 Total Project Cost:	\$19,650 \$135,825		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 25.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2.4	23.0	0.0	25.4	Lane mile(s)
Post Condition	25.4	0.0	0.0	25.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Siskiyou
(\$1,000)



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

02-Siskiyou-3 L47.4 3644 0217000013	In Yreka, at the Yreka Maintenance Station. Construct new mechanic shop.	1H710 2023-24	R/W: \$8 Con: \$4,490	PA&ED: \$760 PS&E: \$1,290 R/W Sup: \$50 Con Sup: \$1,910	20-21 21-22 21-22 23-24	PA&ED: 12/27/2021 R/W Cert: 12/27/2022 RTL: 7/7/2023 Begin Con: 12/12/2023
			Subtotal: \$4,498	\$4,010		
New			Total Project Cost:	\$8,508		

Program 201.351 Equipment Facilities
Project Output(s) 1 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,300.0	6,300.0	Square feet
Post Condition	6,300.0	0.0	0.0	6,300.0	Square feet

Siskiyou County

R/W:	\$3,883	PA&ED:	\$17,230
Const:	\$263,914	PS&E:	\$23,710
		R/W Sup:	\$9,010
		Con Sup:	\$44,590
Subtotal:		\$267,797	\$94,540
Total (Capital + Support):		\$362,337	

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



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

04-Solano-Var	In Solano County on Routes 12, 29, 37, 80, 113, 505, and 780 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signal (APS) systems and countdown timers and upgrading crosswalk markings.	0K100 2023-24	R/W: \$20 Con: \$3,263	PA&ED: \$390 PS&E: \$555 R/W Sup: \$22 Con Sup: \$950	20-21 22-23 22-23 23-24	PA&ED: 9/30/2022 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 1/20/2025
1493H 0416000050						
New			Subtotal: \$3,283	\$1,917		
			Total Project Cost:	\$5,200		

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

04-Solano-Var	In Solano County, on Routes 29, 37, 80, and 780 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems and upgrading crosswalk markings.	0P760 2023-24	R/W: \$98 Con: \$5,963	PA&ED: \$604 PS&E: \$840 R/W Sup: \$65 Con Sup: \$1,006	20-21 21-22 21-22 23-24	PA&ED: 5/2/2022 R/W Cert: 1/8/2024 RTL: 2/5/2024 Begin Con: 9/2/2024
1464J 0417000518						
New			Subtotal: \$6,061	\$2,515		
			Total Project Cost:	\$8,576		

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

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



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

04-Solano-Var 2030D 0419000035	In Solano County, on various routes at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Vallejo Flood and Wastewater District.	2Q660 2022-23	R/W: Con: \$5,000	PA&ED: PS&E: R/W Sup: Con Sup:	\$271 20-21	PA&ED: R/W Cert: RTL: Begin Con:
			Subtotal: \$5,000	\$271		
			Total Project Cost:	\$5,271		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 113.1 Acre(s) treated/pollutant			

04-Solano-80 R11.3/38.0 2026G 0418000049	In and near Fairfield, Vacaville, and Dixon, from Red Top Road to Route 113 at various locations; also on Route 680 near Benicia and Fairfield, from Contra Costa County line to Route 80 (PM R0.0R/13.0) at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture. (Design-Build)	0Q190 2022-23	R/W: \$69 Con: \$4,980	PA&ED: \$1,009 PS&E: \$1,534 R/W Sup: \$21 Con Sup: \$2,387	20-21 21-22 21-22 22-23	PA&ED: 4/1/2022 R/W Cert: 3/1/2023 RTL: 3/31/2023 Begin Con: 10/24/2023
			Subtotal: \$5,049	\$4,951		
			Total Project Cost:	\$10,000		
			Program 201.335 Storm Water Mitigation			
			Project Output(s) 23.0 Acre(s) treated/pollutant			

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



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

04-Solano-128 0.7 2024F 0418000297	Near Winters, at Putah Creek Bridge No. 23-0099 (PM 0.72). Rehabilitate bridges by upgrading bridge rails and overlying bridge deck.	1Q570 2023-24	R/W: \$60 Con: \$4,587	PA&ED: \$801 PS&E: \$1,936 R/W Sup: \$140 Con Sup: \$1,506	20-21 22-23 22-23 23-24	PA&ED: 8/1/2022 R/W Cert: 1/25/2024 RTL: 2/1/2024 Begin Con: 9/9/2024
			Subtotal: \$4,647	\$4,383		
New			Total Project Cost:	\$9,030		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 489.0 Linear feet
1 Bridge(s)

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	489.0	489.0	Linear feet rail
Post Condition	489.0	0.0	0.0	489.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 23-0099	Good	Good

04-Solano-80 34.5 0480N 0414000017	In and near Dixon and Vacaville, at McCune Creek Bridge No. 23 -0084L/R; also on Route 505 at Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0J600 2020-21	R/W: \$715 Con: \$4,317	PA&ED: \$990 PS&E: \$880 R/W Sup: \$66 Con Sup: \$1,773	Prior Prior Prior 20-21	PA&ED: 3/22/2019 R/W Cert: 9/21/2020 RTL: 9/25/2020 Begin Con: 4/14/2021
			Subtotal: \$5,032	\$3,709		
Carryover			Total Project Cost:	\$8,741		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 3 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	12,528.0	1,216.0	11,646.0	25,390.0	Square feet
Post Condition	25,390.0	0.0	0.0	25,390.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 23-0077L	Poor	Good
Bridge No. 23-0084L	Fair	Good
Bridge No. 23-0084R	Fair	Good

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-84 2.5 0480D 0413000081	Near Rio Vista, at the Cache Slough Ferry Crossing. Upgrade the existing fender systems, concrete ramps, and swing gate systems, modify the ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS).	4H060 2021-22	R/W: \$350 Con: \$12,630	PA&ED: \$2,080 PS&E: \$2,080 R/W Sup: \$260 Con Sup: \$2,080	Prior 20-21 20-21 21-22	PA&ED: 4/1/2021 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/19/2022
Carryover			Subtotal: \$12,980	\$6,500		
			Total Project Cost:	\$19,480		

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

Primary Asset (Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	3,305.0	3,305.0	Square feet
Post Condition	3,305.0	0.0	0.0	3,305.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 23-0034	Fair	Good

ROADWAY PRESERVATION

04-Solano-12 20.6/26.4 0480P 0414000020	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation.	0J630 2021-22	R/W: \$2,983 * Con: \$73,200	PA&ED: \$5,780 PS&E: \$5,780 R/W Sup: \$2,890 * Con Sup: \$11,560	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 1/1/2022 RTL: 2/1/2022 Begin Con: 8/1/2022
Carryover	(G13 Contingency)		Subtotal: \$76,183	\$26,010		
			Total Project Cost:	\$102,193		

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

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 9.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.7	0.0	9.7	Lane mile(s)
Post Condition	9.7	0.0	0.0	9.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-29 0.0/6.0 2027C 0419000021	In Vallejo, from Route 80 to Napa County line (PM 0.0/5.955). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2Q520 2022-23	R/W: \$200 Con: \$24,059	PA&ED: \$1,571 PS&E: \$2,608 R/W Sup: \$231 Con Sup: \$3,416	20-21 21-22 21-22 22-23	PA&ED: 4/4/2022 R/W Cert: 6/12/2023 RTL: 6/19/2023 Begin Con: 1/29/2024
New			Subtotal: \$24,259	\$7,826		
			Total Project Cost:	\$32,085		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 24.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.4	0.0	24.4	Lane mile(s)
Post Condition	24.4	0.0	0.0	24.4	Lane mile(s)

04-Solano-80 15.0/30.7 1494F 0416000112	In and near Fairfield and Vacaville, from 1.5 miles east of Suisun Valley Road/Pittman Road to 0.8 mile east of Leisure Town Road/Vaca Valley Parkway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	0K640 2023-24	R/W: \$25 Con: \$25,043	PA&ED: \$1,276 PS&E: \$1,456 R/W Sup: \$29 Con Sup: \$4,064	20-21 21-22 21-22 23-24	PA&ED: 4/4/2022 R/W Cert: 9/4/2023 RTL: 10/2/2023 Begin Con: 4/1/2024
New			Subtotal: \$25,068	\$6,825		
			Total Project Cost:	\$31,893		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 28.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	28.0	28.0	Lane mile(s)
Post Condition	28.0	0.0	0.0	28.0	Lane mile(s)

V4.0 2020 SHOPP Project List
Solano
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Solano-12 7.9/14.1 2027D 0419000024	Near Suisun City, from 0.5 mile west of Walters Road to 0.5 mile west of Lambie Road/Shiloh Road. Rehabilitate roadway and upgrade guardrail.	2Q550 2023-24	R/W: \$10 Con: \$23,478	PA&ED: \$2,136 PS&E: \$3,198 R/W Sup: \$68 Con Sup: \$3,493	20-21 22-23 22-23 23-24	PA&ED: 10/3/2022 R/W Cert: 4/1/2024 RTL: 5/1/2024 Begin Con: 11/1/2024
New			Subtotal: \$23,488	\$8,895		
			Total Project Cost:	\$32,383		

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 12.9 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.3	12.6	0.0	12.9	Lane mile(s)
Post Condition	12.9	0.0	0.0	12.9	Lane mile(s)

Solano County

R/W:	\$4,530	PA&ED:	\$16,908
Const:	\$186,520	PS&E:	\$20,867
		R/W Sup:	\$3,792
		Con Sup:	\$32,235
Subtotal:	\$191,050		\$73,802
Total (Capital + Support):			\$264,852

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



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

04-Sonoma-1 15.1/15.7 0748E 0400000129	Near Carmet, from 0.1 mile to 0.7 mile north of Calle Del Sol. Realign roadway near Gleason Beach.	0A020 2020-21	R/W: \$15,398 Con: \$35,824	PA&ED: PS&E: \$1,800 R/W Sup: \$500 Con Sup: \$5,000	Prior Prior 20-21	PA&ED: 6/30/2016 R/W Cert: 12/4/2020 RTL: 12/15/2020 Begin Con: 7/1/2021
			Subtotal: \$51,222	\$7,300		
<i>Carryover</i>			Total Project Cost:	\$58,522		

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

04-Sonoma-1 26.7/27.0 0482T 0413000433	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slipouts.	0J300 2020-21	R/W: \$215 Con: \$13,856	PA&ED: \$2,106 PS&E: \$2,496 R/W Sup: \$208 Con Sup: \$2,288	Prior Prior Prior 20-21	PA&ED: 6/30/2020 R/W Cert: 9/15/2020 RTL: 6/30/2021 Begin Con: 12/15/2021
			Subtotal: \$14,071	\$7,098		
<i>Carryover</i>			Total Project Cost:	\$21,169		

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

V4.0 2020 SHOPP Project List
Sonoma
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY		Milestones
04-Sonoma-101 9.0 0481G 0419000576	Near Petaluma, north of Pepper Road. Environmental mitigation for project EA 0J100.	0J101 2020-21	R/W: Con:	PA&ED: PS&E: R/W Sup: Con Sup:	\$140	20-21	PA&ED: R/W Cert: RTL: 9/15/2020 Begin Con: 3/9/2021
<i>Carryover</i>							
				Subtotal:	\$140		
				Total Project Cost:	\$140		

Program 201.131 Permanent Restoration
Project Output(s) 0 Location(s)

04-Sonoma-101 R38.3/R41.4 1459C 0416000407	Near Healdsburg, from south of Lytton Springs Road to South Geyserville Avenue. Rehabilitate or replace damaged drainage systems at two locations.	2K330 2021-22	R/W: \$240 Con: \$4,323	PA&ED: \$824 PS&E: \$645 R/W Sup: \$118 Con Sup: \$650	Prior 20-21 20-21 21-22		PA&ED: 1/15/2021 R/W Cert: 5/1/2022 RTL: 6/1/2022 Begin Con: 12/15/2022
<i>Carryover</i>							
				Subtotal:	\$4,563	\$2,237	
				Total Project Cost:	\$6,800		

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

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 R55.8 1462P 0416000409	Near Cloverdale, at 0.4 mile south of the Mendocino County line. Restore slope, rebuild damaged gutter and install erosion control measures.	2K350 2021-22	R/W: \$225 Con: \$2,620	PA&ED: \$840 PS&E: \$413 R/W Sup: \$128 Con Sup: \$459	Prior 20-21 20-21 21-22	PA&ED: 6/1/2020 R/W Cert: 7/1/2021 RTL: 9/1/2021 Begin Con: 3/9/2022
<i>Carryover</i>			Subtotal: \$2,845	\$1,840		
			Total Project Cost:	\$4,685		

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

04-Sonoma-116 9.6 1464F 0416000410	Near Monte Rio, at 0.2 mile west of Cnopius Road. Repair unstable slope by constructing a retaining wall.	2K360 2022-23	R/W: \$384 Con: \$5,980	PA&ED: \$1,775 PS&E: \$1,883 R/W Sup: \$204 Con Sup: \$1,441	Prior 21-22 21-22 22-23	PA&ED: 12/1/2021 R/W Cert: 4/1/2023 RTL: 5/1/2023 Begin Con: 9/30/2023
<i>Carryover</i>			Subtotal: \$6,364	\$5,303		
			Total Project Cost:	\$11,667		

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

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 9.7/10.3 2021D 0417000267	Near Schellville, from 0.2 mile to 0.8 mile north of Ramal Road. Restore structural integrity of the existing roadway by injecting polyurethane to densify the soil below and minimizing future settlement, grind and replace asphalt concrete, and rehabilitate drainage systems.	4K140 2022-23	R/W: \$11 Con: \$4,040	PA&ED: \$528 PS&E: \$941 R/W Sup: \$31 Con Sup: \$668	Prior 20-21 20-21 22-23	PA&ED: 5/3/2021 R/W Cert: 9/5/2022 RTL: 10/3/2022 Begin Con: 5/22/2023
<i>Carryover</i>			Subtotal: \$4,051	\$2,168		
			Total Project Cost:	\$6,219		

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

COLLISION REDUCTION

04-Sonoma-12 1492G 0416000045	In Sonoma County, on Routes 12 and 116 at various locations; also in Marin County, on Routes 1 and 131 at various locations; and in Napa County on Routes 29 and 121 at various locations. Install hybrid beacons, stop and yield lines, crosswalks and bulb-outs, and upgrade curb ramps to enhance pedestrian safety.	0K130 2021-22	R/W: \$36 Con: \$2,157	PA&ED: \$800 PS&E: \$880 R/W Sup: \$70 Con Sup: \$740	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 9/1/2021 RTL: 1/3/2022 Begin Con: 6/1/2022
<i>Carryover</i>			Subtotal: \$2,193	\$2,490		
			Total Project Cost:	\$4,683		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



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

04-Sonoma-116	Near Guerneville, from Brookside	4J460	R/W: \$68	PA&ED: \$300	Prior	PA&ED: 6/30/2020
11.8/R12.2	Lane to River Road. Upgrade curb	2021-22	Con: \$3,425	PS&E: \$930	Prior	R/W Cert: 1/20/2022
1491B	ramps and sidewalk, and install			R/W Sup: \$225	Prior	RTL: 5/2/2022
0415000351	Accessible Pedestrian Signals (APS)			Con Sup: \$930	21-22	Begin Con: 11/14/2022
	pushbuttons to make facilities		Subtotal: \$3,493			
Carryover	compliant with the Americans with		Total Project Cost:	\$5,878		
	Disabilities Act (ADA) standards.					

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 18 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	18.0	18.0	Each
Post Condition	18.0	0.0	0.0	18.0	Each

BRIDGE PRESERVATION

04-Sonoma-101	In and near Santa Rosa, at Todd	2K240	R/W: \$116	PA&ED: \$650	Prior	PA&ED: 10/1/2019
16.5/19.0	Road Overcrossing (OC) No. 20-0172	2021-22	Con: \$4,343	PS&E: \$780	Prior	R/W Cert: 8/2/2021
1451A	(PM 16.54) and Baker Avenue OC No.			R/W Sup: \$130	Prior	RTL: 9/1/2021
0416000394	20-0173 (PM 19.00); also in Marin			Con Sup: \$988	21-22	Begin Con: 3/1/2022
	County near Navato, at Miller Creek		Subtotal: \$4,459			
Carryover	Road OC No. 27-0082 (PM 15.57).		Total Project Cost:	\$7,007		
	Upgrade bridge rails.					

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,395.0 Linear feet
3 Bridge(s)

Primary Asset

<u>(Bridge Rail)</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,395.0	1,395.0	Linear feet rail
Post Condition	1,395.0	0.0	0.0	1,395.0	Linear feet rail

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 20-0172	Poor	Poor
Bridge No. 20-0173	Fair	Fair
Bridge No. 27-0082	Fair	Fair

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-101 22.8/32.8 2029C 0418000319	In and near Santa Rosa, at Mendocino Avenue Overcrossing No. 20-0179 (PM 22.81), Fulton Road Overcrossing No. 20-0200 (PM 25.90), Shiloh Road Overcrossing No. 20-0202 (PM 27.62), and Limerick Lane Overcrossing No. 20-0066 (PM 32.79). Upgrade bridge rails.	1Q700 2023-24	R/W: \$252 Con: \$8,056	PA&ED: \$1,528 PS&E: \$1,518 R/W Sup: \$5 Con Sup: \$1,484	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$8,308	\$4,535		
			Total Project Cost:	\$12,843		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,065.0 Linear feet
4 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,065.0	1,065.0	Linear feet rail
Post Condition	1,065.0	0.0	0.0	1,065.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 20-0066	Fair	Fair
Bridge No. 20-0179	Good	Good
Bridge No. 20-0200	Good	Good
Bridge No. 20-0202	Poor	Poor

04-Sonoma-116 19.9/33.4 2028P 0419000011	Near Sebastopol, at Jones Creek Bridge No. 20-0094 (PM 19.90), Blucher Creek Bridge No. 20-0103 (PM 29.83) and Gossage Creek Bridge No. 20-0104 (PM 33.37). Upgrade bridge rails.	2Q420 2023-24	R/W: \$160 Con: \$4,310	PA&ED: \$1,280 PS&E: \$1,780 R/W Sup: \$170 Con Sup: \$1,740	20-21 22-23 22-23 23-24	PA&ED: 10/6/2022 R/W Cert: 4/5/2024 RTL: 5/1/2024 Begin Con: 1/17/2025
New			Subtotal: \$4,470	\$4,970		
			Total Project Cost:	\$9,440		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 430.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	430.0	430.0	Linear feet rail
Post Condition	430.0	0.0	0.0	430.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 20-0094	Good	Good
Bridge No. 20-0103	Good	Good
Bridge No. 20-0104	Good	Good

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS		Milestones
					Allocation FY		
04-Sonoma-121 6.5/8.4 2028Q 0419000013	Near Schellville, at Yellow Creek Bridge No. 20-0021 (PM 6.52) and Arroyo Seco Bridge No. 20-0023 (PM 8.43). Upgrade bridge rails.	2Q440 2023-24	R/W: \$190 Con: \$7,780	PA&ED: \$1,750 PS&E: \$2,410 R/W Sup: \$80 Con Sup: \$2,370	20-21 22-23 22-23 23-24	PA&ED: 8/8/2022 R/W Cert: 2/15/2024 RTL: 3/1/2024 Begin Con: 1/17/2025	
<i>New</i>			Subtotal: \$7,970	\$6,610			
			Total Project Cost:	\$14,580			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 274.0 Linear feet
2 Bridge(s)

Primary Asset
(Bridge Rail)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	274.0	274.0	Linear feet rail
Post Condition	274.0	0.0	0.0	274.0	Linear feet rail

Bridge Health

Existing Condition Post Condition

Bridge No. 20-0021	Good	Good
Bridge No. 20-0023	Fair	Fair

04-Sonoma-101 0.0 1487D 0415000078	Near Petaluma, at San Antonio Creek Bridges No. 20-0019L/R. Abutment scour mitigation and channel sediment cleaning to address flooding.	3J080 2021-22	R/W: \$160 Con: \$997	PA&ED: \$982 PS&E: \$416 R/W Sup: \$24 Con Sup: \$468	Prior 20-21 20-21 21-22	PA&ED: 10/1/2020 R/W Cert: 12/1/2021 RTL: 12/1/2021 Begin Con: 6/1/2022
<i>Carryover</i>			Subtotal: \$1,157	\$1,890		
			Total Project Cost:	\$3,047		

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 2 Bridge(s)

Primary Asset
(Bridge Health)

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,376.0	4,376.0	Square feet
Post Condition	4,376.0	0.0	0.0	4,376.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 20-0019L		
Bridge No. 20-0019R	Good	Good

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



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

04-Sonoma-12 11.0/T17.4 1493M 0416000098	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant. (G13 Contingency)	0K520 2021-22	R/W: \$280 * Con: \$27,681	PA&ED: \$2,084 PS&E: \$2,900 R/W Sup: \$66 * Con Sup: \$3,350	Prior Prior Prior 21-22	PA&ED: 5/1/2020 R/W Cert: 11/1/2021 RTL: 12/1/2021 Begin Con: 6/15/2022
			Subtotal: \$27,961	\$8,400		
			Total Project Cost:	\$36,361		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.5	0.5	22.0	Lane mile(s)
Post Condition	22.0	0.0	0.0	22.0	Lane mile(s)

04-Sonoma-1 1.0/28.7 1453C 0416000306	Near Bodega Bay, Carmet, and Jenner, from 0.7 mile south of Middle Road to 2.3 miles north of Meyers Grade Road at various locations. Rehabilitate drainage systems.	1K720 2023-24	R/W: \$655 Con: \$3,569	PA&ED: \$794 PS&E: \$718 R/W Sup: \$58 Con Sup: \$687	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 4/1/2024 Begin Con: 10/1/2024
			Subtotal: \$4,224	\$2,257		
			Total Project Cost:	\$6,481		

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,125.0	1,125.0	Linear feet
Post Condition	1,125.0	0.0	0.0	1,125.0	Linear feet

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 19.3/21.8 2022P 0418000242	Near Jenner, from south of Willow Creek Road to Burke Avenue. Rehabilitate drainage systems at two locations.	1Q340 2023-24	R/W: \$831 Con: \$4,881	PA&ED: \$1,663 PS&E: \$2,118 R/W Sup: \$81 Con Sup: \$1,684	20-21 21-22 21-22 23-24	PA&ED: 4/28/2022 R/W Cert: 1/29/2024 RTL: 2/28/2024 Begin Con: 8/28/2024
<i>New</i>			Subtotal: \$5,712	\$5,546		
			Total Project Cost:	\$11,258		

Program 201.151 Drainage System Restoration
Project Output(s) 2 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	110.0	110.0	Linear feet
Post Condition	110.0	0.0	0.0	110.0	Linear feet

