

**California Department of Transportation
Stormwater Management Program
District 2 Work Plan**

Fiscal Year

2017-2018

CTSW-RT-16-316.11.1



California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
1657 Riverside Drive, Redding, California 96001

<http://www.dot.ca.gov/hq/env/stormwater>

October 1, 2016



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**California Department of Transportation
District 2 Certification
District Work Plan 2017-18**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



Dave Moore, District Director



Date

District 2

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWP) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 2's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2017-18. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

http://www.swrcb.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf.

The DWP's seven sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways or facilities can discharge directly to a drinking water reservoir or ground water recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit.

District Goals and Commitments

- Provide a safe, collaborative and healthy environment for our employees and customers;
- Improve the safety of our transportation network for users and workers;
- Identify opportunities and manage appropriate risks to empower and encourage innovation, improve efficiency and quality, and streamline delivery of our products and services;
- Develop, foster and strengthen cooperative working relationships with our internal and external partners and stakeholders;
- Cultivate customer service and teamwork;
- Promote staff development to improve the abilities and satisfaction of our workforce;
- Manage the core transportation activities in the District to ensure we are good stewards of our human, financial and environmental resources;
- Recognize and celebrate our achievements; acknowledge and learn from our mistakes and our successes.

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2 District Personnel and Responsibilities

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Project Registration Documents, including Notices of Intent or NOIs).

District NPDES Stormwater Coordinator

Under the supervision of the North Region Chief Environmental Engineer, the NPDES Coordinator is the lead overseeing implementation of the Stormwater Management Plan (SWMP) in the District. The NPDES Coordinator serves as liaison with the Headquarters Water Quality Program and Regional Water Quality Control Board personnel.

Other NPDES Coordinator tasks include the following:

- Provide guidance on applicable stormwater regulatory requirements and policies.
- Respond to Notices of Violation (NOV) and/or enforcement actions issued by the RWQCBs.
- Serve as the Statewide SWMP implementation point of contact.
- Distribute new stormwater information to coordinators from other functional units.
- Respond to public inquiries made to the District regarding stormwater management issues.
- Confirm stormwater related forms and other compliance documents are submitted to RWQCBs.
- Prepare Water Quality Assessment Reports.
- Assist the Environmental Unit in obtaining other general and individual NPDES permits (i.e., dewatering).
- Respond to illicit connections/illegal discharges (IC/IDs) and non-permitted non-stormwater discharges.
- Report non-compliance.
- Facilitate implementation of the SWMP and District Work Plan.

Maintenance Stormwater Coordinator

The Maintenance Stormwater Coordinator is responsible for communicating relevant SWMP needs to Maintenance personnel, and serves as a point of contact for all Maintenance stormwater program inquiries. The Maintenance Coordinator is responsible for the following specific tasks:

- Review, monitor and evaluate BMP implementation and effectiveness for Maintenance activities.
- Coordinate stormwater training for District Maintenance personnel.
- Conduct Facility Pollution Prevention Plan (FPPP) inspections and prepare FPPPs.
- Attend Maintenance Stormwater Advisory Team (MSWAT) meetings.
- Administer the vegetated slope inspection program.
- Respond to IC/IDs.
- Participate in construction contract acceptance review.
- Review and comment on draft stormwater permits.
- Review long form Stormwater Data Reports (SWDRs) to ensure compliance with Maintenance requirements and maintainability of stormwater control measures following construction completion.

Construction Stormwater Coordinator

The Construction Coordinator serves as the point of contact for all Construction Program stormwater inquiries and assists Resident Engineers (RE's) in meeting stormwater related requirements. Other tasks include:

- Review Plans and Specifications to provide stormwater-related comments to Designers.
- Review design BMP selection and quantities for Storm Water Data Report (SWDR) Approval.
- Assist RE's by reviewing Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Compliance Program (WPCP) documents.
- Update risk level determination of projects based on actual contract start dates.
- Attend preconstruction meeting with contractors to assist RE's with informing contractors of their stormwater responsibilities.
- Upload Notice of Intent (NOI), Notice of Termination (NOT) and Change of Information (COI) into the Stormwater Multiple Application and Report Tracking System (SMARTS) for SWPPP and Erosivity Waiver projects.
- Upload Incident Report Forms for WCPC projects into SMARTS when required.
- Perform regular inspections of construction projects to evaluate compliance with regulatory permits and supply RE's with a corrective actions list.
- Conduct monthly side by side project inspections with third party Independent Assurance (IA) reviewers.
- Help coordinate stormwater training for Construction personnel.
- Convey new regulatory requirements to Construction personnel.
- Assist with Notice of Violations (NOV) or other action responses to regulatory agencies.
- Coordinate with Water Board personnel regarding project specifics.

Public Affairs Coordinator

The Public Affairs Coordinator organizes and participates in conducting "Protect Every Drop" campaign activities in District 2. This includes planning public outreach targeting a diverse portion of the population and coordinating with local groups to arrange campaign presentations and activities.

Encroachment Permits Coordinator

Encroachment Permits Coordinators serve as points of contact for all encroachment permit stormwater program inquiries and ensure external projects conducted within the Caltrans' right of way meet SWMP requirements.

Landscape Architecture Coordinator

The Landscape Architecture Coordinator is responsible for planning and recommending temporary and permanent sediment source control BMPs for construction projects and signs SWDRs.

Table 2-1 lists staff members responsible for implementing the Stormwater Program.

Table 2-1: District 2 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
David Melendrez	Chief, North Region Office of Environmental Engineering-North	(707) 445-5201	david_melendrez@dot.ca.gov	Oversees Office of Environmental Engineering-North within Districts 1 and 2
Mark Harvey	District NPDES Stormwater Coordinator	(530) 225-2233	mark.harvey@dot.ca.gov	Primary contact for District 2 NPDES stormwater issues
Wesley Faubel	Design Coordinator	(530) 225-3412	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance with SWMP
Laura Ivey (Temporary)	North Region Construction Stormwater Coordinator-North Area	(510) 286-1357	laura.d.ivey@dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs
Scott Gregory	District Maintenance Stormwater Coordinator	(530) 225-2099	scott_gregory@dot.ca.gov	Provides maintenance BMP selection guidance and implementation, monitors for compliance with SWMP
Fred Chaffin	District Encroachment Permits Stormwater Coordinator	(530) 225-3121	fred.chaffin@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees
Patrick Sullivan	Landscape Architect	(530) 225-3413	patrick.sullivan@dot.ca.gov	Provides guidelines for implementing erosion control measures at construction project sites

