

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

Fiscal Year

2016-2017

CTSW-RT-15-316.11.1



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, 2015

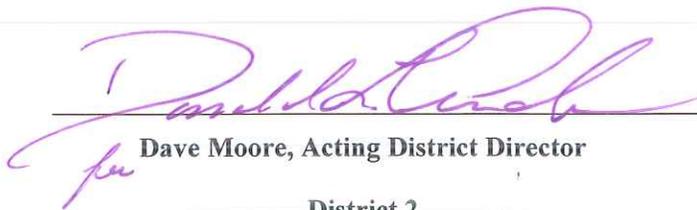


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**California Department of Transportation
District 2 Certification**

District Work Plan 2016-17

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)]


per

Dave Moore, Acting District Director

District 2

9/8/15

Date

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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 2016-17. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

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 *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) (Caltrans NPDES Permit).

District Goals and Commitments

The District's goals and commitments include the following:

- 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 Intents 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.

Maintenance Coordinator

The Maintenance 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.
- Submit Vegetation Control Plans (VCPs) to the Regional Boards.
- 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 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 “Don’t Trash California” 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 Management 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
VACANT	District NPDES Stormwater Coordinator	(530) 225-2233	david_melendrez@dot.ca.gov	Primary contact for all 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
Justin Borders	North Region Construction Stormwater Coordinator-North Area	(530) 225-3579	justin.borders@dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs
VACANT	District Maintenance Stormwater Coordinator	(530) 225-2099	-	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
Ron Flory	Landscape Architecture Coordinator	(530) 225-3109	ron_flory@dot.ca.gov	Provides guidelines for implementing erosion control measures at construction project sites

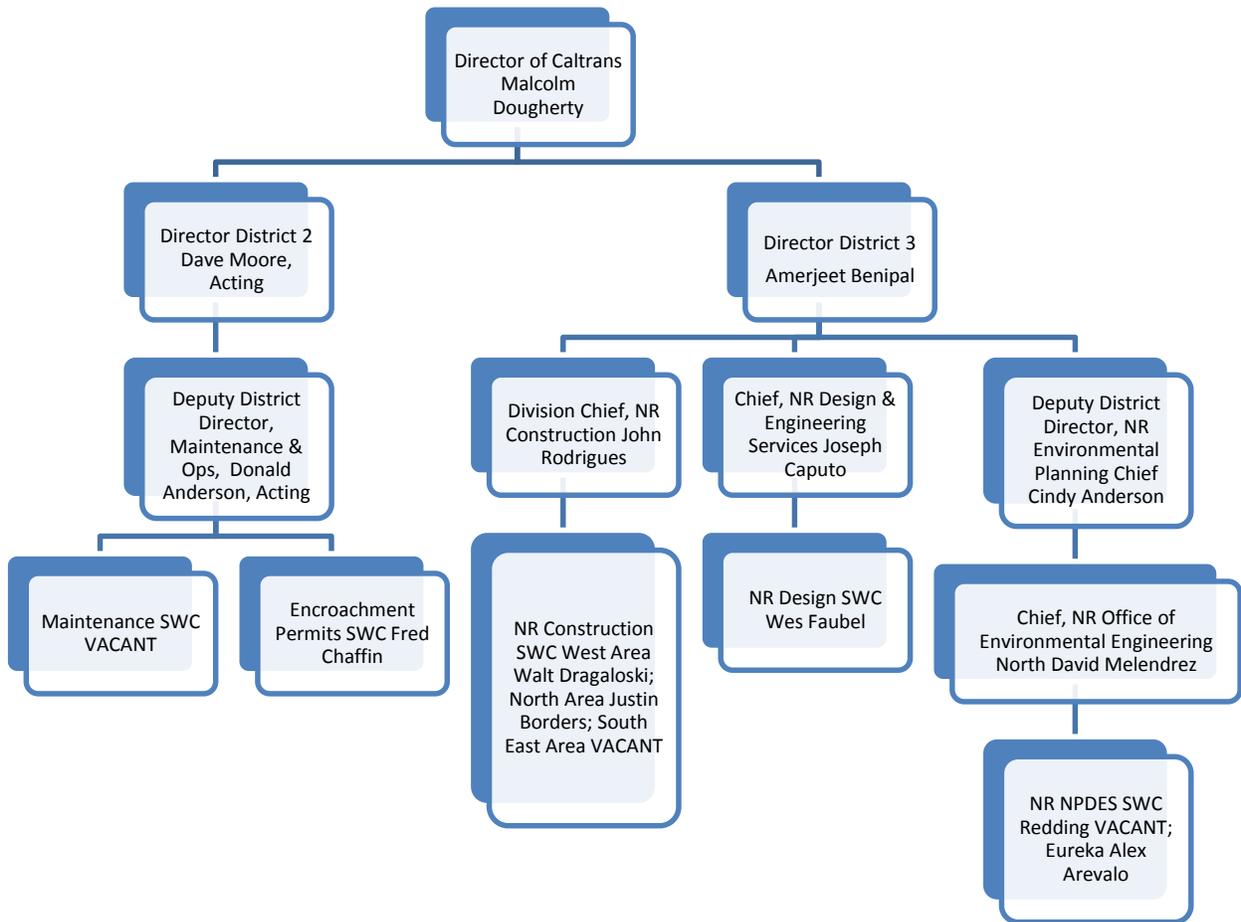
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Caltrans 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 Acting 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
Justin Borders	(530) 225-3579	justin.borders@dot.ca.gov	SWPPP, Notice of Construction (NOC), Notice of Termination (NOT), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Incident Report Form
Maintenance Stormwater Coordinator	(530) 225-2099	VACANT	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illegal Connection/Illicit Discharge (IC/ID)
Fred Chaffin	(530) 225-3121	fred_chaffin@dot.ca.gov	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Construction Engineers and Resident Engineers	-	-	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC, Incident Report Form
Facility Supervisors	-	-	Facility Pollution Prevention Plans (FPPP)

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

Figure 2-1: District 2 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 Centerville C.S.D.	1.3 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 0.00 – 72.25	Trinity	1	Trinity River – Upper and Lower Middle	Incorporated into projects as they occur
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
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 – 8.0	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
Route 70 0.63 – 19.00	Plumas	5	Feather River North Fork below Lake Almanor	Incorporated into projects as they occur

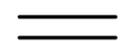
Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 2 in 2014, including rock cut slopes, landslides, and moderate soil erosion.

