

**California Department of Transportation  
Stormwater Management Program  
District 3 Work Plan**

Fiscal Year

**2016-2017**

CTSW-RT-15-316.11.1



California Department of Transportation  
Division of Environmental Analysis  
Stormwater Management Program  
703 B Street, Marysville, California 95901

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

October 1, 2015



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 3 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)]



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**Amarjeet S. Benipal, District Director**

9-1-15

**Date**

**District 3**

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# 1 Introduction

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## 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 3'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-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) (2012 NPDES Permit).

## District Goals and Commitments

District 3 will continue to train their Environmental, Maintenance and Traffic Operations, Encroachment Permit, Construction, Project Development (Design), and Right-of-Way staff on stormwater issues through tailgate meetings and by conducting/attending formal classes on specific stormwater management strategies and activities.

The District continues to implement its stormwater program in all divisions. The various District Stormwater Coordinators evaluate and inspect projects on a regular basis to ensure that measures required by the Caltrans SWMP are effectively implemented. Adjustments will be developed and implemented as the evaluation and inspection results are identified and required. Major upcoming changes will include compliance with the requirements of the new Caltrans NPDES Permit, the Statewide Construction General Permit (CGP), a revised SWMP, and development/implementation of new Total Maximum Daily Loads (TMDLs) within District 3.

As necessary, the District will evaluate what changes should be made to documentation, communication, and reporting accuracy. Internal stormwater documentation may be updated to reflect the changes.

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## **2 District Personnel and Responsibilities**

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

### **District Stormwater Manager**

The District Stormwater Manager, a Senior Transportation Engineer, is accountable for establishing an effective stormwater program and maintaining a liaison with Headquarters, Regional Boards, and other District Stormwater Coordinators for the purpose of effective communication, collaboration and coordination of stormwater activities, and regulatory compliance.

### **District NPDES Stormwater Coordinator**

The District NPDES Stormwater Coordinators (three Transportation Engineers and an Associate Environmental Planner) represent District 3 in daily activities with the Central Valley and Lahontan Regional Water Quality Control Boards for regulatory issues, prepare water quality assessment reports for Caltrans projects, provide oversight on water quality assessment reports prepared by consultants, and provide guidance to District and North Region staff on water quality issues.

### **Tahoe Regional Planning Agency (TRPA) Permit Coordinator**

The TRPA Permit Coordinator obtains approval of TRPA permit applications for improvement projects by coordinating early with the Project Development Team (PDT) members on design and permitting issues. In addition, the position provides various reports to management and the California Tahoe Conservancy and participates in public meetings.

### **Maintenance Stormwater Coordinator**

The Maintenance Stormwater Coordinators (a Caltrans Maintenance Area Superintendent and a Caltrans Maintenance Supervisor) oversee District 3's Maintenance Stormwater Program and have responsibility to ensure compliance with the SWMP. They serve as operations advisors to the Maintenance Stormwater Supervisors, prepare the annual Stormwater Operational Plan, conduct facility and field inspections, and generate reports.

### **Construction Stormwater Pollution Prevention Plan (SWPPP) Coordinator**

The Construction SWPPP Coordinators (two Transportation Engineers and a consultant) provide technical expertise and advice, engineering support, plans and specifications reviews, and constructive feedback to Resident Engineers (REs), Designers, and Contractors. They provide training programs designed to improve employee knowledge and awareness on water pollution prevention laws, regulations, and BMPs for construction projects in District 3.

### **Right-of-Way (ROW) Stormwater Coordinator**

The ROW Stormwater Coordinator, an Associate Right-of-Way Agent, serves as the point of contact for ROW Program inquiries, prepares a summary of completed stormwater property inspections for use in annual reports, and reports instances where ROW may conduct construction activities that require development of SWPPP and related notification.

## Engineering Services (Hydraulics) Representative

The Hydraulics Representative, a Senior Transportation Engineer, provides assistance with treatment design.

## Public Affairs Coordinator

The Public Affairs Coordinator, an Information Officer II, organizes and plans public outreach and coordinates with local groups to arrange campaign presentations and activities.

## Encroachment Permits Stormwater Coordinator

The Encroachment Permits Stormwater Coordinator, a Transportation Engineer, inspects permit work to assure compliance with engineering standards and specifications including BMPs. In addition, the Encroachment Permits Stormwater Coordinator regularly attends meetings with the public, other agencies, private and public engineers, developers, and manufacturers to discuss, advise, and explain policies, procedures, and permit requirements.

## Revegetation Specialist

The Revegetation Specialist, a Landscape Architect, is responsible for determining appropriate project-specific revegetation plans in coordination with other team members such as Environmental, Project Engineers, Project Management, and external agencies.

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

*Table 2-1: District 3 Stormwater Personnel and Responsibilities*

Staff Name	Title	Phone No.	E-mail	Responsibility
Amarjeet S. Benipal	District Director	(530) 741-4233	Amarjeet.benipal@dot.ca.gov	North Region (Districts 1, 2, 3)
Cindy Anderson	Chief, North Region Environmental Planning	(530) 741-4277	Cindy.anderson@dot.ca.gov	North Region (Districts 1, 2, 3)
Douglas Coleman	Office Chief, Office of Environmental Engineering, South	(530) 741-4539	Douglas.coleman@dot.ca.gov	District 3 Stormwater and Hazardous Waste
Veronica Wilson	NPDES/TRPA Coordinator	(530) 741-4158	Veronica.wilson@dot.ca.gov	District 3 NPDES reports, enforcement, studies, TMDL compliance and TRPA permit issues in the Tahoe Basin
Sean Cross	NPDES Coordinator	(530) 741-4579	Sean.cross@dot.ca.gov	Projects in Yolo, Sacramento and El Dorado Counties excluding the Tahoe Basin
Darrell Naruto	NPDES Coordinator	(530) 741-4239	Darrell.naruto@dot.ca.gov	Projects in El Dorado (within the Tahoe Basin), Nevada, Placer and Sierra Counties
Rajive Chadha	NPDES Coordinator	(530) 741-42959	Rajive.chadha@dot.ca.gov	Projects in Glenn and Butte Counties
Shira Rajendra, Acting	Chief, North Region Division of Engineering	(916) 952-8329	Shira.rajendra@dot.ca.gov	North Region (Districts 1, 2, 3)