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

Table 2-2: District 2 Signatory Authority for Key Documents

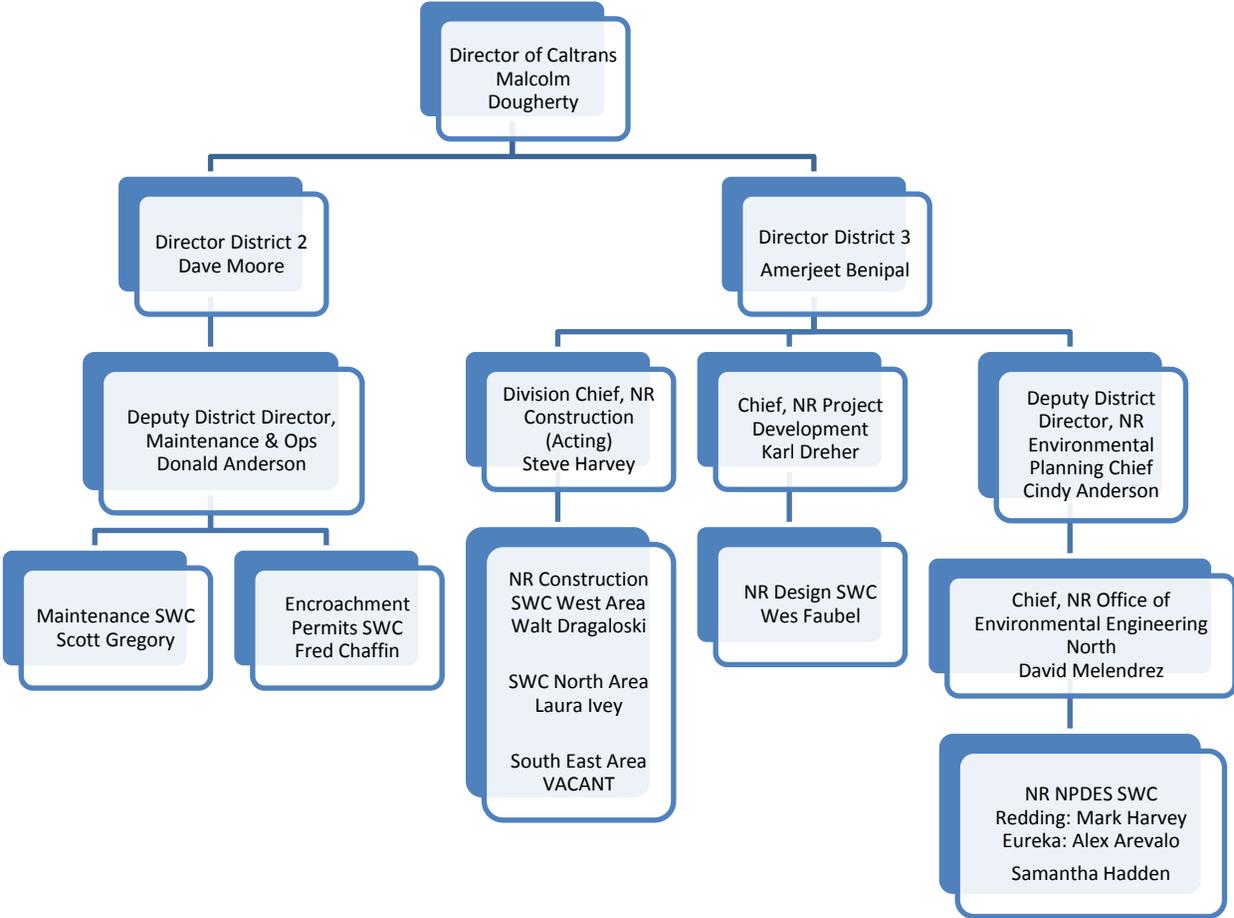
Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Dave Moore District Director	(530) 225-3477	dave_moore@dot.ca.gov	All District Documents
David Melendrez	(707) 445-5201	david_melendrez@dot.ca.gov	All District Documents except District Work Plan
Laura Ivey	(510) 286-1357	laura.d.ivey@dot.ca.gov	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Scott Gregory	(530) 225-2099	scott_gregory@dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illegal Connection/Illicit Discharge (IC/ID), Incident Report Form

Table 2-2: District 2 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Fred Chaffin	(530) 225-3121	fred.chaffin@dot.ca.gov	SWPPPs, NOI/NOT, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Construction Engineers and Resident Engineers	–	–	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

Figure 2-1: Organizational Chart



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3 District Facilities and Water Bodies

Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and ground water percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District’s facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 2 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 2 is presented in Table 4-1.

Table 4-1: District 2 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
44/49.2	SHA	5	Manzanita Creek	Water for Lassen VNP – Manzanita Lake	1.5 miles to facility
151/0.0	SHA	5	Shasta Lake Intake	Water for City of Shasta Lake	0.3 miles to facility
299/16.7	SHA	5	Whiskeytown Lake Intake	Water for Clear Creek, Centerville and Shasta C.S.D.s	1.5 and .5 miles to facility
3/54.2	SIS	1	Lake Shastina Treatment Plant	Water for City of Montague	-
3/8.2	TRI	1	Hayfork – Ewing Reservoir	Water for Trinity Co. W.W. District #1	-

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5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 2 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 2's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

Table 5-1: District 2 Inventory of Road Segments Prone to Erosion

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 299 PM 25.77 – 72.25	Trinity	1	Trinity River – Upper and Lower Middle	Incorporated into projects as they occur Initiating treatment/stabilization project on Little Grass Valley Creek
Route 36 PM 10.26 – 41.14	Trinity	1	South Fork Trinity River and Hayfork Creek	Incorporated into projects as they occur
Route 36 0.0 – 10.26	Trinity	1	Mad River	Incorporated into projects as they occur
Route 3 PM 0.00 – 18.67	Trinity	1	South Fork Trinity River and Hayfork Creek	Incorporated into projects as they occur
Route 3 PM 18.67 – 30.85	Trinity	1	Trinity River – Upper Middle	Incorporated into projects as they occur
Route 3 PM 30.85 – 38.7	Trinity	1	Trinity River – Upper Middle	Incorporated into projects as they occur
Route 3 PM 38.7 – 85.06	Trinity	1	Trinity River - Upper	Incorporated into projects as they occur
Route 3 PM 0.0 – 9.5	Siskiyou	1	Scott River	Incorporated into projects as they occur Initiating stabilization project for slope PM 5.6/6.5
Route 3 PM 38.0 – 41.5	Siskiyou	1	Scott River	Incorporated into projects as they occur
Route 96 PM 23.27 – 105.76	Siskiyou	1	Klamath River	Incorporated into projects as they occur
Route 5 PM 19.5 – 23.0	Siskiyou	1	Shasta River	Incorporated into projects as they occur
Route 299 0.0 – 8.6	Shasta	5	Willow Creek	Incorporated into projects as they occur
Route 299 34.56 – 55.42	Shasta	5	South Fork Cow Creek	Incorporated into projects as they occur

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 2, including rock cut slopes, landslides, and moderate soil erosion.

