

**California Department of Transportation
Stormwater Management Program
District 1 Work Plan**

Fiscal Year

2015-2016

CTSW-RT-14-316.11.1



California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
1656 Union Street, Eureka California 95501

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

October 14, 2014



For individuals with sensory disabilities, this document is available in alternate formats upon request. Please call or write to the Stormwater Liaison, Caltrans Division of Environmental Analysis, MS-27, P.O. Box 942874, Sacramento, CA 94274-0001, (916) 653-8896 Voice, or dial 711 to use a relay service.

**California Department of Transportation
District 1 Certification
District Work Plan 2015-16**

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)]



For Charles Fielder

District 1

10/15/14

Date

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWPs) 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 1'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 2015-16. 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).

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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

The District NPDES Stormwater Coordinators serve as liaisons with the Water Quality Program. Liaison activities include the following:

- Conducting meetings related to stormwater management issues with the coordinators from each functional unit and with other municipal separate storm sewer system (MS4) permittees to discuss problems and concerns
- Regular communications with representatives of the RWQCB.

The functional unit coordinators will assist the District Divisions in implementing the Division's stormwater management activities. The District NPDES Stormwater Coordinators also provide coordination with Caltrans' Headquarters functional programs and the Districts.

In addition, the NPDES Stormwater Coordinators have the following responsibilities:

- Serving as the point of contact for regulatory inquiries regarding implementation of the Statewide SWMP.
- Receiving and responding to public inquiries made to the Districts regarding stormwater management issues.
- Coordinating, tracking and reporting the District's response to illicit connections/illegal discharges (IC/IDs) and non-permitted non-stormwater discharges.
- Reporting instances of noncompliance to the RWQCBs unless otherwise indicated in the District Work Plan.

Maintenance Coordinator

The District Maintenance Stormwater Coordinators serve as point of contact for all Maintenance Stormwater Program inquiries. In coordination with the NPDES Coordinator, the Maintenance Stormwater Coordinator reports instances of stormwater discharges from highway facilities to the Regional Board.

Construction Coordinator

The District Construction Stormwater Coordinator serves as point of contact for all Construction Stormwater Program inquiries. In coordination with the NPDES Coordinator, the Construction Stormwater Coordinator reports instances of stormwater discharges from highway facilities to the Regional Board. The Construction Stormwater Coordinator is responsible for conducting inspections to assist the Registered Engineer (RE) in ensuring that stormwater controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative provides assistance with treatment design.

Public Affairs Coordinator

The Public Information Officer is the lead for Public Outreach activities within the District, and provides materials and support to the Adopt-A-Highway Coordinator used in public education.

Encroachment Permits Coordinator

The District Encroachment Permits Stormwater Coordinator serves as point of contact for all Encroachment Permits Stormwater Program inquiries. In coordination with the NPDES Coordinator, the Encroachment Permits Stormwater Coordinator reports instances of stormwater discharges from highway facilities to the Regional Board.

Landscape Architecture Coordinator

The Landscape Architecture Coordinator prepares erosion control plans and specifications for capital projects.

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

Table 2-1: District 1 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Cindy Anderson	Deputy District Director North Region Environmental Planning	(530) 741-4277	cindy_anderson@dot.ca.gov	Oversees all North Region Environmental employees
Sandra Rosas	Chief, North Region Office of Environmental Services – North	(707) 441-5730	sandra_rosas@dot.ca.gov	Oversees all North Region – North Environmental employees
David Melendrez	Chief, North Region Office of Environmental Engineering – North	(707) 445-5201	david_melendrez@dot.ca.gov	Oversees all Office of Environmental Engineering - North within Districts 1 and 2
Alex Arévalo	North Region District 1 NPDES Coordinator	(707) 441-4674	alex_arevalo@dot.ca.gov	Primary contact for all District 1 NPDES stormwater issues
Wes Faubel	North Region Design Stormwater Coordinator	(530) 225-3412	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP
Sheila Enright	North Region Assistant Design Stormwater Coordinator	(707) 445-5277	sheila_sadkowski@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP
Walt Dragoloski	North Region Construction Stormwater Coordinator – West Area	(707) 445-6697	walt_dragoloski@dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs
Scott Lee	District Hydraulics Engineer	(707) 445-6556	scott_lee@dot.ca.gov	Supervises Maintenance Stormwater Coordinator, Major Damage Coordinator and Maintenance Hydraulics
Brett Johnson	District 1 Maintenance Stormwater Coordinator–Roadside/ Facilities	(707) 441-2014	brett_l_johnson@dot.ca.gov	Provides guidance on Maintenance BMP selection and implementation, monitors for compliance w/ SWMP

Table 2-1: District 1 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Logan Moore	NR Landscape Architecture Associate	(707) 441-3974	logan.moore@dot.ca.gov	Provides erosion control designs and specifications for capital projects
Laura Lazzarotto	NR Landscape Architecture Coordinator	(707) 445-7878	laura_lazzarotto@dot.ca.gov	Provides erosion control designs and specifications for capital projects
Glen Hurlburt	NR Hydraulics Representative	(707) 441-2037	glenn_hurlburt@dot.ca.gov	Provides assistance with treatment design and fish passage
Betsy Totten	District 1 Public Information Officer	(707) 445-6444	betsy.totten@dot.ca.gov	Coordinates public outreach education activities
James Van Bonn	District 1 Encroachment Permits Engineer	(707) 445-6358	james_von_bonn@dot.ca.gov	Provides guidance to District 1 Encroachment Permits staff and permittees on stormwater issues
Chris Clifford	District 1 Encroachment Permits Stormwater Coordinator	(707) 441-5741	chris_clifford@dot.ca.gov	Provides guidance to District 1 Encroachment Permits staff and permittees on stormwater issues

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 1 Signatory Authority for Key Documents