04-Sonoma-1 30.8/40.6 1453J 0416000307	Near Jenner, from south of Fort Ross Road to north of Moon Rock Campground at various locations. Rehabilitate drainage culverts.	1K730 2021-22	R/W: \$321 Con: \$4,256	PA&ED: \$744 PS&E: \$1,369 R/W Sup: \$429 Con Sup: \$1,385	Prior 20-21 20-21 21-22	PA&ED: 12/29/2019 R/W Cert: 5/15/2022 RTL: 6/1/2022 Begin Con: 1/1/2023
<i>Carryover</i>			Subtotal: \$4,577	\$3,927		
			Total Project Cost:	\$8,504		

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

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	447.0	582.9	1,029.9	Linear feet
Post Condition	1,029.9	0.0	0.0	1,029.9	Linear feet

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-1 41.5/54.6 1462M 0416000309	Near Gualala, from north of Moon Rock Campground to 0.1 mile north of Vantage Road. Rehabilitate drainage culverts.	1K750 2021-22	R/W: \$382 Con: \$4,761	PA&ED: \$1,050 PS&E: \$1,571 R/W Sup: \$286 Con Sup: \$1,040	Prior 20-21 20-21 21-22	PA&ED: 10/15/2020 R/W Cert: 6/15/2022 RTL: 6/15/2022 Begin Con: 1/16/2023
			Subtotal: \$5,143	\$3,947		
Carryover			Total Project Cost:	\$9,090		

Program 201.151 Drainage System Restoration
Project Output(s) 26 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	858.2	858.5	1,716.7	Linear feet
Post Condition	1,716.7	0.0	0.0	1,716.7	Linear feet

04-Sonoma-1 45.4 1462N 0416000310	Near Sea Ranch, at 2.7 miles south of Skaggs Springs Road. Rehabilitate damaged culvert.	1K760 2023-24	R/W: \$165 Con: \$995	PA&ED: \$767 PS&E: \$596 R/W Sup: \$315 Con Sup: \$309	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 6/1/2024 RTL: 6/1/2024 Begin Con: 1/2/2025
			Subtotal: \$1,160	\$1,987		
New			Total Project Cost:	\$3,147		

Program 201.151 Drainage System Restoration
Project Output(s) 1 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	79.0	0.0	79.0	Linear feet
Post Condition	79.0	0.0	0.0	79.0	Linear feet

V4.0 2020 SHOPP Project List
Sonoma
(\$1,000)



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

04-Sonoma-37 3.8/4.0 2023H 0418000281	Near Novato, at the intersection with Route 121. Improve traffic operations by modifying intersection.	1Q480 2023-24	R/W: \$542 Con: \$5,991	PA&ED: \$1,458 PS&E: \$1,570 R/W Sup: \$83 Con Sup: \$1,597	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
			Subtotal: \$6,533	\$4,708		
			Total Project Cost:	\$11,241		

New

Program 201.310 Operational Improvements
Project Output(s) 577.0 Daily vehicle hour(s) of delay (DVHD)

04-Sonoma-37 3.9/4.1 2025P 0418000432	Near Novato, from Route 121 to 0.2 mile east of Route 121. Improve traffic operations by extending the lane merge in eastbound direction.	2Q200 2023-24	R/W: \$821 Con: \$11,666	PA&ED: \$1,469 PS&E: \$2,361 R/W Sup: \$15 Con Sup: \$1,800	20-21 22-23 22-23 23-24	PA&ED: 10/1/2022 R/W Cert: 2/1/2024 RTL: 3/1/2024 Begin Con: 9/1/2024
			Subtotal: \$12,487	\$5,645		
			Total Project Cost:	\$18,132		

New

Program 201.310 Operational Improvements
Project Output(s) 866.0 Daily vehicle hour(s) of delay (DVHD)

V4.0 2020 SHOPP Project List
Sonoma
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
04-Sonoma-121 6.5/7.0 2031J 0412000557	Near Schellville, at the intersection of Routes 121 and 116. Construct roundabout.	3G900 2022-23	R/W: \$4,331 Con: \$12,488	PA&ED: PS&E: R/W Sup: Con Sup: \$2,050	22-23	PA&ED: 4/13/2018 R/W Cert: 8/1/2022 RTL: 10/3/2022 Begin Con: 3/15/2023
			Subtotal: \$16,819	\$2,050		
			Total Project Cost:	\$18,869		
New						

Program 201.310 Operational Improvements
Project Output(s) 300.0 Daily vehicle hour(s) of delay (DVHD)

Sonoma County

R/W:	\$25,783	PA&ED:	\$23,392
Const:	\$173,999	PS&E:	\$30,095
		R/W Sup:	\$3,226
		Con Sup:	\$33,268
Subtotal:	\$199,782		\$89,981
Total (Capital + Support):			\$289,763

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



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

10-Stanislaus-99	In Modesto, near Zeff Road	1H600	R/W:	PA&ED:	\$416	20-21	PA&ED: 7/15/2021
R14.9	Undercrossing. Construct stormwater	2023-24	Con: \$1,061	PS&E:	\$938	21-22	R/W Cert: 7/1/2023
3475	Best Management Practices (BMPs).			R/W Sup:	\$38	21-22	RTL: 8/1/2023
1017000187				Con Sup:	\$691	23-24	Begin Con: 2/17/2024
			Subtotal:	\$1,061	\$2,083		
New			Total Project Cost:		\$3,144		

Program 201.335 Storm Water Mitigation
Project Output(s) 18.0 Acre(s) treated/pollutant

10-Stanislaus-132	In Waterford, from Reinway Avenue	1G420	R/W: \$84	PA&ED: \$683	Prior	PA&ED: 6/21/2019	
27.2/28.0	to F Street. Upgrade pedestrian	2021-22	Con: \$2,854	PS&E: \$1,337	Prior	R/W Cert: 8/2/2021	
3241	facilities to make compliant with the			R/W Sup: \$723	Prior	RTL: 9/1/2021	
1017000013	Americans with Disabilities Act (ADA)			Con Sup: \$718	21-22	Begin Con: 3/18/2022	
			Subtotal:	\$2,938	\$3,461		
Carryover			Total Project Cost:		\$6,399		

Program 201.361 Americans with Disabilities Act New Curb
Project Output(s) 36 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	36.0	36.0	Each
Post Condition	36.0	0.0	0.0	36.0	Each

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



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

10-Stanislaus-5	Near Patterson, from Fink Road	1H280	R/W: \$22	PA&ED: \$894	20-21	PA&ED: 8/26/2021
10.3/25.5	Undercrossing No. 38-0114L to Khaksa	2022-23	Con: \$9,814	PS&E: \$1,947	21-22	R/W Cert: 3/28/2023
3420	Road Undercrossing No. 38-0127L/R at			R/W Sup: \$15	21-22	RTL: 4/28/2023
1017000190	various locations. Rehabilitate bridge			Con Sup: \$1,919	22-23	Begin Con: 11/30/2023
	decks with concrete overlay, replace		Subtotal: \$9,836	\$4,775		
New	joint seals and/or approach slabs.		Total Project Cost:	\$14,611		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 20 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	10,377.0	65,281.0	75,658.0	Square feet
Post Condition	75,658.0	0.0	0.0	75,658.0	Square feet

Bridge Health **Existing Condition** **Post Condition**

Bridge No. 38-0114L	Poor	Good
Bridge No. 38-0115L	Fair	Good
Bridge No. 38-0115R	Good	Good
Bridge No. 38-0116L	Poor	Good
Bridge No. 38-0116R	Good	Good
Bridge No. 38-0118L	Good	Good
Bridge No. 38-0118R	Good	Good
Bridge No. 38-0119L	Good	Good
Bridge No. 38-0119R	Good	Good
Bridge No. 38-0120L	Good	Good
Bridge No. 38-0120R	Good	Good
Bridge No. 38-0122L	Good	Good
Bridge No. 38-0122R	Good	Good
Bridge No. 38-0123L	Good	Good
Bridge No. 38-0123R	Good	Good
Bridge No. 38-0125R	Fair	Good
Bridge No. 38-0126L	Poor	Good
Bridge No. 38-0126S	Good	Good
Bridge No. 38-0127L	Good	Good
Bridge No. 38-0127R	Good	Good

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



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

10-Stanislaus-99 R10.0/R16.8 3251 1016000017	In and near Ceres and Modesto, at various locations from Mitchell Road to Kansas Avenue; also in Merced County, on Route 59 near the city of Merced, at Childs Avenue (PM 14.0). Upgrade drainage pump plants.	1E620 2020-21	R/W: \$13 Con: \$6,440	PA&ED: \$278 PS&E: \$1,142 R/W Sup: \$93 Con Sup: \$1,991	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 8/10/2020 RTL: 9/9/2020 Begin Con: 3/26/2021
<i>Carryover</i>			Subtotal: \$6,453	\$3,504		
			Total Project Cost:	\$9,957		

Program 201.151 Drainage System Restoration
Project Output(s) 6 Culvert(s) (ea)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6.0	6.0	Pump plant(s) (ea)
Post Condition	6.0	0.0	0.0	6.0	Pump plant(s) (ea)

MOBILITY

10-Stanislaus-99 R4.5/R23.3 3443 1018000283	In Stanislaus and San Joaquin Counties, on various routes at various locations. Install Transportation Management System (TMS) elements, and enhance highway worker safety.	1F970 2023-24	R/W: \$660 Con: \$9,650	PA&ED: \$1,100 PS&E: \$1,420 R/W Sup: \$250 Con Sup: \$1,720	20-21 21-22 21-22 23-24	PA&ED: 11/1/2021 R/W Cert: 8/1/2023 RTL: 9/1/2023 Begin Con: 2/26/2024
<i>New</i>			Subtotal: \$10,310	\$4,490		
			Total Project Cost:	\$14,800		

Program 201.315 Transportation Management Systems
Project Output(s) 100 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	65	Field element(s)
Post Condition	100.0%		0.0%	100	Field element(s)

V4.0 2020 SHOPP Project List
Stanislaus
(\$1,000)



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

10-Stanislaus-5	Near Westley, at the Westley Safety	1C270	R/W: \$17	PA&ED:		PA&ED: 4/14/2017
27.0/27.4	Roadside Rest Area (SRRA). Replace	2022-23	Con: \$17,166	PS&E: \$529	20-21	R/W Cert: 4/6/2022
3144	SRRA buildings.			R/W Sup: \$15	20-21	RTL: 7/1/2022
1014000097				Con Sup: \$9,203	22-23	Begin Con: 12/7/2022
			Subtotal: \$17,183	\$9,747		
New			Total Project Cost:	\$26,930		

Program 201.250 Safety Roadside Rest Area Restoration
Project Output(s) 2 Location(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2.0	2.0	Each
Post Condition	2.0	0.0	0.0	2.0	Each

Stanislaus County

R/W:	\$796	PA&ED:	\$3,371
Const:	\$46,985	PS&E:	\$7,313
		R/W Sup:	\$1,134
		Con Sup:	\$16,242
Subtotal:	\$47,781		\$28,060
Total (Capital + Support):			\$75,841

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



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

02-Tehama-5	Near Red Bluff, from Nine Mile Hill	1H470	R/W: \$470	PA&ED: \$930	Prior	PA&ED: 2/4/2020
36.3/41.6	Overcrossing to 0.1 mile north of	2020-21	Con: \$4,530	PS&E: \$800	Prior	R/W Cert: 2/15/2021
3632	Bowman Road Overcrossing.			R/W Sup: \$40	Prior	RTL: 3/8/2021
0216000044	Improve median clear recovery zone			Con Sup: \$1,030	20-21	Begin Con: 9/7/2021
	and widen inside shoulder to make		Subtotal: \$5,000			
Carryover	standard for enhanced errant vehicle		Total Project Cost:	\$7,800		
	safety.					

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

BRIDGE PRESERVATION

02-Tehama-99	Near Los Molinos, from 0.2 mile south	1H510	R/W: \$90	PA&ED: \$850	Prior	PA&ED: 5/5/2020
9.0/9.3	to 0.2 mile north of Champlin Slough	2021-22	Con: \$4,370	PS&E: \$1,170	20-21	R/W Cert: 10/22/2021
3642	Bridge No. 08-0006. Replace bridge			R/W Sup: \$90	20-21	RTL: 11/24/2021
0216000148	to correct scour critical conditions.			Con Sup: \$990	21-22	Begin Con: 4/19/2022
			Subtotal: \$4,460			
Carryover			Total Project Cost:	\$7,560		

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

Primary Asset

(Scour)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	2,713.0	2,713.0	Square feet
Post Condition	2,713.0	0.0	0.0	2,713.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0006	Good	Good

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Tehama-36 41.9/42.6 3733 0219000010	In Red Bluff, at East Sand Slough Bridge No. 08-0090 (PM 41.95), Samson Slough Bridge No. 08-0089 (PM 42.24), and Paynes Creek Slough Bridge No. 08-0088 (PM 42.5). Seismic retrofit of three bridges.	4H710 2023-24	R/W: \$309 Con: \$3,230	PA&ED: \$990 PS&E: \$1,270 R/W Sup: \$330 Con Sup: \$980	20-21 22-23 22-23 23-24	PA&ED: 10/5/2022 R/W Cert: 3/15/2024 RTL: 3/29/2024 Begin Con: 10/8/2024
New			Subtotal: \$3,539 Total Project Cost:	\$3,570 \$7,109		

Program 201.113 Bridge Seismic Restoration
Project Output(s) 3 Bridge(s)

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	144,495.0	144,495.0	Square feet
Post Condition	144,495.0	0.0	0.0	144,495.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 08-0088	Fair	Fair
Bridge No. 08-0089	Fair	Fair
Bridge No. 08-0090	Fair	Fair

ROADWAY PRESERVATION

02-Tehama-36 20.0/39.7 3719 0218000069	Near Red Bluff, from 0.8 mile east of Salt Creek Bridge to Baker Road. Rehabilitate pavement, upgrade guardrail and signs, add lighting, and rehabilitate drainage systems.	4H020 2022-23	R/W: \$164 Con: \$21,630	PA&ED: \$1,140 PS&E: \$1,410 R/W Sup: \$220 Con Sup: \$1,470	20-21 21-22 21-22 22-23	PA&ED: 3/2/2022 R/W Cert: 3/15/2023 RTL: 3/20/2023 Begin Con: 9/12/2023
New			Subtotal: \$21,794 Total Project Cost:	\$4,240 \$26,034		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 37.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	37.7	0.0	37.7	Lane mile(s)
Post Condition	37.7	0.0	0.0	37.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Tehama
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Tehama-99 0.0/12.5 3707 0218000039	Near Los Molinos, from Butte County line to south of Los Molinos Creek Bridge. Rehabilitate pavement, upgrade guardrail and Transportation Management System (TMS) elements, upgrade facilities to meet Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and widen shoulders. (G13 Contingency)	3H770 2023-24	R/W: \$744 * Con: \$33,010	PA&ED: \$2,090 PS&E: \$2,060 R/W Sup: \$810 * Con Sup: \$3,060	20-21 22-23 22-23 23-24	PA&ED: 10/14/2022 R/W Cert: 1/8/2024 RTL: 2/8/2024 Begin Con: 6/11/2024
New			Subtotal: \$33,754	\$8,020		
			Total Project Cost:	\$41,774		
			* Construction Capital and * Construction Support phases are NOT authorized			
			SBI Baseline Agreement Required			
			Program	201.121 Pavement Rehabilitation (CAPM)		
			Project Output(s)	24.1 Lane mile(s)		

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	24.1	0.0	24.1	Lane mile(s)
Post Condition	24.1	0.0	0.0	24.1	Lane mile(s)

MOBILITY

02-Tehama-5 39.0/41.9 3611 0216000010	Near Red Bluff, from 0.3 mile north of Snively Road Overcrossing (OC) to 0.4 mile north of Bowman Road OC. Upgrade southbound Cottonwood Commercial Vehicle Enforcement Facility (CVEF).	1H680 2021-22	R/W: \$35 Con: \$13,200	PA&ED: \$450 PS&E: \$2,170 R/W Sup: \$50 Con Sup: \$2,320	Prior 20-21 20-21 21-22	PA&ED: 5/5/2020 R/W Cert: 10/8/2021 RTL: 11/8/2021 Begin Con: 5/17/2022
Carryover			Subtotal: \$13,235	\$4,990		
			Total Project Cost:	\$18,225		
			Program	201.321 Weigh Stations		
			Project Output(s)	1 Location(s)		

Tehama County

R/W:	\$1,812	PA&ED:	\$6,450
Const:	\$79,970	PS&E:	\$8,880
		R/W Sup:	\$1,540
		Con Sup:	\$9,850
Subtotal:	\$81,782		\$26,720
Total (Capital + Support):			\$108,502

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



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

02-Trinity-299	Near Burnt Ranch, from east of China	4H040	R/W: \$360	PA&ED: \$920	Prior	PA&ED: 4/1/2021
13.4/13.7	Slide Road to Mill Creek Road.	2021-22	Con: \$11,500	PS&E: \$1,280	20-21	R/W Cert: 4/1/2022
3720	Stabilize the slope by constructing a retaining wall, reconstructing roadway, and modifying drainage systems.			R/W Sup: \$130	20-21	RTL: 5/27/2022
0218000071				Con Sup: \$2,790	21-22	Begin Con: 9/20/2022
<i>Carryover</i>						
			Subtotal: \$11,860	\$5,120		
			Total Project Cost:	\$16,980		

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

MANDATES

02-Trinity-299	Near Douglas City, at various	1H700	R/W: \$345	PA&ED: \$860	Prior	PA&ED: 9/8/2020
64.7/71.7	locations from 1.2 miles east of	2021-22	Con: \$3,200	PS&E: \$1,200	20-21	R/W Cert: 2/25/2022
3637	Lewiston Road to 0.5 mile west of Shasta County line. Perform storm water mitigation improvements at sixteen locations to meet Statewide National Pollutant Discharge Eliminating System (NPDES) permit mandate goals.			R/W Sup: \$380	20-21	RTL: 3/28/2022
0216000049				Con Sup: \$1,100	21-22	Begin Con: 8/30/2022
<i>Carryover</i>						
			Subtotal: \$3,545	\$3,540		
			Total Project Cost:	\$7,085		

Program 201.335 Storm Water Mitigation
Project Output(s) 108.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



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

02-Trinity-3	In Trinity County, at Dobbins Gulch	1H500	R/W: \$206	PA&ED: \$900	Prior	PA&ED: 7/2/2020
3633	Bridge No. 05-0042 (PM 0.6), Stuart	2021-22	Con: \$6,300	PS&E: \$1,030	20-21	R/W Cert: 1/21/2022
0216000045	Fork Bridge No. 05-0055 (PM 43.9) and			R/W Sup: \$230	20-21	RTL: 2/22/2022
	Mule Creek Bridge No. 05-0056 (PM			Con Sup: \$2,060	21-22	Begin Con: 8/9/2022
	48.5); also on Route 299, at Grass		Subtotal: \$6,506	\$4,220		
Carryover	Valley Creek Bridge No. 05-0013 (PM		Total Project Cost:	\$10,726		
	65.5). Repair unsound concrete,					
	replace bearings and joint seals,					
	repair bridge decks, and install barrier					
	and approach slabs.					

Program 201.119 Bridge Preventative Maintenance
Project Output(s) 4 Bridge(s)

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	2,401.0	22,669.0	0.0	25,070.0	Square feet
Post Condition	25,070.0	0.0	0.0	25,070.0	Square feet

Bridge Health

	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 05-0013	Fair	Good
Bridge No. 05-0042	Good	Good
Bridge No. 05-0055	Fair	Good
Bridge No. 05-0056	Good	Good

ROADWAY PRESERVATION

02-Trinity-299	Near Del Loma, from 1.0 mile east of	3H700	R/W: \$78	PA&ED: \$1,180	20-21	PA&ED: 5/3/2022
15.0/25.7	Trinity River Bridge to west of Prairie	2023-24	Con: \$18,790	PS&E: \$1,360	22-23	R/W Cert: 7/3/2023
3701	Creek Road. Rehabilitate pavement,			R/W Sup: \$70	22-23	RTL: 8/28/2023
0218000011	upgrade guardrail and Transportation			Con Sup: \$1,860	23-24	Begin Con: 1/2/2024
	Management System (TMS) elements,		Subtotal: \$18,868	\$4,470		
New	widen lanes to make standard, and		Total Project Cost:	\$23,338		
	rehabilitate drainage systems.					