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District 2

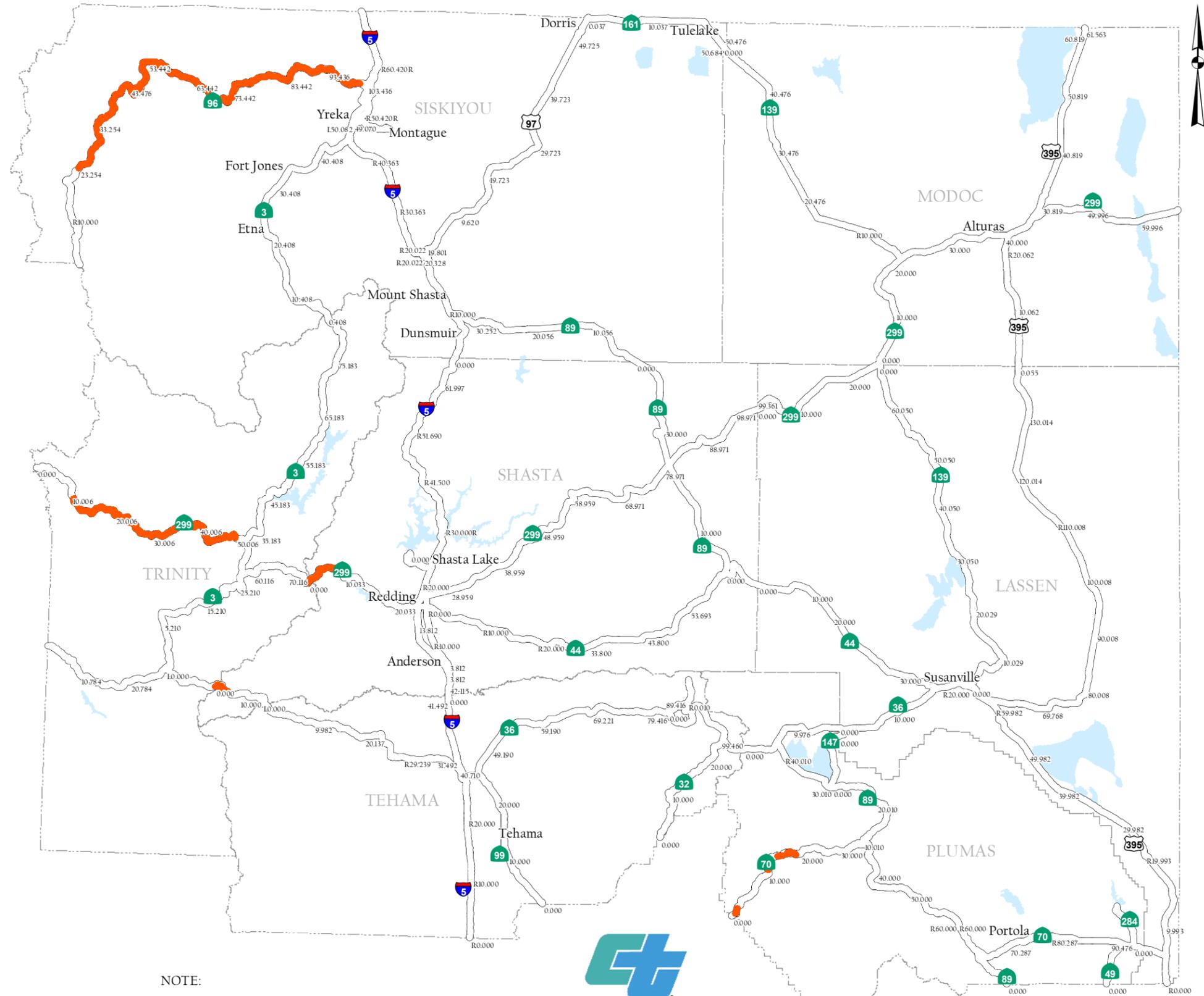
2015 Areas Prone to Erosion

Legend

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

Areas Prone to Erosion

DISTRICT	COUNTY	ROUTE	PM1	PM2
2	PLU	70	0.639	19.000
2	SHA	36	3.499	41.138
2	SHA	299	0.000	8.000
2	SIS	96	23.292	101.988
2	TRI	299	10.744	50.000



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\2015_erosion_District02.mxd



State of California
 Department of Transportation
 Division of Maintenance GIS
 August 6, 2015