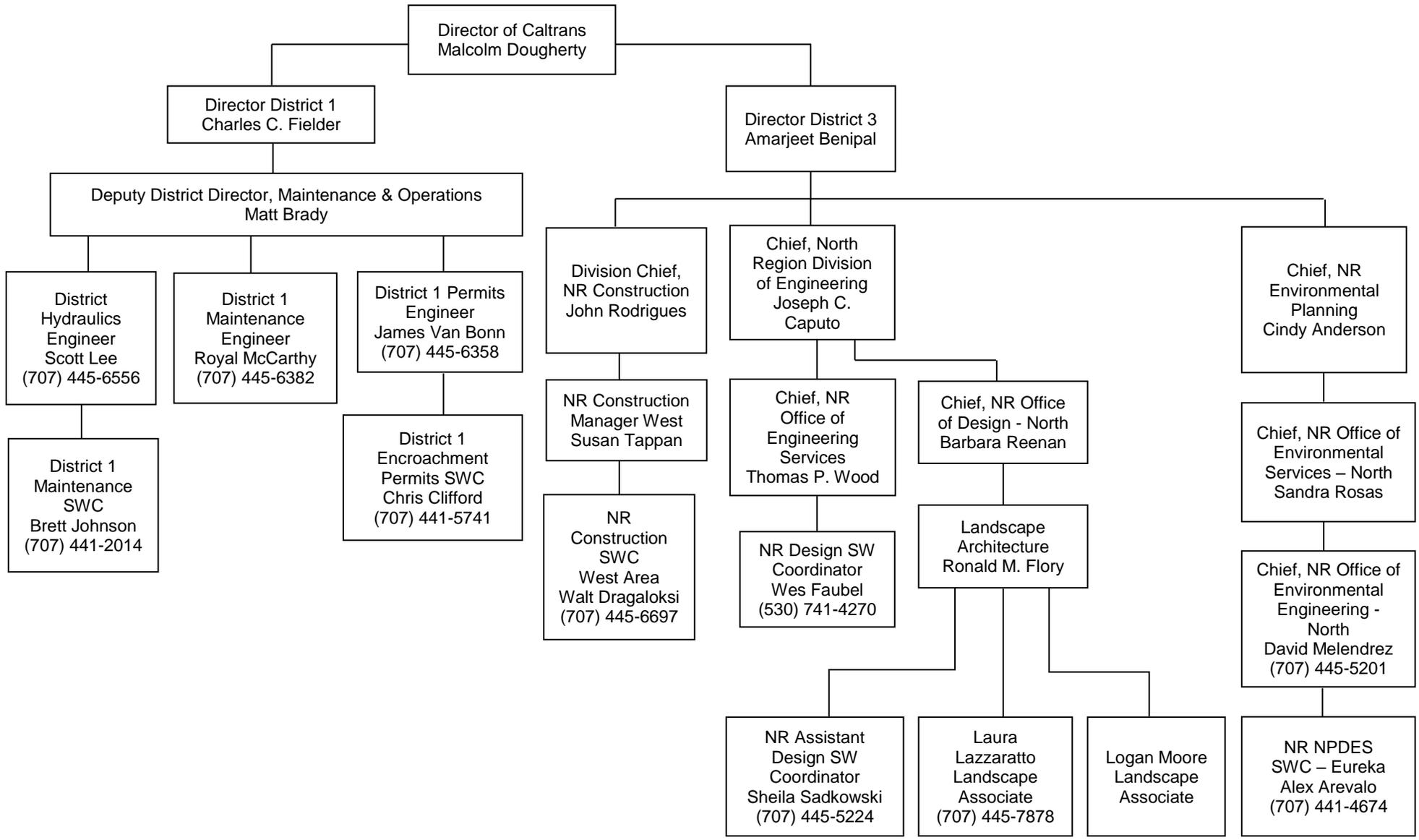
Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Charles C Fielder, District Director	(707) 445-6445	charlie_fielder@dot.ca.gov	All District Documents
Susan Tappan, NR Construction Manager, West	(707) 441-3990	susan_tappan@dot.ca.gov	All District Documents
David Melendrez, Chief, North Region Office of Environmental Engineering	(707) 445-5201	david_melendrez@dot.ca.gov	All District Documents except District Work Plan
Alex Arévalo, North Region NPDES Coordinator	(707) 441-4674	alex_arevalo@dot.ca.gov	All District Documents except District Work Plan
Walt Dragaloski, Construction Stormwater Coordinator	(707) 445-6697	walt_dragaloski@dot.ca.gov	SWPPP, Notice of Intent (NOI), Notice of Termination (NOT), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Incident Report Form
Brett Johnson, Maintenance Stormwater Coordinator	(707) 441-2014	brett_l_johnson@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
Construction Engineer/ Resident Engineers	-	-	SWPPPs, NOI/NOT, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form

Table 2-2: District 1 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
James Van Bonn, Permit Stormwater Coordinator	(707) 445-6358	james_van_bonn@dot.ca.gov	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form
Chris Clifford, Encroachment Permits Stormwater Coordinator	(707) 441-5741	chris_clifford@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
Facility Supervisor	-	-	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 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 1 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 project design features may include, but are not limited to, median barriers, guardrails, 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 1 is presented in Table 4-1.

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

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
101/42.9	MEN	1	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Company	2 miles to facility
101/42.8	MEN	1	Morris Reservoir	Water for City of Willits	0.8 miles to facility

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5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 1 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 1’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 1 Inventory of Road Segments Prone to Erosion

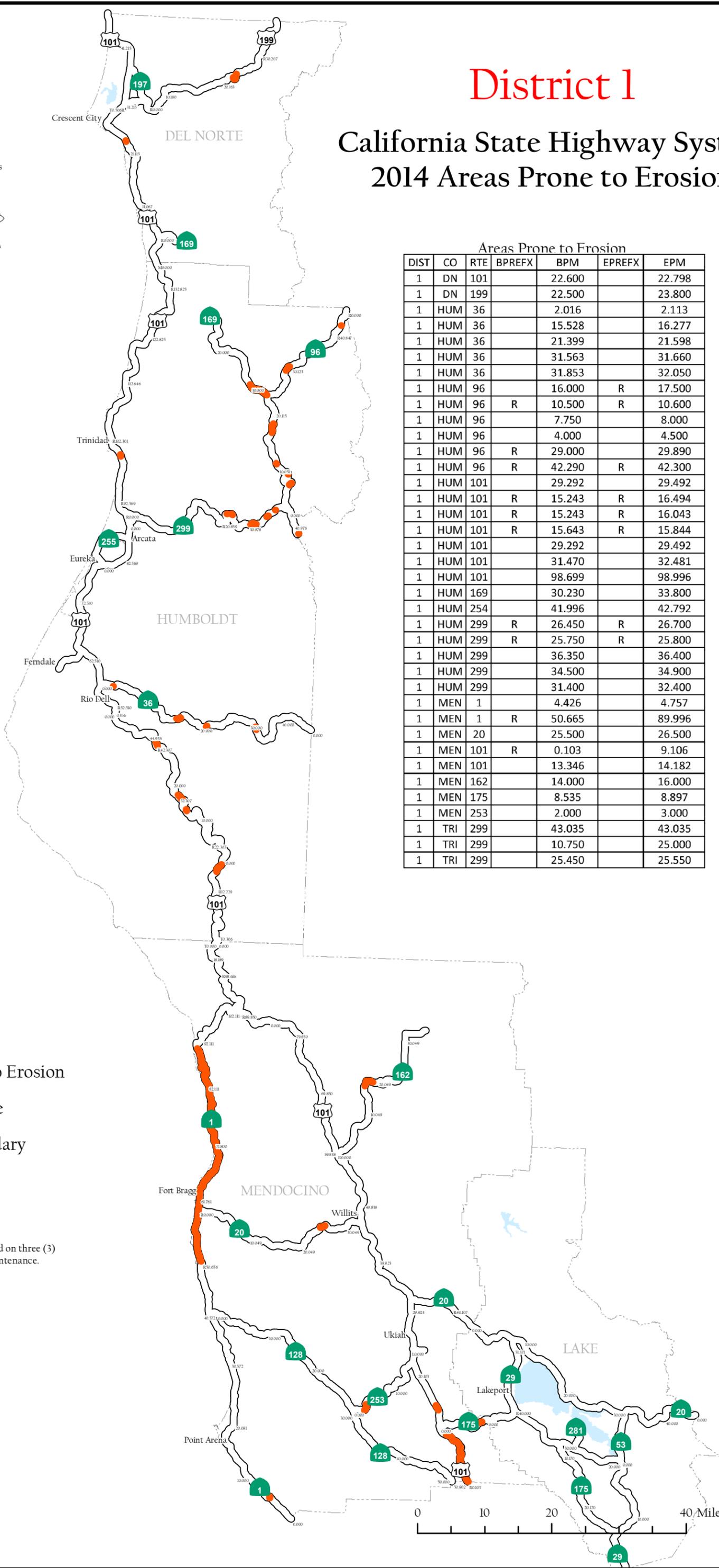
Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
101	DN	1	Smith River	Unknown
199	DN	1	Smith River	Unknown
36	HUM	1	Van Duzen River	Unknown
96	HUM	1	Trinity River	Unknown
96	HUM	1	Klamath River	Unknown
101	HUM	1	Eel River	Unknown
101	HUM	1	Trinidad HU	Unknown
169	HUM	1	Klamath River	Unknown
254	HUM	1	Eel River	Unknown
299	HUM	1	Redwood Creek	Unknown
299	HUM	1	Trinity River	Unknown
1	MEN	1	Mendocino Coast	Unknown
20	MEN	1	Big River	Unknown
20	MEN	1	Noyo River	Unknown
101	MEN	1	Russian River	Unknown
162	MEN	1	Eel River	Unknown
175	MEN	1	Russian River	Unknown
253	MEN	1	Navarro River	Unknown
299	TRI	1	Trinity River	Unknown