**Table 2-1: District 3 Stormwater Personnel and Responsibilities**

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Wesley Faubel	Design & Eng. Services Stormwater Coordinator	(530) 225-3412	Wesley.faubel@dot.ca.gov	North Region (Districts 1, 2, 3)
T. Chris Johnson	Landscape Architecture Stormwater Coordinator	(530) 741-4436	T.chris.johnson@dot.ca.gov	District 3 Office of Engineering Services
Dennis Jagoda	Hydraulics Representative	(530) 741-4517	Dennis.jagoda@dot.ca.gov	District 3 Hydraulics
Andrew Brandt	Deputy District Director, Maintenance & Traffic Operations	(760) 872-8036	A.brandt@dot.ca.gov	District 3
Byron Pierce	Maintenance Stormwater Coordinator	(530) 741-5364	Byron.g.pierce@dot.ca.gov	District 3
Mike F. Myers	Maintenance Stormwater Crew Supervisor	(530) 741-5320	Mike.f.myers@dot.ca.gov	Sutter-Sierra Area
Paul Thornton	Maintenance Stormwater Crew Supervisor	(916) 641-1079	Paul.e.thornton@dot.ca.gov	Sunrise Area
Mohammad Asghari	Encroachment Permits Stormwater Coordinator	(530) 634-7603	Mohammad.asghari@dot.ca.gov	District 3
John Rodrigues	Chief, North Region Construction	(530) 741-5590	John.rodrigues@dot.ca.gov	North Region (Districts 1, 2, 3)
Santiago Cruz-Roveda	Construction SWPPP Coordinator	(530) 218-4820	Cruz-Roveda.Santiago@dot.ca.gov	Placer, Nevada, El Dorado, and Sierra Counties
Dusty Giffin	Construction SWPPP Coordinator	(916) 825-5357	Dusty.giffin@dot.ca.gov	Butte, Glenn, Yuba, Sutter, Colusa, Yolo, and Sacramento Counties
Tom Brannon	Deputy District Director, Program/Project Management	(530) 740-4846	Tom.brannon@dot.ca.gov	District 3
John Ballantyne	Chief, North Region Right of Way	(530) 741-4499	John.l.ballantyne@dot.ca.gov	North Region (Districts 1, 2, 3)
Roberto Cardenas	Demolition Coordinator	(530) 741-4069	Roberto.cardenas@dot.ca.gov	Demolition, District 3
Deanna Shoopman	Chief, Public Information	(530) 741-4572	Deanna.shoopman@dot.ca.gov	District 3 Public Information

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

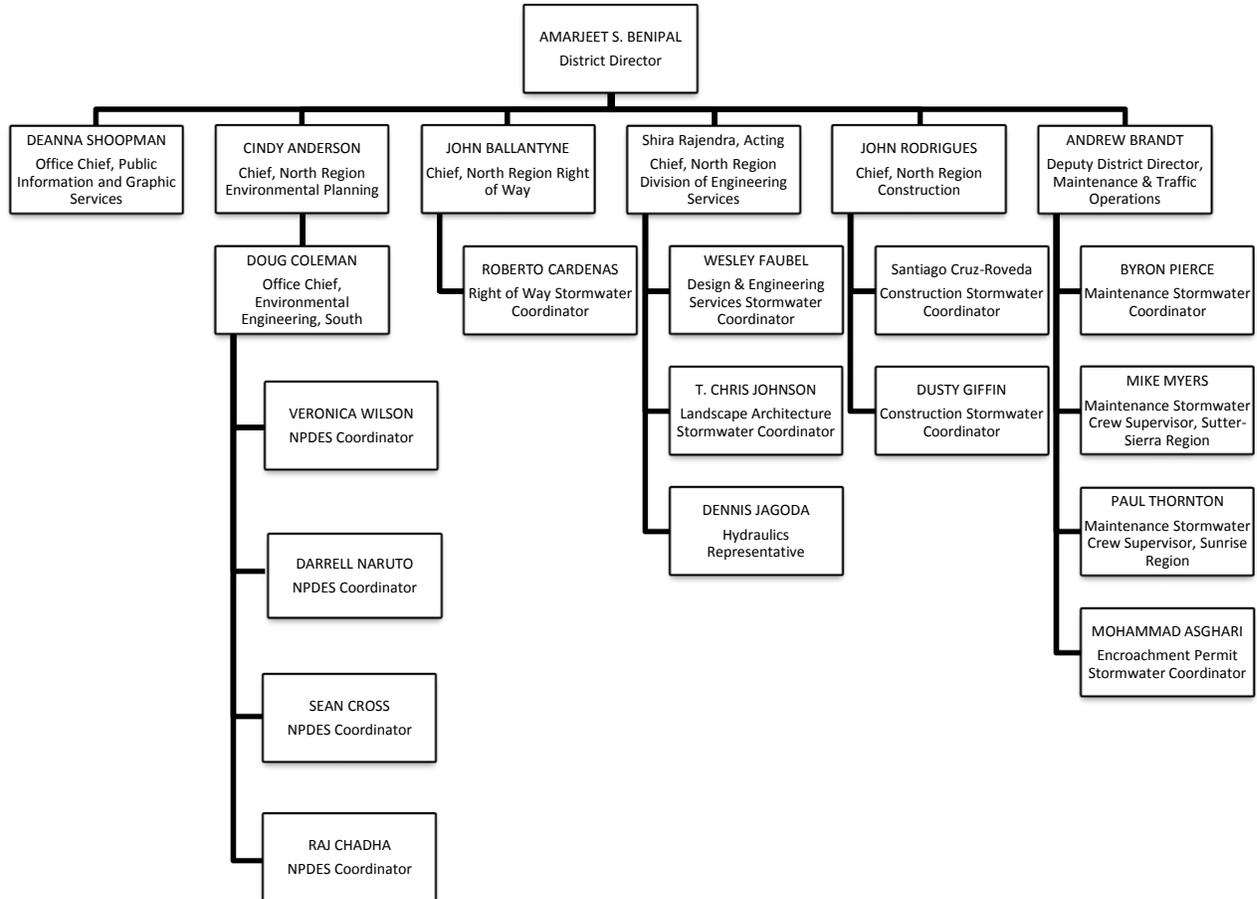
Stormwater Program. It also includes delegation of signatory authority for key Permit and SWMP required documents.