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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 Initiation Document (PID), 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 PID, 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 ^{1,2}	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 ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
1	020E090	Shasta	005	29.5	30	5	Sidehill and Dog Creek Seismic Retrofit	(Shasta Lake)	Y	-	-	16.5	4.04	98.78%	SWPPP	C	5/28/2015	9/1/2016	4/1/2017	12/31/2018	-
2	020E180	Plumas	089	29	30	5	Lake Almanor Bridge Replacement	(North Fork Feather River), (Lake Almanor)	NA	-	-	-	-	-	TBD	E	7/1/2016	11/15/2017	6/1/2018	12/1/2019	-
3	020E240	Plumas	089	19.8	20.8	5	Greenville Sidewalks and Pavement Rehab	Wolfe Creek	N	-	-	0.88	0.4	-	WPCP	ID, 2	7/1/2015	-	1/15/2016	12/1/2017	-
4	020E360	Tehama	005	10.5	10.5	5	Corning NB and SB SRRAs	ND	N	-	-	0.8	0.42	-	WPCP	E	1/1/2016	11/1/2016	6/1/2017	7/1/2019	-
5	020H030	D02-Variou	070	VAR	VAR	5	Feather River Drainage Rehab	TBD	NA	-	-	-	-	-	TBD	E	-	1/1/2015	5/7/2015	12/31/2020	-
6	020H110	Tehama	036	36.4	36.8	5	Meister Curve Improvement	TBD	NA	-	-	-	-	-	TBD	C	-	12/12/2014	6/1/2015	12/31/2020	-
7	020H200	Tehama	032	8.6	9.2	5	Colby Curves Curve Improvement	TBD	Y	-	-	-	-	-	TBD	C	-	4/2/2015	8/1/2015	12/31/2020	-
8	020H280	D02-Variou	VAR	VAR	VAR	5	Light CCTV Cameras	TBD	N	-	-	-	-	-	WPCP	E	-	4/2/2015	8/1/2015	12/31/2020	-
9	020H320	Trinity	299	4.7	5	1	Ice Box Operational Improvement	(Trinity River)	N	-	-	-	-	-	TBD	E	-	7/2/2015	8/1/2015	12/31/2020	-
10	020H330	Trinity	299	VAR	VAR	1	TRI 299 Operational Improvement Truck Clearance	(Trinity River)	N	-	-	-	-	-	TBD	C	6/20/2008	12/1/2015	8/15/2016	9/1/2017	-
11	020H380	Plumas	070	1	1.3	5	Elephant Butte Tunnel Lighting	(North Fork Feather River)	N	-	-	-	-	-	TBD	E	7/28/2016	12/1/2017	8/15/2018	12/1/2021	-
12	020H390	Tehama	036	87	87.8	5	...	TBD	NA	-	-	-	-	-	TBD	TBD	7/28/2016	12/1/2017	8/15/2018	12/1/2021	-
13	020H410	Trinity	299	10.9	11.2	1	Burnt Ranch Rock Drapery	(Trinity River)	N	-	-	-	-	-	WPCP	E	6/1/2018	6/1/2019	7/1/2020	7/1/2022	-
14	020H450	Plumas	070	11.5	11.9	5	Opapee Curve Improvement	(North Fork Feather River)	N	-	-	-	-	-	TBD	C	1/1/2016	10/15/2016	9/15/2017	8/1/2019	-
15	020H470	Siskiyou	VAR	-	-	5	...	TBD	NA	-	-	-	-	-	TBD	TBD	8/30/2016	10/15/2018	4/9/2019	10/30/2020	-
16	020H510	Plumas	070	-	-	5	...	TBD	NA	-	-	-	-	-	TBD	TBD	6/27/2005	1/2/2016	5/15/2016	8/1/2017	-
17	020H540	Trinity	003	30	85.068	1	Trinity 3 Drainage Rehab	TBD	NA	-	-	-	-	-	TBD	E	10/1/2016	2/17/2018	8/1/2018	10/1/2020	-
18	020H550	Plumas	070	0	70	5	Plumas 70 Drainage Rehab	TBD	NA	-	-	-	-	-	TBD	E	10/1/2016	2/17/2018	8/1/2018	10/1/2020	-

¹ Supplemental Environmental Projects designated as "SEP."

² Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.