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

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District 1

California State Highway System 2014 Areas Prone to Erosion



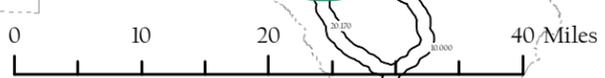
Areas Prone to Erosion

DIST	CO	RTE	BPREFX	BPM	EPREFX	EPM
1	DN	101		22.600		22.798
1	DN	199		22.500		23.800
1	HUM	36		2.016		2.113
1	HUM	36		15.528		16.277
1	HUM	36		21.399		21.598
1	HUM	36		31.563		31.660
1	HUM	36		31.853		32.050
1	HUM	96		16.000	R	17.500
1	HUM	96	R	10.500	R	10.600
1	HUM	96		7.750		8.000
1	HUM	96		4.000		4.500
1	HUM	96	R	29.000		29.890
1	HUM	96	R	42.290	R	42.300
1	HUM	101		29.292		29.492
1	HUM	101	R	15.243	R	16.494
1	HUM	101	R	15.243	R	16.043
1	HUM	101	R	15.643	R	15.844
1	HUM	101		29.292		29.492
1	HUM	101		31.470		32.481
1	HUM	101		98.699		98.996
1	HUM	169		30.230		33.800
1	HUM	254		41.996		42.792
1	HUM	299	R	26.450	R	26.700
1	HUM	299	R	25.750	R	25.800
1	HUM	299		36.350		36.400
1	HUM	299		34.500		34.900
1	HUM	299		31.400		32.400
1	MEN	1		4.426		4.757
1	MEN	1	R	50.665		89.996
1	MEN	20		25.500		26.500
1	MEN	101	R	0.103		9.106
1	MEN	101		13.346		14.182
1	MEN	162		14.000		16.000
1	MEN	175		8.535		8.897
1	MEN	253		2.000		3.000
1	TRI	299		43.035		43.035
1	TRI	299		10.750		25.000
1	TRI	299		25.450		25.550

Legend

- Areas Prone to Erosion
- Water Feature
- County Boundary

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.



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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

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 1 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											PID Date	PA&ED Date	PS&E Date	Start Date	End Date	
1	0B080	DN	101	4.40	9.40	1, Yurok	AC Overlay	(Klamath River)	N	TBD	-	TBD	-	-	WPCP	-	06/03/11	10/28/13	05/05/14	12/01/14	01/15/17	
2	0B230	DN	101	-	-	1	Clean and Paint Bridges	Wilson Creek, Smith River, Rowdy Creek	N	GWDR	-	<1 acre	0	0	WPCP	-	-	07/01/13	12/20/13	03/28/14	10/01/16	
3	0C241	DN	101	15.00	15.00	1	Construct Soldier Pile Tie Back Wall and Reconstruct Roadway	Pacific Ocean	TBD	TBD	TBD	TBD	TBD	-	-	-	-	08/01/14	01/11/16	08/24/16	12/01/17	
4	0B270	DN	101	15.10	15.30	1	Repair Roadway Failures	Pacific Ocean	N	N	-	0.25	-	-	-	-	-	06/01/14	08/03/15	03/14/16	12/01/16	
5	0B280	DN	101	17.50	17.50	1	Reconstruct Roadway	Pacific Ocean	Y	TBD	TBD	0.4	TBD	TBD	TBD	TBD	-	01/01/15	01/01/16	08/24/16	10/01/18	
6	0B290	DN	101	21.70	22.90	1	Repair Slipouts	Cushing Creek, Pacific Ocean	Y	TBD	-	TBD	TBD	TBD	TBD	TBD	-	12/15/14	11/02/15	07/02/16	07/16/16	
7	0B300	DN	101	22.00	22.00	1	Stabilize Roadway	Cushing Creek	TBD	TBD	TBD	0.25	TBD	TBD	TBD	TBD	-	06/15/14	03/01/15	08/26/15	12/01/16	
8	0C660	DN	101	24.40	27.80	1	Crescent City Gateway	Smith River Plain HSA	TBD	TBD	-	-	-	-	TBD	-	12/31/14	04/12/18	06/08/21	01/02/20	03/14/24	
9	43640	DN	101	35.80	36.50	1	Replace Bridge	Smith River	Y	TBD	-	7.4	1.2	-	SWPPP	-	10/26/05	07/01/15	01/01/16	05/01/17	12/01/21	
10	0B720	DN	101	39.30	43.90	1	US 101 Multimodal Traffic Calming (Local Project)	Smith River HU, Winchuck River HU, Pacific Ocean	TBD	TBD	-	0.78	0.46	-	-	-	-	-	02/27/13	11/18/13	06/01/14	07/15/15
11	45490	DN	197	3.20	4.00	1	Widening	Smith River	Y	-	-	TBD	0.14	TBD	TBD	TBD	-	04/11/13	09/01/14	05/01/15	12/01/16	
12	48110	DN	197	4.50	4.50	1	Widening	Smith River	N	N	-	0.3	0.07	TBD	WPCP	N	-	04/11/13	02/14/14	07/01/14	12/01/15	
13	0B260	DN	199	8.0	8.5	1	Shoulder Widening	Smith River	Y	N	FALSE	0.5	0.09	-	WPCP	-	08/13/12	05/15/15	12/01/15	11/01/16	12/01/18	
14	0B310	DN	199	8.70	8.70	1	Construct Buttress	Smith River	Y	-	-	-	-	-	-	-	-	07/15/14	08/01/14	04/01/15	10/01/16	
15	47940	DN	199	20.50	25.70	1	Bridge Replacement, Shoulder Widening	Middle Fork Smith River	Y	N	TRUE	1.64	0.5	14%	SWPPP	BS, 1 TST, 2	05/08/07	04/11/13	04/15/13	01/03/14	12/01/17	
16	4500U	DN	199	22.70	26.50	1	Widening	Smith River	Y	-	-	TBD	TBD	TBD	TBD	TBD	-	04/11/13	06/01/14	12/15/15	11/01/18	
17	0B320	DN	199	24.60	24.60	1	Construct Soldier Pile Wall	Smith River	Y	-	-	-	-	-	TBD	TBD	-	0/15/14	08/01/14	04/01/15	10/01/16	
18	0E140	DN	199	33.10	36.20	1	Restore Collier Tunnel Communication	Smith River	Y	N	-	TBD	TBD	TBD	WPCP	-	-	02/03/14	03/17/14	08/01/14	08/01/15	
19	0A100	DN	VAR	-	-	1	Bridge Seismic Retrofit	Rowdy Creek, Smith River	TBD	Waiver	-	TBD	TBD	TBD	TBD	-	12/07/11	04/01/15	09/01/15	08/01/16	11/30/18	
20	0E010	Hum	36	0.10	1.60	1	Shoulder Widening	(Eel River), (Van Duzen River)	TBD	TBD	-	-	-	-	TBD	-	05/01/14	06/01/18	06/01/19	05/06/20	08/02/21	
21	0C500	Hum	36	11.40	34.50	1	Bridge Rail Upgrade	(Van Duzen River)	TBD	TBD	-	-	-	-	-	-	06/30/15	01/25/19	07/05/24	12/20/24	03/02/29	
22	0C150	Hum	36	21.50	21.50	1	Slope Repair, Drainage Improvements (335)	(Van Duzen River)	TBD	TBD	-	-	-	-	TBD	-	06/30/14	02/01/18	07/13/22	12/28/22	03/10/27	