*Table 2-2: District 3 Signatory Authority for Key Documents*

<b>Position or Individual</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Documents Authorized for Signatures</b>
Amarjeet S. Benipal, District Director	(530) 741-4233	Amarjeet.benipal@dot.ca.gov	All District Documents, Legally Responsible Person (LRP – SMARTS)
Deputy District Director, Administration	(530) 741-4234	Susan.elkins@dot.ca.gov	All District Documents
Deputy District Director, Construction	(530) 741-5590	John.rodriques@dot.ca.gov	All District Documents
Deputy District Director, Engineering	(916) 952-8329	Shira.rajendra@dot.ca.gov	All District Documents
Deputy District Director, Environmental	(530) 741-4277	Cindy.anderson@dot.ca.gov	All District Documents
Deputy District Director, Program Project Management	(530) 740-4846	Tom.brannon@dot.ca.gov	All District Documents
Deputy District Director, Maintenance and Traffic Operations	(760) 872-8036	A.brandt@dot.ca.gov	All District Documents
Deputy District Director, Planning	(530) 741-4337	Marlon.flournoy@dot.ca.gov	All District Documents
Chief, Office of Environmental Engineering, South	(530) 741-4539	Douglas.coleman@dot.ca.gov	All District Documents except District Work Plan
Construction SWPPP Coordinators	(530) 218-4820 (916) 825-5357	Cruz-Roveda.Santiago@dot.ca.gov Dusty.giffin@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
Construction Engineers and Resident Engineers	-	Various	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illegal Connection/Illicit Discharge (IC/ID), Incident Report Form
Encroachment Permit Stormwater Coordinator	(530) 634-7603	Mohammad.asghari@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
Chief, Office of Environmental Engineering, South	(530) 741-4539	Douglas.coleman@dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Maintenance Managers, Superintendents, Supervisors and HazMat Manager	-	Various	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form
Maintenance Stormwater Coordinators	(530) 741-5364	Byron.g.pierce@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	-	Various	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 3 Organizational Chart



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### **3 District Facilities and Water Bodies**

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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 3 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 3 is presented in Table 4-1.

*Table 4-1: District 3 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
70 / 30.0	Butte	5	Lime Saddle Treatment Plant	Water for Del Oro Water Company – Lime Saddle Marina	1.5 miles to facility
162 / 21.3	Butte	5	Lake Oroville Spillway	Water for CSP Lake Oroville – Spillway	2.0 miles to facility
50 / 3.4	El Dorado	5	Bass Lake Water Treatment Plant	Water for El Dorado ID – Main	1.8 miles to facility
50 / 29.5	El Dorado	5	Reservoir 01 Water Treatment Plant	Water for El Dorado ID – Main	0.3 mile to facility
193 / 5.9	El Dorado	5	Auburn Lake Trails	Water for Georgetown Divide PUD	0.1 mile to facility
80 / 2.37	Nevada	5	Lake Serena Treatment Plant	Water for Sierra Lakes County Water District	2.1 miles to facility
80 / 6.77	Nevada	6	Lake Angela	Water for Donner Summit Public Utility District	1.3 miles to facility

*Table 4-1: District 3 Drinking Water Reservoirs and Recharge Facilities*

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
80 / 12.4	Nevada	6	Donner Lake Water Treatment Plant	Water to Donner Lake Water Company	0.2 mile to facility
28 / 7.24	Placer	6	Lake Tahoe Intake	Water for Agate Bay Water Company	0.0 mile to facility
80 / 22.2	Placer	6	Bowman Water Treatment Plant	Water for Placer CWA – Auburn/Bowman	0.5 mile to facility
16 / 19.5	Sacramento	5	Consumnes River (Lake Chesbro)	Water for Rancho Murrieta CSD	2.3 miles to facility
49 / 33.3	Sierra	5	Sardine Lake	Water for Sardine Lake Resort	1.0 mile to facility

## 5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 3 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 3’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.

District 3 maintenance crews continually perform activities to prevent encroachment of slopes onto the travel way.