³ Regional Board

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 ^{1,2}	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 ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
19	020H560	Butte	070	22	48	5	Butte 70 Drainage Rehab	TBD	NA	-	-	-	-	TBD	E	8/13/2009	12/1/2015	6/1/2016	10/1/2017	-	
20	020H570	Modoc	139	0	50.684	1, 5	Modoc 139 Drainage Rehab	TBD	NA	-	-	-	-	TBD	E	11/1/2015	3/1/2016	12/1/2016	12/1/2017	-	
21	020H630	Lassen	139	6.65	7.15	6	Lower Antelope Summit Curve Correction	(Susan River)	NA	-	-	-	-	TBD	C	2/1/2016	10/1/2017	5/23/2018	11/15/2019	-	
22	020H680	Trinity	299	23.1	23.3	1	Big French Creek Rock Drapery	(Trinity River)	N	-	-	-	-	WPCP	E	2/1/2018	5/1/2019	4/1/2020	1/2/2022	-	
23	020H690	Trinity	299	43.1	43.3	1	Junction City Rock Drapery	(Trinity River)	N	-	-	-	-	WPCP	E	10/1/2017	8/1/2018	4/1/2019	7/1/2020	-	
24	020H760	D02-Various	070	VAR	VAR	5	Chilcoot 2R Pavement Rehab	TBD	NA	-	-	-	-	TBD	E	9/1/2017	3/1/2018	7/1/2018	3/1/2019	-	
25	020H780	D02-Various	VAR	VAR	VAR	5	Upgrade Gore Signs	TBD	N	-	-	-	-	TBD	E	1/30/2015	3/1/2016	2/1/2017	1/1/2019	-	
26	020H800	Plumas	070	NA	NA	5	Soda Rush Fish Passage	TBD	NA	-	-	-	-	TBD	C	9/1/2018	1/15/2020	9/1/2020	3/1/2023	-	
27	020H830	Tehama	036	40.3	41.25	5	Hwy 36 Realignment at Red Bluff	Dibble Creek	N	-	-	-	-	TBD	C	4/1/2016	8/1/2017	5/1/2018	10/15/2018	-	
28	020H840	Trinity	299	47.2	49.2	1	Oregon Mountain Remove and Replace AC	(Trinity River)	NA	-	-	-	-	TBD	C	4/11/2013	10/1/2015	7/15/2016	12/1/2018	-	
29	020H900	D02-Various	070	NA	NA	5	Feather River Aquatic Passage	(Feather River)	NA	-	-	-	-	TBD	E	4/11/2013	7/1/2016	2/1/2017	12/1/2018	-	
30	020H920	Shasta	005	15.4	19	5	...	(Sacramento River)	NA	-	-	-	-	TBD	-	9/1/2015	9/15/2016	3/16/2017	12/1/2017	-	
31	020H930	Lassen	139	20	30	6	Eagle Lake AR Chip Seal	ND	N	-	-	-	-	WPCP	E	7/1/2018	7/1/2019	5/1/2020	10/1/2021	-	
32	020H940	Lassen	139	53	57	5	Willow Creek North AC Overlay	(Willow Creek)	N	-	-	-	-	WPCP	E	9/1/2015	-	3/1/2016	10/2/2017	-	
33	020H950	Siskiyou	VAR	VAR	VAR	1	Klamath River Gap Chip Seal	(Klamath River)	N	-	-	-	-	WPCP	E	8/1/2016	10/1/2017	6/1/2018	10/15/2018	-	
34	020H960	Siskiyou	003	0.4	6.9	1	Scott Mountain Chip Seal	(Scott River)	N	-	-	-	-	WPCP	E	3/6/2015	-	1/15/2018	1/15/2019	-	
35	020H980	Plumas	089	35.5	42.2	5	Almanor Westshore Mill and Fill	(Lake Almanor)	N	-	-	-	-	WPCP	E	4/5/2017	9/14/2022	2/27/2023	1/6/2027	-	
36	020H990	Trinity	003	0	4.79	1	Peanut AC Overlay	(South Fork Trinity River)	N	-	-	-	-	WPCP	E	1/2/2016	4/1/2016	12/1/2016	12/1/2018	-	
37	021C750	Plumas	070	14.9	14.9	5	Yellow Creek Bridge Replacement	(Feather River)	N	-	-	0.8	0.12	WPCP	E	4/11/2013	4/16/2013	1/3/2014	12/1/2017	-	
38	021H000	Lassen	395	36.4	47	6	Milford Phase 2	ND	N	-	-	-	-	WPCP	E	7/15/2016	7/15/2017	1/1/2018	1/1/2019	-	
39	021H010	Plumas	070	46.2	53.5	5	Spring Garden AC Overlay	(Middle Fork Feather River)	N	-	-	-	-	WPCP	E	9/1/2018	11/1/2019	5/1/2020	7/1/2021	-	
40	021H020	Trinity	036	9.2	15.8	1	South Fork Mountain AC Overlay	(Trinity River), (Mad River)	N	-	-	-	-	WPCP	E	7/1/2017	11/1/2018	2/15/2020	8/1/2021	-	
41	021H030	Siskiyou	161	9	15	1	White Lake Circle Cold in Place Recycle	(Tule Lake), (Lost River)	N	-	-	-	-	WPCP	E	6/1/2016	1/1/2017	8/1/2017	7/1/2018	-	