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Figure 5-1: District 2

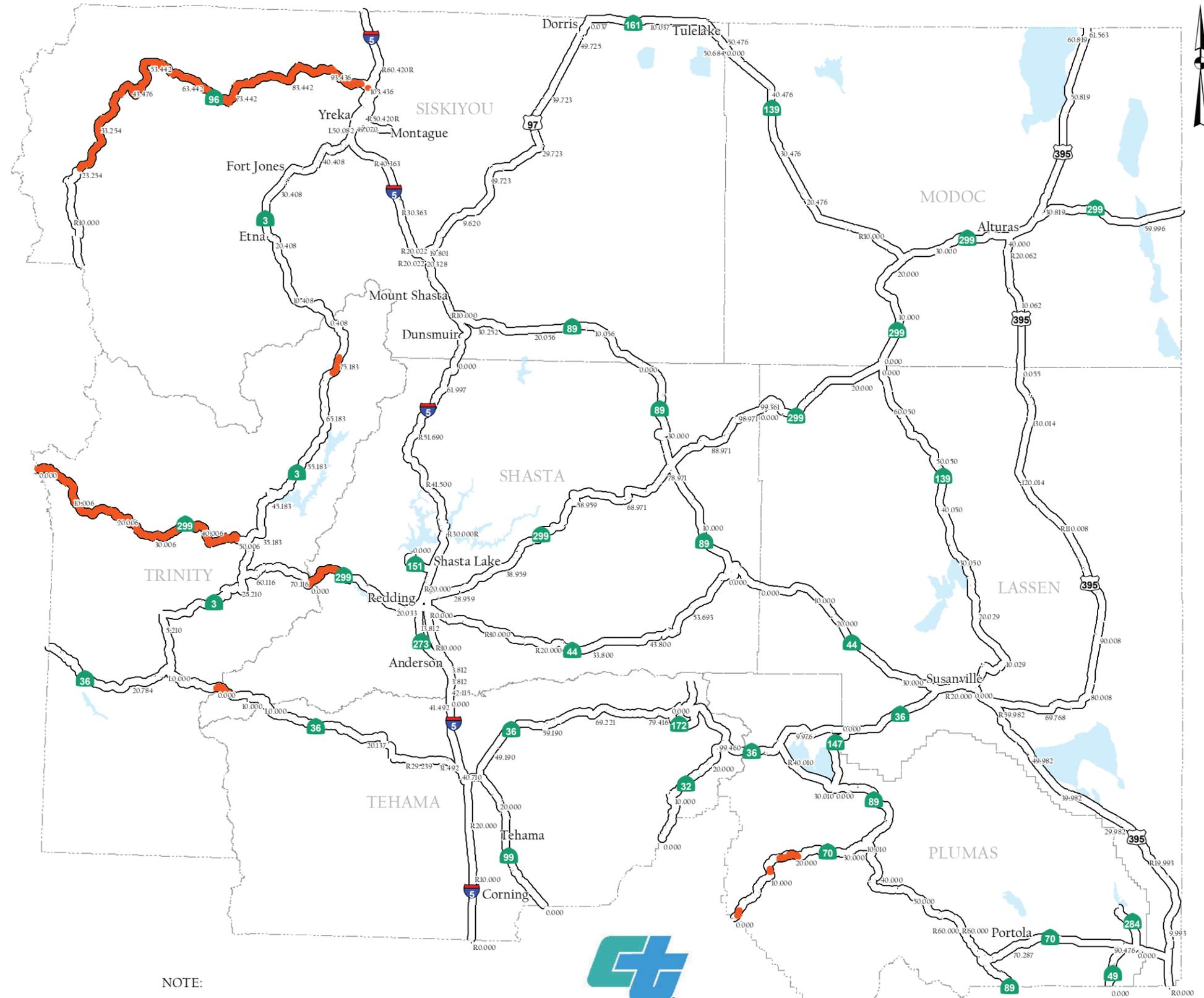
California State Highway System 2016 Areas Prone to Erosion

Legend

-  State Highway
-  3 Yr. Consecutive Erosion
-  Water Feature
-  County Boundary

Areas Prone to Erosion

DIST	CO	RTE	PM
2	PLU	70	0.636/1.615
2	PLU	70	10.964/11.473
2	PLU	70	14.997/15.993
2	PLU	70	16.993/19.002
2	SHA	36	0.0/4.0
2	SHA	299	6.995/8.5
2	SIS	96	23.0/101.988
2	SIS	263	56.3/56.4
2	TRI	3	72.0/75.5
2	TRI	299	0.00/50.0



NOTE:

Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

MAP INFORMATION

Projection: Albers Meters NAD 83
Project Location: f:\gis\2016_erosion_District02.mxd



State of California
Department of Transportation
Division of Maintenance GIS
August 5, 2016



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6 Implementation

Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Other Regional Water Board Permits Required ⁶	Potential and Actual Impacts of Project's Discharge ⁷	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) ⁸	Post-Construction Treatment Control Type, Quantity ⁹	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PA&E Date	PS&E Date	Start Date	End Date
1	02-0E090	Shasta	005	29.5	30	5	Seismic Retrofit Dog Creek Br #06-0027 & Side Hill	SHASTA LAKE	Y	-	-	16.5	4.0	98.8%	SWPPP	E	02-Jun-14	01-Apr-15	17-Feb-16	15-Jan-19
2	02-0E180	Plumas	089	30	-	5	Spillway Bridge Replacement	North Fork Feather River	N	-	-		0.0	0.0%	TBD	E	18-Feb-15	15-Dec-16	08-Aug-17	17-Jan-20
3	02-0E24U	Plumas	089	20	20.6	5	Streetscape Improvements	WOLFE CREEK	N	-	-	6.0	5.8	107.4%	SWPPP	ID,3	23-Mar-15	01-Dec-15	01-Aug-16	31-Dec-18
4	02-0H030	D02-Various	070	-	-	5	Feather River Drainage	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	24-Mar-16	13-Oct-17	01-Mar-18	11-Jul-19
5	02-0H110	Tehama	036	36.4	36.8	5	Realign Curve	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Nov-16	11-Jan-18	15-Jun-18	15-Aug-19
6	02-0H200	Tehama	032	8.6	9.3	5	HAUL ROAD	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	02-May-16	31-Jul-17	06-Feb-18	07-Dec-18
7	02-0H320	Trinity	299	4.7	5	1	Operational Improvements	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	15-Aug-18	10-Oct-19	14-May-20	29-Dec-22
8	02-0H330	Trinity	299	20.2	20.7	1	Pave Shoulders at two locations	Trinity River	N	-	-	0.0	0.4	0.0%	TBD	E	04-May-16	16-Apr-17	02-Oct-17	01-May-19
9	02-0H380	Plumas	070	1	1.3	5	Install Tunnel Lighting	ND	N	-	-	0.0	0.0	0.0%	WPCP	E	10-Sep-15	01-Sep-16	15-Mar-17	04-Sep-18
10	02-0H390	Tehama	036	87	87.8	5	CCTV/RWIS	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Jul-16	03-Oct-16	31-Mar-17	01-Oct-18
11	02-0H410	Trinity	299	10.9	11.2	1	Place Rock Drapery	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	24-Jul-18	13-Sep-19	13-Feb-20	29-Dec-20
12	02-0H450	Plumas	070	11.5	11.9	5	Opapee Curve Improvement	North Fork Feather River	N	-	-	2.2	1.5	0.0%	SWPPP	C	28-Feb-17	23-Apr-18	12-Nov-18	09-Nov-20
13	02-0H540	Trinity	003	30	85.068	1	0.5 MILE NORTH OF BOWERMAN RIDGE ROAD	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	23-Jul-18	05-Sep-23	13-Feb-20	29-Dec-20
14	02-0H550	Plumas	070	0	70	-	Plumas 70 Drainage	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	23-Apr-18	05-Jul-19	13-Feb-20	29-Dec-20
15	02-0H560	Butte	070	22	48	5	COUNTY LINE (DW)	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	24-Jul-18	24-Jul-23	13-Feb-20	29-Dec-20
16	02-0H570	Modoc	139	0	50.684	1/5	Modoc 139 Drainage	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	03-Aug-20	08-Aug-21	17-Apr-22	15-Nov-24
17	02-0H630	Lassen	139	6.3	7.2	6	RADIO STREET	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	16-Feb-17	08-Feb-18	04-Sep-18	16-Nov-20
18	02-0H680	Trinity	299	23.1	23.3	1	Place Rock Drapery	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	24-Jul-18	13-Sep-19	13-Feb-20	29-Dec-20
19	02-0H690	Trinity	299	43.1	43.3	1	Install Rock Drapery	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	24-Jul-18	13-Sep-19	13-Feb-20	29-Dec-20
20	02-0H760	D02-Various	070	-	-	-	ROUTE 395	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	05-Dec-18	05-Jun-19	10-Mar-20	30-Dec-21
21	02-0H800	Plumas	070	-	-	5	Fish Passage Restoration	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	14-Jul-17	01-Jun-18	01-Feb-19	17-Jan-20

¹ Regional Board

² Supplemental Environmental Projects designated as "SEP."

³ Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.

⁴ Water bodies with designation for 303(d) designation are noted in parentheses.

⁵ If yes, a 401 permit will be required for this project. NA = Not Available at this time.