*Table 5-1: District 3 Inventory of Road Segments Prone to Erosion*

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
37.001-38.995	BUT-70	Central Valley	Feather River	TBD
18.991-30.991	BUT-162	Central Valley	Dry Creek	TBD
7.292-7.493	BUT-191	Central Valley	Chico Creek	TBD
1.0-2.0	COL-20	Central Valley	Bear Creek	TBD
9.372-40.746	SIE-49	Central Valley	Yuba River	TBD
1.3-1.7	YOL-16	Central Valley	Cache Creek	TBD
3.1-3.3	YOL-16	Central Valley	Cache Creek	TBD
4.2-4.3	YOL-16	Central Valley	Cache Creek	TBD
5.0-6.0	YOL-16	Central Valley	Cache Creek	TBD

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 3 in 2015, including rock cut slopes, landslides, and moderate soil erosion.

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# District 3

## 2015 Areas Prone to Erosion

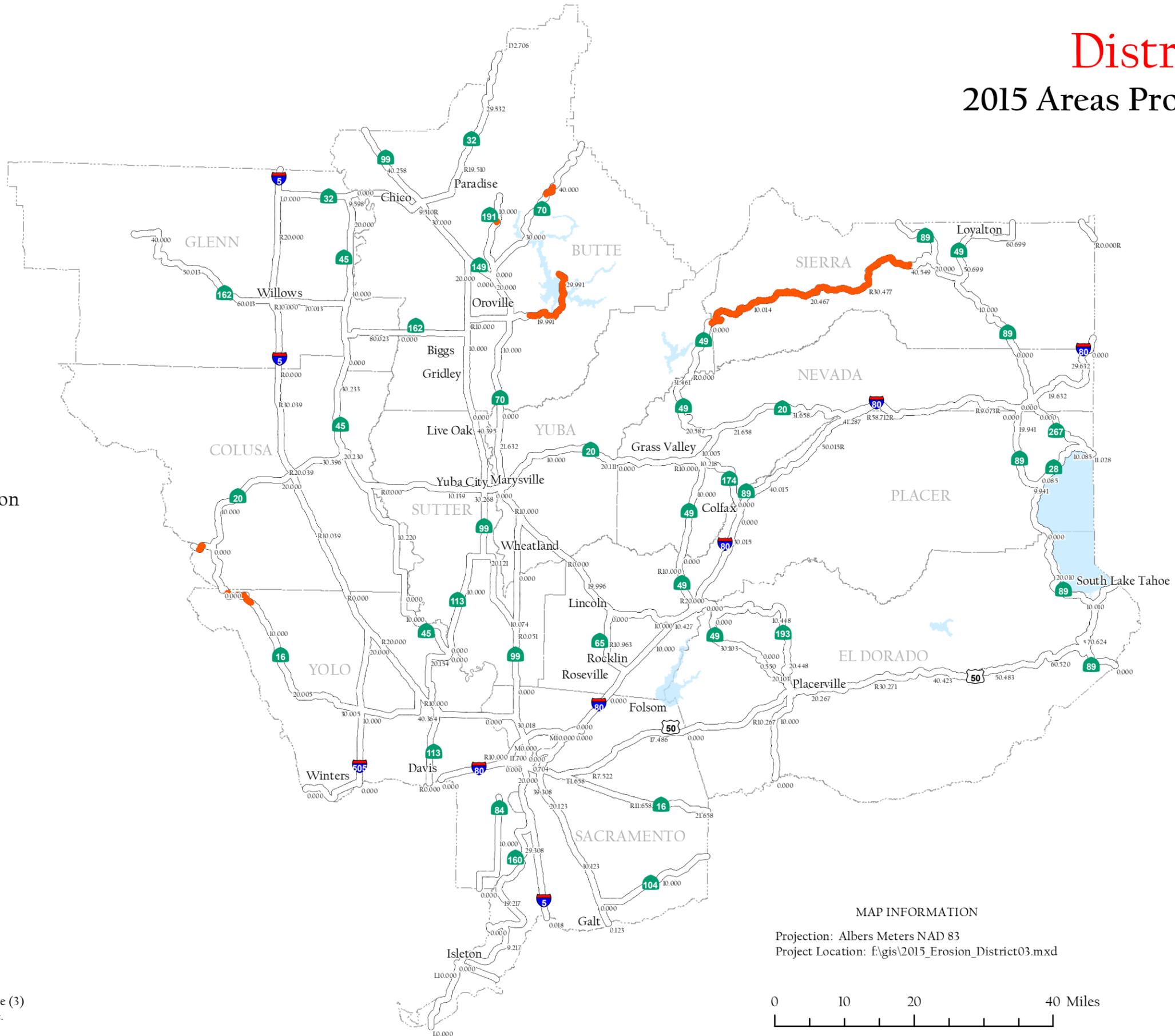


- Legend**
- State Highway
  - 3 Yr. Consecutive Erosion
  - Water Feature
  - County Boundary

Areas Prone to Erosion

DISTRICT	COUNTY	ROUTE	PM1	PM2
3	BUT	70	37.001	38.995
3	BUT	162	18.991	30.991
3	BUT	191	7.292	7.493
3	COL	20	1.000	2.000
3	SIE	49	9.372	40.746
3	YOL	16	1.300	1.700
3	YOL	16	3.100	3.300
3	YOL	16	4.200	4.300
3	YOL	16	5.000	6.000