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 21.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	21.3	0.0	21.3	Lane mile(s)
Post Condition	21.3	0.0	0.0	21.3	Lane mile(s)

V4.0 2020 SHOPP Project List
Trinity
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
02-Trinity-299 1.6/45.2 3668 0217000012	Near Salyer, at various locations from 0.1 mile west of White House Gulch Road to 0.4 mile west of Slattery Pond Road. Rehabilitate culverts.	2H810 2021-22	R/W: \$311 Con: \$5,390	PA&ED: \$930 PS&E: \$980 R/W Sup: \$330 Con Sup: \$990	Prior 20-21 20-21 21-22	PA&ED: 7/1/2020 R/W Cert: 7/19/2021 RTL: 8/19/2021 Begin Con: 12/14/2021
			Subtotal: \$5,701	\$3,230		
<i>Carryover</i>			Total Project Cost:	\$8,931		

Program 201.151 Drainage System Restoration
Project Output(s) 18 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,292.5	1,292.5	Linear feet
Post Condition	1,292.5	0.0	0.0	1,292.5	Linear feet

Trinity County

R/W:	\$1,300	PA&ED:	\$4,790
Const:	\$45,180	PS&E:	\$5,850
		R/W Sup:	\$1,140
		Con Sup:	\$8,800
Subtotal:		\$46,480	\$20,580
Total (Capital + Support):		\$67,060	

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



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

06-Tulare-Var	In and near Porterville, on Routes 65 and 190 at various locations. Install centerline and shoulder rumble strips.	0X040 2020-21	R/W: \$17 Con: \$1,800	PA&ED: \$750 PS&E: \$730 R/W Sup: \$20 Con Sup: \$630	Prior Prior Prior 20-21	PA&ED: 1/9/2020 R/W Cert: 10/2/2020 RTL: 11/2/2020 Begin Con: 7/21/2021
6898						
0618000013						
<i>Carryover</i>						
			Subtotal: \$1,817	\$2,130		
			Total Project Cost:	\$3,947		

Program 201.010 Safety Improvements
Project Output(s) 12 Collision(s) reduced

06-Tulare-63	On Routes 63 and 137, near Visalia and Exter at various locations. Construct rumble strips.	0U040 2020-21	R/W: \$5 Con: \$1,713	PA&ED: \$390 PS&E: \$550 R/W Sup: \$5 Con Sup: \$500	Prior Prior Prior 20-21	PA&ED: 12/2/2019 R/W Cert: 9/1/2020 RTL: 10/14/2020 Begin Con: 5/26/2021
6897						
0615000191						
<i>Carryover</i>						
			Subtotal: \$1,718	\$1,445		
			Total Project Cost:	\$3,163		

Program 201.010 Safety Improvements
Project Output(s) 25 Collision(s) reduced

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-Var 6986 0618000228 Carryover	In various counties, on various routes, at various locations. Replace or install new curve warning signs on highways, onramps, and offramp locations.	0Y490 2020-21	R/W: \$22 Con: \$2,000	PA&ED: \$980 PS&E: \$720 R/W Sup: \$20 Con Sup: \$940	Prior 20-21 20-21 20-21	PA&ED: 7/1/2020 R/W Cert: 4/1/2021 RTL: 4/15/2021 Begin Con: 9/15/2021
			Subtotal: \$2,022	\$2,660		
			Total Project Cost:	\$4,682		

Program 201.015 Collision Severity Reduction
Project Output(s) 3 Collision(s) reduced

06-Tulare-99 22.3 6885 0616000035 Carryover	Near Tipton, at the Philip S. Raine Safety Roadside Rest Area (SRRA). Upgrade water, sewer and irrigation facilities.	0U770 2020-21	R/W: \$50 Con: \$6,500	PA&ED: \$550 PS&E: \$1,750 R/W Sup: \$12 Con Sup: \$2,250	Prior Prior Prior 20-21	PA&ED: 8/22/2019 R/W Cert: 4/5/2021 RTL: 4/15/2021 Begin Con: 10/18/2021
			Subtotal: \$6,550	\$4,562		
			Total Project Cost:	\$11,112		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-99 51.6/52.2 6882 0616000220	Near Kingsburg, from 0.2 mile south to 0.4 mile north of Avenue 384 Overcrossing at the C. H. Warlow Safety Roadside Rest Area (SRRA). Upgrade water and wastewater systems to comply with Federal and State statutes and regulatory requirements.	0V760 2020-21	R/W: \$170 Con: \$7,000	PA&ED: \$869 PS&E: \$1,666 R/W Sup: \$36 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 10/15/2019 R/W Cert: 4/2/2021 RTL: 4/9/2021 Begin Con: 11/1/2021
<i>Carryover</i>			Subtotal: \$7,170	\$4,571		
			Total Project Cost:	\$11,741		

Roadside Safety Improvements/Freeway
Program 201.235 Maintenance Access
Project Output(s) 1 Location(s)

BRIDGE PRESERVATION

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.	0U280 2020-21	R/W: \$395 Con: \$12,100	PA&ED: \$1,325 PS&E: \$2,260 R/W Sup: \$645 Con Sup: \$1,940	Prior Prior Prior 20-21	PA&ED: 8/14/2019 R/W Cert: 3/15/2021 RTL: 4/1/2021 Begin Con: 10/19/2021
<i>Carryover</i>			Subtotal: \$12,495	\$6,170		
			Total Project Cost:	\$18,665		

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	14,865.0	14,865.0	Square feet
Post Condition	21,003.0	0.0	0.0	21,003.0	Square feet

Bridge Health

Existing Condition Post Condition

Bridge No. 46-0011	Fair	Good
Bridge No. 46-0073	Fair	Good

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
06-Tulare-99 6788 0615000295 Carryover	In and near Pixley, at Avenue 48 Overcrossing (OC) No. 46-0165 (PM 6.2), Davis Avenue OC No. 46-0172 (PM 12.6), and Avenue 100 OC No. 46-0173 (PM 12.8). Upgrade bridge railing to current standards and install approach railings.	0U270 2020-21	R/W: \$108 Con: \$4,200	PA&ED: \$740 PS&E: \$1,122 R/W Sup: \$30 Con Sup: \$1,048	Prior Prior Prior 20-21		PA&ED: 11/1/2019 R/W Cert: 1/15/2021 RTL: 2/1/2021 Begin Con: 10/15/2021
			Subtotal: \$4,308	\$2,940			
			Total Project Cost:	\$7,248			

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1,493.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,493.0	1,493.0	Linear feet rail
Post Condition	1,493.0	0.0	0.0	1,493.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 46-0165	Good	Good
Bridge No. 46-0172	Good	Good
Bridge No. 46-0173	Good	Good

ROADWAY PRESERVATION

06-Tulare-216 0.0/R2.9 6696 0618000012 Carryover	In and near Visalia, from Route 198 to east of Sol Road. Rehabilitate roadway by replacing distressed asphalt, provide non-motorized transportation facilities and bring Americans with Disabilities Act (ADA) facilities to current standards.	0W900 2022-23	R/W: \$1,500 Con: \$16,900	PA&ED: \$2,500 PS&E: \$1,900 R/W Sup: \$200 Con Sup: \$2,800	Prior 21-22 21-22 22-23	PA&ED: 6/2/2021 R/W Cert: 1/3/2023 RTL: 1/10/2023 Begin Con: 10/9/2023
			Subtotal: \$18,400	\$7,400		
			Total Project Cost:	\$25,800		

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 5.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	4.5	0.9	5.4	Lane mile(s)
Post Condition	5.4	0.0	0.0	5.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-63 5.8/L8.0 7008 061900009	In Visalia, from south of Caldwell Avenue to Route 198 (PM 5.8/L7.97). Rehabilitate pavement, upgrade Transportation Management System (TMS) elements, replace signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0X700 2022-23	R/W: \$210 Con: \$10,000	PA&ED: \$1,220 PS&E: \$2,350 R/W Sup: \$1,000 Con Sup: \$2,500	20-21 20-21 20-21 22-23	PA&ED: 1/29/2021 R/W Cert: 1/5/2023 RTL: 1/10/2023 Begin Con: 7/5/2023
New			Subtotal: \$10,210	\$7,070		
			Total Project Cost:	\$17,280		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 18.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.9	15.4	1.2	18.5	Lane mile(s)
Post Condition	18.5	0.0	0.0	18.5	Lane mile(s)

06-Tulare-99 0.0/13.5 6963 0617000307	Near Earlimart, from County line Road Overcrossing to 0.7 mile north of Court Avenue Overcrossing. Rehabilitate roadway, construct median concrete barrier, replace signs, rehabilitate drainage systems, upgrade Transportation Management System (TMS) elements, and replace signs.	0W790 2022-23	R/W: \$225 Con: \$56,800	PA&ED: \$3,360 PS&E: \$4,450 R/W Sup: \$400 Con Sup: \$9,100	20-21 21-22 21-22 22-23	PA&ED: 7/1/2021 R/W Cert: 1/9/2023 RTL: 1/16/2023 Begin Con: 7/3/2023
New			Subtotal: \$57,025	\$17,310		
			Total Project Cost:	\$74,335		

SBI Baseline Agreement Required

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 51.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	30.0	21.7	0.0	51.7	Lane mile(s)
Post Condition	51.7	0.0	0.0	51.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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06-Tulare-99 27.6/30.6 6944 061800011 New	In the city of Tulare, from Paige Avenue to Prosperity Avenue Overcrossing. Rehabilitate roadway, upgrade lighting and Transportation Management System (TMS) elements, replace signs, rehabilitate drainage systems, and enhance highway worker safety.	0W910	R/W: \$500	PA&ED: \$1,800	20-21	PA&ED: 12/1/2021
		2023-24	* Con: \$28,500	PS&E: \$2,500	21-22	R/W Cert: 11/1/2023
				R/W Sup: \$90	21-22	RTL: 12/2/2023
				* Con Sup: \$4,000	23-24	Begin Con: 6/3/2024
Subtotal: \$29,000			\$8,390			
Total Project Cost:			\$37,390			

* Construction Capital and * Construction Support phases are NOT authorized

(G13 Contingency)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 12.0 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	12.0	0.0	12.0	Lane mile(s)
Post Condition	12.0	0.0	0.0	12.0	Lane mile(s)

06-Tulare-99 20.2/R53.9 6967 061800044 New	In and near the city of Tulare, from 0.7 mile north of Avenue 152 Overcrossing to Fresno County line (PM 20.2/R53.939) at various locations. Rehabilitate drainage systems.	0X250	R/W: \$150	PA&ED: \$2,350	20-21	PA&ED: 9/15/2022
		2023-24	Con: \$9,900	PS&E: \$2,350	22-23	R/W Cert: 4/1/2024
				R/W Sup: \$610	22-23	RTL: 4/15/2024
				Con Sup: \$2,610	23-24	Begin Con: 11/1/2024
Subtotal: \$10,050			\$7,920			
Total Project Cost:			\$17,970			

Program 201.151 Drainage System Restoration
Project Output(s) 103 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	7,190.0	7,190.0	Linear feet
Post Condition	7,190.0	0.0	0.0	7,190.0	Linear feet

V4.0 2020 SHOPP Project List
Tulare
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Tulare-198 0.0/44.0 7015 0618000045	In Tulare County, from Kings County line to east of Sequoia National Park Boundary at various locations. Rehabilitate drainage systems.	0X260 2022-23	R/W: \$337 Con: \$11,548	PA&ED: \$3,515 PS&E: \$3,298 R/W Sup: \$1,759 Con Sup: \$3,027	20-21 21-22 21-22 22-23	PA&ED: 12/15/2021 R/W Cert: 5/15/2023 RTL: 5/30/2023 Begin Con: 2/1/2024
New			Subtotal: \$11,885	\$11,599		
			Total Project Cost:	\$23,484		

Program 201.151 Drainage System Restoration
Project Output(s) 151 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	12,676.8	12,676.8	Linear feet
Post Condition	12,676.8	0.0	0.0	12,676.8	Linear feet

Tulare County

R/W:	\$3,689	PA&ED:	\$20,349
Const:	\$168,961	PS&E:	\$25,646
		R/W Sup:	\$4,827
		Con Sup:	\$33,345
Subtotal:		\$172,650	\$84,167
Total (Capital + Support):		\$256,817	

V4.0 2020 SHOPP Project List
Tuolumne
(\$1,000)



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

10-Tuolumne-108	At various locations, from Sonora to	1C400	R/W: \$173	PA&ED: \$634	Prior	PA&ED: 11/2/2020
L1.3/53.3	Dardanelle; also on Route 49 in	2021-22	Con: \$5,070	PS&E: \$1,370	20-21	R/W Cert: 10/15/2021
3234	Sonora (PM 17.4 to 17.6) and in			R/W Sup: \$11	20-21	RTL: 11/30/2021
1017000025	Stanislaus County on Route 108 in			Con Sup: \$720	21-22	Begin Con: 7/1/2022
	and near Riverbank (PM 28.5 to 33.4).		Subtotal: \$5,243			
Carryover	Upgrade guardrail to make standard.		Total Project Cost:		\$2,735	\$7,978

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

ROADWAY PRESERVATION

10-Tuolumne-108	Near Long Barn, from 0.1 mile east of	46210	R/W: \$88	PA&ED: \$687	Prior	PA&ED: 10/1/2019
R18.9/38.8	the east junction of Long Barn Road	2020-21	Con: \$17,970	PS&E: \$1,152	Prior	R/W Cert: 12/1/2020
0157	to 2.3 miles east of Cow Creek Road.			R/W Sup: \$8	Prior	RTL: 1/2/2021
1013000266	Pavement rehabilitation.			Con Sup: \$2,092	20-21	Begin Con: 7/15/2021
			Subtotal: \$18,058			
Carryover			Total Project Cost:		\$3,939	\$21,997

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 51.6 Lane mile(s)

V4.0 2020 SHOPP Project List
Tuolumne
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
10-Tuolumne-120 R3.4/R39.8 3411 1017000179	Near Groveland, from 4.7 miles west of La Grange Road to west of Ferretti Road; also in Calaveras County, on Route 26 and in Tuolumne County, on Route 108 at various locations. Rehabilitate drainage systems.	1F250 2023-24	R/W: \$247 Con: \$2,776	PA&ED: \$1,182 PS&E: \$1,181 R/W Sup: \$251 Con Sup: \$1,307	20-21 22-23 22-23 23-24	PA&ED: 8/19/2022 R/W Cert: 3/7/2024 RTL: 4/8/2024 Begin Con: 10/10/2024
New			Subtotal: \$3,023 Total Project Cost:	\$3,921 \$6,944		

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,967.7	1,967.7	Linear feet
Post Condition	1,967.7	0.0	0.0	1,967.7	Linear feet

Tuolumne County

R/W:	\$508	PA&ED:	\$2,503
Const:	\$25,816	PS&E:	\$3,703
		R/W Sup:	\$270
		Con Sup:	\$4,119
Subtotal:	\$26,324		\$10,595
Total (Capital + Support):			\$36,919

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



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

07-Ventura-1 4.0/4.2 4930 0715000286	In Ventura County, south of Point Mugu State Park (PM 4.0) and Sycamore Canyon Road (PM 4.2). Construct secant walls at two locations as a permanent slope restoration solution to stabilize the slope and prevent continued erosion.	31820 2020-21	R/W: \$1,241 Con: \$54,615	PA&ED: \$1,200 PS&E: \$1,900 R/W Sup: \$100 Con Sup: \$4,350	Prior Prior Prior 20-21	PA&ED: 6/28/2019 R/W Cert: 3/1/2021 RTL: 3/30/2021 Begin Con: 12/1/2021
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Subtotal: \$55,856 \$7,550
Total Project Cost: \$63,406

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

Carryover
Two previous Director Orders: EA 4X370 and EA 4X760 were executed to remove slide material and repair embankment, roadway and drainage systems.

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: \$442 Con: \$11,099	PA&ED: \$2,300 PS&E: \$3,240 R/W Sup: \$1,000 Con Sup: \$3,880	Prior Prior Prior 21-22	PA&ED: 12/20/2019 R/W Cert: 7/30/2021 RTL: 9/3/2021 Begin Con: 7/1/2025
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Subtotal: \$11,541 \$10,420
Total Project Cost: \$21,961

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

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-33 22.0 5292 0717000324	Near Wheeler Springs, south of Rose Valley Road. Permanent restoration of storm damaged embankment by constructing retaining wall and restoring the roadway.	34270 2021-22	R/W: \$22 Con: \$3,756	PA&ED: \$700 PS&E: \$2,400 R/W Sup: \$170 Con Sup: \$2,100	Prior 20-21 20-21 21-22	PA&ED: 10/30/2020 R/W Cert: 9/1/2021 RTL: 11/1/2021 Begin Con: 6/1/2022
Carryover			Subtotal: \$3,778	\$5,370		
			Total Project Cost:	\$9,148		

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

07-Ventura-118 12.0/13.2 5294 0717000333	Near Moorpark, from Sand Canyon Road to Balcom Canyon Road. Permanent restoration of slope damage by constructing retaining wall, paving shoulder, and placing Rock Slope Protection (RSP).	34290 2020-21	R/W: \$353 Con: \$5,402	PA&ED: \$850 PS&E: \$3,000 R/W Sup: \$175 Con Sup: \$2,000	Prior Prior Prior 20-21	PA&ED: 12/31/2019 R/W Cert: 1/4/2021 RTL: 2/10/2021 Begin Con: 8/2/2021
Carryover			Subtotal: \$5,755	\$6,025		
			Total Project Cost:	\$11,780		

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

V4.0 2020 SHOPP Project List
Ventura
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 12.0/13.3 5705 0720000023	Near Somis, from Sand Canyon Road to east of Balcom Canyon Road. Slope repair due to storm damage.	36970 2021-22	R/W: \$654 Con: \$29,302	PA&ED: \$2,033 PS&E: \$2,886 R/W Sup: \$964 Con Sup: \$6,216	Prior 20-21 20-21 21-22	PA&ED: 12/1/2020 R/W Cert: 6/10/2022 RTL: 6/22/2022 Begin Con: 1/30/2023
<i>Carryover</i>			Subtotal: \$29,956	\$12,099		
			Total Project Cost:	\$42,055		

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

COLLISION REDUCTION

07-Ventura-33 18.9/19.1 5145 0716000257	Near Ojai, north of North Fork Matilija Creek Bridge No. 52-450. Widen the roadway by 4 feet, upgrade rock block barrier, and place High Friction Surface Treatment (HFST).	33230 2021-22	R/W: \$64 Con: \$3,080	PA&ED: \$660 PS&E: \$1,460 R/W Sup: \$40 Con Sup: \$1,550	Prior 20-21 20-21 21-22	PA&ED: 3/30/2021 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 7/8/2022
<i>Carryover</i>			Subtotal: \$3,144	\$3,710		
			Total Project Cost:	\$6,854		

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

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 0.0/R38.9 5231 0717000108	In and near various cities, at various locations, from 0.2 mile south of Lakeview Canyon Road to Hobson Road Undercrossing. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33900 2021-22	R/W: \$80 Con: \$6,470	PA&ED: \$950 PS&E: \$2,800 R/W Sup: \$35 Con Sup: \$2,000	Prior Prior 21-22 21-22	PA&ED: 12/2/2019 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 5/5/2022
<i>Carryover</i>			Subtotal: \$6,550 Total Project Cost:	\$5,785 \$12,335		

Program 201.015 Collision Severity Reduction
Project Output(s) 9 Collision(s) reduced

07-Ventura-101 0.9/R39.2 5082 0716000225	In and near various cities, at various locations, from 0.2 mile north of Westlake Boulevard to 0.3 mile north of Hobson Road. Upgrade guardrails, end treatments, and bridge connections, and add vegetation control under guardrails. Remove and replace dikes.	33110 2021-22	R/W: \$29 Con: \$9,776	PA&ED: \$392 PS&E: \$1,733 R/W Sup: \$20 Con Sup: \$1,750	Prior Prior Prior 21-22	PA&ED: 12/2/2019 R/W Cert: 7/2/2021 RTL: 8/2/2021 Begin Con: 5/5/2022
<i>Carryover</i>			Subtotal: \$9,805 Total Project Cost:	\$3,895 \$13,700		

Program 201.015 Collision Severity Reduction
Project Output(s) 13 Collision(s) reduced

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-101 0.0/11.1 5030 0716000086	In and near Thousand Oaks, from Los Angeles County line to 0.3 mile north of Camarillo Springs Road. Construct access trails and Maintenance Vehicle Pullouts (MVPs), relocate irrigation facilities, install access gates, railings and breakaway post sleeves, pave gore, narrow and slope areas.	32560 2020-21	R/W: \$20 Con: \$4,915	PA&ED: \$514 PS&E: \$1,523 R/W Sup: \$46 Con Sup: \$2,117	Prior Prior 20-21 20-21	PA&ED: 12/2/2019 R/W Cert: 2/10/2021 RTL: 3/30/2021 Begin Con: 11/1/2021
Carryover			Subtotal: \$4,935 Total Project Cost:	\$4,200 \$9,135		
						<p align="right">Roadside Safety Improvements/Freeway Program 201.235 Maintenance Access Project Output(s) 94 Location(s)</p>

MANDATES

07-Ventura-1 0.0/28.5 5012 0716000067	In Ventura County, at various locations; also on Route 101 (PM 22.0/43.6), Route 34 (PM 4.3/17.7) and Route 150 (PM 2.5/34.4). Construct and install stormwater treatment Best Management Practices (BMPs) Including biofiltration swales, gross solid removal devices and Austin Vault Sand Filters.	32270 2021-22	R/W: \$126 Con: \$10,340	PA&ED: \$2,500 PS&E: \$2,650 R/W Sup: \$40 Con Sup: \$3,750	Prior 20-21 20-21 21-22	PA&ED: 7/2/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 7/5/2022
Carryover			Subtotal: \$10,466 Total Project Cost:	\$8,940 \$19,406		
						<p align="right">Program 201.335 Storm Water Mitigation Project Output(s) 90.6 Acre(s) treated/pollutant</p>

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-23 0.0/24.2 5391 0718000141 New	In and near Thousand Oaks, Moorpark, and Fillmore, from the Los Angeles County line to Route 126. Construct stormwater Best Management Practices (BMPs).	34840 2023-24	R/W: \$3,149 Con: \$2,477	PA&ED: \$2,264 PS&E: \$2,596 R/W Sup: \$1,738 Con Sup: \$1,724	20-21 21-22 21-22 23-24	PA&ED: 3/30/2022 R/W Cert: 2/29/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
			Subtotal: \$5,626	\$8,322		
			Total Project Cost:	\$13,948		

Program 201.335 Storm Water Mitigation
Project Output(s) 16.1 Acre(s) treated/pollutant

07-Ventura-33 T5.7/27.0 5508 0719000009 New	In and near Ojai, from Casitas Vista Road to 1.2 mile north of Rose Valley Road. Construct stormwater Best Management Practices (BMPs).	35520 2023-24	R/W: \$203 Con: \$3,154	PA&ED: \$1,672 PS&E: \$1,884 R/W Sup: \$199 Con Sup: \$2,246	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 9/30/2023 RTL: 10/30/2023 Begin Con: 7/30/2024
			Subtotal: \$3,357	\$6,001		
			Total Project Cost:	\$9,358		

Program 201.335 Storm Water Mitigation
Project Output(s) 10.8 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-33 27.0/42.9 5523 0719000031	Near Wheeler Springs, from 1.2 miles north of Rose Valley Road to north of Pine Mountain Ridge Road; also in and near Oxnard, from Oxnard Boulevard to Route 118 (PM 0.346/R4.110). Construct stormwater Best Management Practices (BMPs).	35680 2023-24	R/W: \$2,457 Con: \$1,700	PA&ED: \$1,705 PS&E: \$1,728 R/W Sup: \$587 Con Sup: \$1,338	20-21 21-22 21-22 23-24	PA&ED: 8/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 3/30/2025
New			Subtotal: \$4,157	\$5,358		
			Total Project Cost: \$9,515			

Program 201.335 Storm Water Mitigation
Project Output(s) 8.2 Acre(s) treated/pollutant

07-Ventura-118 1.2/1.8 5204 0716000375	Near the city of Ventura, from County Drive to Santa Clara River. Construct stormwater treatment Best Management Practices (BMPs) infiltration basin.	33600 2021-22	R/W: \$10 Con: \$6,011	PA&ED: \$950 PS&E: \$1,961 R/W Sup: \$44 Con Sup: \$1,680	Prior Prior Prior 21-22	PA&ED: 9/15/2021 R/W Cert: 3/18/2022 RTL: 3/30/2022 Begin Con: 11/15/2022
Carryover			Subtotal: \$6,021	\$4,635		
			Total Project Cost: \$10,656			

Program 201.335 Storm Water Mitigation
Project Output(s) 42.0 Acre(s) treated/pollutant