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 1 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 Control Type, Quantity ⁹	Anticipated Project Delivery Schedule			Construction Period	
		Co.	Route	Begin PM	End PM	RB ¹											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
23	0B340	Hum	36	22.80	22.70	1	Reconstruct Roadway and Drainage	(Van Duzen River)	Y	-	-	0.79	0	-	WPCP	-	-	06/27/14	02/02/15	08/26/15	12/01/16
24	0B350	Hum	36	30.20	30.20	1	Stabilize Roadway	(Van Duzen River)	N	-	-	-	-	-	-	-	-	08/22/13	08/18/14	05/06/15	12/15/15
25	0B360	Hum	36	33.50	40.50	1	Reconstruct Roadway and Drainage	(Van Duzen River)	Y	-	-	-	-	-	-	-	-	07/31/14	02/18/15	08/26/15	10/02/16
26	43730	Hum	36	36.1	40.5	1	Bridge Realignment and Widening (Local Project)	(Van Duzen River)	Y	N	-	TBD	15.2	-	SWPPP	-	11/27/12	09/01/14	10/01/15	06/01/16	06/01/18
27	0B370	Hum	36	44.40	44.40	1	Slide Repair	(Van Duzen River)	N	TBD	-	0.15	-	-	-	-	-	04/01/14	09/01/14	03/10/15	11/15/15
28	0A120	Hum	96	0.20	37.20	1, Yurok	Bridge Seismic Retrofit	Eureka Slough, (Camp Creek), (Willow Creek), (Klamath River),	TBD	TBD	-	-	-	-	TBD	-	06/30/15	02/01/18	06/01/19	01/01/20	01/01/20
29	0B380	Hum	96	4.10	4.10	1	Slide Repair	(Trinity River)	N	TBD	-	-	-	-	-	-	-	03/26/14	09/01/14	03/10/15	11/16/15
30	0A990	Hum	96	6.20	6.47	1	Sugar Bowl Ranch Curve improvement	(Trinity River)	Y	N	FALSE	-	-	-	TBD	-	08/09/12	12/01/14	08/01/15	06/01/16	07/01/18
31	0B030	Hum	96	8.3	8.8	Hoop	Hoop Vista Point Curve Correction	Trinity River	Y	N	FALSE	-	-	-	TBD	-	04/03/12	05/01/14	12/01/14	08/15/15	12/01/16
32	0B390	Hum	96	8.50	8.70	Hoop	Stabilize Roadway	Trinity River	Y	-	-	3.3	0.5	-	SWPPP	C	-	07/23/13	12/01/14	08/26/15	11/01/17
33	49370	Hum	96	11.05	13.2	Hoop	Shoulder Widening/Light Guard Crosswalk	Trinity River	N	N	FALSE	1.7	0.9	-	SWPPP	-	11/10/11	06/01/14	12/01/14	07/08/15	07/01/16
34	0B240	Hum	101	-	-	1	Rehabilitate Bridge Deck	(East Fork Willow Creek), (SF Van Duzen River), (Boyes Creek)	N	GWDR	-	-	-	-	WPCP	-	-	07/01/14	09/27/14	12/27/14	10/01/17
35	46480	Hum	101	1.10	2.20	1	Richardson Grove Operational Improvement Project	(Eel River)	Y	N	FALSE	0.73	0.29	-	WPCP	-	06/16/09	05/18/10	02/01/14	06/01/15	11/01/16
36	0B400	Hum	101	15.00	15.00	1	Reconstruct Roadway and Drainage	(Eel River)	Y	TBD	-	-	-	-	-	-	-	03/20/14	12/30/14	06/24/15	10/01/16
37	0B410	Hum	101	40.90	40.90	1	Reconstruct Roadway and Drainage	(Eel River)	N	TBD	-	-	-	-	-	-	-	11/01/13	09/17/14	05/06/15	12/01/15
38	0E230	Hum	101	48.60	49.00	1	Bridge Preservation	(Eel River)	TBD	TBD	FALSE	-	-	-	TBD	-	03/04/14	06/02/14	10/01/14	01/16/15	10/01/16
39	0B190	Hum	101	54.40	56.80	1	Install Median Barrier	(Van Duzen River), (Eel River)	N	N	FALSE	3.4	0.85	-	SWPPP	E	11/29/11	10/09/12	03/18/13	08/28/13	07/01/15
40	49650	Hum	101	60.32	60.32	1	Excavate Hazardous Waste	(Eel River)	N	-	-	-	-	-	WPCP	-	07/09/10	10/22/12	09/30/13	04/15/14	07/01/15
41	0E040	Hum	101	78.00	79.80	1	Rehabilitate Pavement	(Humboldt Bay)	TBD	TBD	-	-	-	-	TBD	-	06/30/15	01/10/18	06/21/23	12/06/23	02/16/28
42	36600	Hum	101	79.80	85.80	1	Upgrade 4-Lane Facility	(Humboldt Bay), (Jacoby Creek), (Freshwater Creek)	Y	TBD	TRUE	52	9	-	SWPPP	-	9/14/00	01/15/15	10/15/16	07/12/17	08/01/19