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\_District03.mxd



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

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## 6 Implementation

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

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

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

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

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

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Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
1	030A570	Yuba	020	13.3	17.8	5	Yuba 20 Shoulder Widening	(Lower Yuba River)	N	Y	N	TBD	TBD	TBD	SWPPP	C	15-Dec-15	01-Sep-16	01-Apr-17	01-Oct-17
2	030A870	Yolo	016	0	19.3	5	Yolo 16 CIR with HMA Overlay	(Cache Creek)	N	TBD	N	TBD	-	-	WPCP	E	15-Dec-17	01-Aug-18	01-Apr-19	01-Oct-19
3	030A960	Yolo	045	0	12.9	5	Yolo 45 CIR with HMA Overlay	(Sacramento River)	N	TBD	N	TBD	-	-	WPCP	E	15-Dec-17	01-Aug-18	01-Apr-19	01-Oct-19
4	030C470	Yolo	016	20.5	31.6	5	Yolo 16 Widen Shoulder and Construct Left Turn Lane and Right Turn Pockets	(Cache Creek)	Y	Y	N	380	32	-	SWPPP	C	24-Jun-15	01-Nov-17	15-Sep-18	01-Nov-20
5	030C472	Yolo	016	20.5	31.6	5	Yolo 16 Intersection Improvement	(Cache Creek)	N	-	-	-	-	-	TBD	C	24-Jun-15	15-Dec-16	15-Jul-17	15-Nov-18
6	030F250	Yolo	080	11.3	11.3	5	Sacramento River BOH Seismic Retrofit	(Sacramento River)	N	N	N	6	0	-	SWPPP	E	15-Jul-16	-	19-Feb-18	30-Jul-19
7	030F280	Sacramento	099	7.4	8.4	5	SAC 99 Seismic Widening Bridge Rail Upgrade	(Cosumnes River)	Y	Y	N	10.5	0.3	30.00%	SWPPP	C	25-Feb-15	01-Feb-17	01-Oct-17	01-Nov-19
8	030F290	Butte	099	15.41	15.41	5	Cottonwood Creek Bridge Replacement	Cottonwood Creek	NA	TBD	N	TBD	-	-	TBD	C	01-Feb-18	15-Jun-19	15-Mar-20	01-Nov-21
9	030F310	El Dorado	049	24	24	5	South Fork American River Bridge Replacement	(South Fork American River)	Y	Y	N	5	1	22.22%	SWPPP	C	10-Mar-15	04-Apr-16	12-Dec-16	12-Jan-19
10	030F320	Sacramento	160	4.4	10.8	5	AC Overlay	(Delta Waterways, northern portion)	N	N	N	-	-	-	WPCP	E	15-Sep-15	-	15-Apr-16	14-Nov-17
11	030F350	D03-Various	VAR	VAR	VAR	5	Ramp Metering	Antelope Creek, (American River), Morrison Creek, Strawberry Creek	N	N	N	7	1.87	13.15%	SWPPP	E	06-Nov-15	-	02-Dec-16	19-Jan-18
12	030F380	Colusa	005	2.3	13.8	5	Harrington Road Clearance	Petroleum Creek	N	TBD	TBD	-	-	-	TBD	C	01-Aug-17	15-Jul-18	01-Dec-18	01-Nov-20
13	030G020	D03-Various	VAR	VAR	VAR	5	Bridge Deck	TBD	N	N	N	-	-	-	WPCP	E	01-Aug-15	-	01-Jun-16	01-Nov-17
14	030G040	Sacramento	VAR	VAR	VAR	5	Rehabilitate Bridge Decks	TBD	N	TBD	TBD	-	-	-	WPCP	E	01-Sep-15	-	01-Jun-16	01-Nov-17
15	030G100	Sierra	089	19.9	29.6	5	Replace AC Surfacing	ND	N	N	N	-	-	-	WPCP	E	05-Sep-14	15-Jun-15	26-Nov-15	01-Jan-18
16	030G110	Butte	032	19	23.9	5	Rubberized HMA Overlay	ND	N	N	N	-	-	-	WPCP	E	20-Nov-15	13-May-16	17-Dec-16	16-Nov-18

<sup>1</sup> Supplemental Environmental Projects designated as "SEP."

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

<sup>3</sup> Water bodies with designation for 303(d) designation are noted in parentheses.

<sup>4</sup> If yes, a 401 permit will be required for this project. NA = Not Available at this time.

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Program (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

<sup>8</sup> 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.