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-126 R13.2/R34.5 5519 0719000023	In and near Santa Paula and Fillmore, from South Hallock Drive to the Los Angeles County line. Construct stormwater Best Management Practices (BMPs)	35650 2023-24	R/W: \$354 Con: \$5,364	PA&ED: \$2,406 PS&E: \$3,490 R/W Sup: \$357 Con Sup: \$2,221	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 8/30/2023 RTL: 9/30/2023 Begin Con: 4/30/2024
<i>New</i>			Subtotal: \$5,718	\$8,474		
			Total Project Cost:	\$14,192		

Program 201.335 Storm Water Mitigation
Project Output(s) 59.7 Acre(s) treated/pollutant

07-Ventura-118 0.5/T18.8 5233 0717000119	In and near Ventura and Moorpark, from North Route 126 Junction (PM 0.516) to 0.3 mile west of Princeton Avenue. Reconstruct curb ramps, install Accessible Pedestrian Signals (APS) and upgrade thermoplastic pavement marking crosswalks.	33920 2021-22	R/W: \$55 Con: \$1,200	PA&ED: \$1,000 PS&E: \$500 R/W Sup: \$24 Con Sup: \$400	Prior 20-21 20-21 21-22	PA&ED: 9/11/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 8/15/2022
<i>Carryover</i>			Subtotal: \$1,255	\$1,924		
			Total Project Cost:	\$3,179		

Program 201.361 Americans with Disabilities Act New Curb
Project Output(s) 33 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	33.0	33.0	Each
Post Condition	33.0	0.0	0.0	33.0	Each

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 16.6/34.4 4746 0714000179	In and near cities of Ojal and Santa Paula, from Route 33 to Route 126. Construct and upgrade curb ramps and sidewalks to comply with Americans with Disabilities Act (ADA) standards.	30670 2021-22	R/W: \$556 Con: \$4,549	PA&ED: \$908 PS&E: \$1,000 R/W Sup: \$100 Con Sup: \$1,000	Prior Prior Prior 21-22	PA&ED: 4/17/2020 R/W Cert: 3/4/2022 RTL: 4/4/2022 Begin Con: 8/2/2022
Carryover			Subtotal: \$5,105 Total Project Cost:	\$3,008 \$8,113		

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 134 Curb ramp(s)

Supplementary

<u>Asset</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	134.0	134.0	Each
Post Condition	134.0	0.0	0.0	134.0	Each

BRIDGE PRESERVATION

07-Ventura-1 21.5 4972 0716000025	Near the city of Ventura, at Ventura Overhead No. 52-0040. Replace corroded steel spans of bridge and upgrade bridge railing to current standards.	31960 2021-22	R/W: \$983 Con: \$3,565	PA&ED: \$1,200 PS&E: \$2,500 R/W Sup: \$540 Con Sup: \$1,650	Prior Prior Prior 21-22	PA&ED: 6/26/2019 R/W Cert: 11/15/2021 RTL: 12/15/2021 Begin Con: 8/15/2022
Carryover			Subtotal: \$4,548 Total Project Cost:	\$5,890 \$10,438		

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

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	27,373.0	0.0	27,373.0	Square feet
Post Condition	27,373.0	0.0	0.0	27,373.0	Square feet

<u>Bridge Health</u>	<u>Existing Condition</u>	<u>Post Condition</u>
Bridge No. 52-0040	Fair	Good

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-1 28.2 4601 0713000099	Near Sea Cliff, at Willow Creek Bridge No. 52-003; also in Ojai, on Route 33 at North Fork Matilija Bridges No. 52 -0044 (PM 15.8) and No. 52-0173 (PM16.1). Upgrade bridge railings to meet current standards.	29650 2020-21	R/W: \$818 Con: \$2,657	PA&ED: \$958 PS&E: \$2,300 R/W Sup: \$465 Con Sup: \$2,000	Prior 20-21 20-21 20-21	PA&ED: 9/23/2019 R/W Cert: 4/30/2021 RTL: 6/1/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$3,475 Total Project Cost:	\$5,723 \$9,198		

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 724.0 Linear feet
3 Bridge(s)

**Primary Asset
(Bridge Rail)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	724.0	724.0	Linear feet rail
Post Condition	724.0	0.0	0.0	724.0	Linear feet rail

Bridge Health Existing Condition Post Condition

Bridge No. 52-0003	Good	Good
Bridge No. 52-0044	Good	Good
Bridge No. 52-0173	Fair	Good

07-Ventura-33 16.1 5008 0716000060	Near Ojai, at North Fork Matilija Creek No. 52-0173. Paint steel portion of bridge and replace missing rivets of bottom flanges for preventative maintenance to preserve and extend the life of bridge.	32300 2021-22	R/W: \$30 Con: \$660	PA&ED: \$320 PS&E: \$850 R/W Sup: \$50 Con Sup: \$620	Prior Prior Prior 21-22	PA&ED: 12/28/2018 R/W Cert: 7/21/2021 RTL: 8/15/2021 Begin Con: 12/31/2021
Carryover			Subtotal: \$690 Total Project Cost:	\$1,840 \$2,530		

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

**Primary Asset
(Bridge Health)**

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	1,636.0	1,636.0	Square feet
Post Condition	1,636.0	0.0	0.0	1,636.0	Square feet

Bridge Health Existing Condition Post Condition

Bridge No. 52-0173	Fair	Good
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V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



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

07-Ventura-1 21.3/27.1 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: \$14 Con: \$10,200	PA&ED: \$625 PS&E: \$1,850 R/W Sup: \$60 Con Sup: \$3,350	Prior 20-21 20-21 21-22	PA&ED: 7/15/2020 R/W Cert: 11/1/2021 RTL: 12/15/2021 Begin Con: 8/5/2022
Carryover			Subtotal: \$10,214	\$5,885		
			Total Project Cost:	\$16,099		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.7	0.0	11.7	Lane mile(s)
Post Condition	11.7	0.0	0.0	11.7	Lane mile(s)

07-Ventura-34 6.3/17.7 5515 0719000019	In and near Camarillo, from Rice Avenue to Route 118 (PM 17.663). Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35590 2023-24	R/W: \$484 * Con: \$26,040	PA&ED: \$1,598 PS&E: \$3,464 R/W Sup: \$2,125 * Con Sup: \$4,281	20-21 21-22 22-23 23-24	PA&ED: 11/30/2021 R/W Cert: 4/15/2024 RTL: 5/15/2024 Begin Con: 2/19/2025
New			Subtotal: \$26,524	\$11,468		
			Total Project Cost:	\$37,992		

* Construction Capital and * Construction Support phases are NOT authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 22.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	22.5	0.0	22.5	Lane mile(s)
Post Condition	22.5	0.0	0.0	22.5	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 15.6/R17.9 5432 0718000204	In Moorpark, from Montair Drive to Spring Road. Rehabilitate pavement, upgrade guardrail, upgrade Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	35170 2023-24	R/W: \$1,412 Con: \$16,744	PA&ED: \$1,260 PS&E: \$3,220 R/W Sup: \$1,764 Con Sup: \$2,620	20-21 21-22 21-22 23-24	PA&ED: 2/1/2022 R/W Cert: 3/22/2024 RTL: 3/29/2024 Begin Con: 11/15/2024
New			Subtotal: \$18,156	\$8,864		
			Total Project Cost:		\$27,020	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 8.2 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	5.0	3.2	8.2	Lane mile(s)
Post Condition	8.2	0.0	0.0	8.2	Lane mile(s)

07-Ventura-150 R13.3/19.0 5014 0716000069	In and near Ojai and Mira Monte, from Burham Road to Gorham Road. Cold plane and overlay pavement, upgrade guardrail and signs.	32370 2020-21	R/W: \$221 Con: \$5,588	PA&ED: \$600 PS&E: \$1,500 R/W Sup: \$250 Con Sup: \$1,700	Prior Prior Prior 20-21	PA&ED: 9/18/2019 R/W Cert: 6/1/2021 RTL: 6/15/2021 Begin Con: 2/15/2022
Carryover			Subtotal: \$5,809	\$4,050		
			Total Project Cost:		\$9,859	

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 11.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	11.4	0.0	11.4	Lane mile(s)
Post Condition	11.4	0.0	0.0	11.4	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-150 31.3/34.4 5353 0718000061	In and near Santa Paula, from north of Bridge Road to Route 126 (PM 34.398). Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate Transportation Management System (TMS) elements, and upgrade guardrail.	34450 2023-24	R/W: \$2,146 Con: \$6,358	PA&ED: \$687 PS&E: \$2,795 R/W Sup: \$2,522 Con Sup: \$1,809	20-21 21-22 21-22 23-24	PA&ED: 9/21/2021 R/W Cert: 2/15/2024 RTL: 3/15/2024 Begin Con: 11/11/2024
New			Subtotal: \$8,504 Total Project Cost:	\$7,813 \$16,317		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 6.3 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.1	0.2	6.3	Lane mile(s)
Post Condition	6.3	0.0	0.0	6.3	Lane mile(s)

07-Ventura-232 0.4/R4.1 5373 0718000079	In and near Oxnard, from Route 101 to Route 118. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail.	34680 2023-24	R/W: \$693 Con: \$9,982	PA&ED: \$768 PS&E: \$2,840 R/W Sup: \$472 Con Sup: \$2,859	20-21 21-22 21-22 23-24	PA&ED: 12/30/2021 R/W Cert: 2/28/2024 RTL: 3/30/2024 Begin Con: 12/30/2024
New			Subtotal: \$10,675 Total Project Cost:	\$6,939 \$17,614		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 14.7 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	13.2	1.5	14.7	Lane mile(s)
Post Condition	14.7	0.0	0.0	14.7	Lane mile(s)

V4.0 2020 SHOPP Project List
Ventura
(\$1,000)



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

07-Ventura-23 R3.6/T11.6 5365 0718000072	In Ventura and Los Angeles Counties, on various routes at various locations. Upgrade and install new Transportation Management System (TMS) elements, install Maintenance Vehicle Pullouts (MVPs), and upgrade communication system at the Los Angeles Regional Transportation Management Center (LARTMC).	34620 2022-23	R/W: \$22 Con: \$22,324	PA&ED: \$1,112 PS&E: \$3,517 R/W Sup: \$47 Con Sup: \$5,345	20-21 21-22 21-22 22-23	PA&ED: 7/30/2021 R/W Cert: 2/28/2023 RTL: 3/30/2023 Begin Con: 12/30/2023
New			Subtotal: \$22,346	\$10,021		
			Total Project Cost:	\$32,367		

Program 201.315 Transportation Management Systems
Project Output(s) 44 Field element(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0%		100.0%	36	Field element(s)
Post Condition	100.0%		0.0%	44	Field element(s)

07-Ventura-101 9.0/9.2 5081 0716000220	In Thousand Oaks and Camarillo, from Wendy Drive to Pleasant Valley Road, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace concrete slabs and repair and replace asphalt concrete.	33100 2020-21	R/W: \$8 Con: \$2,006	PA&ED: PS&E: \$1,550 R/W Sup: \$20 Con Sup: \$850	Prior Prior 20-21	PA&ED: 6/29/2016 R/W Cert: 7/10/2020 RTL: 8/10/2020 Begin Con: 6/8/2021
Carryover			Subtotal: \$2,014	\$2,420		
			Total Project Cost:	\$4,434		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

V4.0 2020 SHOPP Project List
Ventura
 (\$1,000)



Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
07-Ventura-118 13.3/15.6 5255 0717000194	In and near Moorpark, at the eastbound and westbound Commercial Vehicle Enforcement Facilities. Construct new modular office facility and install overhead truck scale on/off message signs.	34160 2021-22	R/W: \$181 Con: \$2,591	PA&ED: \$300 PS&E: \$800 R/W Sup: \$16 Con Sup: \$1,302	Prior Prior Prior 21-22	PA&ED: 10/1/2019 R/W Cert: 7/30/2021 RTL: 10/15/2021 Begin Con: 4/29/2022
Carryover			Subtotal: \$2,772	\$2,418		
			Total Project Cost:	\$5,190		

Program 201.321 Weigh Stations
Project Output(s) 2 Location(s)

Ventura County

R/W:	\$16,827	PA&ED:	\$32,432
Const:	\$271,925	PS&E:	\$63,937
		R/W Sup:	\$13,970
		Con Sup:	\$68,708
Subtotal:	\$288,752		\$179,047
Total (Capital + Support):			\$467,799

V4.0 2020 SHOPP Project List
Yolo
(\$1,000)



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

03-Yolo-16	In Esparto, from Orleans Street to	4F171	R/W: \$479	PA&ED: \$380	Prior	PA&ED: 6/29/2018
27.5/28.3	County Road 21A. Improve	2020-21	Con: \$3,468	PS&E: \$1,060	Prior	R/W Cert: 9/14/2020
8663	pedestrian safety by improving			R/W Sup: \$990	Prior	RTL: 10/1/2020
0318000208	crosswalks, curb bulb-outs, and			Con Sup: \$790	20-21	Begin Con: 2/4/2021
			Subtotal: \$3,947	\$3,220		
Carryover	lighting.		Total Project Cost:	\$7,167		

Program 201.015 Collision Severity Reduction
Project Output(s) 6 Collision(s) reduced

ROADWAY PRESERVATION

03-Yolo-80	In and near West Sacramento, from	4F650	R/W: \$866	PA&ED: \$10,337	Prior	PA&ED: 1/1/2022
4.3/R11.4	east of Mace Boulevard to	2023-24	* Con: \$239,000	PS&E: \$14,820	21-22	R/W Cert: 12/1/2023
8784	Sacramento River Bridge; also on			R/W Sup: \$4,010	21-22	RTL: 2/1/2024
0314000233	Route 50, from Route 80 to Jefferson			* Con Sup: \$25,530	23-24	Begin Con: 11/1/2024
			Subtotal: \$239,866	\$54,697		
Carryover	Rehabilitate pavement by placing		Total Project Cost:	\$294,563		

* Construction Capital and * Construction Support phases are NOT authorized
SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 48.0 Lane mile(s)

(G13 Contingency)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	43.8	3.1	48.0	Lane mile(s)
Post Condition	48.0	0.0	0.0	48.0	Lane mile(s)

V4.0 2020 SHOPP Project List

Yolo

(\$1,000)



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

R/W:	\$1,345	PA&ED:	\$10,717
Const:	\$242,468	PS&E:	\$15,880
		R/W Sup:	\$5,000
		Con Sup:	\$26,320

Subtotal: \$243,813 \$57,917

Total (Capital + Support): \$301,730

V4.0 2020 SHOPP Project List
Yuba
(\$1,000)



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

03-Yuba-20 0.1 8140 0313000033	In Marysville, at the Feather River Bridge No. 18-009. Scour mitigation and retrofit piers.	3F560 2020-21	R/W: \$1,887 Con: \$26,441	PA&ED: \$1,240 PS&E: \$2,700 R/W Sup: \$200 Con Sup: \$4,100	Prior 20-21 20-21 20-21	PA&ED: 1/25/2019 R/W Cert: 8/15/2020 RTL: 9/1/2020 Begin Con: 12/20/2020
			Subtotal: \$28,328	\$8,240		
<i>Carryover</i>			Total Project Cost:	\$36,568		

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

Primary Asset

(Scour)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	182,470.0	182,470.0	Square feet
Post Condition	182,470.0	0.0	0.0	182,470.0	Square feet

Bridge Health

	Existing Condition	Post Condition
Bridge No. 18-0009	Good	Good

03-Yuba-70 R11.2/13.5 9822 0316000082	Near Marysville, at Feather River Boulevard Overcrossing No. 16-0033 (PM 13.01) and South Marysville Undercrossing No. 16-0035 (PM 13.23). Upgrade bridge rails and construct median concrete barrier between project limits.	1H270 2022-23	R/W: \$10 Con: \$9,700	PA&ED: \$900 PS&E: \$1,540 R/W Sup: \$30 Con Sup: \$1,290	20-21 20-21 20-21 22-23	PA&ED: 1/4/2021 R/W Cert: 7/15/2022 RTL: 8/15/2022 Begin Con: 2/1/2023
			Subtotal: \$9,710	\$3,760		
<i>New</i>			Total Project Cost:	\$13,470		

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

Primary Asset

(Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	808.0	808.0	Linear feet rail
Post Condition	808.0	0.0	0.0	808.0	Linear feet rail

Bridge Health

	Existing Condition	Post Condition
Bridge No. 16-0033	Good	Good
Bridge No. 16-0035	Good	Good

V4.0 2020 SHOPP Project List
Yuba
(\$1,000)



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

03-Yuba-70 14.8/15.7 9820 0315000082	In and near Marysville, from south of 14th Street to north of Cemetery Road. Roadway rehabilitation.	0H160 2021-22	R/W: \$5,000 * Con: \$85,000	PA&ED: \$3,000 PS&E: \$3,500 R/W Sup: \$2,500 * Con Sup: \$12,000	Prior Prior Prior 21-22	PA&ED: 11/2/2020 R/W Cert: 3/1/2022 RTL: 3/15/2022 Begin Con: 7/25/2022
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(G13 Contingency)

Subtotal: \$90,000 \$21,000
Total Project Cost: \$111,000

Carryover

* Construction Capital and * Construction Support phases are NOT authorized
 SB1 Baseline Agreement Required

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 2.4 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	2.4	0.0	2.4	Lane mile(s)
Post Condition	2.4	0.0	0.0	2.4	Lane mile(s)

03-Yuba-65 R0.5/1.8 9732 0315000151	In and near Wheatland, from north of State Street to north of Evergreen Drive. Rehabilitate pavement, add bike lanes, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	0H370 2022-23	R/W: \$270 Con: \$4,400	PA&ED: \$400 PS&E: \$830 R/W Sup: \$510 Con Sup: \$580	20-21 20-21 20-21 22-23	PA&ED: 4/29/2021 R/W Cert: 2/20/2023 RTL: 3/1/2023 Begin Con: 8/1/2023
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Subtotal: \$4,670 \$2,320
Total Project Cost: \$6,990

New

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 2.5 Lane mile(s)

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.1	0.7	0.7	2.5	Lane mile(s)
Post Condition	2.5	0.0	0.0	2.5	Lane mile(s)

Yuba County

R/W: \$7,167 PA&ED: \$5,540
 Const: \$125,541 PS&E: \$8,570
 R/W Sup: \$3,240
 Con Sup: \$17,970

Subtotal: \$132,708 \$35,320
Total (Capital + Support): \$168,028

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[EXHIBIT I: 2020 SHOPP Long Lead Projects](#)

Long Lead Project List

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

V4.0 2020 SHOPP Long Lead Project List
Alpine
 (\$1,000)



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

10-Alpine-4 26.8/31.2 3406 1017000180	Near Loope, from 1.6 miles west of Wolf Creek Road to west of Route 89; also on Route 88 and Route 89 at various locations. Rehabilitate drainage systems.	1F720 2024-25	R/W: \$395 Con: \$3,320	* PA&ED: \$1,328 PS&E: \$840 R/W Sup: \$642 Con Sup: \$1,226	20-21 22-23 22-23 24-25	PA&ED: 9/20/2022 R/W Cert: 1/21/2025 RTL: 2/20/2025 Begin Con: 9/25/2025
<i>New Long Lead</i>	(Long Lead Project)		Subtotal: \$3,715	\$4,036		
			Total Project Cost	\$7,751		

* PA&ED phase(s) is authorized

Program 201.151 Drainage System Restoration
Project Output(s) 36 Culvert(s) (ea)

Note: Presence of historic properties and endangered species require extensive environmental consultations and clearances. A total of 19 parcels are anticipated to be acquired, and may delay schedule.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	714.7	1,719.3	2,434.0	Linear feet
Post Condition	2,434.0	0.0	0.0	2,434.0	Linear feet

Alpine County

R/W:	\$395	PA&ED:	\$1,328
Const:	\$3,320	PS&E:	\$840
		R/W Sup:	\$642
		Con Sup:	\$1,226
Subtotal:	\$3,715		\$4,036
Total (Capital + Support):			\$7,751

**V4.0 2020 SHOPP Long Lead Project List
Calaveras**



(\$1,000)

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

10-Calaveras-49 8.5/9.1 3434 1017000057	In Angels Camp, on Main Street from north of Stockton Road to north of Francis Street; also on Route 49 from 0.2 miles west and east of Main Street (PM R20.9/R21.3). Construct roundabouts, upgrade facilities to Americans with Disabilities Act (ADA) standards, and enhance pedestrian and bicyclist safety.	1H010 2024-25	R/W: \$3,201	* PA&ED: \$1,727	20-21	PA&ED: 7/29/2022
			Con: \$8,852	PS&E: \$2,158	22-23	R/W Cert: 5/2/2025
				R/W Sup: \$1,248	22-23	RTL: 5/30/2025
				Con Sup: \$1,479	24-25	Begin Con: 12/30/2025
			Subtotal: \$12,053		\$6,612	
			Total Project Cost:		\$18,665	

* PA&ED phase(s) is authorized

New Long
Lead

(Long Lead Project)

Note: Presence of historic properties and cultural resources require extensive environmental consultations and clearances. A total of 41 parcels are potentially impacted.

Program 201.310 Operational Improvements
Project Output(s) 204 Daily vehicle hour(s) of delay

Calaveras County

R/W:	\$3,201	PA&ED:	\$1,727
Const:	\$8,852	PS&E:	\$2,158
		R/W Sup:	\$1,248
		Con Sup:	\$1,479
Subtotal:		\$12,053	\$6,612
Total (Capital + Support):			\$18,665

V4.0 2020 SHOPP Long Lead Project List
Del Norte
 (\$1,000)



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

01-Del Norte-101 12.0/15.5 1112 0115000099	Near Crescent City, at Last Chance Grade, from Wilson Creek Bridge to 3.8 miles north of Wilson Creek Bridge. Permanent roadway restoration and realignment.	0F280 2030-31	* R/W: \$75 Con:	* PA&ED: \$10,000 PS&E: R/W Sup: Con Sup:	Prior	PA&ED: 2/16/2024 R/W Cert: 7/1/2030 RTL: 9/2/2030 Begin Con: 6/16/2031
Carryover Long Lead	(Long Lead Project)			Subtotal: \$75 Total Project Cost: \$10,075 * R/W, * PA&ED phase(s) is authorized		

Approximate project estimates: PA&ED \$50,000,000, R/W \$89,600,000, Con \$1,610,000,000.

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

Note: Complex and lengthy environmental consultation and permitting due to significant modification to existing infrastructure and remote location along the coastline. Due to complex structural design, longer design time is anticipated.