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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											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
43	0C970	Hum	101	79.90	86.30	1	Eureka/Arcata Corridor MBGR	(Humboldt Bay), (Freshwater Creek), (Jacoby Creek)	N	N	FALSE	-	-	-	TBD	-	06/26/13	01/15/15	10/01/16	04/05/17	09/01/17
44	0E420	Hum	101	83.40	83.40	1	Bracut Back Flow Valve	(Humboldt Bay)	TBD	TBD	-	-	-	-	-	-	-	04/05/17	09/14/22	02/27/23	01/06/27
45	0E100	Hum	101	87.70	88.00	1, Hoopa	Clean and Paint Bridges-Arcata Overhead and Trinity River	(Humboldt Bay), Trinity River	N	GWDR	-	-	-	-	TBD	-	06/01/14	09/01/15	05/01/16	12/01/16	12/01/17
46	45970	Hum	101	98.10	100.70	1	Seismic Retrofit	Trinidad HU	N	N	-	0.25	-	-	-	-	07/16/09	07/16/09	12/12/12	09/17/13	10/01/15
47	48040	Hum	101	98.40	100.70	1	Trinidad Rancheria Interchange	Trinidad HU	TBD	TBD	-	-	-	-	TBD	-	07/01/15	07/01/17	11/01/18	02/15/20	08/01/21
48	41500	Hum	101	109.70	125.73	1	Rehabilitate Pavement	Big Lagoon HA, (Redwood Creek, Orick HA)	TBD	TBD	-	-	-	-	TBD	-	05/01/14	04/01/17	08/01/17	06/01/18	06/01/19
49	0B420	Hum	101	110.60	110.60	1	Construct Buttress and Dewater	Big Lagoon	Y	TBD	-	-	-	-	-	-	-	12/01/14	11/01/15	05/04/16	12/01/16
50	0B430	Hum	101	111.40	111.60	1	Big Lagoon Slipout Repair	Big Lagoon	Y	TBD	-	1.1	-	-	SWPPP	-	-	11/01/14	11/01/15	06/22/16	12/01/17
51	0B440	Hum	169	26.40	29.90	Yurok	Repair Slipouts	Klamath River	TBD	-	-	-	-	-	-	-	-	12/01/14	02/02/16	08/24/16	12/01/17
52	43050	Hum	169	33.50	33.80	Yurok	Curve Improvement and Widen	Klamath River	N	N	-	1.0	-	-	SWPPP	-	04/13/01	09/01/15	03/01/16	07/01/16	03/01/18
53	43060	Hum	254	0.80	43.10	1	Replace Bridge Rails and Widen (Four Bridges)	(Ohman Creek), (Elk Creek), (Bridge Creek), (Bear Creek)	TBD	GWDR	FALSE	-	-	-	TBD	-	12/28/06	08/01/14	02/01/15	03/25/15	04/01/16
54	47531	Hum	254	4.40	11.20	1	Required Environmental Mitigation- Culvert Repair	(South Fork Eel River)	Y	-	-	-	-	-	-	-	-	05/01/15	04/01/16	09/27/16	11/01/17
55	40950	Hum	254	6.80	42.10	1	Rehabilitate Culverts	(Eel River), (South Fork Eel River)	Y	-	-	0.1	-	-	WPCP	-	04/01/14	02/01/16	05/01/17	01/01/18	01/01/19
56	29611	Hum	255	7.70	-	1	Wetland Mitigation	(Humboldt Bay)	TBD	-	-	-	-	-	-	-	-	06/20/08	12/01/15	08/15/16	09/01/17
57	0C460	Hum	299	5.50	11.00	1	Pavement Rehabilitation	(Mad River)	N	N	-	-	-	-	WPCP	-	05/10/13	01/13/14	04/01/14	10/01/14	01/01/16
58	49830	Hum	299	5.7	38.6	1	Rumble Strip and Shoulder Widening	(Mad River), (Willow Creek)	NA	TBD	-	-	-	-	TBD	-	09/09/11	02/01/15	12/01/15	05/05/16	05/18/17
59	0B450	Hum	299	10.70	26.10	1	Repair Slides and Slipouts	(NF Mad River), (Redwood Creek)	Y	TBD	-	-	-	-	-	-	-	04/01/14	06/10/15	01/14/16	11/01/16
60	0A360	Hum	299	19.35	19.85	1	Acorn Curve Improvement	(Redwood Creek)	Y	N	TRUE	1.9	0.73	-	SWPPP	TST, 1	07/26/11	10/25/13	02/07/14	08/06/2014	12/01/15
61	42370	Hum	299	20.20	20.50	1	Reconstruct Roadway	(Redwood Creek)	Y	N	-	4.2	0.36	-	SWPPP	-	09/30/09	09/28/11	02/03/12	01/10/13	07/01/15

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		Co.	Route	Begin PM	End PM	RB ¹											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
62	0E030	Hum	299	21.00	28.60	1	Slope Repair and Drainage (335)	(Redwood Creek)	TBD	TBD	-	-	-	-	-	06/30/14	02/01/18	05/01/19	04/01/20	01/02/22	
63	0A520	Hum	299	21.10	21.40	1	Curve Improvement	(Redwood Creek)	Y	N	TRUE	1.1	0.3	-	SWPPP	C	05/09/12	03/21/14	10/01/14	06/15/15	09/01/16
64	0A370	Hum	299	23.60	23.90	1	Sabertooth Shoulder Widening Curve Improvement	(Redwood Creek)	Y	N	-	-	1.6	-	SWPPP	-	06/30/11	02/01/15	09/01/15	04/15/16	02/01/17
65	0A490	Hum	299	25.00	25.70	1	Circle Point Curve Improvement	(Redwood Creek) – 303(d)	TBD	N	-	>1 acre	-	-	SWPPP	BS, 2	09/01/11	07/15/14	11/01/14	08/05/15	05/01/17
66	48740	Hum	299	29.20	38.60	1	Pavement Rehabilitation	(Willow Creek)	N	N	-	-	-	-	TBD	-	05/07/14	01/01/15	04/01/15	10/01/15	10/01/16
67	0A320	Hum	299	30.25	30.65	1	Cedar Gap Curve Improvement	(Redwood Creek)	TBD	N	-	1.8	TBD	-	SWPPP	TST, 1	07/26/11	09/01/14	02/01/15	04/15/15	03/01/16
68	0B460	Hum	299	32.00	32.00	1	Stabilize Roadway	(Willow Creek)	N	N	-	-	-	-	TBD	-	-	01/13/14	07/29/14	03/18/15	12/01/15
69	46392	Hum	Various	-	-	1	Reconstruct Guard Railing	(Van Duzen River), (Trinity River), (Klamath River), (Eel River), (Humboldt Bay)	N	N	-	-	-	-	-	-	09/12/07	06/01/14	12/01/14	07/08/15	07/01/16
70	0A690	Hum	20	1.15	3.50	5	Install MBGR	Blue Lakes	N	-	-	-	-	-	TBD	-	08/30/11	08/22/13	01/05/15	06/01/15	11/01/16
71	0C160	Lake	20	2.35	40.35	5	Slope Repair, Drainage Improvements (335)	(Clear Lake), (Cache Creek)	TBD	TBD	-	-	-	-	TBD	-	01/15/15	04/13/17	12/05/18	02/27/19	05/09/20
72	48860	Lake	20	8.10	8.55	5	Construct Roundabout	(Clear Lake)	Y	-	-	2.0	0.19	-	SWPPP	-	06/23/10	04/08/12	06/05/14	10/15/14	07/01/15
73	0B120	Lake	20	13.50	30.50	5	Upgrade Curb Ramps and Sidewalk	(Clear Lake)	TBD	-	-	0.17	0	-	WPCP	-	03/30/12	01/15/15	01/15/16	05/04/16	11/01/17
74	0B000	Lake	20	13.57	31.40	5	Pavement Rehabilitation	(Clear Lake)	N	-	-	-	-	-	-	-	-	06/19/13	03/27/14	10/01/14	12/01/15
75	0A510	Lake	20	28.20	28.85	5	Construct Sidewalks, Bulb-outs and Crosswalks (Local Project)	(Clear Lake)	-	-	-	-	-	-	-	-	-	08/01/14	-	03/01/15	09/01/16
76	0C810	Lake	20	31.2	32.0	5	Improve Intersection	(Cache Creek)	TBD	TBD	-	-	-	-	TBD	-	06/02/14	10/01/15	03/31/17	11/07/17	02/15/19
77	38560	Lake	29	0.10	6.40	5	Scour Mitigation	St. Helena Creek	Y	TBD	-	0.5	-	-	WPCP	-	12/20/11	07/15/14	12/15/14	06/15/15	01/15/16
78	2981U	Lake	29	23.80	31.60	5	Upgrade to 4 Lane Expressway	(Cache Creek), (Clear Lake)	Y	-	-	326	92	-	SWPPP	-	-	03/01/15	12/15/16	08/15/17	09/01/18
79	29811	Lake	29	28.50	31.60	5	Improve Curve and Upgrade Shoulders	(Cache Creek), (Clear Lake)	TBD	TBD	FALSE	-	-	-	TBD	-	01/17/14	03/01/15	02/01/17	08/18/18	12/01/20
80	0C350	Lake	29	34.40	40.00	5	Pavement Rehabilitation	(Clear Lake)	N	N	-	-	-	-	WPCP	-	02/01/13	04/01/14	04/01/14	10/01/14	12/01/15