⁶ Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

⁷ This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

⁸ A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

⁹ Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Other Regional Water Board Permits Required ⁶	Potential and Actual Impacts of Project's Discharge ⁷	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) ⁸	Post-Construction Treatment Control Type, Quantity ⁹	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PA&E Date	PS&E Date	Start Date	End Date
22	02-0H830	Tehama	036	39.5	41.25	5	Hwy 36 Realignment at Red Bluff	Dibble Creek	N	-	-	17.6	4.0	129.0%	SWPPP	C	03-Jul-19	18-Feb-22	30-Aug-22	29-Dec-23
23	02-0H900	D02-Various	070	0	0	-	Fish Passage Retrofits	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	14-Jul-17	29-Jun-18	08-Feb-19	15-Jan-21
24	02-0H920	Shasta	005	14.8	20	5	Increase Freeway to 6 Lanes	(SACRAMENTO RIVER (KESWICK DAM TO COTTONWOOD CREEK)/BOLDER CREEK/CHURN CREEK/BUCKEYE CREEK	NA	-	-	24.0	14.0	24.1%	SWPPP	C	01-Sep-22	11-Sep-23	23-Oct-23	03-Jan-28
25	02-1C750	Plumas	070	14.9	14.9	5	bridge replacement - seismic #3208	Feather River	N	-	-	0.8	0.1	0.0%	WPCP	E	26-Jan-15	22-Sep-16	14-Jul-17	15-Apr-20
26	02-1H090	Siskiyou	096	23	103.42	1	BRIDGE	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	19-Oct-18	04-Oct-19	24-Apr-20	21-Jan-22
27	02-1H110	Lassen	299	25.58	25.58	5	Replace Buildings Upgrade Maint Sta	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	06-Oct-17	01-Jun-18	01-Feb-19	15-Jan-21
28	02-1H320	Tehama	099	12	12.6	5	ADA & Pedestrian Improvements	(SACRAMENTO RIVER (RED BLUFF TO KNIGHTS LANDING))	N	-	-	1.0	1.0	15.4%	WPCP	E	01-Nov-17	19-Feb-19	03-Aug-19	31-Dec-20
29	02-1H330	Modoc	299	51.9	52.5	5/6	ROAD	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	11-Sep-17	05-Sep-18	12-Feb-19	16-Nov-20
30	02-1H340	Tehama	005	-	-	5	BRIDGE	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Sep-17	-	-	01-Nov-18
31	02-1H360	Siskiyou	096	77.15	77.15	1	Bridge	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	03-Aug-19	15-Jun-21	12-Mar-22	15-Oct-24
32	02-1H390	Shasta	005	32.16	32.1601	5	Deck & Rail Rehab	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	14-Mar-19	20-Aug-24	01-Oct-24	08-Dec-28
33	02-1H400	Siskiyou	005	8.29	8.29	5	Deck & Rail Rehab	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	14-Mar-19	20-Aug-24	01-Oct-24	08-Dec-28
34	02-1H440	Lassen	044	31.9	32.6	5	SPRINGS ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	11-Sep-17	05-Sep-18	12-Feb-19	16-Nov-20
35	02-1H460	Trinity	299	20	25	1	LITTLE FRENCH CREEK	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
36	02-1H480	Siskiyou	005	2.65	2.65	5	Replace Bridge Deck	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-20	12-Aug-24	23-Sep-24	30-Nov-28
37	02-1H540	Plumas	070	0	0	5	CREEK BRIDGE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
38	02-1H570	Shasta	299	67.8	77.8	5	Overlay with ADA ramps	TBD	NA	-	-	0.0	0.0	0.0%	TBD	E	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
39	02-1H580	Plumas	070	58.4	78.4	5	GRIZZLY CREEK BRIDGE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
40	02-1H590	Siskiyou	096	41	58	1	OF BITTEN BENDER CREEK	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
41	02-1H610	Shasta	299	60.6	60.6001	5	-	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	14-Mar-19	20-Aug-24	01-Oct-24	08-Dec-28
42	02-1H620	Tehama	005	33.3	33.3001	5	Safety Rest Area	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
43	02-1H630	Tehama	005	-	-	5	SB Safety Rest Area Rehab	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	26-Nov-18	06-May-24	17-Jun-24	28-Aug-28
44	02-1H650	Shasta	299	16.4	17.4	5	ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28

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No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Other Regional Water Board Permits Required ⁶	Potential and Actual Impacts of Project's Discharge ⁷	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) ⁸	Post-Construction Treatment Control Type, Quantity ⁹	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PA&ED Date	PS&E Date	Start Date	End Date
45	02-1H680	Tehama	005	40.7	40.7001	5	Cottonwood Truck Scales	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	23-Oct-18	02-Apr-24	14-May-24	25-Jul-28
46	02-1H690	Lassen	036	22.44	22.44	6	Susanville CVEF	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
47	02-1H700	Trinity	299	57.4	72.246	1	SHASTA COUNTY LINE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	14-Mar-19	20-Aug-24	01-Oct-24	08-Dec-28
48	02-1H720	Shasta	273	14.9	15.7	5	CALIFORNIA STREET	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	08-Jan-18	21-Jun-19	01-Apr-20	14-Jan-22
49	02-1H740	Tehama	036	87.8	88.8	5	Curve Improvement	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	02-Apr-18	28-May-19	03-Dec-19	15-Nov-21
50	02-1H780	Siskiyou	096	7.5	10	1	MILES WEST OF TI CREEK BRIDGE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	06-Mar-19	12-Aug-24	23-Sep-24	30-Nov-28
51	02-1H790	Plumas	070	36.8	62.5	5	TWO RIVERS ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	14-Mar-19	20-Aug-24	01-Oct-24	08-Dec-28
52	02-1H970	Tehama	036	12.6	13.1	5	Ward Curves	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	16-May-18	14-May-19	07-Jan-20	15-Nov-21
53	02-2C090	Plumas	070	50.6	51.7	5	Replace bridge deck	Feather River	N	-	-	2.9	0.2	12.6%	TBD	E	29-Jun-15	11-May-16	22-Dec-16	02-Jan-20
54	02-2E480	Siskiyou	VAR	0	0	1	Bridge Replacement	TBD	N	-	-	0.0	3.0	0.0%	SWPPP	C	06-Oct-16	02-Mar-18	19-Oct-18	12-Nov-21
55	02-2E800	Siskiyou	005	7.2	7.2	5	UPGRADE FACILITY ENFORCEMENT FACILITY	CASTLE CREEK-SACRAMENTO RIVER	N	-	-	0.7	0.0	0.0%	WPCP	E	09-Sep-13	07-Jan-15	25-Feb-16	01-Feb-19
56	02-2H050	Trinity	036	34.7	35.3	1	BRIDGE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	19-Apr-19	25-Sep-24	05-Nov-24	17-Jan-29
57	02-2H130	Siskiyou	005	25.4	25.9	1	Potable & Waster Water Rehab Weed Rest Areas	TBD	NA	WDR	-	0.0	0.0	0.0%	TBD	C	20-May-19	24-Oct-24	09-Dec-24	15-Feb-29
58	02-2H140	Tehama	036	87.8	89	5	Curve & Climbing Lane	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	02-Apr-18	28-May-19	03-Dec-19	15-Nov-21
59	02-2H180	Siskiyou	161	17.3	19.36	1	Hill Road Rehab	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	16-Oct-17	17-Sep-18	06-May-19	03-Feb-20
60	02-2H260	Trinity	003	30.87	30.89	1	Weaverville Interpretive Park	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	01-Mar-19	07-Aug-24	18-Sep-24	27-Nov-28
61	02-2H280	Plumas	147	5.5	7.3	5	SPRINGS ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	09-Apr-19	13-Sep-24	24-Oct-24	04-Jan-29
62	02-2H290	Plumas	147	3.5	5.5	5	Canyon Hills Rehab	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	08-Apr-19	12-Sep-24	23-Oct-24	03-Jan-29
63	02-2H310	Shasta	299	49.43	49.49	5	Mitigation Parcel	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	15-Jul-16	-	-	15-Aug-18
64	02-2H320	D02-Various	VAR	0	0	1	Chip Seal	(KLAMATH RIVER HU, SCOTT RIVER HA)/(TRINITY LAKE)	N	-	-	-	0.0	0.0%	WPCP	E	14-Apr-16	-	20-Jan-17	31-Dec-18
65	02-2H330	D02-Various	395	0	3	6	Chip Seal	ND	N	-	-	-	0.0	0.0%	WPCP	E	02-May-16	-	27-Jan-17	31-Dec-18
66	02-2H380	Modoc	139	6	10.7	5	Replace AC Surfacing	Pit River	NA	-	-	0.0	0.0	0.0%	WPCP	E	17-Jun-16	-	10-Mar-17	31-Dec-18
67	02-2H390	Tehama	036	91.5	104	5	Replace AC Surfacing	ND	NA	-	-	0.0	0.0	0.0%	WPCP	E	01-Jul-16	-	17-Mar-17	31-Dec-18
68	02-2H400	Lassen	139	10	20	6	Replace AC Surfacing. Seal Coar	ND	NA	-	-	0.0	0.0	0.0%	WPCP	E	15-Jul-16	-	07-Apr-17	31-Dec-18
69	02-2H470	Shasta	089	0	21.3	5	Chip Seal	ND	NA	-	-	0.0	0.0	0.0%	WPCP	E	22-Jul-16	-	14-Apr-17	31-Dec-18