ROADWAY PRESERVATION

01-Del Norte-101 R3.9/23.6 1129 0118000190	Near Klamath and Crescent City, from south of Klamath River Bridge to south of Humboldt Road/Enderts Beach Road. Rehabilitate pavement and upgrade signs, guardrail, and Transportation Management System (TMS) elements.	0J210 2024-25	R/W: \$52 Con: \$37,221	* PA&ED: \$1,231 PS&E: \$1,121 R/W Sup: \$35 Con Sup: \$2,900	20-21 21-22 21-22 24-25	PA&ED: 10/7/2022 R/W Cert: 7/1/2024 RTL: 7/15/2024 Begin Con: 2/8/2025
New Long Lead	(Long Lead Project)			Subtotal: \$37,273 Total Project Cost: \$42,560 * PA&ED phase(s) is authorized		

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 45.2 Lane mile(s)

Note: Lengthy environmental studies and permitting anticipated. The project is located in the coastal zone, crosses the Yurok Reservation, and there are known endangered species within project limits.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	45.2	0.0	45.2	Lane mile(s)
Post Condition	45.2	0.0	0.0	45.2	Lane mile(s)

V4.0 2020 SHOPP Long Lead Project List
Del Norte
 (\$1,000)



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

R/W:	\$127	PA&ED:	\$11,231
Const:	\$37,221	PS&E:	\$1,121
		R/W Sup:	\$35
		Con Sup:	\$2,900
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Subtotal:	\$37,348		\$15,287
Total (Capital + Support):			\$52,635

V4.0 2020 SHOPP Long Lead Project List
Fresno
 (\$1,000)



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

06-Fresno-33 14.7/16.7 6927 0618000050 New Long Lead	In and near Coalinga, from south of Merced Avenue to north of Cambridge Avenue. Rehabilitate pavement, replace signs, upgrade guardrail and facilities to Americans with Disabilities Act (ADA) standards, and install Transportation Management System (TMS) elements.	0X290 2024-25	R/W: \$1,200	* PA&ED: \$1,700	20-21	PA&ED: 12/15/2022
			Con: \$8,300	PS&E: \$1,500	22-23	R/W Cert: 10/16/2024
				R/W Sup: \$2,000	22-23	RTL: 11/15/2024
				Con Sup: \$1,800	24-25	Begin Con: 5/22/2025
			Subtotal: \$9,500	\$7,000		
			Total Project Cost:	\$16,500		
			* PA&ED phase(s) is authorized			

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 6.3 Lane mile(s)

Note: Complexity and duration of environmental permitting due to potential impacts to cultural prehistoric and historic archaeological resources. As well, at least 26 parcels will be affected by the construction of ADA ramps, and will delay schedule.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	6.3	0.0	6.3	Lane mile(s)
Post Condition	6.3	0.0	0.0	6.3	Lane mile(s)

06-Fresno-168 R8.3/45.8 6992 0618000041 New Long Lead	In and near Clovis, from Fowler Avenue to east of Warbler Lane near Shaver Lake (PM R8.28/45.8) at various locations. Rehabilitate drainage systems.	0X220 2024-25	R/W: \$270	* PA&ED: \$4,500	20-21	PA&ED: 3/13/2023
			Con: \$17,800	PS&E: \$1,900	22-23	R/W Cert: 11/17/2024
				R/W Sup: \$1,000	22-23	RTL: 12/2/2024
				Con Sup: \$2,700	24-25	Begin Con: 6/9/2025
			Subtotal: \$18,070	\$10,100		
			Total Project Cost:	\$28,170		
			* PA&ED phase(s) is authorized			

Program 201.151 Drainage System Restoration
Project Output(s) 151 Culvert(s) (ea)

Note: Complexity and duration of environmental permitting due to potential impacts to cultural resources. Project involves 40 affected parcels.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	13,800.0	13,800.0	Linear feet
Post Condition	13,800.0	0.0	0.0	13,800.0	Linear feet

V4.0 2020 SHOPP Long Lead Project List
Fresno
 (\$1,000)



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

R/W:	\$1,470	PA&ED:	\$6,200
Const:	\$26,100	PS&E:	\$3,400
		R/W Sup:	\$3,000
		Con Sup:	\$4,500
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Subtotal:	\$27,570		\$17,100
Total (Capital + Support):			\$44,670

V4.0 2020 SHOPP Long Lead Project List Humboldt

(\$1,000)



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

01-Humboldt-101	In Rio Dell, at Eel River Bridge No. 04	0A111	R/W: \$44	* PA&ED: \$5,433	Prior	PA&ED: 12/16/2022
M53.9	-0016R. Seismic retrofit.	2024-25	Con: \$26,813	PS&E: \$5,113	22-23	R/W Cert: 5/16/2025
2301B				R/W Sup: \$216	22-23	RTL: 6/6/2025
0116000148	(Long Lead Project)			Con Sup: \$4,632	24-25	Begin Con: 12/17/2025
			Subtotal: \$26,857		\$15,394	
Carryover			Total Project Cost:		\$42,251	
Long Lead			* PA&ED phase(s) is authorized			

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

Note: Complex and lengthy environmental consultation and permitting due to work across the main channel and presence of endangered species.

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	64,314.0	64,314.0	Square feet
Post Condition	64,314.0	0.0	0.0	64,314.0	Square feet

01-Humboldt-101	In Eureka, at the Eureka Slough Bridge	0F200	R/W: \$3,837	* PA&ED: \$709	Prior	PA&ED: 9/16/2024
79.5/80.2	No. 04-0022L. Seismic retrofit.	2026-27	Con: \$3,695	PS&E: \$1,574	24-25	R/W Cert: 10/6/2026
2417				R/W Sup: \$75	24-25	RTL: 6/1/2027
0115000088	(Long Lead Project)			Con Sup: \$1,206	26-27	Begin Con: 10/20/2027
			Subtotal: \$7,532		\$3,564	
Carryover			Total Project Cost:		\$11,096	
Long Lead			* PA&ED phase(s) is authorized			

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

Note: Complex and lengthy environmental permitting due to impacts to permanent wetlands.

Primary Asset

(Seismic)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	31,893.0	31,893.0	Square feet
Post Condition	31,893.0	0.0	0.0	31,893.0	Square feet

V4.0 2020 SHOPP Long Lead Project List Humboldt



(\$1,000)

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

01-Humboldt-101 56.6/R137.1 2498 0117000246	In and near Fortuna, Eureka, Arcata, and Trinidad, from 1.0 mile south of Route 36/Fowler Lane to Del Norte County line at various locations.	0H650 2024-25	R/W: \$1,175 Con: \$16,193	* PA&ED: \$1,560 PS&E: \$1,368 R/W Sup: \$426 Con Sup: \$2,524	20-21 22-23 22-23 24-25	PA&ED: 5/19/2023 R/W Cert: 8/15/2024 RTL: 9/1/2024 Begin Con: 2/5/2025
			Subtotal: \$17,368			
			Total Project Cost: \$23,246			
			<i>* PA&ED phase(s) is authorized</i>			

New Long
Lead

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 74 Culvert(s) (ea)

Note: Complexity of environmental clearance at environmentally sensitive locations and lengthy railroad coordination is anticipated.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	104.0	328.0	7,535.0	7,967.0	Linear feet
Post Condition	8,067.0	0.0	0.0	8,067.0	Linear feet

01-Humboldt-254 0.0/43.0 2484 0117000140	Near Weott and Miranda, from north of Route 101 to 1.9 miles north of Holmes Flat Road at various locations. Rehabilitate culverts, reduce sediment loads to South Fork Eel River, and remove fish passage barriers.	0H240 2025-26	R/W: \$700 Con: \$23,757	* PA&ED: \$4,477 PS&E: \$2,692 R/W Sup: \$1,069 Con Sup: \$4,025	20-21 23-24 23-24 25-26	PA&ED: 6/3/2024 R/W Cert: 2/16/2026 RTL: 3/2/2026 Begin Con: 7/22/2026
			Subtotal: \$24,457			
			Total Project Cost: \$36,720			
			<i>* PA&ED phase(s) is authorized</i>			

New Long
Lead

(Long Lead Project)

Program 201.151 Drainage System Restoration
Project Output(s) 44 Culvert(s) (ea)

Note: Complex and lengthy environmental permitting due to significant mitigation work.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	117.0	196.0	2,468.0	2,781.0	Linear feet
Post Condition	3,176.0	0.0	0.0	3,176.0	Linear feet

**V4.0 2020 SHOPP Long Lead Project List
Humboldt**



(\$1,000)

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

R/W:	\$5,756	PA&ED:	\$12,179
Const:	\$70,458	PS&E:	\$10,747
		R/W Sup:	\$1,786
		Con Sup:	\$12,387
<hr/>			
Subtotal:	\$76,214		\$37,099
Total (Capital + Support):			\$113,313

V4.0 2020 SHOPP Long Lead Project List Kern



(\$1,000)

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

09-Kern-14 R12.6/16.7 2654 0918000036	Near Mojave, from 0.5 mile north of Silver Queen Road to 0.6 mile north of Business Route 58 (North). Rehabilitate roadway, install Transportation Management System (TMS) elements, upgrade facilities to Americans with Disabilities Act (ADA) standards, replace bridge railing, and enhance highway worker safety.	37520 2026-27	R/W: \$915 Con: \$36,034	* PA&ED: \$1,694 PS&E: \$1,681 R/W Sup: \$4,085 Con Sup: \$3,149	21-22 23-24 23-24 26-27	PA&ED: 6/1/2023 R/W Cert: 11/10/2026 RTL: 11/15/2026 Begin Con: 5/6/2027
New Long Lead			Subtotal: \$36,949	\$10,609		
			Total Project Cost: \$47,558			

* PA&ED phase(s) is authorized

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 21.0 Lane mile(s)

Note: Requires lengthy railroad coordination and utility relocations.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	19.6	1.4	21.0	Lane mile(s)
Post Condition	21.0	0.0	0.0	21.0	Lane mile(s)

06-Kern-99 21.2/24.6 6958 0618000059	In and near Bakersfield, from White Lane to California Avenue. Rehabilitate roadway, upgrade lighting, replace signs, rehabilitate drainage systems, and upgrade Transportation Management System (TMS) elements. (Additional \$30,000,000 from local contribution)	0X370 2025-26	R/W: \$20 Con: \$42,000	* PA&ED: \$5,000 PS&E: \$7,000 R/W Sup: \$270 Con Sup: \$14,000	20-21 22-23 22-23 25-26	PA&ED: 10/3/2022 R/W Cert: 7/1/2025 RTL: 7/15/2025 Begin Con: 4/1/2026
New Long Lead			Subtotal: \$42,020	\$26,270		
			Total Project Cost: \$68,290			

* PA&ED phase(s) is authorized

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 20.6 Lane mile(s)

Note: Complexity and duration of environmental permitting due to endangered species and financial coordination with local agencies.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	1.7	16.6	2.3	20.6	Lane mile(s)
Post Condition	18.3	2.3	0.0	20.6	Lane mile(s)

V4.0 2020 SHOPP Long Lead Project List Kern



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
06-Kern-5 4.4/10.2 6980 0618000063	Near Grapevine, from south of Fort Tejon Road to Grapevine Road Undercrossing. Rehabilitate roadway, replace signs, upgrade guardrail and Transportation Management System (TMS) elements, and rehabilitate drainage systems and lighting.	0W920 2024-25	R/W: \$100 Con: \$80,969	* PA&ED: \$2,908 PS&E: \$3,252 R/W Sup: \$101 Con Sup: \$8,328	20-21 23-24 23-24 24-25	PA&ED: 7/3/2023 R/W Cert: 7/3/2024 RTL: 8/15/2024 Begin Con: 3/3/2025
			Subtotal: \$81,069	\$14,589		
			Total Project Cost:	\$95,658		
			* PA&ED phase(s) is authorized			

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 23.2 Lane mile(s)

Note: Complexity and duration of environmental permitting due to endangered species, potential nesting bird, and coordination with permitting agencies.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.1	23.0	0.1	23.2	Lane mile(s)
Post Condition	23.2	0.0	0.0	23.2	Lane mile(s)

09-Kern-58 77.2/R88.6 2668 0919000006	Near Tehachapi, from east of Bealville Road to 3.4 miles east of Broome Road. Rehabilitate roadway, install Transportation Management System (TMS) elements, upgrade lighting, median barrier, guardrail, bridge railing, rehabilitate drainage systems, and enhance highway worker safety.	37920 2024-25	R/W: \$2,112 Con: \$145,856	* PA&ED: \$2,997 PS&E: \$3,117 R/W Sup: \$1,079 Con Sup: \$10,354	20-21 21-22 21-22 24-25	PA&ED: 6/2/2022 R/W Cert: 10/4/2024 RTL: 10/7/2024 Begin Con: 3/24/2025
			Subtotal: \$147,968	\$17,547		
			Total Project Cost:	\$165,515		
			* PA&ED phase(s) is authorized			

New Long Lead

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 45.0 Lane mile(s)

Note: Requires lengthy railroad coordination and potential right of way issues.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	41.3	3.7	45.0	Lane mile(s)
Post Condition	45.0	0.0	0.0	45.0	Lane mile(s)

V4.0 2020 SHOPP Long Lead Project List
Kern



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation FY	Milestones
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Kern County						
			R/W: \$3,147	PA&ED: \$12,599		
			Const: \$304,859	PS&E: \$15,050		
				R/W Sup: \$5,535		
				Con Sup: \$35,831		
			<hr/>			
			Subtotal: \$308,006	\$69,015		
			Total (Capital + Support):	\$377,021		

V4.0 2020 SHOPP Long Lead Project List Kings

(\$1,000)



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

06-Kings-41	Near Kettleman City, from Kern	0Y170	R/W: \$30	* PA&ED: \$1,400	20-21	PA&ED: 11/1/2022
0.0/15.5	County line to 0.5 mile south of Route	2024-25	Con: \$18,500	PS&E: \$1,700	22-23	R/W Cert: 7/1/2024
6988	5. Rehabilitate pavement, construct			R/W Sup: \$60	22-23	RTL: 7/15/2024
0619000004	rumble strips, and rehabilitate sign			Con Sup: \$2,800	24-25	Begin Con: 1/15/2025
	structures and drainage systems.					
			Subtotal: \$18,530	\$5,960		
			Total Project Cost:	\$24,490		
			* PA&ED phase(s) is authorized			

New Long
Lead

(Long Lead Project)

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 31.2 Lane mile(s)

Note: Complexity and duration of environmental permitting due to presence of biological and cultural resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	4.4	26.8	0.0	31.2	Lane mile(s)
Post Condition	31.2	0.0	0.0	31.2	Lane mile(s)

Kings County

R/W:	\$30	PA&ED:	\$1,400
Const:	\$18,500	PS&E:	\$1,700
		R/W Sup:	\$60
		Con Sup:	\$2,800
Subtotal:	\$18,530		\$5,960
Total (Capital + Support):			\$24,490

**V4.0 2020 SHOPP Long Lead Project List
Los Angeles**



(\$1,000)

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

07-Los Angeles-39 40.0/44.4 5381 0718000117	Near Falling Springs, from 1.8 miles north of Crystal Lake Road to Route 2. Rehabilitate and reopen a 4.4 mile segment of Route 39.	34770 2026-27	R/W: \$100	* PA&ED: \$7,900	20-21	PA&ED: 7/17/2024
			Con: \$35,000	PS&E: \$7,000	24-25	R/W Cert: 8/14/2026
				R/W Sup: \$100	24-25	RTL: 10/14/2026
				Con Sup: \$7,000	26-27	Begin Con: 5/14/2027

Subtotal: \$35,100 \$22,000
Total Project Cost: \$57,100

* PA&ED phase(s) is authorized

New Long
Lead (Long Lead Project)

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Note: Complex environmental issues due to the protected species, Nelson's Bighorn Sheep. This leads to risks to cost and schedule, as well as constructability concerns.

Los Angeles County

R/W:	\$100	PA&ED:	\$7,900
Const:	\$35,000	PS&E:	\$7,000
		R/W Sup:	\$100
		Con Sup:	\$7,000

Subtotal: \$35,100 \$22,000
Total (Capital + Support): \$57,100

V4.0 2020 SHOPP Long Lead Project List
Marin
(\$1,000)



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

04-Marín-37	In Novato, from Route 101 to 0.1 mile west of Atherton Avenue. Reconstruct the roadway to address sea level rise and recurrent flooding.	4Q320	R/W: \$19,700	* PA&ED: \$10,000	Prior	PA&ED: 1/15/2023
R11.2/13.7		2026-27	Con: \$820,500	PS&E: \$15,000	22-23	R/W Cert: 5/15/2026
5200				R/W Sup: \$2,000	26-27	RTL: 7/15/2026
0419000376				Con Sup: \$16,900	26-27	Begin Con: 5/1/2027

Subtotal: \$840,200 \$43,900

Total Project Cost: \$884,100

* PA&ED phase(s) is authorized

Carryover (Long Lead Project)
Long Lead

Program 201.999 Multiple Objective
Project Output(s) 2.5 Centerline mile(s)

Note: Studies for long-term improvements to address the sea level rise and recurrent flooding, complex environmental studies including lengthy coordination with multiple agencies, and substantial coordination with railroad, utility companies and adjacent owners.

Marin County

R/W:	\$19,700	PA&ED:	\$10,000
Const:	\$820,500	PS&E:	\$15,000
		R/W Sup:	\$2,000
		Con Sup:	\$16,900

Subtotal: \$840,200 \$43,900

Total (Capital + Support): \$884,100

V4.0 2020 SHOPP Long Lead Project List
Mariposa
 (\$1,000)



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

10-Mariposa-140	Near Midpines, at Slate Gulch Bridge	0X760	R/W: \$220	* PA&ED: \$4,520	20-21	PA&ED: 1/2/2024
37.0/43.3	No. 40-0006, Sweetwater Creek	2025-26	Con: \$22,810	PS&E: \$4,300	23-24	R/W Cert: 2/2/2026
3299	Bridge No. 40-0007, and South Fork			R/W Sup: \$400	23-24	RTL: 3/2/2026
1013000010	Merced River Bridge No. 40-0008.			Con Sup: \$8,810	25-26	Begin Con: 9/1/2026
	Replace bridges.					
			Subtotal: \$23,030	\$18,030		
			Total Project Cost:	\$41,060		
			* PA&ED phase(s) is authorized			

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 3 Bridge(s)

Note: The duration of environmental requirement for a Wild and Scenic River report will take over 40 months to complete.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	13,540.0	9,224.0	7,588.0	30,352.0	Square feet
Post Condition	30,352.0	0.0	0.0	30,352.0	Square feet

Mariposa County

R/W:	\$220	PA&ED:	\$4,520
Const:	\$22,810	PS&E:	\$4,300
		R/W Sup:	\$400
		Con Sup:	\$8,810
Subtotal:	\$23,030		\$18,030
Total (Capital + Support):			\$41,060

V4.0 2020 SHOPP Long Lead Project List Mendocino



(\$1,000)

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

01-Mendocino-101	Near Hopland, from La Franchi Road	0H140	R/W: \$393	* PA&ED: \$1,522	20-21	PA&ED: 5/1/2022
9.9/11.2	to north of First Street. Upgrade	2024-25	Con: \$10,828	PS&E: \$1,001	21-22	R/W Cert: 7/1/2024
4675	facilities to Americans with Disabilities			R/W Sup: \$864	21-22	RTL: 7/15/2024
0117000115	Act (ADA) standards, rehabilitate			Con Sup: \$998	24-25	Begin Con: 1/27/2025
	pavement, and upgrade signs,					
	guardrail, and Transportation					
	Management System (TMS) elements.					
			Subtotal: \$11,221	\$4,385		
			Total Project Cost:	\$15,606		
			* PA&ED phase(s) is authorized			

New Long
Lead

(Long Lead Project)

Americans with Disabilities Act New Curb
Program 201.361 Ramps
Project Output(s) 71 Curb ramp(s)

Note: Large number of environmental evaluations and parcel acquisitions are required.