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		Co.	Route	Begin PM	End PM	RB ¹											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
81	0E080	Lake	29	38.90	50.80	5	Bridge Rail Replacement	Morrison Creek, Robinson Creek, Kelsey Creek, Manning Creek	TBD	TBD	-	-	-	TBD	-	06/29/15	04/13/17	09/22/18	09/27/19	05/09/20	
82	42780	Lake	VAR	-	-	5	Culvert Rehabilitation – Lake 20/29/53	TBD	Y	TBD	TBD	TBD	-	TBD	TBD	09/14/11	02/01/16	10/01/17	05/23/18	11/15/19	
83	0A040	Lake	175	24.00	27.50	5	Shoulder Widening	Upper Putah Creek, Dry Creek	Y	N	FALSE	12	4	31%	SWPPP	BS, TBD	11/30/11	12/01/14	08/15/15	10/15/16	02/01/18
84	49771	Men	1	2.40	2.50	1	Permanent Restoration	Pacific Ocean	Y	-	-	-	-	-	-	-	12/19/13	02/01/15	09/01/15	02/01/16	
85	0C720	Men	1	0.60	1.00	1	Gualala Downtown Enhancements	Gualala River	TBD	TBD	-	-	-	TBD	-	08/01/14	11/01/16	12/01/17	07/01/18	11/01/18	
86	0C490	Men	1	17.60	18.80	1	Repair Bridge	(Garcia River Overflow)	TBD	TBD	-	-	-	-	-	-	06/30/14	01/16/15	04/10/15	10/01/16	
87	0E110	Men	1	31.30	59.80	1	Bridge Rail Rehabilitation	Elk Creek, Hare Creek	TBD	TBD	-	-	-	TBD	-	06/30/15	02/01/18	04/26/22	06/07/22	08/18/26	
88	0B470	Men	1	35.70	35.70	1	Repair Slipout	Pacific Ocean	N	-	-	< 1 acre	-	WPCP	-	-	03/26/14	02/15/15	08/01/15	10/15/16	
89	0C610	Men	1	40.00	40.40	1	Clean and Paint Bridge	(Navarro River)	N	GWDR	-	-	-	WPCP	-	-	07/01/14	12/20/14	03/28/15	10/01/17	
90	48470	Men	1	40.10	40.90	1	Install Metal Beam Guard Railing	(Navarro River)	N	N	FALSE	0.35	0.33	WPCP	-	05/18/09	05/18/09	06/15/12	04/30/14	10/01/15	
91	40140	Men	1	42.40	43.30	1	Bridge Replacement	Salmon Creek	Y	TBD	-	-	-	TBD	-	08/26/09	10/01/15	06/01/17	04/01/18	10/01/20	
92	0E200	Men	1	43.60	70.00	1	Rehabilitate Bridges	(Albion River), Russian Gulch, (Ten Mile River)	TBD	TBD	-	-	-	-	-	-	09/06/16	10/23/17	04/10/15	10/01/16	
93	40110	Men	1	43.30	44.20	1	Replace Bridge	(Albion River)	Y	TBD	-	6.6	2	SWPPP	C	08/26/09	02/01/16	08/01/17	07/01/18	10/01/20	
94	43480	Men	1	48.05	62.12	1	Bridge Rail Upgrade and Widening	Jack Peters Creek, Russian Gulch, (Pudding Creek), Little River	TBD	TBD	-	3.6	0.63	SWPPP	-	06/30/11	08/01/15	07/01/16	06/01/17	11/01/18	
95	0C850	Men	1	61.30	61.60	1	Fort Bragg Merge – Improve Sidewalks, Intersections and Lighting (Local Project)	(Noyo River)	N	N	-	-	-	TBD	-	-	09/01/14	-	03/01/15	09/01/16	
96	0C670	Men	1	62.20	70.40	1	STIP Shoulder Widening Feasibility Study	Mendocino Coast HU; (Noyo River HA), Rockport HA	TBD	TBD	-	-	-	TBD	-	06/01/14	10/01/16	04/01/18	12/01/18	10/15/20	
97	47490	Men	1	70.30	70.70	1	Repair Storm Damage	Pacific Ocean	Y	-	-	2.9	0.49	SWPPP	BS	-	08/15/11	01/30/14	08/01/14	10/15/16	
98	0B480	Men	1	75.70	76.20	1	Repair Slide	Pacific Ocean	TBD	TBD	-	-	-	TBD	-	-	09/01/16	09/15/17	03/02/18	11/01/19	
99	0C120	Men	1	81.10	81.10	1	Repair Slipout	Pacific Ocean	N	N	-	-	-0.1	-	-	-	10/01/14	03/01/15	12/01/15	04/01/16	
100	0B490	Men	1	91.80	99.05	1	Repair Slipouts	Cottoneva Creek	Y	-	-	-	-	-	-	-	02/01/15	06/01/15	07/01/16	11/15/16	