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		Co.	Route	Begin PM	End PM	RB ¹											PA&E Date	PS&E Date	Start Date	End Date
70	02-2H480	Trinity	036	3.5	9.2	1	MOUNTAIN ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	29-Jul-16	-	27-Apr-17	31-Dec-18
71	02-2H510	Trinity	003	33	65	1	ROAD TO 0.5 MILE SOUTH OF FRENCH GULCH ROAD	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	03-Jan-17	29-Oct-24	10-Sep-18	27-Dec-18
72	02-2H540	Siskiyou	096	30	88	1	BEAVER CREEK BRIDGE	TBD	NA	-	-	0.0	0.0	0.0%	TBD	C	26-Aug-16	-	05-May-17	31-Dec-18
73	02-36841	Shasta	044	4.6	6.4	5	CROSSING	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	02-Nov-15	02-Dec-16	01-Sep-17	02-Nov-18
74	02-37890	Shasta	005	39	41.2	5	Antlers Bridge Replacement	Shasta Lake	Y	-	-	51.0	1.5	0.0%	SWPPP	E TST 6	31-Jan-07	01-Aug-08	14-Oct-09	15-Jul-18
75	02-3E410	Shasta	299	0.3	7.1	5	HIGHWAY REALIGNMENT	WILLOW CREEK	Y	-	-	71.1	42.8	149.7%	SWPPP	TST,5	28-Jun-13	10-Mar-14	12-Jan-15	06-Feb-19
76	02-3E720	Tehama	036	42.1	46	5	East Red Bluff CapM	ND	N	-	-	0.4	0.4	0.0%	WPCP	E	07-Dec-15	29-Dec-16	07-Jul-17	31-Dec-18
77	02-3E740	Shasta	299	7.6	18.3	5	Rehab, widen shoulders and bridge	Rock Creek, Clear Creek	N	-	-	19.0	9.0	0.0%	SWPPP	C	05-Feb-18	20-May-19	17-Dec-19	30-Dec-22
78	02-4C150	Siskiyou	096	23.2	56	1/Kurok	Rehab 20 Culverts	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	04-Apr-17	12-Jan-18	07-Sep-18	15-Jan-21
79	02-4C403	Shasta	005	6.5	11.7	5	Anderson/Redding 6-Lane New Lane	Sacramento River	N	-	-	39.7	21.8	34.4%	SWPPP	BS,5	29-Mar-13	01-Jul-16	24-Jan-20	03-Jan-23
80	02-4C404	Shasta	005	5.5	9.7	5	ROAD OVERCROSSING	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	29-Mar-13	14-Oct-16	24-Jan-20	03-Jan-23
81	02-4E020	Shasta	299	77.8	79.7	5	Roadway Rehab with Shoulder Widening	BURNEY CREEK	N	-	-	5.8	1.8	17.8%	SWPPP	C	02-Oct-15	03-Apr-17	20-Dec-17	18-Jan-20
82	02-4E330	Plumas	089	15.76	-	5	IMPLEMENT REMEDIATION PLAN.	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	12-Dec-11	-	28-Jun-12	15-Oct-18
83	02-4E450	D02-Various	299	-	-	5	Bieber to Adin Pavement Rehab	TBD	N	-	-	40.0	15.8	63.2%	TBD	C	17-Jan-19	16-Jan-20	25-Aug-20	01-Dec-22
84	02-4E460	Lassen	036	6.1	14.3	5/6	Lower Fredonyer Pavement	HAMILTON BRANCH, GOODRICH CREEK-FRONTAL MOUNTAIN MEADOWS RESERVOIR, WILLARD CREEK	N	-	-	11.0	22.0	66.7%	SWPPP	C	12-Mar-18	20-May-19	03-Dec-19	10-Jan-22
85	02-4E640	Plumas	147	8.91	9.3	5	Full Depth Cold Foam Recycle in Place	LAKE ALMANOR	N	-	-	1.9	0.7	50.0%	SWPPP	E	01-Jul-14	28-Oct-15	31-May-16	31-Dec-18
86	02-4E640	Plumas	147	8.91	9.3	5	Hamilton Branch Bridge Replacement	LAKE ALMANOR	N	-	-	1.9	0.7	50.0%	SWPPP	E	01-Jul-14	28-Oct-15	31-May-16	31-Dec-18
87	02-4E650	Siskiyou	096	52.5	88.3	1	Bridge Rail Upgrade	Middle Klamath River	Y	-	-	5.5	0.2	19.1%	SWPPP	BS,1	30-Jun-15	03-Jun-16	04-Jan-17	18-Jan-19
88	02-4E670	Siskiyou	005	58	58	1	Collier SRRA Potable/Waste Water	Klamath River	N	WDR	-	1.6	0.0	0.0%	SWPPP	E	03-Jun-16	13-Jun-16	01-Mar-17	17-Jan-20
89	02-4E680	Siskiyou	097	21.8	21.8	1	Grass Lake Safety Roadside Rest Area Relocation	Grass Lake	N	WDR	-	0.0	0.0	0.0%	TBD	C	23-May-16	15-May-17	29-Mar-18	30-Jul-19
90	02-4F200	Shasta	044	59.4	59.8	5	Hat Creek Bridge Replacement	Hat Creek	N	-	-	2.7	0.4	0.0%	WPCP	E	29-Jul-16	12-Jan-18	31-Aug-18	28-Oct-19
91	02-4F210	Modoc	299	0.51	0.51	5	bridge deck replacement	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	03-Mar-17	16-Mar-18	15-Nov-18	28-Jul-20