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		Co.	Route	Begin PM	End PM	RB ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
42	021H040	Lassen	299	12.3	18.5	5	Bieber Pavement Preservation AR Chip Seal	(Pit River)	N	-	-	-	-	-	WPCP	E	3/1/2017	1/1/2018	9/1/2018	10/1/2020	-
43	021H050	Plumas	089	8.7	12.9	5	Wye to Crescent Mills HMA Overlay	(North Fork Feather River)	N	-	-	-	-	-	WPCP	E	5/1/2017	6/17/2019	1/9/2020	7/8/2021	-
44	021H090	Siskiyou	096	23	103.42	1, Karuk	Ukonom 3 Drainage Rehab	TBD	NA	-	-	-	-	-	TBD	E	8/1/2016	-	3/1/2017	10/31/2017	-
45	021H110	Lassen	299	25.58	25.58	5	Adin Maintenance Facility	ND	N	-	-	-	-	-	TBD	C	10/16/2013	-	2/1/2017	8/1/2017	-
46	021H120	D02-Various	VAR	VAR	VAR	5	Replace Pavement Markers	TBD	N	-	-	-	-	-	WPCP	E	5/18/2017	7/5/2019	1/28/2020	7/27/2021	-
47	021H150	Shasta	005	-	-	-	...	TBD	NA	-	-	-	-	-	TBD	TBD	4/1/2017	7/1/2017	2/1/2018	7/1/2018	-
48	021H320	Tehama	099	12	12.6	5	ADA & Pedestrian Improvements	(Sacramento River)	N	-	-	1	0.6	9.23%	SWPPP	E	4/23/2015	5/15/2015	5/31/2019	10/1/2020	-
49	021H330	Modoc	299	51.9	52.5	6	East Cedar Pass Safety	Cedar Creek	NA	-	-	-	-	-	TBD	C	1/2/2017	2/1/2018	7/15/2018	11/1/2019	-
50	0229971	Modoc	299	39.3	40.49	5	Alturas Shoulder Widening	(Pit River)	N	-	-	2.83	0.9	-	SWPPP	E	1/1/2019	10/1/2019	2/25/2020	8/24/2021	-
51	022C090	Plumas	070	50.6	51.7	5	Spring Garden Bridge Rehab	Estray Creek, Greehorn Creek	Y	-	-	-	-	-	TBD	C	7/1/2015	12/1/2015	6/1/2017	5/18/2018	-
52	022E480	Siskiyou	263	57.1	57.1	1	263 Klamath River Bridge Replacement	(Middle Fork Klamath River)	Y	-	-	-	-	-	TBD	C	6/2/2014	4/1/2015	12/15/2015	1/15/2019	-
53	022E800	Siskiyou	005	7.2	7.2	5	Dunsmuir Truck Inspection Facility	Big Canyon Creek, Upper Sacramento River	N	-	-	0.7	-	-	WPCP	E	3/1/2018	12/1/2018	9/2/2019	1/4/2021	-
54	0236841	Shasta	044	4.6	6.4	5	Stillwater Operational Improvement Facility	TBD	N	-	-	-	-	-	TBD	C	3/24/2016	10/13/2017	3/1/2018	7/11/2019	-
55	0237311	Plumas	070	35.1	35.5	5	Bridge Rehabilitation	(Feather River)	NA	-	-	-	-	-	TBD	C	11/1/2016	1/11/2018	6/15/2018	8/15/2019	-
56	0237890	Shasta	005	39	41.2	5	Antlers Bridge Replacement	(Shasta Lake)	Y	-	-	51	1.5	-	SWPPP	C	5/18/2015	9/1/2016	4/1/2017	12/31/2018	-
57	023E410	Shasta	299	0.3	7.1	5	BGI Capstone Highway Realignment	(Willow Creek)	Y	-	-	71.1	7.1	24.83%	SWPPP	TST, 5	3/31/2016	7/31/2017	2/6/2018	12/7/2018	-
58	023E720	Tehama	036	42.1	46	5	East Red Bluff Cap	East Sand Slough, (Sacramento River)	N	-	-	0	0	-	WPCP	E	12/1/2017	9/30/2019	5/7/2020	10/28/2021	-
59	023E730	Siskiyou	005	68.3	68.3	1	Hilt Rd OC Deck Replacement	(Klamath River)	N	-	-	3.5	-0.05	-2.38%	SWPPP	E	7/1/2016	-	1/7/2016	10/31/2017	-
60	023E740	Shasta	299	7.6	18.3	5	Whiskey Creek Roadway Rehab	(Whiskeytown Lake), (Willow Creek)	Y	-	-	19	9	-	SWPPP	C	8/15/2018	10/10/2019	5/14/2020	12/29/2022	-
61	024C150	Siskiyou	096	23.2	56	1, Karuk	96 Culverts Drainage Rehab	(Klamath River)	Y	-	-	-	-	-	TBD	E	1/4/2016	12/16/2016	6/2/2017	12/31/2018	-

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		Co.	Route	Begin PM	End PM	RB ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
62	024C403	Shasta	005	9.2	11.7	5	Churn Creek Road Overcrossing	(Sacramento River)	N	-	-	-	-	TBD	C	9/1/2015	9/1/2016	3/1/2017	9/4/2018	-	
63	024C404	Shasta	005	5.5	9.7	5	Redding to Anderson Big Easy Six Lane	(Sacramento River)	N	-	-	-	-	TBD	C	2/1/2016	10/3/2016	3/31/2017	10/1/2018	-	
64	024E020	Shasta	299	77.8	79.7	5	Johnson Park 3R Roadway Rehab	Burney Creek	N	-	-	5.5	1.8	SWPPP	C	12/19/2016	4/23/2018	11/12/2018	11/9/2020	-	
65	024E330	Plumas	089	15.76	15.76	5	FCO-Crescent Mills Riparian Mitigation Plan	East Branch North Fork Feather River	N	-	-	-	-	TBD	E	8/3/2015	-	5/1/2015	12/31/2017	-	
66	024E420	D02-Various	395	0	3.1	5	Preventative Maintenance	TBD	N	-	-	-	-	WPCP	E	4/2/2016	-	4/3/2017	7/2/2018	-	
67	024E440	Modoc	139	10.7	28	1	Perez 2R Pavement Rehab	(Klamath River)	N	-	-	0.1	-	TBD	E	3/27/2018	9/5/2023	10/17/2023	12/28/2027	-	
68	024E450	D02-Various	299	VAR	VAR	5	Bieber to Adin Pavement Rehab	TBD	NA	-	-	40	7.9	SWPPP	C	2/8/2018	7/20/2023	8/31/2023	11/12/2027	-	
69	024E460	Lassen	036	6.1	14.3	5, 6	Lower Fredonyer Pavement	Hamilton Branch, Goodrich Creek-Frontal Mountain Meadows Reservoir, Willard Creek	N	-	-	11	11	SWPPP	C	2/12/2018	7/24/2023	9/5/2023	11/15/2027	-	
70	024E640	Plumas	147	8.91	9.3	5	Hamilton Branch Bridge Replacement	(Lake Almanor)	Y	-	-	1.94	0.65	SWPPP	E	1/30/2015	4/1/2016	12/1/2016	12/1/2018	-	
71	024E650	Siskiyou	096	52.5	88.3	1	SIS 96 Three Bridges Rail Upgrade	(Klamath River)	Y	-	-	5.2	0.16	SWPPP	C	8/3/2018	8/8/2019	2/14/2020	11/15/2022	-	
72	024E670	Siskiyou	005	58	58	1	Collier SRRA	(Klamath River)	N	-	-	-	-	TBD	C	11/14/2016	5/8/2017	1/30/2018	10/30/2018	-	
73	024E680	Siskiyou	097	21.8	21.8	1	Grass Lake Safety Roadside Rest Area Relocation	Grass Lake	N	-	-	-	-	TBD	C	12/5/2018	6/5/2019	3/10/2020	12/30/2021	-	
74	024E690	Lassen	395	49.5	49.5	6	Honey Lake SRRA Sewer Restoration	Baxter Creek-Frontal (Honey Lake)	N	-	-	0.92	-	WPCP	E	9/1/2018	12/1/2019	8/1/2020	10/1/2021	-	
75	024F200	Shasta	044	59.62	59.62	5	Hat Creek Bridge Replacement	(Hat Creek)	Y	-	-	2.7	0.4	SWPPP	C	7/31/2015	7/15/2016	5/12/2017	11/10/2017	-	
76	024F210	Modoc	299	0.51	0.51	5	Butte and Ash Creek Bridge Replacement	TBD	NA	-	-	-	-	TBD	C	2/20/2018	7/18/2022	1/3/2023	3/15/2027	-	
77	024F220	Trinity	003	58.7	61.9	1	Swift Creek Bridge Replacement	(Trinity Lake), (Trinity River)	Y	-	-	3.9	0.1	SWPPP	E	10/16/2017	11/25/2019	6/30/2020	12/21/2021	-	
78	024F370	Tehama	099	11.9	12.6	5	Los Molinos Phase III	Mill Creek	NA	-	-	-	-	TBD	C	5/15/2015	-	10/1/2015	12/1/2017	-	
79	024F510	Shasta	005	0	67.02	5	MBGR Tehema County Line to Siskiyou County Line	TBD	N	-	-	-	-	TBD	E	12/9/2016	10/27/2017	5/18/2018	1/15/2021	-	
80	024F520	Siskiyou	005	0	69.29	1, 5	Siskiyou 5 CRZ	TBD	NA	-	-	-	-	TBD	C	4/2/2018	9/11/2023	10/23/2023	1/3/2028	-	