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		Co.	Route	Begin PM	End PM	RB ¹											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
101	36432	Men	20	13.80	32.00	1	Rehabilitate Drainage	Mendocino Coast HU: (Garcia River HA), (Pt. Arena HA), (Navarro River HA), (Albion River HA), (Noyo River HA), (Big River HA); (Eel River HU: Outlet Creek HSA)	Y	-	-	< 1 acre	0	-	WPCP	-	-	07/14/10	11/01/11	09/10/13	12/15/15
102	0E090	Men	20	33.60	33.60	1	Replace Bridge Deck	(Russian River)	TBD	TBD	-	-	-	-	-	-	06/30/15	01/15/18	06/27/23	11/01/23	01/13/28
103	0E470	Men	20	37.84	38.34	1	TBD	(Russian River)	TBD	TBD	-	-	-	-	TBD	-	06/30/15	10/31/17	12/17/19	07/09/20	01/03/22
104	0C760	Men	101	0.70	3.00	1	Install Median Barrier	(Russian River)	TBD	TBD	-	0.63	0.0	-	WPCP	-	06/30/14	09/01/14	09/04/25	02/20/26	10/06/27
105	0B500	Men	101	3.70	5.30	1	Repair Slides	(Russian River)	TBD	-	-	-	-	-	-	-	-	02/01/15	11/01/15	06/01/16	12/01/19
106	36291	Men	101	9.60	20.90	1	Rubberized HMA Overlay	(Russian River)	N	N	-	-	-	-	WPCP	-	12/15/12	01/31/14	04/01/14	10/01/14	12/01/15
107	29302	Men	101	20.90	42.10	1	Replace Bridge and Rail Upgrade	(Robinson Creek), (Haehl Creek)	Y	N	FALSE	1.1	-	-	SWPPP	-	06/26/07	01/15/15	07/01/15	08/01/16	02/01/18
108	0A760	Men	101	223.50	-	1	Talmage Road Interchange (Local Project)	(Russian River)	TBD	TBD	-	1.8	-	-	SWPPP	-	-	08/01/14	-	10/15/14	01/15/16
109	0A560	Men	101	40.51	41.14	1	Peer Review @ Harris Quarry (Local Project)	(Russian River), (Outlet Creek)	TBD	TBD	-	-	-	-	TBD	-	-	-	08/22/13	06/26/17	09/06/21
110	26200	Men	101	43.10	49.00	1	Willits Bypass-Construct 2 Lane Highway	(Baechtel Creek), (Broaddus Creek), (Haehl Creek), (Mill Creek), and (Outlet Creek)	Y	-	-	220	40.5	-	SWPPP	BS, 79D, 6TST, 38	09/14/89	12/18/06	09/26/11	07/15/12	12/31/16
111	26202	Men	101	-	-	1	Willits Bypass Wetland / Riparian Mitigation	(Baechtel Creek), (Haehl Creek), (Mill Creek), (Outlet Creek), (Davis Creek) and (Berry Creek)	Y	-	-	-	-	-	SWPPP	-	-	10/18/89	03/06/13	10/01/15	12/31/21
112	26203	Men	101	46.30	47.50	1	Willits Bypass Relinquishment	(Mill Creek), (Baechtel Creek), (Broaddus Creek), (Haehl Creek)	TBD	-	-	-	-	-	-	-	-	12/31/14	12/01/15	10/01/16	12/31/18

Table 6-1: District 1 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											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
113	OB830	Men	101	47.20	47.40	1	ADA Infrastructure Upgrade and Installation	(Eel River)	NA	TBD	-	-	-	-	TBD	-	05/07/12	05/01/15	12/01/15	01/01/16	10/01/16
114	26204	Men	101	47.20	47.30	1	Sherwood Road Geometric Upgrades - Willits Bypass	(Mill Creek)	TBD	TBD	-	-	-	-	TBD	-	09/14/89	09/01/14	11/01/15	11/01/16	12/03/18
115	40280	Men	101	50.10	84.60	1	Culvert Rehabilitation	(Eel River)	Y	-	-	1.25	-	-	WPCP	-	10/07/04	08/13/09	06/28/13	05/10/14	10/15/15
116	0C900	Men	101	50.70	51.20	1	Open Grade AC Overlay	(Eel River)	N	-	-	-	-	-	WPCP	-	10/16/13	12/18/13	05/01/14	01/01/15	07/01/16
117	26201	Men	101	52.20	52.40	1	Ryan Creek Fish Passage - Coho Salmon Mitigation	Ryan Creek	Y	TBD	-	-	-	-	-	-	9/14/1989	06/01/14	07/01/15	01/04/16	12/31/17
118	0C450	Men	101	58.90	82.50	1	Rehabilitate Safety Roadside Rest Area	(Eel River)	NA	TBD	-	-	-	-	TBD	-	08/30/14	03/11/19	09/18/23	09/30/24	12/11/28
119	45930	Men	101	64.70	69.30	1	Pavement Rehabilitation	(Long Valley Creek), (Ten Mile Creek), (Eel River), (South Fork Eel River)	N	N	-	-	-	-	WPCP	-	12/14/12	01/29/14	04/01/14	08/01/14	11/01/15
120	41540	Men	101	74.80	81.40	1	Pavement Rehabilitation	(South Fork Eel River)	N	N	-	0.39	-	-	WPCP	-	04/29/09	12/18/13	05/01/14	10/01/14	12/01/15
121	0B510	Men	101	87.40	100.40	1	Repair Slides and Slipouts	(South Fork Eel River)	TBD	TBD	-	-	-	-	-	-	-	07/01/15	07/01/15	04/15/16	08/15/17
122	0C370	Men	101	89.20	89.20	1	Cedar Creek Culvert Fish Passage, Bridge Preservation	(South Fork Eel River)	Y	TBD	-	0.77	-	-	WPCP	-	05/30/13	01/15/15	01/04/16	07/15/16	11/01/19
123	41550	Men	128	0.0	17.9	1	TBD	(Navarro River)	NA	TBD	-	-	-	-	TBD	-	06/30/14	08/10/17	01/19/23	07/03/23	05/13/27
124	37817	Men	128	0.20	11.10	1	Culvert Rehabilitation	(Navarro River)	Y	-	-	-	-	-	WPCP	-	-	06/27/05	06/02/14	03/01/15	12/01/16
125	37816	Men	128	14.30	40.60	1	Culvert Rehabilitation	(Navarro River), (Russian River)	Y	-	-	1.05	-	-	WPCP	-	-	06/27/05	09/30/11	12/20/13	11/01/16
126	37813	Men	128	30.10	48.80	1	Culvert Rehabilitation	(Navarro River), (Russian River)	Y	-	-	-	-	-	WPCP	-	-	06/27/05	07/01/12	07/01/15	07/01/16
127	47660	Men	128	34.50	35.50	1	Repair Storm Damage	(Navarro River)	Y	-	-	5.8	0.12	-	SWPPP	BS, 1	-	09/16/11	06/15/13	11/19/13	03/02/16
128	0B520	Men	128	39.50	39.80	1	Stabilize Roadway	(Navarro River)	TBD	TBD	-	-	-	-	-	-	-	07/01/15	09/30/15	07/01/16	10/31/17
129	0B530	Men	162	11.50	11.80	1	Stabilize Roadway	(Eel River)	TBD	TBD	-	-	-	-	-	-	-	07/01/14	07/01/15	05/01/16	12/01/18
130	0B540	Men	162	13.90	22.70	1	Repair Slipouts	(Eel River)	TBD	TBD	-	-	-	-	-	-	-	07/01/15	07/15/15	05/02/16	09/15/17
131	0B550	Men	162	16.10	16.10	1	Stabilize Roadway	(Eel River)	TBD	TBD	-	-	-	-	-	-	-	07/01/15	07/01/15	04/14/16	08/14/17
132	37812	Men	253	0.20	9.90	1	Culvert Rehabilitation	(Navarro River), (Russian River)	Y	N	-	<1 acre	0	0	WPCP	-	-	06/27/05	03/29/10	06/01/14	09/01/15
133	0B560	Men	253	1.50	1.80	1	Boonville Slide	(Navarro River)	TBD	TBD	-	-	-	-	-	-	-	07/15/14	10/15/14	07/01/15	11/15/16