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		Co.	Route	Begin PM	End PM	RB ¹											PA&ED Date	PS&E Date	Start Date	End Date
92	02-4F220	Trinity	003	58.7	61.9	1	bridge replacement	TBD	Y	-	-	3.9	0.3	281.8%	SWPPP	E	16-Jan-19	09-Apr-20	01-Dec-20	29-Dec-22
93	02-4F370	Tehama	099	11.9	12.6	5	Los Molinos Phase III	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	28-Jan-18	08-Jul-21	19-Aug-21	30-Oct-25
94	02-4F420	Lassen	036	26.6	27.2	5	Skyline Extension	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	15-Jun-16	-	15-Apr-17	01-Oct-18
95	02-4F510	Shasta	005	0	67.02	5	MBGR Teh Co line to Sis Co Line	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	30-Sep-16	17-Nov-17	31-Aug-18	01-Oct-20
96	02-4F520	Siskiyou	005	0	70.63	1/5	Siskiyou 5 CRZ	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	08-Jul-20	15-Dec-20	13-Aug-21	31-Oct-22
97	02-4F540	Siskiyou	005	15.3	16.5	5	Bridge Replacement	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	04-Dec-15	01-Jan-18	06-Sep-18	14-Jan-22
98	02-4F550	Siskiyou	089	20.9	21.2	5	Replace Bridge	Mud Creek	Y	-	-	3.6	0.0	0.0%	SWPPP	C	15-Apr-16	05-May-17	01-Dec-17	17-Jan-20
99	02-4F560	Lassen	036	7.2	7.4	5	Goodrich Creek Bridge	GOODRICH CREEK, MOUNTAIN MEADOWS RESERVOIR	Y	-	-	1.7	0.4	0.0%	SWPPP	C	12-Mar-18	20-May-19	03-Dec-19	10-Jan-22
100	02-4F570	Modoc	299	23.34	23.34	5	Bridge Replacement	Pit River	N	-	-	0.9	0.0	0.0%	WPCP	E	15-Jul-16	22-Sep-17	23-Mar-18	22-Jul-19
101	02-4F58U	Siskiyou	005	57.8	58.5	1	RIVER ROAD UNDERCROSSING	(KLAMATH RIVER)	N	-	-	-	0.0	0.0%	WPCP	E	02-Oct-15	05-May-16	18-Nov-16	15-Oct-18
102	02-4F590	Tehama	005	25.4	25.4	5	Sacramento River Bridge Seismic	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	17-Jul-18	09-Nov-19	24-Jun-20	30-Jul-23
103	02-4F600	D02-Various	VAR	5	52	1	Deck Replacements and misc bridge rehab	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	28-Sep-18	25-Jul-19	14-Feb-20	11-Oct-22
104	02-4F770	Modoc	299	24.5	33.5	5	Caldwell Creek Rehab	Pit River	N	-	-	3.0	3.0	0.0%	TBD	C	30-Jul-16	10-Jul-17	01-Apr-18	15-Oct-19
105	02-4F780	D02-Various	VAR	-	-	TBD	Pave Chain Control Areas Various Locations	Var	N	-	-	0.0	0.0	0.0%	TBD	TST,1	05-Sep-16	04-Oct-17	04-Sep-18	16-Nov-20
106	02-4F790	Shasta	151	5.5	5.83	5	Shasta Lake City Sidewalk	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	11-Dec-15	20-Jun-17	02-Jan-18	01-Feb-19
107	02-4F860	Trinity	036	26.7	27.1	1	Ditch Gulch Curve Improvement	TBD	Y	-	-	0.0	0.0	0.0%	TBD	C	01-Nov-16	15-Jan-18	14-Aug-18	12-Nov-20
108	02-4F900	Siskiyou	096	41.3	41.8	1	Happy Camp ADA/Complete Streets	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	18-Jun-19	14-Nov-23	29-Apr-24	10-Jul-28
109	02-4F920	Trinity	003	32	85	1	5 turnouts.	Trinity Lake	N	-	-	1.0	1.3	0.0%	TBD	C	15-Jul-17	-	10-Sep-18	27-Dec-18
110	02-4F990	Lassen	036	22.4	29.4	6	Susanville CAPM	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	15-Jun-16	05-May-17	19-Jan-18	16-May-19
111	02-4G03U	Tehama	036	75.1	78.4	5	Lassen Curve Realignment	South Fork Battle Creek	N	-	-	37.3	13.1	123.9%	SWPPP	C	16-Aug-15	16-May-16	13-Dec-16	01-Nov-19
112	02-4G240	Siskiyou	005	25.22	25.22	5	North Edgewood Overhead Upgrade	SHASTA RIVER, KLAMATH RIVER HU, MIDDLE HA, IRON GATE DAM, SCOTT RIVER, SHASTA RIVER HA	N	-	-	7.8	0.0	0.3%	SWPPP	C	17-Aug-15	09-Jan-17	18-Aug-17	27-Feb-19
113	02-4G250	Trinity	003	32.8	39.8	1	Trinity Drainage Improvements	Rush Creek	Y	-	-	0.0	0.0	0.0%	TBD	C	15-Jul-16	-	19-Feb-18	30-Jul-19

Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Other Regional Water Board Permits Required ⁶	Potential and Actual Impacts of Project's Discharge ⁷	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) ⁸	Post-Construction Treatment Control Type, Quantity ⁹	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PA&ED Date	PS&E Date	Start Date	End Date
114	02-4G280	Tehama	036	8.96	14.22	5	A-13	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Sep-17	-	-	01-Oct-18
115	02-4G300	Siskiyou	005	58	58	1	Collier SRRA Break Room	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	03-Jun-16	01-Jun-17	22-Dec-17	25-Jan-19
116	02-4G380	Trinity	299	0	8.3	1	Humgray CAPM	Lower Trinity, Burnt Ranch	N	-	-	0.9	0.0	0.0%	WPCP	E	30-Nov-15	13-May-16	17-Dec-16	16-Nov-18
117	02-4G390	Plumas	070	33.07	33.07	5	Indian Creek Bridge Rail Replacement	Indian Creek	N	-	-	0.0	0.0	0.0%	TBD	E	01-Sep-18	15-Sep-19	15-Feb-21	01-Nov-22
118	02-4G400	Shasta	005	57.41	57.41	5	Sims UC Bridge Rehab	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Feb-18	01-Apr-19	02-Jan-20	15-Nov-21
119	02-4G410	Shasta	005	66.8	66.8	5	Castella Bridge Rehab	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	01-Feb-18	17-Sep-19	23-Apr-20	15-Nov-21
120	02-4G420	Shasta	273	-	-	5	Spring Bonnyview Pavement	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	16-Sep-16	02-Feb-18	17-Aug-18	31-Jan-20
121	02-4G430	Shasta	299	60	67.9	5	Montgomery Creek Pavement	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	15-Jan-20	02-Dec-20	17-Jul-21	16-Nov-20
122	02-4G440	Siskiyou	003	38	38.6	1	Lower Moffett Creek Scour	TBD	N	-	-	0.7	0.0	0.0%	TBD	E	06-Sep-19	10-Jul-20	26-Feb-21	12-Jan-24
123	02-4G500	Trinity	299	1.9	2.1	1	South Fork Mine CRZ	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	23-Apr-18	24-Jul-19	13-Feb-20	29-Dec-20
124	02-4G510	D02-Various	VAR	-	-	-	Motley Retrofits	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	23-Oct-22	19-Nov-23	17-Jun-24	15-Nov-25
125	02-4G520	Shasta	005	28	29	5	Bridge Maintenance	TBD	N	-	-	0.0	0.0	0.0%	WPCP	E	15-Sep-16	27-Jul-17	23-Feb-18	25-Apr-20
126	02-4G530	D02-Various	VAR	0	0	1	Scour Mitigation	TBD	N	-	-	0.0	0.0	0.0%	401	E	18-Feb-19	13-Feb-20	26-Aug-20	12-Sep-20
127	02-4G540	Tehama	036	40.32	42.04	5	Red Bluff CAPM	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	25-Dec-17	18-Jun-19	19-Feb-20	31-Dec-21
128	02-4G550	Siskiyou	005	2.7	11.4	5	Pavement Rehab with Shoulder Widening	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	18-Mar-16	12-Jan-17	20-Sep-17	15-Jan-20
129	02-4G560	Tehama	036	0	44	5	Red Bluff Drainage	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	03-Oct-16	03-Oct-19	11-May-18	27-Jul-20
130	02-4G570	Shasta	005	0	67	5	I-5 Worker's Safety	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	05-Oct-18	14-Jun-19	14-Mar-20	07-Jan-22
131	02-4G580	Shasta	005	31	31.7	5	O'Brien SRRA Water & Wastewater Rehab	TBD	N	WDR	-	0.0	0.0	0.0%	TBD	C	01-Nov-17	01-Jun-19	01-Mar-20	01-Oct-21
132	02-4G610	D02-Various	VAR	-	-	1	Shasta County Worker's Protection	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	08-Nov-17	04-Feb-19	07-Dec-20	29-Dec-22
133	02-4G620	Trinity	299	3.56	3.56	1	Salyer SRRA Septic and Well Rehab	TBD	N	WDR	-	0.0	0.0	0.0%	WPCP	E	16-Aug-18	16-Jul-19	08-Apr-20	08-May-20
134	02-4G630	D02-Various	VAR	-	-	-	3 Hill CCTV Upgrade	TBD	N	-	-	0.0	0.0	0.0%	TBD	E	20-Oct-17	29-Jun-18	15-Mar-19	31-Jan-20
135	02-4G700	Plumas	089	14.6	15	5	Construct Left Turn Lanes	FEATHER RIVER HU, EAST BRANCH NORTH FORK HA, CRESCENT MILL	N	-	-	1.0	1.1	0.0%	WPCP	E	06-Apr-20	09-Aug-21	02-Jul-22	10-Jan-24
136	02-4G710	Plumas	089	14.8	14.8	5	Arlington Park and Ride	TBD	N	-	-	0.7	0.5	0.0%	TBD	C	06-Apr-20	09-Aug-21	02-Jul-22	10-Jan-24
137	02-4G760	Lassen	395	61	61	6	TBD	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	06-Apr-20	09-Aug-21	07-Jun-22	10-Jan-24
138	02-4G770	Plumas	036	13.73	14.23	5	Improve Intersection	Lake Almanor	N	-	-	1.6	1.2	47.1%	SWPPP	C	03-Sep-18	15-Sep-19	15-Feb-21	01-Nov-22