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		Co.	Route	Begin PM	End PM	RB ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
81	024f540	Siskiyou	005	15.5	16.3	5	Black Butte OH Bridge Replacement Southbound Only	ND	N	-	-	-	-	TBD	C	1/26/2015	9/8/2016	5/24/2017	1/3/2020	-	
82	024F550	Siskiyou	089	20.9	21.2	5	Mud Creek Bridge Replacement	Mud Creek	Y	-	-	-	-	TBD	C	10/27/2017	12/6/2019	7/13/2020	1/3/2022	-	
83	024F560	Lassen	036	7.28	7.28	5	Goodrich Creek Bridge Replacement	Goodrich Creek, Mountain Meadows Reservoir	Y	-	-	1.7	0.4	SWPPP	C	8/21/2015	-	4/15/2016	12/29/2017	-	
84	024F570	Modoc	299	23.34	23.34	5	Caldwell Creek Bridge Replacement	(Pit River)	Y	-	-	0.9	-	WPCP	C	-	3/15/2015	7/24/2020	12/31/2020	-	
85	024F58U	Siskiyou	005	58.1	58.4	1	Klamath River at Collier Bridge Strengthening and Rail Replacement	(Klamath River)	N	-	-	-	-	TBD	E	10/19/2018	10/4/2019	4/24/2020	1/21/2022	-	
86	024F590	Tehama	005	25.4	25.4	5	Sacramento River Bridge Seismic Retrofit	(Sacramento River)	Y	-	-	-	-	TBD	C	10/6/2017	6/1/2018	2/1/2019	1/15/2021	-	
87	024F600	Siskiyou	003	5	52	1	SIS 3 Deck Rehab	TBD	N	-	-	-	-	WPCP	E	3/1/2016	1/4/2017	5/31/2017	10/30/2017	-	
88	024F770	Modoc	299	24.5	33.5	5	Caldwell Creek Pavement Rehab	(Pit River)	Y	-	-	3	3	SWPPP	C	7/16/2018	12/26/2023	2/5/2024	4/17/2028	-	
89	024F780	D02-Variou	VAR	VAR	VAR	TBD	Pave Chain Control Areas Various Locations	TBD	N	-	-	-	-	TBD	TST, 1	6/30/2015	3/1/2016	10/15/2016	1/2/2020	-	
90	024F790	Shasta	151	5.5	5.83	5	Shasta Lake City Sidewalk	Keswick Reservoir	N	-	-	-	-	TBD	E	10/1/2015	-	5/2/2016	12/1/2017	-	
91	024F860	Trinity	036	26.8	27.1	1	Ditch Gulch Curve Improvement	Ditch Gulch, (Salt Creek)	Y	-	-	-	-	TBD	C	10/6/2016	3/2/2018	10/19/2018	11/12/2021	-	
92	024F900	Siskiyou	096	41.3	41.8	1	Happy Camp TA	(Klamath River)	NA	-	-	-	-	TBD	C	9/15/2015	12/1/2016	9/13/2017	2/1/2019	-	
93	024F920	Trinity	003	32	85	1	Trinity 3 Turnouts	(Trinity Lake)	N	-	-	0.98	0.65	SWPPP	C	3/6/2012	-	2/1/2013	12/1/2017	-	
94	024F990	Lassen	036	24.4	29.4	6	Susanville CAPM	(Susan River)	N	-	-	-	-	WPCP	E	1/12/2018	2/21/2020	9/28/2020	3/21/2022	-	
95	024G03U	Tehama	036	75.4	78.4	5	Lassen Lodge Curve Improvement and MBGR	ND	N	-	-	-	-	TBD	C	6/28/2013	3/10/2014	1/12/2015	2/6/2019	-	
96	024G240	Siskiyou	005	25.22	25.22	5	North Edgewood Overhead Upgrade	(Shasta River)	N	-	-	7.8	0.021	0.27%	SWPPP	C	3/20/2014	11/16/2014	6/9/2015	1/15/2018	-
97	024G250	Trinity	VAR	30.9	30.9	1	Trinity Drainage Improvements	Rush Creek	Y	-	-	-	-	TBD	C	10/14/2016	1/5/2018	9/12/2018	12/29/2021	-	
98	024G260	Plumas	147	0	1.3	5	Canyon Dam Roadway Rehab	(Lake Almanor), (North Fork Feather River)	N	-	-	-	-	TBD	E	10/7/2016	1/12/2018	9/7/2018	1/15/2021	-	
99	024G300	Siskiyou	005	58	58	1	Collier SRRA Break Room	(Klamath River)	N	-	-	-	-	TBD	C	3/29/2013	5/20/2016	1/2/2017	11/1/2018	-	
100	024G330	Tehama	032	21.5	24.9	5	Deer Creek CAPM	Deer Creek, Elam Creek	N	-	-	-	-	WPCP	E	3/29/2013	5/20/2016	1/2/2017	11/1/2018	-	
101	024G380	Trinity	299	0	8.3	1	Humgray CAPM	(Trinity River)	N	-	-	-	-	WPCP	E	10/7/2015	4/3/2017	12/20/2017	1/18/2020	-	