Supplementary

Asset	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	67.0	67.0	Each
Post Condition	71.0	0.0	0.0	71.0	Each

ROADWAY PRESERVATION

01-Mendocino-101	In and near Ukiah, from north of	0H570	R/W: \$100	* PA&ED: \$480	20-21	PA&ED: 9/1/2021
21.0/R26.3	Robinson Creek Bridge to north of	2024-25	Con: \$41,201	PS&E: \$893	21-22	R/W Cert: 7/1/2024
4695	North State Street Undercrossing.			R/W Sup: \$50	21-22	RTL: 7/15/2024
0117000237	Rehabilitate roadway, upgrade			Con Sup: \$2,971	24-25	Begin Con: 1/27/2025
	facilities to Americans with Disabilities					
	Act (ADA) standards, upgrade					
	guardrail, lighting, and Transportation					
	Management System (TMS) elements,					
	and apply High Friction Surface					
	Treatment (HFST).					
			Subtotal: \$41,301	\$4,394		
			Total Project Cost:	\$45,695		
			* PA&ED phase(s) is authorized			

New Long
Lead

(Long Lead Project)

Program 201.122 Roadway Rehabilitation (2R)
Project Output(s) 20.4 Lane mile(s)

Note: Lengthy environmental processes to resolve complex cultural issues.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	20.4	0.0	20.4	Lane mile(s)
Post Condition	20.4	0.0	0.0	20.4	Lane mile(s)

**V4.0 2020 SHOPP Long Lead Project List
Mendocino**



(\$1,000)

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

R/W:	\$493	PA&ED:	\$2,002
Const:	\$52,029	PS&E:	\$1,894
		R/W Sup:	\$914
		Con Sup:	\$3,969
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Subtotal:	\$52,522		\$8,779
Total (Capital + Support):			\$61,301

V4.0 2020 SHOPP Long Lead Project List
Merced
 (\$1,000)



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

10-Merced-33 R13.2/17.5 3403 1017000018	Near Santa Nella, from Route 152 to south of Fahey Road (R13.238/17.5). Rehabilitate roadway, widen shoulders and bridges, install signals, rehabilitate drainage systems, install or replace Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1G660 2025-26	R/W: \$8,615 Con: \$51,220	* PA&ED: \$2,572 PS&E: \$2,965 R/W Sup: \$1,806 Con Sup: \$6,945	20-21 22-23 22-23 25-26	PA&ED: 5/5/2023 R/W Cert: 10/28/2025 RTL: 12/9/2025 Begin Con: 7/1/2026
			Subtotal: \$59,835	\$14,288		
			Total Project Cost:	\$74,123		
			* PA&ED phase(s) is authorized			

New Long
Lead

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 10.8 Lane mile(s)

Note: Presence of protected wetlands and endangered species in wildlife areas within the project require extensive environmental consultations and clearances.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	3.6	7.2	10.8	Lane mile(s)
Post Condition	10.8	0.0	0.0	10.8	Lane mile(s)

10-Merced-165 0.0/11.9 3408 1017000191	In and near Los Banos, from Route 5 to north of Henry Miller Avenue. Rehabilitate roadway, widen shoulders and bridge, replace bridge, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, construct turn lanes, and upgrade Transportation Management System (TMS) elements.	38220 2025-26	R/W: \$4,097 Con: \$34,810	* PA&ED: \$3,231 PS&E: \$3,633 R/W Sup: \$2,299 Con Sup: \$6,419	20-21 22-23 22-23 25-26	PA&ED: 4/28/2023 R/W Cert: 11/26/2025 RTL: 1/5/2026 Begin Con: 7/7/2026
			Subtotal: \$38,907	\$15,582		
			Total Project Cost:	\$54,489		
			* PA&ED phase(s) is authorized			

New Long
Lead

(Long Lead Project)

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 23.0 Lane mile(s)

Note: Complexity and duration of environmental permitting due to protected species. Right of way issue due to 60 affected parcels and utility relocations.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	23.0	0.0	23.0	Lane mile(s)
Post Condition	23.0	0.0	0.0	23.0	Lane mile(s)

V4.0 2020 SHOPP Long Lead Project List
Merced
 (\$1,000)



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

R/W:	\$12,712	PA&ED:	\$5,803
Const:	\$86,030	PS&E:	\$6,598
		R/W Sup:	\$4,105
		Con Sup:	\$13,364
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Subtotal:	\$98,742		\$29,870
Total (Capital + Support):			\$128,612

V4.0 2020 SHOPP Long Lead Project List
Mono
 (\$1,000)



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

09-Mono-395 76.0/80.6 2648 0918000018 New Long Lead (Long Lead Project)	Near Bridgeport, from south of Route	37460	R/W: \$75	* PA&ED: \$1,416	21-22	PA&ED: 06/01/2023
	182 to Buckeye Road. Rehabilitate	2025-26	Con: \$10,488	PS&E: \$695	22-23	R/W Cert: 09/01/2025
	pavement, upgrade facilities to			R/W Sup: \$383	22-23	RTL: 10/1/2025
	Americans with Disabilities Act (ADA)			Con Sup: \$2,531	25-26	Begin Con: 4/24/2026
	standards, replace guardrail, and					
rehabilitate drainage systems.			Subtotal: \$10,563	\$5,025		
			Total Project Cost:	\$15,588		
			* PA&ED phase(s) is authorized			

Program 201.120 Roadway Rehabilitation (3R)
Project Output(s) 9.2 Lane mile(s)

Note: Lengthy right of way efforts to acquire property rights from other governmental agencies and allow for utility relocations.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	9.2	0.0	9.2	Lane mile(s)
Post Condition	9.2	0.0	0.0	9.2	Lane mile(s)

Mono County

R/W:	\$75	PA&ED:	\$1,416
Const:	\$10,488	PS&E:	\$695
		R/W Sup:	\$383
		Con Sup:	\$2,531
Subtotal:	\$10,563		\$5,025
Total (Capital + Support):			\$15,588

V4.0 2020 SHOPP Long Lead Project List Monterey

(\$1,000)



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

05-Monterey-1 20.9/21.3 2524 0514000004	Near Lucia, from 0.1 mile south to 0.2 mile north of Limekiln Creek Bridge No. 44-0058. Replace bridge. (Long Lead Project)	1F510 2027-28	R/W: \$704 Con: \$64,644	* PA&ED: \$3,500 PS&E: \$9,598 R/W Sup: \$416 Con Sup: \$13,865	Prior 23-24 23-24 27-28	PA&ED: 12/2/2021 R/W Cert: 3/5/2025 RTL: 4/3/2028 Begin Con: 8/8/2028
Carryover Long Lead			Subtotal: \$65,348	\$27,379		
			Total Project Cost: \$92,727			
			* PA&ED phase(s) is authorized			

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

Note: Potential R/W concerns relating to a State Park and complexity and duration of environmental studies.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	60,592.0	60,592.0	Square feet
Post Condition	60,592.0	0.0	0.0	60,592.0	Square feet

ROADWAY PRESERVATION

05-Monterey-101 R28.2/100.3 2797 0518000084	In and near King City, Greenfield, Soledad, Gonzales, and Salinas, from Paris Valley Road Overcrossing to Dunbarton Road. Rehabilitate drainage systems, replace overhead signs and structures, and update Transportation Management System (TMS) elements. (Long Lead Project)	1J890 2024-25	R/W: \$168 Con: \$12,596	* PA&ED: \$2,391 PS&E: \$2,999 R/W Sup: \$985 Con Sup: \$3,697	20-21 22-23 22-23 24-25	PA&ED: 12/5/2022 R/W Cert: 11/27/2024 RTL: 12/16/2024 Begin Con: 7/17/2025
New Long Lead			Subtotal: \$12,764	\$10,072		
			Total Project Cost: \$22,836			
			* PA&ED phase(s) is authorized			

Program 201.151 Drainage System Restoration
Project Output(s) 30 Culvert(s) (ea)

Note: Presence of wetland resources, historic properties, and scenic resources require extensive environmental consultations and clearances.

Primary Asset

(Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	2,929.0	2,929.0	Linear feet
Post Condition	2,929.0	0.0	0.0	2,929.0	Linear feet

**V4.0 2020 SHOPP Long Lead Project List
Monterey**



(\$1,000)

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

05-Monterey-1	Near Lucia, north of Mill Creek Bridge.	OP300	R/W: \$100	* PA&ED: \$2,376	Prior	PA&ED: 9/2/2021
18.5/18.7	Stabilize highway segment caused by	2024-25	Con: \$9,402	PS&E: \$2,748	21-22	R/W Cert: 12/3/2024
3030	erosion.			R/W Sup: \$185	21-22	RTL: 1/3/2025
0516000047				Con Sup: \$4,400	24-25	Begin Con: 7/11/2025
	(Long Lead Project)		Subtotal: \$9,502	\$9,709		
Carryover			Total Project Cost:	\$19,211		
Long Lead			* PA&ED phase(s) is authorized			

Program 201.150 Roadway Protective Betterments
Project Output(s) 1 Location(s)

Note: Environmental Permits may require more than standard storm water treatment BMPs. This would affect cost, project foot print, possible R/W needs, and additional area for environmental review.

Monterey County

R/W:	\$972	PA&ED:	\$8,267
Const:	\$86,642	PS&E:	\$15,345
		R/W Sup:	\$1,586
		Con Sup:	\$21,962
Subtotal:	\$87,614		\$47,160
Total (Capital + Support):			\$134,774

V4.0 2020 SHOPP Long Lead Project List Nevada



(\$1,000)

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

03-Nevada-80	Near Floriston, at Truckee River Bridge	3H580	R/W: \$870	* PA&ED: \$3,500	20-21	PA&ED: 1/2/2024
27.6/28.5	No. 17-0063R/L. Replace two bridges	2026-27	Con: \$58,400	PS&E: \$4,230	23-24	R/W Cert: 9/15/2026
4306	with a single bridge.			R/W Sup: \$455	23-24	RTL: 10/2/2026
0318000016				Con Sup: \$7,080	26-27	Begin Con: 2/26/2027
	(Long Lead Project)		Subtotal: \$59,270		\$15,265	
	New Long Lead		Total Project Cost:		\$74,535	
			* PA&ED phase(s) is authorized			

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Note: A historic flume passes below the Truckee River Bridge. More advanced geotechnical and bridge studies may affect bridge layout with proximity to the flume thus requiring a higher level of environmental study and State Historic Preservation Office (SHPO) involvement.

Primary Asset (Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	16,436.0	15,640.0	0.0	32,076.0	Square feet
Post Condition	45,548.0	0.0	0.0	45,548.0	Square feet

Nevada County

R/W:	\$870	PA&ED:	\$3,500
Const:	\$58,400	PS&E:	\$4,230
		R/W Sup:	\$455
		Con Sup:	\$7,080
Subtotal:		\$59,270	\$15,265
Total (Capital + Support):			\$74,535

V4.0 2020 SHOPP Long Lead Project List Sacramento



(\$1,000)

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

03-Sacramento-5	In the city of Sacramento, at the West	1H610	R/W: \$674	* PA&ED: \$5,700	Prior	PA&ED: 4/16/2023
23.6/24.3	End Viaduct No. 24-0069L/R. Improve	2026-27	Con: \$36,060	PS&E: \$4,900	23-24	R/W Cert: 4/25/2026
5863	to standard truck capacity.			R/W Sup: \$400	23-24	RTL: 7/15/2026
0316000190				Con Sup: \$3,700	26-27	Begin Con: 11/7/2026
	(Long Lead Project)		Subtotal: \$36,734	\$14,700		
Carryover			Total Project Cost:	\$51,434		
Long Lead			* PA&ED phase(s) is authorized			

Program 201.322 Trans Permit Requirements for Bridges
Project Output(s) 2 Bridge(s)

Note: Schedule risk due to railroad coordination, land acquisitions, hazardous material, public input, and environmental permitting.

Primary Asset (Goods Movement)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	584,286.0	0.0	0.0	584,286.0	Square feet
Post Condition	584,286.0	0.0	0.0	584,286.0	Square feet

Sacramento County

R/W:	\$674	PA&ED:	\$5,700
Const:	\$36,060	PS&E:	\$4,900
		R/W Sup:	\$400
		Con Sup:	\$3,700
Subtotal:		\$36,734	\$14,700
Total (Capital + Support):		\$51,434	

**V4.0 2020 SHOPP Long Lead Project List
San Bernardino**



(\$1,000)

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

08-San Bernardino-40 153.9/154.7 3001S 0812000067 Carryover Long Lead	Near Needles, from Park Moabi Road	0R380	R/W: \$169	* PA&ED: \$2,650	Prior	PA&ED: 3/3/2023
	to Topock Road at the Colorado	2024-25	Con: \$28,800	PS&E: \$3,759	22-23	R/W Cert: 4/2/2025
	River Bridge No. 54-0415. Bridge			R/W Sup: \$431	22-23	RTL: 5/1/2025
	rehabilitation and/or replacement.			Con Sup: \$8,332	24-25	Begin Con: 1/26/2026
	Caltrans will be the lead agency and					
	will share half of all costs with ADOT					
	as indicated via a signed Letter of					
	Intent.					

Subtotal: \$28,969 \$15,172
Total Project Cost: \$44,141

* PA&ED phase(s) is authorized

(Long Lead Project)

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

Note: Complexity of environmental and geotechnical investigations. Extensive coordination required with Arizona resource agencies.

Primary Asset (Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	87,992.0	0.0	87,992.0	Square feet
Post Condition	107,410.0	0.0	0.0	107,410.0	Square feet

San Bernardino County

R/W:	\$169	PA&ED:	\$2,650
Const:	\$28,800	PS&E:	\$3,759
		R/W Sup:	\$431
		Con Sup:	\$8,332

Subtotal: \$28,969 \$15,172
Total (Capital + Support): \$44,141

V4.0 2020 SHOPP Long Lead Project List San Diego



(\$1,000)

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

11-San Diego-76 29.3/29.6 1195 1115000179 Carryover Long Lead	Near Pauma Valley, from 0.2 mile west to 0.1 mile east of Pauma Creek Bridge No. 57-0077; also 6.0 miles west of Santa Ysabel, at 1.8 miles west of San Luis Rey River Bridge at the Wigham Creek Culvert (PM 45.3). Remediate fish passage and improve water quality by replacing existing creek crossings with natural bottom bridges.	42220 2026-27	R/W: \$303 Con: \$14,300	* PA&ED: \$2,244 PS&E: \$3,680 R/W Sup: \$262 Con Sup: \$4,073	Prior 26-27 26-27 26-27	PA&ED: 8/11/2023 R/W Cert: 2/26/2027 RTL: 4/16/2027 Begin Con: 9/10/2027
			Subtotal: \$14,603	\$10,259		
			Total Project Cost: \$24,862			
			* PA&ED phase(s) is authorized			

(Long Lead Project)

Note: Extensive coordination with external agencies, hydrological and environmental studies, and property access issues.

Program 201.335 Storm Water Mitigation
Project Output(s) 140 Acre(s) treated/pollutant

BRIDGE PRESERVATION

11-San Diego-75 R20.5/R22.0 1065 1112000071 Carryover Long Lead	In the city of San Diego and Coronado, from San Diego-Coronado Bay Bridge to the Route 75/5 Connector Overcrossing. Bridge rehabilitation.	40940 2026-27	R/W: Con:	* PA&ED: \$2,593 PS&E: R/W Sup: Con Sup:	Prior 	PA&ED: 2/15/2022 R/W Cert: 5/22/2023 RTL: 4/8/2027 Begin Con: 11/9/2027
			Subtotal:	\$2,593		
			Total Project Cost: \$2,593			
			* PA&ED phase(s) is authorized			

(Long Lead Project)

Note: Extensive studies using most current seismological and geotechnical models are needed to evaluate the existing bridge piles.

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

Primary Asset (Bridge Health)	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	489,499.0	0.0	489,499.0	Square feet
Post Condition	489,499.0	0.0	0.0	489,499.0	Square feet

V4.0 2020 SHOPP Long Lead Project List
San Diego



(\$1,000)

Dist-Co-Rte Post Mile PPNO Project ID	Location/Description	EA Prog Year	Capital	Support	COS Allocation		Milestones
					FY		
11-San Diego-163 1.6/2.8 1276 1117000171	In the city of San Diego, at various locations from Quince Street Overcrossing (OC) Bridge No. 57 -0216K to Washington Street OC Bridge No. 57-0220. Replace bridge rail within Cabrillo Freeway Historic District.	43013 2024-25	R/W: \$256 Con: \$9,473	* PA&ED: \$4,740 PS&E: \$2,409 R/W Sup: \$212 Con Sup: \$3,633	Prior 22-23 22-23 24-25	PA&ED: 8/29/2022 R/W Cert: 2/18/2025 RTL: 4/8/2025 Begin Con: 8/11/2025	
Carryover Long Lead			Subtotal: \$9,729	\$10,994			
			Total Project Cost:	\$20,723			
			* PA&ED phase(s) is authorized				

(Long Lead Project)

Program 201.112 Bridge Rail Replacement and Upgrade
Project Output(s) 1959.0 Linear feet
4 Bridge(s)

Note: Extensive environmental studies are needed because all bridge locations are on a designated scenic highway and within a Historic District.

Primary Asset (Bridge Rail)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	1,959.0	1,959.0	Linear feet rail
Post Condition	1,959.0	0.0	0.0	1,959.0	Linear feet rail

San Diego County

R/W:	\$559	PA&ED:	\$9,577
Const:	\$23,773	PS&E:	\$6,089
		R/W Sup:	\$474
		Con Sup:	\$7,706
Subtotal:	\$24,332		\$23,846
Total (Capital + Support):			\$48,178

V4.0 2020 SHOPP Long Lead Project List
San Joaquin

(\$1,000)



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

10-San Joaquin-4 14.2 3401 1017000183	In Stockton, at San Joaquin River Bridge No. 29-0050. Rehabilitate movable bridge electrical and mechanical systems.	1H200 2025-26	R/W: \$30	* PA&ED: \$3,359	20-21	PA&ED: 8/18/2023
			Con: \$7,427	PS&E: \$1,030	23-24	R/W Cert: 11/5/2025
				R/W Sup: \$4	23-24	RTL: 12/5/2025
				Con Sup: \$1,051	25-26	Begin Con: 5/22/2026

Subtotal: \$7,457 \$5,444
Total Project Cost: \$12,901

* PA&ED phase(s) is authorized

New Long
Lead (Long Lead Project)

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

Note: Presence of endangered species,
historical site and cultural resources
require extensive environmental
consultations and clearances.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	0.0	7,696.0	7,696.0	Square feet
Post Condition	7,696.0	0.0	0.0	7,696.0	Square feet

10-San Joaquin-5 26.5 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 2024-25	R/W: \$13,000	* PA&ED: \$4,169	Prior	PA&ED: 10/30/2020
			Con: \$535,000	PS&E: \$17,000	24-25	R/W Cert: 8/30/2024
				R/W Sup: \$1,200	24-25	RTL: 9/30/2024
				Con Sup: \$24,300	24-25	Begin Con: 5/30/2025

Subtotal: \$548,000 \$46,669
Total Project Cost: \$594,669

* PA&ED phase(s) is authorized

Carryover
Long Lead (Long Lead Project)

Program 201.110 Bridge Major Rehabilitation
Project Output(s) 2 Bridge(s)

Note: Due to the complexity of the project,
a long duration of design time is
anticipated.

Primary Asset

(Bridge Health)	Good	Fair	Poor	Quantity	Unit
Existing Condition	0.0	532,145.0	0.0	532,145.0	Square feet
Post Condition	532,145.0	0.0	0.0	532,145.0	Square feet

**V4.0 2020 SHOPP Long Lead Project List
San Joaquin**



(\$1,000)

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

R/W:	\$13,030	PA&ED:	\$7,528
Const:	\$542,427	PS&E:	\$18,030
		R/W Sup:	\$1,204
		Con Sup:	\$25,351
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Subtotal:	\$555,457		\$52,113
Total (Capital + Support):			\$607,570

V4.0 2020 SHOPP Long Lead Project List San Luis Obispo

(\$1,000)



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

05-San Luis Obispo-1 18.2/72.0 1986 0518000098 New Long Lead	In and near San Luis Obispo, Moro Bay, and Cambria, from north of Westmont Drive to 2.3 miles south of Monterey County line at various locations. Rehabilitate drainage systems and reduce fish passage barriers.	0N120 2025-26	R/W: \$310 Con: \$3,220	* PA&ED: \$1,950 PS&E: \$2,200 R/W Sup: \$770 Con Sup: \$1,180	20-21 23-24 23-24 25-26	PA&ED: 9/1/2023 R/W Cert: 7/15/2025 RTL: 8/15/2025 Begin Con: 3/1/2026
				Subtotal: \$3,530	\$6,100	
				Total Project Cost:	\$9,630	
	<i>* PA&ED phase(s) is authorized</i>					
	(Long Lead Project)					

Program 201.151 Drainage System Restoration
Project Output(s) 13 Culvert(s) (ea)

Note: Complexity and duration to investigate impacts to cultural resources and fish passage permitting.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	210.0	47.0	1,285.0	1,542.0	Linear feet
Post Condition	1,542.0	0.0	0.0	1,542.0	Linear feet

05-San Luis Obispo-1 58.0/73.5 1965 0518000099 New Long Lead	Near San Simeon, from north of Hearst Castle Road to 0.9 mile south of Monterey County line; also in Monterey County near Gorda from north of Salmon Creek Bridge to Alder Creek Bridge (PM 3.86/7.94) at various locations. Rehabilitate drainage systems and reduce fish passage barriers.	OK340 2025-26	R/W: \$135 Con: \$2,767	* PA&ED: \$2,168 PS&E: \$2,428 R/W Sup: \$384 Con Sup: \$1,668	20-21 23-24 23-24 25-26	PA&ED: 2/9/2024 R/W Cert: 10/6/2025 RTL: 1/6/2026 Begin Con: 11/12/2026
				Subtotal: \$2,902	\$6,648	
				Total Project Cost:	\$9,550	
	<i>* PA&ED phase(s) is authorized</i>					
	(Long Lead Project)					

Program 201.151 Drainage System Restoration
Project Output(s) 7 Culvert(s) (ea)

Note: Presence of aesthetic, biological and cultural resources require extensive environmental consultations and clearances.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	322.0	802.0	1,124.0	Linear feet
Post Condition	1,124.0	0.0	0.0	1,124.0	Linear feet

**V4.0 2020 SHOPP Long Lead Project List
San Luis Obispo**



(\$1,000)

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

			R/W: \$445	PA&ED: \$4,118		
			Const: \$5,987	PS&E: \$4,628		
				R/W Sup: \$1,154		
				Con Sup: \$2,848		
			Subtotal: \$6,432	\$12,748		
			Total (Capital + Support):	\$19,180		

V4.0 2020 SHOPP Long Lead Project List Santa Barbara



(\$1,000)

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

05-Santa Barbara-101 12.4/22.6 2798 0518000085 New Long Lead	In and near the cities of Santa Barbara and Goleta, from south of Milpas Street Undercrossing to North Fairview Avenue. Rehabilitate pavement, replace bridge rail and seismic restoration, install Transportation Management Systems (TMS) elements, rehabilitate drainage systems, and enhance highway worker safety.	1J900 2025-26	R/W: \$266 Con: \$49,537	* PA&ED: \$3,325 PS&E: \$3,636 R/W Sup: \$346 Con Sup: \$7,293	20-21 22-23 22-23 25-26	PA&ED: 3/24/2023 R/W Cert: 3/21/2025 RTL: 10/22/2025 Begin Con: 5/12/2026
			Subtotal: \$49,803	\$14,600		
			Total Project Cost: \$64,403			

* PA&ED phase(s) is authorized

Program 201.121 Pavement Rehabilitation (CAPM)
Project Output(s) 56.6 Lane mile(s)

Note: Due to complexity and duration of environmental studies, including a Coastal Development Permit. Presence of jurisdictional wetlands and cultural, scenic, and biological resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	56.6	0.0	56.6	Lane mile(s)
Post Condition	56.6	0.0	0.0	56.6	Lane mile(s)

05-Santa Barbara-101 R0.0/R52.2 2799 0518000086 New Long Lead	In and near the cities of Carpinteria and Santa Barbara, from Ricon Point Road to south of Old Coast Highway at various locations. Rehabilitate drainage systems and install Transportation Management System (TMS) elements.	1J910 2026-27	R/W: \$761 Con: \$30,722	* PA&ED: \$3,493 PS&E: \$3,234 R/W Sup: \$1,277 Con Sup: \$5,724	20-21 23-24 23-24 26-27	PA&ED: 12/5/2023 R/W Cert: 10/3/2025 RTL: 8/6/2026 Begin Con: 2/16/2027
			Subtotal: \$31,483	\$13,728		
			Total Project Cost: \$45,211			

* PA&ED phase(s) is authorized

Program 201.151 Drainage System Restoration
Project Output(s) 40 Culvert(s) (ea)

Note: Due to complexity and duration of environmental studies, including a Coastal Development Permit. Presence of cultural and biological resources.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	4,676.0	4,676.0	Linear feet
Post Condition	4,676.0	0.0	0.0	4,676.0	Linear feet

**V4.0 2020 SHOPP Long Lead Project List
Santa Barbara**



(\$1,000)

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

R/W:	\$1,027	PA&ED:	\$6,818
Const:	\$80,259	PS&E:	\$6,870
		R/W Sup:	\$1,623
		Con Sup:	\$13,017
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Subtotal:	\$81,286		\$28,328
Total (Capital + Support):			\$109,614

**V4.0 2020 SHOPP Long Lead Project List
Santa Cruz**



(\$1,000)

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

05-Santa Cruz-17 0.0/12.5 2921 0518000233 New Long Lead	In and near the cities of Santa Cruz and Scotts Valley, from Route 1 to Santa Clara County line at various locations. Construct and install stormwater quality Best Management Practices (BMPs) and rehabilitate drainage systems.	1K670 2026-27	R/W: \$397	* PA&ED: \$1,381	20-21	PA&ED: 10/18/2023
			Con: \$4,632	PS&E: \$1,387	23-24	R/W Cert: 7/15/2026
				R/W Sup: \$276	23-24	RTL: 8/12/2026
				Con Sup: \$1,429	26-27	Begin Con: 4/13/2027
			Subtotal: \$5,029	\$4,473		
			Total Project Cost:	\$9,502		

* PA&ED phase(s) is authorized

(Long Lead Project)

Program 201.335 Storm Water Mitigation
Project Output(s) 8.4 Acre(s) treated/pollutant

Note: Complexity and duration of environmental permitting due to biological, cultural, and visual resources.