Table 6-1: District 2 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Other Regional Water Board Permits Required ⁶	Potential and Actual Impacts of Project's Discharge ⁷	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) ⁸	Post-Construction Treatment Control Type, Quantity ⁹	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PA&ED Date	PS&E Date	Start Date	End Date
139	02-4G780	Siskiyou	089	34.2	34.4	5	Intersection Improvements	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	10-Jan-20	05-Feb-21	27-Aug-21	20-Jan-23
140	02-4G830	Shasta	005	27.5	29.5	5	PIT RIVER BRIDGE OVERHEAD	TBD	N	-	-	0.0	0.0	0.0%	TBD	C	16-Jul-21	26-Dec-23	05-Feb-24	17-Apr-28

Treatment Control Status Legend	
BMP Device Types:	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
E	Exempt
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices – Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

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Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 2 Anticipated Significant Road Maintenance Activities

No.	EA	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected ¹⁰	Other Regional Water Board Permits Required ¹¹	Potential and Actual Impacts of Project's Discharge ¹²	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) ¹³	Post-Construction Treatment Control Type, Quantity ¹⁴	Start Date	Completion Date
1	1H880, 0216000015	SHA	005	R32.16	R32.16	5	Place polyester concrete overlay on bare deck, place new joint seal on undercrossing	None	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
2	1H880, 0216000015	SHA	005	R37.08	R37.08	5	Place polyester concrete overlay on bare deck, place new joint seal on undercrossing	None	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
3	1H880, 0216000015	SHA	036	11.91	11.91	5	Treat existing polyester concrete overlay with methacrylate. Upgrade MBGR with Type-WB transitions and new PCC end blocks.	Beegum Creek	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
4	1H880, 0216000015	SHA	273	12.58	12.58	5	Remove existing AC overlay and place new AC overlay with membrane. Upgrade MBGR with Type-WB transitions and new PCC end blocks.	Olney Creek	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
5	1H880, 0216000015	SHA	299	27.94	27.94	5	Place polyester concrete overlay on bare deck, place new joint seal.	Stillwater Creek	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
6	1H880, 0216000015	SHA	299	75.06	75.06	5	Place polyester concrete overlay on bare deck, place new joint seal.	West Branch Burney Creek	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
7	1H880, 0216000015	SHA	299	84.02	84.02	5	Place polyester concrete overlay on bare deck, place new joint seal. Upgrade MBGR with Type-WB transitions and new PCC end blocks.	Hat Creek	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
8	1H880, 0216000015	SHA	299	84.48	84.48	5	Place polyester concrete overlay on bare deck, place new joint seal. Upgrade MBGR with Type-WB transitions and new PCC end blocks.	Pit River	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17

¹⁰ Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW."

¹¹ Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

¹² This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

¹³ A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.

¹⁴ Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-2: District 2 Anticipated Significant Road Maintenance Activities

No.	EA	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected ¹⁰	Other Regional Water Board Permits Required ¹¹	Potential and Actual Impacts of Project's Discharge ¹²	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) ¹³	Post-Construction Treatment Control Type, Quantity ¹⁴	Start Date	Completion Date
9	1H880, 0216000015	SHA	299	91.39	91.39	5	Place polyester concrete overlay on bare deck, place new joint seal. Upgrade MBGR with Type-WB transitions and new PCC end blocks.	Fall River	None	None	None	None	NA	WPCP	NA	1/6/17	12/1/17
10	1H940	SHA	273	17.08	17.08	5	Remove and replace steel finger joint seal assemblies at the Span 1 and 8 hinges within the northbound lanes of the 1935 portion of the structure.	Sacramento River	None	None	None	None	NA	WPCP	NA	10/24/17	12/1/18
11	1H950	SIS	005	1.21	1.21	5	Jack up bridge and reset the bearings at abutments 1&4 and Girders 3, 6-11 at Panorama undercrossing	None	None	None	None	None	NA	WPCP	NA	1/5/18	12/1/18
12	1H950	SIS	005	R15.94	R15.94	5	Replace pourable joint seals at both abutments with compression joint seals.	None	None	None	None	None	NA	WPCP	NA	1/5/18	12/1/18
13	0216000084	SIS TRI	3 3	23.0 42.0	27.0 46.7	1	AR CHIP SEAL, REPLACE AC SURFACING	Scott River Upper Trinity River	None	None	0	0	0	WPCP	NA	1/20/2017	12/31/2018
14	0216000087	MOD LAS	395 395	39.9 119.0	61.6 128.7	5 6	AR CHIP SEAL, REPLACE AC SURFACING	Upper Pit River Madeline Plains	None	None	0	0	0	WPCP	NA	1/27/2017	12/31/2018
15	0216000089	MOD	139	28.0	34.0	1	PLACE HMA, REPLACE AC SURFACING	Lost River	None	None	0	0	0	WPCP	NA	2/10/2017	12/31/2018
16	0216000088	TRI	3	49.7	53.7	1	PLACE HMA, REPLACE AC SURFACING	Upper Trinity River	None	None	0	0	0	WPCP	NA	2/17/2017	12/31/2018
17	0216000090	SHA	5	1.8	R6.5	5	MILL AND REPLACE RHMA-O OVERLAY	Anderson and Lower Cottonwood Creeks	None	None	0	0	0	WPCP	NA	3/3/2017	12/31/2018
18	0216000079	SHA	151	0.0	5.5	5	AR CHIP SEAL, REPLACE AC SURFACING	Anderson and Lower Cottonwood Creeks	None	None	0	0	0	WPCP	NA	3/3/2017	12/31/2018
19	0216000080	MOD	139	R6.0	R10.7	5	PLACE HMA, REPLACE AC SURFACING	Upper Pit River	None	None	0	0	0	WPCP	NA	3/10/2017	12/31/2018
20	0216000091	TEH PLU	36 36	91.5 0.0	104.0 4.0	5	AR Chip, Replace AC Place HMA, Replace AC	Deer Creek NF Feather River	None	None	0	0	0	WPCP	NA	3/17/2017	12/31/2018
21	0216000095	LAS	139	10.0	20.0	6	AR CHIP SEAL, REPLACE AC SURFACING	Upper Willow Creek	None	None	0	0	0	WPCP	NA	4/7/2017	12/31/2018
22	0216000105	SHA	89	0.0	21.3	5	AR CHIP SEAL, REPLACE AC SURFACING	Hat Creek	None	None	0	0	0	WPCP	NA	4/14/2017	12/31/2018