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		Co.	Route	Begin PM	End PM	RB ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
102	024G390	Plumas	070	33.07	33.07	5	Indian Creek Bridge Rail Replacement	Indian Creek, Spanish Creek	NA	-	-	-	-	-	TBD	E	12/12/2011	-	6/28/2012	10/15/2018	-
103	024G400	Shasta	005	57.41	57.41	5	Sims UC Bridge Rehab	Mears Creek, Upper Sacramento River	N	-	-	-	-	-	TBD	E	7/7/2015	2/1/2016	9/15/2016	11/6/2017	-
104	024G410	Shasta	005	66.8	66.8	5	Castella Bridge Rehab	Little Castle Creek, Upper Sacramento River	NA	-	-	-	-	-	TBD	E	12/5/2014	5/22/2015	12/2/2015	7/16/2017	-
105	024G420	Shasta	273	VAR	VAR	5	Route 273 Gaps Pavement Rehab	TBD	NA	-	-	-	-	-	TBD	E	2/1/2019	12/1/2019	9/1/2020	9/1/2024	-
106	024G430	Shasta	299	60	67.9	5	Montgomery Creek Pavement Rehab	Hatchet Creek, Little Hatchet Creek	N	-	-	-	-	-	TBD	E	3/23/2018	10/4/2018	7/30/2019	2/10/2021	-
107	024G440	Siskiyou	003	38.28	38.28	1	Lower Moffett Creek Bridge Scour Rehab	Moffett Creek, (Scott River)	NA	-	-	0.7	0	-	WPCP	E	5/11/2015	-	10/3/2016	10/2/2017	-
108	024G490	Shasta	044	45.1	45.5	5	Lower Manzanita Curve Improvement	Manzanita Creek	N	-	-	-	-	-	TBD	C	10/7/2016	6/9/2017	3/9/2018	1/10/2020	-
109	024G500	Trinity	299	1.9	2.1	1	South Fork Mine CRZ	(Trinity River)	NA	-	-	-	-	-	TBD	C	6/26/2015	5/6/2016	12/9/2016	1/18/2019	-
110	024G510	D02-Various	VAR	VAR	VAR	TBD	Motley Seismic Retrofits	TBD	NA	-	-	-	-	-	TBD	C	6/3/2016	6/10/2016	2/3/2017	1/18/2019	-
111	024G520	Shasta	005	28	29	5	Pit River Bridge Deck Improvements	(Lake Shasta)	N	-	-	-	-	-	TBD	E	2/15/2016	5/15/2017	3/14/2018	7/30/2019	-
112	024G530	Trinity	299	3	66	1	District Wide Scour Counter Measures	(Trinity River)	NA	-	-	-	-	-	TBD	E	7/29/2016	9/28/2017	4/27/2018	10/28/2019	-
113	024G540	Tehama	036	40.32	42.04	5	Red Bluff CAPM	(Sacramento River)	N	-	-	0	0	-	WPCP	E	2/1/2017	5/1/2018	10/15/2018	7/1/2019	-
114	024G550	Siskiyou	005	2.7	11.4	5	Southbound Dunsmuir 2R Roadway Rehab	Upper Sacramento River	N	-	-	-	-	-	TBD	E	11/11/2016	12/7/2017	6/15/2018	7/28/2020	-
115	024G560	Tehama	036	0	100	5	Red Bluff Drainage System Restoration	TBD	NA	-	-	-	-	-	TBD	E	1/28/2018	7/8/2021	8/19/2021	10/30/2025	-
116	024G570	Shasta	005	0	67	5	I-5 Worker's Safety	TBD	NA	-	-	-	-	-	TBD	E	7/1/2016	12/23/2017	8/2/2018	10/1/2020	-
117	024G580	Shasta	005	31	31.7	5	O'Brien SRRA Water & Wastewater Rehab	(Lake Shasta)	NA	-	-	-	-	-	TBD	E	4/6/2018	12/7/2018	8/9/2019	1/15/2021	-
118	024G610	D02-Various	VAR	VAR	VAR	1	Trinity Workers Safety Improvements	TBD	NA	-	-	-	-	-	TBD	E	12/1/2015	10/13/2017	4/18/2018	1/15/2021	-
119	024G620	Trinity	299	3.56	3.5601	1	Salyer SRRA Septic and Well Rehab	(Trinity River)	N	-	-	-	-	-	TBD	E	11/18/2016	10/13/2017	6/5/2018	1/10/2020	-
120	024G630	D02-Various	VAR	VAR	VAR	5	3 Hill CCTV Upgrade	TBD	N	-	-	-	-	-	TBD	E	10/2/2015	4/5/2016	11/18/2016	10/15/2018	-
121	024G650	Shasta	299	88.9	89.1	5	Pit One Operational Improvement	(Pit River)	N	-	-	1.37	0.17	25.37%	SWPPP	E	12/18/2006	9/26/2011	7/15/2012	12/31/2017	-
122	024G700	Plumas	089	14.6	15	5	Arlington Road Left Turn Lane	East Branch North Fork Feather River	N	-	-	0.98	0.54	-	SWPPP	E	6/4/2014	1/15/2016	7/1/2016	12/31/2017	-