Santa Cruz County

R/W:	\$397	PA&ED:	\$1,381
Const:	\$4,632	PS&E:	\$1,387
		R/W Sup:	\$276
		Con Sup:	\$1,429
Subtotal:		\$5,029	\$4,473
Total (Capital + Support):		\$9,502	

V4.0 2020 SHOPP Long Lead Project List
Solano
(\$1,000)



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

04-Solano-80 1.8/5.7 2031H 0419000033 New Long Lead	In and near Vallejo, from west of Route 780 to Route 37 at various locations. Construct permanent Best Management Practices (BMPs) to achieve Statewide National Pollution Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2Q640	R/W: \$256	* PA&ED: \$1,080	20-21	PA&ED: 4/1/2023
		2024-25	Con: \$6,035	PS&E: \$2,038	22-23	R/W Cert: 2/1/2025
				R/W Sup: \$193	22-23	RTL: 3/1/2025
				Con Sup: \$1,631	24-25	Begin Con: 9/1/2025
				Subtotal: \$6,291	\$4,942	
			Total Project Cost: \$11,233			

* PA&ED phase(s) is authorized

(Long Lead Project)

Program 201.335 Storm Water Mitigation
Project Output(s) 50.3 Acre(s) treated/pollutant

Note: The environmental assessment is anticipated to take 30 months to complete and a potential R/W acquisition may require a minimum of 18 months to obtain.

Solano County

R/W:	\$256	PA&ED:	\$1,080
Const:	\$6,035	PS&E:	\$2,038
		R/W Sup:	\$193
		Con Sup:	\$1,631
Subtotal:	\$6,291		\$4,942
Total (Capital + Support):			\$11,233

V4.0 2020 SHOPP Long Lead Project List
Tulare
(\$1,000)



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

06-Tulare-245 0.0/33.0 6959 0618000016 New Long Lead	Near Visalia, from Route 198 to Fresno	OX070	R/W: \$186	* PA&ED: \$2,405	20-21	PA&ED: 10/3/2022
	County line at various locations.	2024-25	Con: \$10,970	PS&E: \$1,651	22-23	R/W Cert: 7/8/2024
	Rehabilitate drainage systems.			R/W Sup: \$1,095	22-23	RTL: 7/15/2024
				Con Sup: \$2,671	24-25	Begin Con: 3/3/2025
	(Long Lead Project)		Subtotal: \$11,156		\$7,822	
			Total Project Cost:		\$18,978	
			* PA&ED phase(s) is authorized			

Program 201.151 Drainage System Restoration
Project Output(s) 157 Culvert(s) (ea)

Note: Presence of protected wetlands, archeological and biological resources, and endangered species requires extensive environmental consultations and clearances.

Primary Asset

	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>	<u>Unit</u>
Existing Condition	0.0	0.0	6,621.0	6,621.0	Linear feet
Post Condition	6,621.0	0.0	0.0	6,621.0	Linear feet

Tulare County

R/W:	\$186	PA&ED:	\$2,405
Const:	\$10,970	PS&E:	\$1,651
		R/W Sup:	\$1,095
		Con Sup:	\$2,671
Subtotal:		\$11,156	\$7,822
Total (Capital + Support):			\$18,978

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[EXHIBIT J: Pre 2020 SHOPP Projects](#)

Pre 2020 SHOPP Projects

Projects allocated in prior SHOPP documents currently in construction.

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
001	0118000177	01	0J160	8503	7/1/2020	Major Damage
002	0318000002	03	3H460	8668	7/1/2020	Major Damage
003	0414000024	04	0J670	0481J	7/1/2020	Collision Reduction
004	0413000097	04	4H080	0448E	7/1/2020	Bridge
005	0514000111	05	1G140	2587	7/1/2020	Pavement
006	0613000243	06	0Q820	6749	7/1/2020	Drainage
007	0618000019	06	48464	6891	7/1/2020	Mobility
008	0700021842	07	28270	4293	7/1/2020	Collision Reduction
009	0812000336	08	1C610	0028C	7/1/2020	Mandates
010	1014000108	10	1C290	3088	7/1/2020	Pavement
011	1015000113	10	1E770	3158	7/1/2020	Drainage
012	1214000042	12	0M480	3799	7/1/2020	Mandates
013	1220000008	12	0S260	3789A	7/1/2020	Major Damage
014	0812000339	08	1C640	0033R	7/2/2020	Mobility
015	0213000057	02	4F990	3529	7/6/2020	Pavement
016	0416000148	04	0K840	1496B	7/6/2020	Safety
017	0512000240	05	1C850	2432	7/7/2020	Pavement
018	0315000203	03	0H530	6712	7/10/2020	Mobility
019	0518000009	05	1J660	2758	7/10/2020	Major Damage
020	0714000006	07	30340	4697	7/10/2020	Pavement
021	0714000007	07	30350	4698	7/10/2020	Pavement
022	1113000090	11	41660	1163	7/10/2020	Safety
023	1115000026	11	42030	1135	7/10/2020	Safety
024	1115000060	11	42080	1174	7/10/2020	Mobility
025	1119000081	11	4306U	1283	7/10/2020	Drainage
026	0119000055	01	0J570	1132	7/15/2020	Major Damage
027	0415000334	04	4J370	16543	7/15/2020	Mobility
028	0613000145	06	0Q180	6673	7/15/2020	Bridge
029	0713000161	07	25710	3821	7/15/2020	Mobility
030	0819000008	08	1K270	3012U	7/15/2020	Major Damage
031	1015000002	10	1C530	3129	7/15/2020	Roadway Preservation

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
032	0315000197	03	0H470	6711	7/23/2020	Pavement
033	0413000052	04	4G850	0681Q	7/24/2020	Bridge
034	0715000297	07	31840	4904	7/24/2020	Safety
035	0514000055	05	1F700	2540	7/28/2020	Pavement
036	0500000049	05	0F700	7000	7/30/2020	Bridge
037	0713000492	07	30070	4679	7/30/2020	Pavement
038	0713000489	07	30080	4680	7/30/2020	Pavement
039	0715000063	07	31230	4833	7/30/2020	Mandates
040	0716000117	07	32660	5037	7/30/2020	Safety
041	0414000530	04	2J570	1485Q	7/31/2020	Major Damage
042	0419000281	04	3Q910		7/31/2020	Major Damage
043	0419000284	04	3Q930	2030C	7/31/2020	Major Damage
044	0419000306	04	4Q030	2030G	7/31/2020	Major Damage
045	0419000347	04	4Q110	2030Q	7/31/2020	Major Damage
046	0419000351	04	4Q140	2031A	7/31/2020	Major Damage
047	0419000390	04	4Q410	0751E	7/31/2020	Major Damage
048	0500020020	05	0G040	0040B	7/31/2020	Pavement
049	0700021272	07	25262	3725B	7/31/2020	Pavement
050	1112000193	11	41480	1068	7/31/2020	Safety
051	0614000051	06	0R170	6700	8/1/2020	Collision Reduction
052	0600020148	06	46150	6508	8/1/2020	Pavement
053	1213000102	12	0N100	4839A	8/1/2020	Collision Reduction
054	0119000013	01	0J370	7025	8/2/2020	Major Damage
055	0413000462	04	0J380	0482S	8/3/2020	Major Damage
056	0613000037	06	0E320	3729	8/3/2020	Collision Reduction
057	0616000183	06	0T301	6814	8/3/2020	Facilities
058	0714000216	07	30720	4767	8/3/2020	Safety
059	0812000334	08	1C590	3001Y	8/3/2020	Mandates
060	1213000036	12	0M910	4317	8/5/2020	Mandates
061	1015000005	10	0S120	3139	8/12/2020	Drainage
062	0819000030	08	1K390	3013E	8/14/2020	Major Damage
063	1115000132	11	41132	1166	8/14/2020	Collision Reduction

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
064	1016000075	10	1C460	3202	8/15/2020	Safety
065	1215000009	12	0N930	2403A	8/15/2020	Drainage
066	0817000103	08	1H660	3007E	8/20/2020	Multiple Objective
067	0518000223	05	1K570	2908	8/21/2020	Major Damage
068	0517000054	05	1J040	2705	8/28/2020	Multiple Objective
069	0313000139	03	3F570	5959	9/1/2020	Bridge
070	0414000025	04	0J680	0480E	9/1/2020	Collision Reduction
071	0417000051	04	2K660	1464E	9/1/2020	Major Damage
072	0713000031	07	29640	4594	9/1/2020	Collision Reduction
073	0812000100	08	0K293	0163C	9/1/2020	Pavement
074	0815000168	08	38423	3009A	9/1/2020	Mobility
075	1013000247	10	0X710	3120	9/2/2020	Collision Reduction
076	0516000016	05	0N200	4020	9/3/2020	Mobility
077	0819000012	08	1K300	3012W	9/3/2020	Major Damage
078	1116000097	11	42550	1237	9/4/2020	Roadway Preservation
079	1013000241	10	0X690	3110	9/7/2020	Collision Reduction
080	0514000140	05	1G310	2595	9/8/2020	Safety
081	0118000075	01	0H700	1127	9/9/2020	Major Damage
082	0518000222	05	1K560	2907	9/9/2020	Major Damage
083	0219000073	02	0J220	3746	9/14/2020	Major Damage
084	0514000138	05	1G300	2594	9/15/2020	Safety
085	0616000209	06	0V750	6888	9/15/2020	Roadside Preservation
086	0715000065	07	31250	4835	9/15/2020	Mandates
087	0715000067	07	31260	4836	9/15/2020	Mandates
088	0715000069	07	31280	4838	9/15/2020	Mandates
089	0715000092	07	31360	4847	9/15/2020	Drainage
090	0716000212	07	33020	5076	9/15/2020	Safety
091	0716000306	07	33340	5180	9/15/2020	Major Damage
092	0713000241	07	3X870	4567	9/15/2020	Major Damage
093	0700020042	07	4Y850	4383	9/15/2020	Bridge
094	1014000145	10	1C300	5002	9/15/2020	Mobility
095	0219000083	02	0J270	3747	9/30/2020	Major Damage

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
096	0415000338	04	2J750	1483K	9/30/2020	Bridge
097	0518000226	05	1K600	2912	9/30/2020	Major Damage
098	0518000227	05	1K610	2912	9/30/2020	Major Damage
099	0713000194	07	29750	4617	9/30/2020	Collision Reduction
100	0714000073	07	30460	4719	9/30/2020	Mobility
101	1014000158	10	0V110	3130	9/30/2020	Safety
102	1216000070	12	0P980	2930	9/30/2020	Safety
103	0113000060	01	0C810	3096	10/1/2020	Safety
104	0114000002	01	0E240	4589	10/1/2020	Bridge
105	0118000074	01	0H690	1128	10/1/2020	Major Damage
106	0213000001	02	4F510	3506	10/1/2020	Safety
107	0315000165	03	0H410	8571	10/1/2020	Mobility
108	0300001105	03	1F190	6200	10/1/2020	Mobility
109	0316000188	03	1H600	3631	10/1/2020	Major Damage
110	0300000458	03	3C380	3258	10/1/2020	Mandates
111	0318000128	03	4H020	3855	10/1/2020	Safety
112	0414000030	04	0J720	1487G	10/1/2020	Mandates
113	0615000043	06	0T250	6747	10/1/2020	Mandates
114	0615000207	06	0U120	6751	10/1/2020	Bridge
115	0818000175	08	1E611	3010Q	10/1/2020	Safety
116	1212000052	12	0H045	4956	10/1/2020	Mobility
117	1213000187	12	0N270	4644A	10/1/2020	Mobility
118	1214000073	12	0N630	3510	10/1/2020	Safety
119	1214000124	12	0N870	4769	10/1/2020	Safety
120	0318000026	03	3H640	4137	10/2/2020	Safety
121	0514000118	05	1G160	2590	10/2/2020	Mandates
122	1214000115	12	0N840	4096P	10/9/2020	Safety
123	0516000151	05	1H780	2688	10/14/2020	Major Damage
124	0817000219	08	1C29U	3003F	10/14/2020	Collision Reduction
125	0819000058	08	1K520	3013N	10/14/2020	Major Damage
126	0116000008	01	0F440	4626	10/15/2020	Pavement
127	0200000080	02	1C750	3208	10/15/2020	Bridge

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
128	0317000154	03	2H550	5129	10/15/2020	Multiple Objective
129	1015000007	10	0Y800	3137	10/15/2020	Roadway Preservation
130	0116000031	01	36270	0154T	10/16/2020	Pavement
131	1013000148	10	0H560	3275	10/29/2020	Mobility
132	0318000331	03	4H550	4901	10/30/2020	Safety
133	0414000487	04	1A210	0763L	10/30/2020	Mobility
134	0414000515	04	2J440	1482K	10/30/2020	Safety
135	0700021023	07	28820	4419	10/30/2020	Mandates
136	0714000030	07	30190	4707	10/30/2020	Collision Reduction
137	0815000016	08	1F690	0066Q	10/30/2020	Pavement
138	0300020624	03	2F590	9588	11/1/2020	Safety
139	0318000003	03	3H470	3327	11/1/2020	Major Damage
140	0318000115	03	3H970	3330	11/1/2020	Major Damage
141	0318000116	03	3H980	3636	11/1/2020	Major Damage
142	0613000152	06	0Q190	6674	11/1/2020	Bridge
143	1213000100	12	0N080	2859A	11/1/2020	Collision Reduction
144	0318000216	03	4F172	8663A	11/2/2020	Safety
145	0500020284	05	1A000	2313	11/2/2020	Safety
146	0812000270	08	1C300	3001U	11/2/2020	Collision Reduction
147	0815000047	08	1F780	3006H	11/2/2020	Safety
148	0914000030	09	36370	2617	11/2/2020	Safety
149	0917000054	09	37270	2643	11/2/2020	Multiple Objective
150	1217000084	12	0Q660	3458A	11/2/2020	Pavement
151	1017000155	10	0W902	3010B	11/4/2020	Mandates
152	0816000162	08	1H140	3006X	11/5/2020	Safety
153	0413000162	04	4H580	0483W	11/6/2020	Pavement
154	0614000047	06	0Q900	6766	11/10/2020	Bridge
155	0513000021	05	1C980	2452	11/12/2020	Collision Reduction
156	0314000272	03	0C472	8655A	11/15/2020	Safety
157	0615000037	06	0T210	6732	11/18/2020	Pavement
158	0319000026	03	4H690	5962	11/22/2020	Major Damage
159	0514000051	05	1F760	2538	11/25/2020	Pavement

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
160	0412000644	04	2A11A	0348J	11/26/2020	Bridge
161	0212000071	02	4F200	3483	11/30/2020	Bridge
162	0214000011	02	4G420	3544	11/30/2020	Pavement
163	0317000157	03	2H570	6717	11/30/2020	Mobility
164	0716000234	07	33170	5085	11/30/2020	Safety
165	0112000287	01	0C470	1094	12/1/2020	Collision Reduction
166	0113000094	01	0C970	2375	12/1/2020	Safety
167	0115000092	01	0F220	2418	12/1/2020	Mobility
168	0115000115	01	0F360	2422	12/1/2020	Pavement
169	0117000043	01	0G650	4657	12/1/2020	Major Damage
170	0313000135	03	3F530	3304	12/1/2020	Bridge
171	0418000170	04	0Q890	2025U	12/1/2020	Major Damage
172	0400021103	04	2G660	0144A	12/1/2020	Mandates
173	0414000488	04	2J320	1482G	12/1/2020	Mobility
174	0417000019	04	2K750	1452D	12/1/2020	Pavement
175	0414000305	04	4G113	1463D	12/1/2020	Mobility
176	0512000135	05	1C370	2387	12/1/2020	Bridge
177	0614000030	06	0R110	6802	12/1/2020	Drainage
178	0615000052	06	0T280	6735	12/1/2020	Roadside Preservation
179	0712000109	07	29230	4505	12/1/2020	Safety
180	1015000004	10	1C690	3119	12/1/2020	Drainage
181	0117000052	01	0G710	2462	12/2/2020	Multiple Objective
182	0415000008	04	2J810	1483N	12/2/2020	Collision Reduction
183	0817000074	08	1H530	3006W	12/2/2020	Mobility
184	1216000122	12	0Q290	3279	12/2/2020	Safety
185	0714000086	07	30490	4722	12/3/2020	Mandates
186	0413000058	04	4G880	0086Q	12/8/2020	Bridge
187	0112000284	01	0C440	2365	12/10/2020	Collision Reduction
188	0614000220	06	0S550	6964	12/15/2020	Collision Reduction
189	0416000091	04	0K470	1494K	12/16/2020	Bridge
190	0717000344	07	1XF00		12/17/2020	Major Damage
191	0714000105	07	30570	4730	12/18/2020	Bridge

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
192	0216000041	02	1H390	3630	12/20/2020	Bridge
193	0514000049	05	1F740	2546	12/23/2020	Pavement
194	0215000086	02	0H760	3599	12/24/2020	Pavement
195	0700000525	07	27610	4174	12/24/2020	Mandates
196	0714000238	07	3009U	4681	12/24/2020	Pavement
197	1016000022	10	1C880	3206	12/24/2020	Bridge
198	0213000132	02	4C150	3314	12/27/2020	Drainage
199	0314000288	03	4F800	2112	12/27/2020	Mandates
200	1015000001	10	1C620	3147	12/28/2020	Mobility
201	0218000060	02	0H69U	3592	12/29/2020	Roadway Preservation
202	0214000025	02	4G560	3550	12/29/2020	Drainage
203	0400020616	04	1G840	0730E	12/30/2020	Mandates
204	0415000009	04	2J820	1483P	12/30/2020	Collision Reduction
205	0415000085	04	2J840	1487F	12/30/2020	Mandates
206	0513000169	05	0T001	2267Y	12/30/2020	Safety
207	0700021123	07	28910	4457	12/30/2020	Mobility
208	0713000149	07	29740	4614	12/30/2020	Safety
209	0717000172	07	34040	5247	12/30/2020	Mobility
210	0717000173	07	34050	5246	12/30/2020	Mobility
211	0717000174	07	34060	5245	12/30/2020	Mobility
212	1012000055	10	0P550	0338	12/30/2020	Bridge
213	0214000026	02	4G570	3551	12/31/2020	Collision Reduction
214	0214000028	02	4G610	3555	12/31/2020	Collision Reduction
215	0418000164	04	0Q850	2022J	12/31/2020	Major Damage
216	0412000153	04	3G690	8315N	12/31/2020	Bridge
217	0415000088	04	3J110	1487Q	12/31/2020	Safety
218	0716000112	07	32610	5036	12/31/2020	Major Damage
219	0815000170	08	1G210	3003X	12/31/2020	Mobility
220	0117000009	01	0G480	4652	1/1/2021	Safety
221	0117000013	01	0G510	7024	1/1/2021	Safety
222	0100000158	01	40950	2270	1/1/2021	Drainage
223	0119000032	01	40951	2524	1/1/2021	Drainage

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
224	0419000370	04	4Q260	2031F	1/1/2021	Major Damage
225	0312000026	03	2F980	2950	1/2/2021	Pavement
226	0617000066	06	0V920	6880	1/4/2021	Mobility
227	0815000055	08	1F830	3001A	1/4/2021	Major Damage
228	0415000362	04	2G482	0124L	1/6/2021	Mandates
229	0714000008	07	30330	4696	1/6/2021	Pavement
230	0214000036	02	4G550	3560	1/15/2021	Pavement
231	1013000254	10	0E960	0335	1/15/2021	Pavement
232	1116000095	11	42500	1201	1/15/2021	Safety
233	0219000153	02	0J720	3764	1/19/2021	Major Damage
234	1016000023	10	1C860	3198	1/20/2021	Bridge
235	0714000177	07	30650	4744	1/22/2021	Mandates
236	0213000032	02	4F780	3523	1/28/2021	Collision Reduction
237	0414000287	04	1J600	0448R	1/29/2021	Safety
238	0512000107	05	1C250	2378	1/29/2021	Safety
239	0714000032	07	30180	4706	1/29/2021	Collision Reduction
240	0714000057	07	30410	4714	1/29/2021	Collision Reduction
241	1116000094	11	42490	1200	1/29/2021	Safety
242	0116000045	01	0F690	2435	2/1/2021	Safety
243	0313000137	03	3F550	9427	2/1/2021	Bridge
244	0800000536	08	0N670	0056H	2/1/2021	Safety
245	1214000054	12	0N510	2841	2/1/2021	Collision Reduction
246	0415000147	04	3J300	1490A	2/3/2021	Roadway Preservation
247	0714000055	07	30420	4715	2/5/2021	Collision Reduction
248	0714000097	07	30510	4724	2/5/2021	Mobility
249	0715000007	07	31080	4809	2/5/2021	Collision Reduction
250	0713000016	07	29510	4586	2/8/2021	Collision Reduction
251	0713000035	07	29610	4598	2/8/2021	Collision Reduction
252	0713000030	07	29630	4593	2/8/2021	Collision Reduction
253	1216000007	12	0P720	3575	2/10/2021	Safety
254	0713000018	07	29540	4710	2/12/2021	Collision Reduction
255	0514000040	05	1F630	2532	2/19/2021	Mandates