Table 6-1: District 1 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											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
134	0B570	Men	253	6.80	-	1	Stabilize Roadway	(Navarro River)	N	TBD	-	-	-	-	-	-	-	06/01/14	11/15/14	07/01/15	03/01/17
135	0A840	Men	271	17.70	18.00	1	McCoy Creek Bridge Replacement	(South Fork Eel River)	TBD	TBD	FALSE	-	-	-	TBD	-	05/31/13	12/1/2016	10/1/2017	8/1/2018	12/1/2020
136	0A810	Men	Various	-	-	1	Bridge Deck Rehabilitation	(Mill Creek), Alder Creek, Salmon Creek, De Haven Creek, Cottoneva Creek, Jack Peters Creek, Caspar Creek, Jug Handle Creek, (Pudding Creek), Hare Creek, (Noyo River)	N	Waiver	-	-	-	-	WPCP	-	-	07/01/13	03/13/14	12/27/15	10/01/16
137	4939U	Men	Various	8.00	23.00	1	Construct Turnouts on Routes 20 and 162	(Noyo River), (Big River), (Eel River)	TBD	TBD	-	-	-	-	-	-	06/30/14	10/01/14	02/13/15	10/01/15	10/01/17
138	0E280	Various	101	34.00	99.20	1	Install Centerline and Shoulder Rumble Strips	(Russian River HU), (Eel River HU), Eureka Plain HU, (Mad River HU), Trinidad HU, (Redwood Creek HU)	N	-	-	-	-	-	-	-	05/15/14	02/16/15	07/01/15	02/15/16	12/01/16
139	0E520	Various	299	-	-	1	Overlay	(Trinity River)	N	N	-	TBD	0	0	WPCP	-	-	04/16/15	04/16/15	12/28/15	12/28/15
140	0A460	Various	Various	-	-	1	Bridge Rehabilitation – Scour	(Eel River), Greenlaw Creek, (South Fork Eel River), (McCoy Creek), Pacific Ocean, (Garcia River), Elk Creek, (Navarro River), Cottoneva Creek	Y	Waiver	-	TBD	TBD	TBD	TBD	-	-	08/01/13	11/01/14	02/15/15	10/01/16

Table 6-1: District 1 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											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
141	0A470	VAR	VAR	-	-	1, 5	Bridge Rehabilitation – Scour	(Broaddus Creek), (Ten Mile Creek), (Russian River), (Maple Creek), (Short Creek), (Orrs Creek), (Austin Creek), (Robinson Creek), (Outlet Creek), Kelsey Creek, Cole Creek	Y	TBD	Construction	TBD	TBD	TBD	TBD	TBD	-	08/01/13	11/01/14	02/15/15	10/01/16
142	0E210	VAR	VAR	-	-	1, Hoopa	Bridge Deck Repair	(High Prairie Creek), (Dean Creek), (Salmon Creek), Mill Creek	N	Waiver	Construction	TBD	TBD	TBD	TBD	TBD	-	06/30/14	08/04/14	03/27/15	10/01/16

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 1 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
01-0E440	DN	101	20.3/23.6	1	BWC Overlay	Pacific Ocean, Cushing Creek	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0B230	DN	101	12.5, 39.8	1	Clean, Paint Bridge	Wilson Creek, Rowdy Creek	GWDR	FALSE	0.01	0.0	0.0	WPCP	N/A	08/01/15	12/01/16
01-0E140	DN	199	33.1/36.2	1	Restore Collier Tunnel Communication	Griffin Creek	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0C940	HUM	96	3.7/11.6	1	Chip Seal	(Trinity River), Campbell Creek, Hospital Creek, Supply Creek	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E290	HUM	101	R10.2/11.4, R22.4/25.5	1	AC Overlay	(South Fork Eel River), (Sprowl Creek), (French Creek), (Salmon Creek)	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0B240	HUM	VAR	VAR	1, Yurok, Hoopa	Deck Rehab	(South Fork Van Duzen River), Hostler Creek, Eureka Plain, (Mad River), (Boyes Creek), (Redwood Creek), Miners Creek, (Klamath River), (East Fork Willow Creek)	Waiver	FALSE	0.01	0.0	0.0	WPCP	N/A	08/01/15	12/01/16
01-0C610	MEN	1	40.2	1	Clean, Paint Bridge	(Navarro River)	GWDR	FALSE	0.01	0.0	0.0	WPCP	N/A	08/01/15	12/01/16
01-0E590	MEN	20	0.0/7.0	1	AC Overlay	Hare Creek	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E750	MEN	20	20.0	1	Install 800 MHz Radio Repeater	(James Creek)	N	FALSE	0.02	0.01	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E480	MEN	128	23.3/26.8	1	AC Overlay	(Indian Creek), (Anderson Creek), (Con Creek)	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E130	MEN	1, 101, 162	VAR	1	Install 800 MHz Radio Repeaters	Cottoneva Creek, (South Fork Eel River), (Eel River)	N	FALSE	0.1	0.01	0.0	WPCP	N/A	06/01/15	12/01/15

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 1 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
01-0E510	TRI	299	0.0/8.0	1	BWC Overlay	(Trinity River), (Icebox Creek), (Pony Creek), (Gray Creek)	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0C690	VAR	VAR	VAR	1, 5	Install 800 MHz Radio Repeaters	(Trinity River), (Eel River), (Van Duzen River), (South Fork Eel River), (North Fork Cottonova Creek), (North Fork Big River), (Outlet Creek), (Navarro River), (Soda Creek), (Robinson Creek), (Mill Creek), (Dry Creek), (Sweet Hallow Creek), (Grizzley Creek)	N	FALSE	0.6	0.04	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E210	VAR	VAR	VAR	1	Methacrylate Deck	(High Prairie Creek), (Eel River), (Mill Creek), (Sprowl Creek), (Dean Creek), (Salmon Creek), (Eureka Plain), (Big Lagoon)	Waiver	FALSE	0.01	0.0	0.0	WPCP	N/A	08/01/15	12/01/16
01-0E390	VAR	VAR	VAR	1	Digout	(South Fork Eel River), (Middle Fork Eel River), (Mill Creek), (Dora Creek), (Bridges Creek), (Salmon Creek), (Eel River), (Bear Creek), (Greenlaw Creek), (Jordan Creek), (Finch Creek)	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15
01-0E740	VAR	VAR	VAR	1, 5	Replace Pavement Markers	TBD	N	FALSE	0.01	0.0	0.0	WPCP	N/A	06/01/15	12/01/15

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 1 Monitoring Activities

Statewide Monitoring Program Activities
The following are statewide monitoring activities that will be implemented in District 1. For detailed information on these activities, refer to the Monitoring Results Report, included as an attachment to the Annual Report (fiscal year 2015-2016).
<i>ASBS Core Monitoring Sites</i>
<ul style="list-style-type: none">• 17 core monitoring sites are proposed for monitoring.
<i>ASBS Ocean Receiving Water and Reference Monitoring Sites</i>
<ul style="list-style-type: none">• Two ocean receiving water sites and two ocean reference monitoring sites are proposed for monitoring.

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7 Region-Specific Activities

Section 7 of the DWP identifies the applicable region-specific activities that District 1 has planned for the fiscal year to comply with Attachment V of the Caltrans NPDES Permit.

North Coast Region

Caltrans Division of Environmental Analysis Stormwater Program is implementing the requirements of Attachment IV. Compliance with the Attachment IV requirements serves as compliance with Attachment V, as the given reach has already been prioritized within the context of statewide implementation.

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