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

No.	EA	Project Location					Project Description ^{1,2}	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 ³											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
123	024G710	Plumas	089	14.8	14.8	5	Arlington Park and Ride	East Branch North Fork Feather River	N	-	-	0.7	0.5	-	WPCP	C	7/17/2018	11/9/2019	6/24/2020	7/30/2023	-
124	024G740	Lassen	036	3.4	3.4	5	Westwood RR Crossing	Robbers Creek	N	-	-	-	-	-	TBD	E	9/28/2018	7/25/2019	2/14/2020	10/11/2022	-
125	024G760	Lassen	395	61	61	6	...	TBD	NA	-	-	-	-	-	TBD	TBD	7/30/2016	7/10/2017	4/1/2018	10/15/2019	-
126	024G770	Plumas	036	13.73	14.23	5	A-13 Intersection Improvement	(Lake Almanor)	N	-	-	1.6	1.2	47.06%	SWPPP	C	9/5/2016	-	8/17/2018	11/16/2020	-
127	024G780	Siskiyou	089	34.2	34.4	5	Mt Shasta Blvd Left Turn Lane	ND	N	-	-	-	-	-	TBD	C	11/1/2016	1/15/2018	8/14/2018	11/12/2020	-
128	024G820	Siskiyou	005	10.7	19.5	1, 5	South Weed 2R Roadway Rehab	Big Springs Creek, Boles Creek	N	-	-	-	-	-	TBD	E	6/18/2019	11/14/2023	4/29/2024	7/10/2028	-
129	024G830	Shasta	005	27.5	29.5	5	Pit River Bridge OH	(Lake Shasta)	NA	-	-	-	-	-	TBD	C	1/3/2017	-	9/10/2018	12/27/2018	-
130	024G840	Shasta	VAR	VAR	VAR	5	Central Redding Fiber Hub	TBD	N	-	-	-	-	-	TBD	E	7/31/2015	5/2/2016	12/13/2016	11/1/2019	-
131	024G850	Sierra	395	0	0.1	6	...	TBD	NA	-	-	-	-	-	TBD	TBD	8/19/2015	1/9/2017	8/18/2017	2/27/2019	-

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

Table 6-2: District 2 Anticipated Maintenance Projects

Significant Road Maintenance Projects															
No.	Co.	Route	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
0215000085	SIS	3	0.4/6.9	NC	AR CHIP SEAL, REPLACE AC SURFACING	Scott R.	-	FALSE	NA	-	-	WPCP	E	6/1/16	7/1/16
0215000076	MOD	299	52.3/56.2	CV	Replace 5 Culverts	Pit R.	-	FALSE	NA	-	-	WPCP	E	4/15/16	11/1/16
0215000065	SHA	5	37.5	CV	Grind and pave, install sand trap	Salt Cr./ Shasta Lake	-	FALSE	NA	-	-	WPCP	TST	4/15/16	11/1/16
0215000080	SHA	44	52.3/56.2	CV	Replace Culverts	Battle Cr.	-	FALSE	NA	-	-	WPCP	E	5/31/17	11/1/17
0215000124	LAS	36	10.4	CV	Grind and pave, install sand trap	Goodrich Cr.	-	FALSE	NA	-	-	WPCP	TST	2/15/16	11/1/16
0215000057	TEH	5 32	R16.99 20.47	CV	Replace PCC approach slabs AC Deck overlay	Elder Cr. Slate Cr.	-	FALSE	NA	-	-	WPCP	E	4/1/16	12/1/17

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

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 6-3 lists the District’s planned general program management practices, such as monitoring activities, public education and participation, municipal coordination, including any cooperative agreements that may be in effect with local agencies.

Table 6-3: District 2 General Management Practices

Monitoring Activities						
The District plans to:						
<ul style="list-style-type: none"> Continue conducting project-specific monitoring where permits require it. 						
Public Education and Participation						
The District plans to:						
<ul style="list-style-type: none"> Continue Safety Rest Area “Don’t Trash California” poster information campaign. 						
Municipal Coordination						
The District plans to:						
<ul style="list-style-type: none"> Notify the municipalities of any (IC/IDs) discovered within the District right-of- way and associated with a municipality's jurisdiction Make some District stormwater training courses available for participation by local agencies. 						
The District has several cooperative agreements in effect with local agencies, including:						
County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
None						

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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 the fiscal year to comply with Attachment V of the Caltrans NPDES Permit.

North Coast Region

Riparian Vegetation Removal

Removal of riparian vegetation may result in a threatened discharge or an exceedance of a water quality objective. The North Coast Region has many watersheds that are impaired for excess sediment and temperature. Riparian vegetation shall be protected and restored to the greatest extent feasible and removal may require permitting by the Regional Water Board. The District will consult with the North Coast Region Water Quality Control Board staff, prior to PA/ED, for projects located near receiving waters that are temperature impaired.

Vegetation Removal or Existing Ground Surface Disturbance Prohibition

The District has no proposed projects within these watersheds.

Project Review Requirements

The District has no proposed projects within these watersheds.

Inventory of Sources of Excess Sediment

The District is working with Headquarters on the inventory and estimates of potential discharge. In the next year the District will assist Headquarters to refine the locations and improve potential discharge estimates. After completion and prioritization the District will estimate time schedules.

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