Table 6-2: District 2 Anticipated Significant Road Maintenance Activities

No.	EA	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected ¹⁰	Other Regional Water Board Permits Required ¹¹	Potential and Actual Impacts of Project's Discharge ¹²	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) ¹³	Post-Construction Treatment Control Type, Quantity ¹⁴	Start Date	Completion Date
23	0216000106	TRI	36	R3.5	R9.2	1	Cold In-Place Recycle, PLACE HMA	Bear Creek-Mad River	None	None	0	0	0	WPCP	NA	4/27/2017	12/31/2018
24	0215000089	LAS	139	20.0	30.0	6	AR CHIP SEAL, REPLACE AC SURFACING	Lower Dry Lake-Frontal Eagle Lake	None	None	0	0	0	WPCP	NA	12/22/2015	12/29/2017
25	0215000092	LAS	139	53.0	57.0	5	PLACE HMA, REPLACE AC SURFACING	Upper Willow Creek	None	None	0	0	0	WPCP	NA	2/26/2016	7/6/2016
26	0215000095	SIS SIS	96 97	77.2 2.0	92.0 2.6	1	AR CHIP SEAL, REPLACE AC SURFACING	Little Humbug Cr.-Klamath River Boles Cr.-Shasta River	None	None	0	0	0	WPCP	NA	3/22/2016	12/29/2017
27	0215000097	SHA SHA SHA	89 299 299	30.5 67.8 76.2	43.4 74.0 77.8	5	AR CHIP SEAL, REPLACE AC SURFACING	Cayton Cr. Carberry & Burney Cr. Burney Cr.	None	None	0	0	0	WPCP	NA	3/3/2016	1/29/2017
28	0215000088	PLU	89	35.5	R42.185	5	COLD PLANE AND PLACE 0.15' RHMA	Lake Almanor	None	None	0	0	0	WPCP	NA	3/3/2016	6/29/2016
29	0215000090	TRI TRI	3 3	L0.0 0.0	L4.79 0.6	1	PLACE HMA, REPLACE AC SURFACING	Salt Creek	None	None	0	0	0	WPCP	NA	3/3/2016	12/29/2017
30	0215000094	LAS	395	36.4	47.0	6	PLACE RHMA, REPLACE AC SURFACING	Honey Lake	None	None	0	0	0	WPCP	NA	4/15/2016	12/29/2017
31	0215000096	PLU	70	46.2	53.5	5	PLACE RHMA, REPLACE AC SURFACING	Mill Creek-Spanish Creek	None	None	0	0	0	WPCP	NA	4/7/2016	12/29/2017
32	0215000087	TRI	36	R9.2	15.8	1	PLACE HMA, REPLACE AC SURFACING	Little Bear Wallow Cr.-South Fork Trinity River	None	None	0	0	0	WPCP	NA	5/2/2016	12/29/2017
33	0215000098	SIS	161	9.0	15.0	1	Cold In-Place Recycle, PLACE HMA	Sheepy Creek-Lower Klamath Lake	None	None	0	0	0	WPCP	NA	3/16/2016	12/29/2017
34	0215000099	LAS LAS LAS	299 299 299	12.2 14.1 15.3	14.1 15.3 18.5	5	AR Chip, Replace AC Place HMA, Replace AC AR Chip, Replace AC	Bull Run Slough-Pit R.	None	None	0	0	0	WPCP	NA	4/5/2016	12/29/2017
35	0215000091	PLU	89	8.7	12.9	5	PLACE HMA, REPLACE AC SURFACING	Frazier Cr.-Middle Fork Feather R.	None	None	0	0	0	WPCP	NA	3/28/2016	12/29/2017

Treatment Control Status Legend	
BMP Device Types:	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
E	Exempt
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices – Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

Table 6-3 lists the District’s planned monitoring activities.

Table 6-3: District 2 Monitoring Activities

Statewide Monitoring Program Activities
<i>ASBS Core Monitoring Sites</i>
<ul style="list-style-type: none">• District sites include the following:<ul style="list-style-type: none">○ NA
<i>ASBS Ocean Receiving Water and Reference Monitoring Sites</i>
<ul style="list-style-type: none">• District sites include the following:<ul style="list-style-type: none">○ NA

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7 Region-Specific Activities

Section 7 of the DWP identifies the applicable region-specific activities that District 2 has planned for fiscal year 2017-18 to comply with Attachment V of the Conformed NPDES Permit.

North Coast Region

Riparian Vegetation Removal

Caltrans controls vegetation on state highway roadsides to maintain clear recovery zones, maintain clear areas around bridge supports, maintain visibility of traffic control devices, to reduce the risk of fires starting along the roadside, protect pavement surfaces, control noxious weeds, prevent erosion, limit stormwater pollution, protect sensitive species, and improve aesthetics.

Within the North Coast Region, manual vegetation control is done within riparian areas and only when necessary for protection of the public or highway structures. Due to the limited right-of-way within riparian relative to watershed size, exceedance of water quality objectives is not anticipated. Maintenance activity that removes riparian vegetation is done in accordance with BMPs described in the Maintenance Staff Guide. Removal of riparian vegetation is normally addressed on projects during the Section 404/401 permitting process.

Notification to NCRWQCB: Routine Maintenance Work within NCRWQCB Jurisdiction

Table 7-1 below has been included as notification of upcoming work over water. The projects will not result in generating disturbed soil areas. Caltrans Standard Specifications 2015 Section 13 requires a Water Pollution Control Plan developed by a qualified professional for the projects. Best Management Practices will be implemented in an effort to avoid and minimize the potential for discharges and/or to implement temporary erosion control measures. Table 7-1 lists the anticipated routine maintenance work over water within the North Coast RWQCB jurisdiction.

Lahontan Region

Vegetation Removal or Existing Ground Surface Disturbance Prohibition

District 2 will comply with the vegetation removal or existing ground surface disturbance prohibition requirements within the Lahontan Region as described in the Conformed NPDES Permit.

Project Review Requirements

District 2 will comply with the project review requirements within the Lahontan Region as described in the Conformed NPDES Permit.

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Table 7-1: District 2 Maintenance Notifications to the North Coast Regional Water Quality Control Board

Project Location						RWQCB	Water Bodies Within or Adjacent to Project Limits	Maintenance Activities	Disturbed Soil Area (acres)	Water Pollution Control Strategy (BMPs)	Construction Period	
No.	EA	CO	Rte	Begin PM	End PM						Start Date	End Date
1	1H890	TRI	3 3 299 299 299 299	6.52 29.74 56.5 R58.0 59.68 68.5	6.52 29.74 56.5 R58.0 59.68 68.5	1	Hayfork Creek Reading Creek Weaver Creek Trinity River Indian Creek Grass Valley Cr.	methacrylate seal methacrylate seal methacrylate seal, paint rocker bearing install new joint seal methacrylate seal install new joint seals	0	Water Pollution Control Plan (Chapter 13 of Caltrans Standard Specifications); Caltrans Maintenance Staff Guide.	2/3/2017	12/1/2017
2	1H950	SIS	3 5	51.76 R39.02 R39.27	51.76 R39.02 R39.27	1	Shasta River Cram Gulch Guys Gulch	Place 1" thick polyester concrete overlay R&R polyester concrete R&R polyester concrete	0	Water Pollution Control Plan (Chapter 13 of Caltrans Standard Specifications); Caltrans Maintenance Staff Guide.	1/5/2018	12/1/2018

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