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
256	0119000069	01	0J630	8510	2/25/2021	Major Damage
257	0414000023	04	0J660	0481T	2/25/2021	Collision Reduction
258	0414000027	04	0J700	0481V	2/26/2021	Mobility
259	1214000037	12	0H234	1984	2/26/2021	Mobility
260	1213000196	12	0N320	4609B	2/26/2021	Pavement
261	0119000074	01	0J650	4728	2/28/2021	Major Damage
262	0418000166	04	0Q870	2025T	2/28/2021	Major Damage
263	0119000076	01	0J670	4729	3/1/2021	Major Damage
264	0119000079	01	0J700	4730	3/1/2021	Major Damage
265	0119000080	01	0J710	4731	3/1/2021	Major Damage
266	0615000035	06	0T200	6731	3/1/2021	Pavement
267	1200020302	12	0M090	4097C	3/1/2021	Mandates
268	1215000082	12	0N822	2200C	3/1/2021	Mobility
269	1214000077	12	0N660	4795A	3/15/2021	Safety
270	0713000435	07	30040	4676	3/24/2021	Mandates
271	0217000032	02	2H890	3671	3/26/2021	Multiple Objective
272	0217000110	02	3H430	3691	3/26/2021	Multiple Objective
273	1216000123	12	0Q300	2861F	3/29/2021	Safety
274	0700020923	07	28670	4387	3/30/2021	Mandates
275	0714000224	07	30800	4775	3/30/2021	Pavement
276	0715000066	07	31220	4832	3/30/2021	Mandates
277	0715000093	07	31370	4848	3/30/2021	Drainage
278	0713000239	07	29370	4552	4/1/2021	Mobility
279	0714000264	07	30910	4785	4/1/2021	Safety
280	0715000004	07	31070	4808	4/1/2021	Collision Reduction
281	1013000249	10	0X660	3143	4/1/2021	Collision Reduction
282	0812000341	08	1C660	3002A	4/2/2021	Mandates
283	0514000046	05	1F680	2534	4/5/2021	Pavement
284	0800001025	08	0P390	0191G	4/8/2021	Safety
285	0400021211	04	2G690	0434H	4/16/2021	Mandates
286	0714000031	07	30360	4708	4/16/2021	Collision Reduction
287	0413000049	04	4G820	0350H	4/17/2021	Bridge

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
288	0220000010	02	OJ980	3781	4/19/2021	Major Damage
289	0416000373	04	2K140	1453A	4/27/2021	Safety
290	0315000204	03	0H540	6713	4/30/2021	Mobility
291	1115000134	11	41134	1168	4/30/2021	Collision Reduction
292	0117000105	01	0H120	4673	5/1/2021	Major Damage
293	0412000335	04	1A683	0044Q	5/3/2021	Pavement
294	0700021113	07	28920	4458	5/3/2021	Mandates
295	0816000011	08	1F362	3005A	5/3/2021	Roadway Preservation
296	0815000162	08	1F372	3005C	5/3/2021	Roadway Preservation
297	0515000084	05	0T631	2292Y	5/7/2021	Safety
298	0412000131	04	27010	0135A	5/21/2021	Pavement
299	1117000139	11	43007	1271	5/31/2021	Major Damage
300	0119000097	01	OJ750	4733	6/1/2021	Major Damage
301	0119000111	01	OJ850	4737	6/1/2021	Major Damage
302	0417000520	04	4J282	1490Q	6/1/2021	Pavement
303	0615000040	06	0T230	6736	6/1/2021	Collision Reduction
304	0815000245	08	0K121	3003T	6/1/2021	Pavement
305	0314000186	03	4F580	5848	6/15/2021	Collision Reduction
306	0714000281	07	30930	4788	6/16/2021	Bridge
307	1115000047	11	42010	1137	6/17/2021	Mobility
308	0412000141	04	3G620	0587D	6/30/2021	Bridge
309	0412000463	04	4G380	0817Q	6/30/2021	Safety
310	0715000016	07	31190	4819	6/30/2021	Mobility
311	1015000115	10	1E700	3125	6/30/2021	Mandates
312	0617000062	06	0V910	6875	7/1/2021	Multiple Objective
313	0714000020	07	30150	4700	7/1/2021	Pavement
314	0814000256	08	1F590	3003P	7/1/2021	Mandates
315	0817000132	08	1H770	3010E	7/1/2021	Safety
316	0900020002	09	33500	0566	7/1/2021	Safety
317	1012000020	10	0W620	3008	7/1/2021	Collision Reduction
318	1200000211	12	0H270	3184	7/1/2021	Drainage
319	1212000096	12	0M520	3089A	7/1/2021	Safety

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
320	1214000116	12	0N850	2527	7/1/2021	Safety
321	1215000010	12	0N920	2948	7/1/2021	Drainage
322	1215000022	12	0P010	3167	7/1/2021	Safety
323	0714000021	07	30140	4703	7/2/2021	Pavement
324	0800020580	08	0Q910	0133N	7/2/2021	Bridge
325	1013000053	10	0L020	0321	7/2/2021	Bridge
326	1114000118	11	41131	1165	7/2/2021	Collision Reduction
327	0112000180	01	43730	2272	7/4/2021	Safety
328	0615000038	06	0S460	6727	7/5/2021	Pavement
329	0817000114	08	0Q75U	0224N	7/6/2021	Pavement
330	0714000092	07	30520	4725	7/8/2021	Major Damage
331	0715000210	07	31650	4894	7/12/2021	Collision Reduction
332	0715000095	07	31380	4849	7/14/2021	Drainage
333	0717000160	07	33980	5239	7/14/2021	Safety
334	0212000072	02	4F210	3484	7/15/2021	Bridge
335	0414000367	04	4G592	0729R	7/15/2021	Major Damage
336	0612000157	06	0H200	6521	7/19/2021	Bridge
337	0700000519	07	27510	4159	7/21/2021	Safety
338	0700020900	07	28660	4390	7/21/2021	Mandates
339	0715000001	07	31040	4804	7/30/2021	Pavement
340	0715000051	07	31200	4830	7/30/2021	Mobility
341	1118000219	11	42211	1332	7/31/2021	Drainage
342	0317000152	03	0H341	6923	8/1/2021	Bridge
343	0613000051	06	0Q280	6661	8/1/2021	Pavement
344	0616000027	06	0U300	6797	8/1/2021	Major Damage
345	0314000162	03	4F430	2793	8/2/2021	Collision Reduction
346	0714000081	07	23830	3279	8/4/2021	Mandates
347	0118000178	01	0J170	8504	8/6/2021	Major Damage
348	0300020616	03	2F340	4781	8/6/2021	Pavement
349	0116000189	01	0G450	4651	8/14/2021	Major Damage
350	0312000133	03	3F250	4287	8/15/2021	Roadway Preservation
351	0712000076	07	29070	4497	8/16/2021	Bridge

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
352	0714000178	07	30660	4743	8/20/2021	Mandates
353	0614000009	06	0G851	6678	9/1/2021	Pavement
354	0800020358	08	0F030	0033E	9/1/2021	Bridge
355	0715000089	07	31340	4845	9/7/2021	Drainage
356	0115000004	01	0E730	3203	9/22/2021	Safety
357	1012000193	10	0H480	5411	9/28/2021	Roadway Preservation
358	0714000058	07	30430	4716	9/30/2021	Collision Reduction
359	0715000005	07	31100	4810	9/30/2021	Collision Reduction
360	0112000133	01	0B500	4550	10/1/2021	Major Damage
361	0115000037	01	0E850	7018	10/1/2021	Safety
362	0116000128	01	0G130	1121	10/1/2021	Safety
363	0300020600	03	1E050	5079	10/1/2021	Drainage
364	0316000061	03	1H150	8378	10/1/2021	Pavement
365	0317000083	03	2H230	8381	10/1/2021	Safety
366	0513000024	05	1E010	2462	10/1/2021	Collision Reduction
367	0817000006	08	1H290	3006J	10/1/2021	Major Damage
368	1214000055	12	0N520	4999D	10/1/2021	Collision Reduction
369	0115000009	01	0E770	2400	10/4/2021	Bridge
370	0318000177	03	4H110	4309	10/4/2021	Major Damage
371	0815000242	08	0K123	3003V	10/4/2021	Pavement
372	0312000056	03	3F090	5832	10/8/2021	Bridge
373	0400001217	04	4S220	0313E	10/14/2021	Major Damage
374	0100020013	01	0A040	3080	10/18/2021	Safety
375	0416000152	04	4G871	0487Q	10/31/2021	Bridge
376	0512000194	05	1C670	2422	10/31/2021	Safety
377	0615000294	06	0U240	6796	10/31/2021	Drainage
378	0315000145	03	0H330	2433	11/1/2021	Bridge
379	0314000152	03	4F370	4451	11/1/2021	Safety
380	0517000044	05	49283	4928W	11/1/2021	Roadway Preservation
381	0815000160	08	1F361	0178P	11/1/2021	Roadway Preservation
382	0815000163	08	1F371	0022K	11/1/2021	Roadway Preservation
383	1213000182	12	0N220	2769D	11/1/2021	Mobility

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
384	0812000074	08	0H470	0127J	11/2/2021	Bridge
385	0715000014	07	31180	4818	11/3/2021	Mandates
386	0517000045	05	49284	4928X	11/5/2021	Roadway Preservation
387	0200000586	02	2E480	3424	11/15/2021	Bridge
388	0300020594	03	2F320	9587	11/15/2021	Pavement
389	0717000235	07	1XC80		11/15/2021	Major Damage
390	0814000051	08	1E570	3002F	11/15/2021	Bridge
391	0815000232	08	1F142	3003L	11/15/2021	Pavement
392	0513000101	05	0G071	0707Y	11/17/2021	Roadway Preservation
393	0216000051	02	1H970	3640	11/24/2021	Safety
394	0815000212	08	1F132	3003Y	11/29/2021	Pavement
395	0315000198	03	0H480	6924	11/30/2021	Pavement
396	0314000024	03	4F100	6707	11/30/2021	Bridge
397	0400021202	04	2G730	0434G	11/30/2021	Mandates
398	0113000091	01	0E000	2376	12/1/2021	Bridge
399	0114000123	01	0E680	2393	12/1/2021	Pavement
400	0116000109	01	0F960	2447	12/1/2021	Bridge
401	0116000024	01	46630	4442	12/1/2021	Pavement
402	0313000020	03	3F510	9590	12/1/2021	Safety
403	0415000099	04	3J190	1487P	12/1/2021	Safety
404	0415000131	04	3J320	0449A	12/1/2021	Pavement
405	0718000018	07	34340	5298	12/1/2021	Bridge
406	0117000051	01	0G700	3112	12/2/2021	Multiple Objective
407	0815000231	08	1F141	3003K	12/3/2021	Pavement
408	0414000411	04	1J990	1418C	12/10/2021	Safety
409	0417000131	04	3K310	1488T	12/14/2021	Mobility
410	0417000132	04	3K320	1488V	12/14/2021	Mobility
411	0417000133	04	3K330	1488W	12/14/2021	Mobility
412	0417000134	04	3K340	1488X	12/14/2021	Mobility
413	0417000135	04	3K350	1488Y	12/14/2021	Mobility
414	0315000164	03	0H400	4291	12/30/2021	Mobility
415	0414000476	04	0J642	1482F	12/30/2021	Pavement

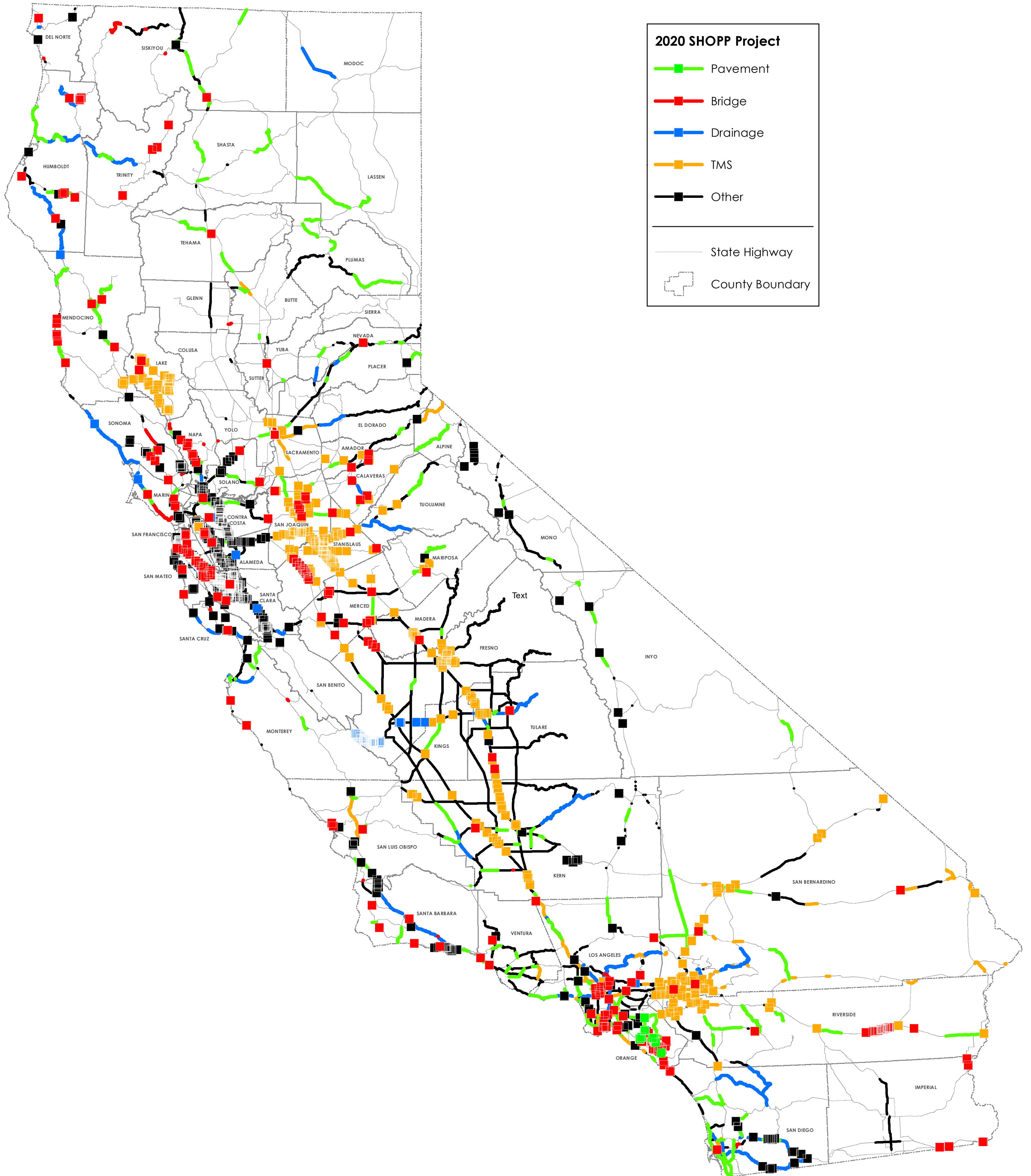
Index No.	Project ID	District	EA	PPNO	CCA Date	Program
416	0515000079	05	1E051	2470Y	12/30/2021	Safety
417	0713000302	07	29910	4632	12/30/2021	Safety
418	0218000047	02	4G41U	3543	12/31/2021	Bridge
419	0214000024	02	4G540	3558	12/31/2021	Pavement
420	0414000426	04	2J100	1488P	12/31/2021	Safety
421	0413000051	04	4G840	0830B	12/31/2021	Bridge
422	1115000183	11	42260	1192	12/31/2021	Drainage
423	0214000030	02	4G630	3556	1/3/2022	Mobility
424	0216000052	02	1H740	3641	1/5/2022	Safety
425	0714000056	07	30400	4713	1/6/2022	Collision Reduction
426	0213000043	02	4F860	3526	1/7/2022	Safety
427	0213000004	02	4F540	3509	1/14/2022	Bridge
428	0418000175	04	0Q930	2024N	1/14/2022	Major Damage
429	0414000029	04	0J710	0481R	1/15/2022	Bridge
430	0215000126	02	1H320	3606	1/28/2022	Mandates
431	1114000074	11	2T215	1136	1/28/2022	Mobility
432	0715000241	07	31740	4908	1/31/2022	Mandates
433	0715000246	07	31750	4910	2/1/2022	Drainage
434	0815000211	08	1F131	3002V	2/1/2022	Pavement
435	0816000003	08	1F133	3004A	2/1/2022	Pavement
436	0412000126	04	1G430	0587H	2/4/2022	Bridge
437	0313000136	03	3F540	6916	2/10/2022	Bridge
438	0714000019	07	30130	4702	2/25/2022	Pavement
439	0415000355	04	4J260	1490H	2/28/2022	Major Damage
440	0812000029	08	0R160	0206Y	3/1/2022	Safety
441	0800020563	08	0K840	3001P	3/2/2022	Facilities
442	0414000120	04	3A87A	0333M	4/1/2022	Bridge
443	1213000017	12	0M900	2941	4/4/2022	Safety
444	0513000052	05	1F080	2478	4/12/2022	Drainage
445	0200020287	02	4E460	3468	4/15/2022	Bridge
446	0716000089	07	32570	5031	4/15/2022	Facilities
447	1115000057	11	42070	1171	4/20/2022	Mobility

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
448	0716000290	07	33270	5153	4/29/2022	Safety
449	0716000233	07	33160	5084	5/13/2022	Safety
450	1117000103	11	42980	1263	5/19/2022	Mobility
451	1112000043	11	40910	1085	5/20/2022	Collision Reduction
452	0515000030	05	49282	4928Z	5/25/2022	Roadway Preservation
453	0500000007	05	0A050	1501	6/20/2022	Bridge
454	0814000248	08	1F550	3005S	6/29/2022	Safety
455	0817000216	08	1H321	3008Q	6/29/2022	Pavement
456	0618000088	06	0S311	3032A	7/1/2022	Safety
457	0600000973	06	47090	5335A	7/1/2022	Pavement
458	0713000057	07	29660	4599	7/1/2022	Bridge
459	1212000031	12	0F970	3230A	7/1/2022	Drainage
460	0812000303	08	1C380	0007N	7/5/2022	Collision Reduction
461	0517000017	05	1H930	2701	7/19/2022	Safety
462	1016000147	10	0X56Y	3011Y	7/25/2022	Safety
463	0700000142	07	13820	0444E	7/31/2022	Bridge
464	0715000277	07	31790	4915	8/19/2022	Bridge
465	0513000009	05	1C890	2474	8/31/2022	Pavement
466	0412000642	04	2594A	0378F	9/1/2022	Pavement
467	1116000101	11	42560	1281	9/1/2022	Mobility
468	0300020608	03	1A920	8132	10/1/2022	Pavement
469	0213000012	02	4F600	3516	10/11/2022	Bridge
470	0115000038	01	0E860	4613	10/15/2022	Safety
471	0515000019	05	0G041	0040C	11/1/2022	Pavement
472	0813000213	08	0J851	0238P	11/1/2022	Bridge
473	0817000193	08	1J060	3009F	11/1/2022	Pavement
474	0712000083	07	29130	4496	11/14/2022	Bridge
475	0217000046	02	3H000	3674	11/23/2022	Major Damage
476	0113000099	01	0E030	2378	12/1/2022	Mandates
477	0412000581	04	2A441	0485U	12/14/2022	Safety
478	0700020870	07	20212	4137A	12/15/2022	Pavement
479	1114000027	11	41740	1125	12/16/2022	Mandates

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
480	0215000106	02	1H110	3600	12/22/2022	Facilities
481	0717000277	07	34240	5287	12/30/2022	Facilities
482	1013000259	10	3A720	5431	12/30/2022	Pavement
483	0214000031	02	4G500	3557	1/3/2023	Safety
484	0814000226	08	1F440	3002P	1/4/2023	Collision Reduction
485	0715000227	07	31690	4903	1/6/2023	Roadway Preservation
486	1117000215	11	43018	1280	1/18/2023	Bridge
487	0817000024	08	1H271	3006T	3/1/2023	Major Damage
488	0715000013	07	31170	4817	3/30/2023	Pavement
489	0514000145	05	0Q601	1989Y	4/13/2023	Mandates
490	0715000012	07	31150	4815	5/1/2023	Mandates
491	0715000009	07	31130	4813	5/11/2023	Mandates
492	0514000050	05	1F750	2548	6/1/2023	Bridge
493	0416000347	04	2A32A	0380N	7/1/2023	Bridge
494	1215000075	12	0C78U	5054	7/20/2023	Mobility
495	0116000125	01	0G100	1120	7/27/2023	Major Damage
496	0414000014	04	0J570	0480C	7/31/2023	Bridge
497	1112000140	11	41110	1083	7/31/2023	Collision Reduction
498	1214000104	12	0L722	4124B	8/1/2023	Safety
499	0314000039	03	4E620	3290	9/11/2023	Safety
500	0318000294	03	4H370	3335	9/11/2023	Drainage
501	0713000479	07	30250	4688	9/15/2023	Pavement
502	0315000166	03	0H420	4125	10/2/2023	Mobility
503	0714000061	07	30440	4717	10/6/2023	Mandates
504	0413000402	04	2A251	0483Q	10/16/2023	Safety
505	0812000025	08	0R150	3001R	11/1/2023	Safety
506	0714000035	07	30370	4709	11/21/2023	Safety
507	0312000068	03	1E060	9812	12/1/2023	Bridge
508	0714000299	07	30960	4801	12/29/2023	Pavement
509	0100020444	01	0B090	1072	12/30/2023	Bridge
510	0714000067	07	30450	4718	12/31/2023	Pavement
511	0416000349	04	3G64A	0587M	3/29/2024	Bridge

Index No.	Project ID	District	EA	PPNO	CCA Date	Program
512	0715000010	07	31140	4814	5/3/2024	Mandates
513	0718000042	07	34400	5379	7/15/2024	Facilities
514	0300020593	03	0A570	9579	12/1/2024	Pavement
515	0714000009	07	30110	4699	1/14/2025	Pavement
516	0117000078	01	0B421	2472	1/21/2025	Major Damage
517	0414000106	04	15500	0064A	12/1/2026	Mobility
518	0615000176	06	0U020	6750	9/1/2027	Roadside Preservation
519	0619000173	06	0Y910	7006	1/18/2028	Major Damage
520	0619000081	06	0Y680	6993	12/26/2031	Major Damage
521	0700000412	07	24060	3321	9/17/2032	Roadway Preservation

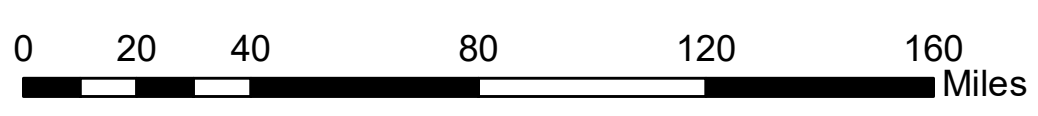
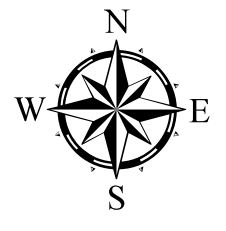
2020 SHOPP



2020 SHOPP Project

- Pavement
- Bridge
- Drainage
- TMS
- Other

- State Highway
- County Boundary



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