<sup>9</sup> Regional Board

Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&E Date	PS&E Date	Start Date	End Date
17	030G120	Sutter	020	0	4.2	5	Overlay	(Sacramento River)	N	N	N	-	-	-	WPCP	E	01-Jul-18	-	01-Jun-19	01-Nov-20
18	030G290	Butte	070	VAR	VAR	5	Paint Two Bridges on Butte 70	(Feather River)	N	TBD	TBD	-	-	-	WPCP	E	01-Sep-15	-	-	01-Nov-17
19	030G320	Nevada	VAR	VAR	VAR	5	NEV 20/49 Bridge Rehab	TBD	NA	TBD	TBD	-	-	-	TBD	C	01-Sep-15	-	-	02-Oct-17
20	030G330	Nevada	049	15.1	21.8	5	Rubberized Bonded Wearing Course - Gap Graded	(Deer Creek), (South Fork Yuba River)	N	N	N	-	-	-	WPCP	E	01-Jul-15	-	-	02-Oct-17
21	030G340	Nevada	080	13.5	21.5	6	Bonded wearing course - Gap Graded	(Truckee River)	N	-	-	-	-	-	WPCP	E	01-Jun-16	-	-	01-Nov-18
22	030G350	Placer	080	69.2	69.8	5	PCC Slab Replacement/Repair	South Yuba River, Cascade Lakes	N	TBD	N	-	-	-	WPCP	E	01-Aug-15	-	-	02-Oct-17
23	030G360	Butte	162	18	22.7	5	Mill and Replace with RHMA	(Lake Oroville), (Feather River)	N	TBD	N	-	-	-	WPCP	E	01-Oct-15	-	-	01-Nov-17
24	030G370	El Dorado	050	58	67.6	5	Bonded Wearing Course - Gap Graded	(Upper Truckee River)	N	N	N	-	-	-	WPCP	E	15-Jun-15	-	-	01-Nov-17
25	030G380	Glenn	032	1	5.9	5	RHMA Overlay	(Stony Creek)	N	TBD	N	-	-	-	WPCP	E	01-Oct-15	-	-	01-Nov-17
26	030G420	Colusa	045	28.8	33.9	5	Cold In Place Recycle	(Sacramento River)	N	TBD	N	-	-	-	WPCP	E	01-Jul-16	-	-	01-Dec-18
27	030G450	Placer	089	8.56	13.58	6	HMA Overlay	(Lake Tahoe), (Truckee River)	N	TBD	N	-	-	-	WPCP	E	01-Oct-15	-	28-Oct-16	01-Dec-17
28	030G460	Sacramento	012	0.4	5.8	5	RHMA Overlay	(Delta Waterways, central portion)	N	N	N	-	-	-	WPCP	E	04-Jun-15	-	28-Oct-16	01-Dec-17
29	030G470	Colusa	045	24.5	28.8	5	Cold In place Recycle w/HMA Overlay	(Sacramento River)	N	TBD	N	-	-	-	WPCP	E	01-Oct-15	-	28-Oct-16	01-Dec-17
30	030H040	Yuba	049	5.9	6	5	Repair Landslide	Willow Creek	N	TBD	N	-	-	-	TBD	E	02-May-17	02-Oct-18	02-Apr-19	01-Oct-19
31	030H050	Sacramento	005	23.6	24.7	5	I Street Bridge Replacement	(Sacramento River)	NA	TBD	N	-	-	-	TBD	C	01-Jun-16	01-Aug-17	01-Jun-18	01-Dec-20
32	030H080	Sacramento	050	0.6	5.3	5	SAC 50 Pavement Rehab	(American River)	NA	TBD	N	-	-	-	TBD	E	01-Oct-15	02-May-16	16-Jan-17	01-Dec-18
33	030H090	Yolo	084	0	15.68	5	Yolo 84 Roadway Rehab	(Delta Waterways, northern portion)	NA	TBD	N	-	-	-	TBD	E	01-Feb-18	01-Oct-18	01-May-19	01-Dec-21
34	030H100	Sacramento	005	17.2	24.8	5	SAC 5 Roadway Rehab	(Delta Waterways, northern portion), (Sacramento River)	NA	TBD	N	-	-	-	TBD	E	01-Dec-15	01-Feb-17	01-Nov-17	01-Oct-19
35	030H110	Sacramento	160	44.46	47.05	5	SAC 160 CAPM	(Delta Waterways, northern portion)	N	TBD	N	-	-	-	TBD	E	01-Oct-15	01-Feb-16	01-Oct-16	01-Oct-17
36	030H160	Yuba	070	15.07	16.5	5	YUBA 70 Pavement Rehab	(Feather River)	N	N	N	-	-	-	TBD	E	15-Mar-17	01-Jun-18	01-Feb-19	01-Nov-21

Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
37	030H170	Colusa	020	32.48	32.74	5	Shoulder Widening, New Sidewalks, Curbs and Gutters	(Sacramento River)	NA	N	N	-	-	-	TBD	C	15-Apr-16	14-Oct-16	01-May-17	01-Oct-18
38	030H200	Butte	099	3.968	3.968	5	Install Median island and ADA Improvements at Intersection	(Morrison Slough)	N	N	N	-	-	-	TBD	E	01-Sep-16	-	01-May-17	01-May-18
39	030H220	Nevada	049	7.5	15	5	Culvert Rehabilitation	(Wolf Creek)	Y	TBD	N	-	-	-	TBD	E	01-Sep-18	15-Sep-19	15-Feb-21	01-Nov-22
40	030H230	Yolo	016	25.22	25.5	5	Capay Curve Improvement	(Winters Canal)	NA	N	N	-	-	-	TBD	C	01-Dec-17	01-Nov-18	15-May-19	01-Nov-19
41	030H240	Nevada	020	29.9	30.5	5	White Cloud Curve	North Fork Deer Creek	N	N	N	-	-	-	TBD	C	15-Jul-16	01-Aug-17	01-Apr-18	01-Oct-18
42	030H260	Placer	VAR	VAR	VAR	5	80/65 Auxiliary Lane	TBD	NA	N	N	-	-	-	TBD	C	01-Apr-16	31-Jan-17	02-Oct-17	01-Mar-20
43	030H270	Yolo	VAR	VAR	VAR	5	Modify Signal Controllers	TBD	N	N	N	-	-	-	WPCP	E	01-May-16	01-Apr-17	01-Dec-17	01-Nov-18
44	030H320	D03-Various	VAR	VAR	VAR	5	Design/Build ADA Various Locations	TBD	N	N	N	-	-	-	TBD	E	01-Feb-16	01-Aug-16	01-Apr-17	01-Dec-20
45	030H330	Butte	099	13.25	45.92	5	Butte 99 Bridge Rail Replacement	TBD	NA	N	N	-	-	-	TBD	E	01-Feb-18	15-Jul-19	01-Apr-20	01-Nov-22
46	030H340	Sacramento	099	22.59	22.6	5	Replace Bridge Deck on 'Sawmill' Sac 99/50	El Dorado Irrigation District Main Canal, North Fork Weber Creek	NA	TBD	N	0.11	-	0.00%	WPCP	E	01-Feb-18	17-Sep-19	23-Apr-20	15-Nov-21
47	030H370	Yuba	065	0.52	1.77	5	Wheatland HMA and ADA	Dry Creek, (Bear River)	N	N	N	-	-	-	TBD	E	01-Aug-17	01-Aug-19	01-Apr-20	01-Oct-20
48	030H390	Sacramento	160	44.46	44.71	5	SAC 160 Bridge Deck Rehabilitation	(American River)	N	N	N	-	-	-	TBD	E	01-Sep-15	01-Feb-16	01-Oct-16	01-Oct-17
49	030H400	D03-Various	VAR	VAR	VAR	5, 6	Upgrade EMS signs to LED	TBD	N	N	N	-	-	-	WPCP	E	01-Jan-18	01-Aug-18	01-Mar-19	01-Sep-19
50	030H410	D03-Various	VAR	VAR	VAR	5, 6	AVC Install	TBD	N	N	N	-	-	-	WPCP	E	01-Jan-18	01-Aug-18	01-Mar-19	01-Sep-19
51	030H420	D03-Various	VAR	VAR	VAR	5, 6	Count Stations	TBD	N	N	N	-	-	-	WPCP	E	01-Jan-19	01-Sep-19	01-Mar-20	01-Sep-20
52	030H430	Sacramento	005	10.9	25.7	5	SAC 005 Operational Improvements	(Delta Waterways, northern portion), (American River), (Sacramento River)	NA	N	N	-	-	-	TBD	C	01-Dec-15	01-Feb-17	01-Nov-17	01-Dec-18
53	030H460	Placer	080	2.9	2.9	5	Widen Connection Ramp and Structure at Miner's Ravine	Miners Ravine	NA	N	N	2.5	2.1	110.53%	SWPPP	C	15-Dec-16	01-Sep-18	02-Jul-18	15-Apr-19
54	030H470	Sacramento	080	1.16	11.31	5	Rehab Connection Ramp Pavement at Var Loc	TBD	NA	N	N	-	-	-	TBD	E	01-Feb-18	17-Sep-19	23-Apr-20	15-Nov-21
55	030H480	Sacramento	099	11.9	21.5	5	RHMA Overlay	(Morrison Creek), (Elk Grove Creek)	N	N	N	-	-	-	WPCP	E	01-Jun-18	20-Aug-19	15-Apr-20	15-Apr-21
56	030H490	D03-Various	VAR	VAR	VAR	5, 6	Replace Signs - Various Locations	TBD	N	N	N	-	-	-	WPCP	E	01-Jan-17	15-Aug-17	15-Mar-18	01-May-19

Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
57	030H500	El Dorado	050	0	80.44	5, 6	El Dorado 50 MBGR, Add Concrete Barrier	TBD	NA	N	N	-	-	-	TBD	E	01-Feb-17	01-Aug-18	01-Apr-19	01-Dec-21
58	030H510	Yuba	070	11	13.6	5	Yuba 70 Median Barrier	(Yuba River), (Feather River)	NA	N	N	-	-	-	TBD	C	01-Aug-17	15-Aug-18	15-May-20	01-Dec-20
59	030H520	El Dorado	050	0	80.4	5, 6	El Dorado 50 Advance Warning & ITS	TBD	N	N	N	-	-	-	TBD	E	01-Aug-17	01-Dec-19	01-Sep-20	01-Dec-21
60	030H530	Sacramento	080	15	17.2	5	Antelope Truck Scales	(Arcade Creek)	N	N	N	-	-	-	TBD	C	01-Oct-17	01-Aug-18	01-Apr-19	01-Jul-19
61	030H540	D03-Various	080	VAR	VAR	5	SAC/PLACER 80 Fiber Optics	TBD	NA	N	N	-	-	-	TBD	E	01-Jul-18	01-Aug-19	01-Mar-20	01-Sep-20
62	030H560	Placer	065	5.7	5.7	5	Galleria 65 NB Ramps - CT Oversight	Antelope Creek	NA	N	N	-	-	-	TBD	C	01-Apr-16	01-Oct-16	01-Jul-17	01-Dec-19
63	030H570	Sacramento	050	10.84	10.99	5	Modify Ramp Intersections, Lengthen Turn Pocket	(Antelope Creek)	NA	N	N	-	-	-	TBD	C	15-Nov-15	-	15-Oct-16	15-Oct-17
64	030H580	Sacramento	050	3.5	3.5	5	Hornet Drive Off Ramp Improvement	(American River)	NA	N	N	-	-	-	TBD	C	11-Nov-16	06-Jun-18	02-Jan-19	10-Oct-19
65	031A810	Glenn	162	37.6	84.6	5	Glenn 162 CIR with HMA Overlay	TBD	N	N	N	-	-	-	WPCP	E	15-Dec-18	01-Aug-19	01-Apr-20	01-Oct-21
66	031A820	Glenn	045	0	23.2	5	Glenn 45 CIR with HMA Overlay	(Sacramento River), (Stony Creek)	N	N	N	-	-	-	WPCP	E	15-Jan-16	02-Dec-16	17-Jul-17	16-Nov-18
67	031A842	El Dorado	089	8.6	13.8	6	Environmental Improvement - Route 50 to Cascade Road	Truckee Marsh, Taylor Creek, (Tallac Creek)	Y	Y	N	10.5	2.32	10.09%	SWPPP	TST, 42	02-Aug-11	-	10-Oct-14	01-Oct-17
68	031A843	El Dorado	089	13.8	18	6	Environmental Improvement - Emerald Bay	Cascade Creek, Eagle Falls Creek, (Lake Tahoe)	Y	Y	N	2.3	0.6	-	SWPPP	TST, 22	26-Jul-13	01-May-14	30-Aug-15	15-Dec-17
69	031A920	Sutter	020	5	11.3	5	Sutter Bypass Widening and Rehab	Sutter Bypass, Snake River, Humphrey Lateral, Little Blue Creek, (Wadsworth Canal)	Y	Y	N	5.76	5.76	-	SWPPP	C	01-Jul-16	01-Jan-18	01-Sep-18	15-Nov-20
70	031E050	Placer	080	31.5	36.89	5	Colfax Culvert Rehabilitation	(Rollins Reservoir), Slaughter Ravine, (North Fork American River)	Y	TBD	N	-	-	-	TBD	E	01-Jun-17	15-Jun-19	05-Mar-20	05-Mar-21
71	031E060	Yuba	070	16	16.1	5	Replace Simmerly Slough Bridge	(Jack Slough)	Y	TBD	N	-	-	-	TBD	C	15-Apr-16	01-Oct-17	01-Jul-18	01-Nov-20
72	031E090	Butte	162	26.8	29.9	5	Seismic Retrofit	(Lake Oroville)	NA	N	N	-	-	-	TBD	C	15-Jan-18	01-May-20	02-Jan-21	01-Dec-23
73	031E270	Sacramento	050	12.5	15.8	5	Rancho Cordova Parkway Interchange	Buffalo Creek	Y	Y	N	28	-	-	SWPPP	C	01-Jul-15	01-Jul-19	01-Nov-19	01-Nov-22
74	031E330	El Dorado	050	79.8	80.4	6	Realign US 50 at Stateline - CT Oversight	(Lake Tahoe)	Y	TBD	N	50	6	-	SWPPP	BS, 2 ID, 1 D, 1 TST, 1 MF, 1	01-Jun-16	-	01-Apr-18	01-Mar-21
75	031E760	Yuba	VAR	VAR	VAR	5	Marysville Operational Improvement	TBD	NA	N	N	-	-	-	SWPPP	-	01-Dec-05	15-Feb-16	01-Feb-17	01-Dec-17

Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
76	031F170	Placer	065	4.8	12.8	5	Placer 65 HOV Lanes	Pleasant Grove Creek, Orchard Creek, Ingram Slough	N	N	N	35	30	-	SWPPP	C	05-Jul-16	-	01-Nov-19	01-Nov-22
77	031F190	Sacramento	050	2.6	3.8	5	SAC 50, 65th to Howe AUX Lane	Morrison Creek, (American River)	N	TBD	N	2.3	0.12	-	SWPPP	E	01-Jul-16	15-Nov-16	01-Apr-19	01-Nov-20
78	031F230	D03-Various	080	2.4	11.3	5	Install Ramp Meters	(Sacramento River)	N	N	N	8	2.5	-	SWPPP	BS,2	01-Mar-16	01-Apr-17	01-Nov-17	01-Oct-19
79	031F280	Glenn	005	0	29	5	GLEN-5 Native Planting	Walker Creek	N	N	N	-	-	-	WPCP	E	04-Sep-12	-	23-Mar-15	01-Nov-17
80	031F290	Colusa	005	0	34	5	COL-5 Native Planting	(Stone Corral Creek), (Sand Creek)	N	N	N	-	-	-	WPCP	E	04-Sep-12	-	23-Mar-15	01-Nov-17
81	031F310	Sacramento	099	0	36.9	5	High Speed Rail Project	(Cosumnes River), (Elk Grove Creek),	Y	TBD	N	-	-	-	TBD	C	01-Dec-18	-	-	-
82	031F400	Placer	080	35.1	38.3	5	Colfax Truck Climbing Lane	(Rollins Reservoir), Slaughter Ravine, (North Fork American River)	Y	Y	N	27.8	7.2	51.80%	SWPPP	C	22-Apr-14	18-Jun-15	30-Dec-15	01-Nov-19
83	031F970	Sutter	099	27.6	32.7	5	Yuba City ITS and Operational Improvements	(Gilsizer Slough)	N	N	N	-	-	-	TBD	E	23-Apr-18	24-Jul-19	13-Feb-20	29-Dec-20
84	031F990	Butte	032	9.5	10.2	5	Butte 32 ADA Compliance	Little Chico Creek, (Big Chico Creek)	N	N	N	1.8	0.9	-	SWPPP	E	22-Apr-14	15-Oct-15	01-Jun-16	15-Nov-17
85	032E550	El Dorado	050	8.3	8.8	5	Ponderosa Road Interchange	ND	N	TBD	N	-	-	-	TBD	C	01-Jun-17	01-Oct-19	01-Dec-20	01-Jun-23
86	032F080	Yuba	VAR	VAR	VAR	5	Marysville ADA	ND	N	N	N	1.6	-	0.00%	SWPPP	E	23-Oct-20	19-Nov-21	17-Jun-22	15-Nov-23
87	032F130	El Dorado	050	38	58	5	Install Sandtraps and Pullouts	TBD	NA	N	N	-	-	-	TBD	C	01-Jul-16	01-Sep-17	01-Apr-18	01-Oct-19
88	032F320	Yuba	020	8	10.2	5	Loma Rica Road/Spring Valley Road Widening and Rehab	(Feather River)	Y	TBD	N	4.8	3.2	-	SWPPP	C	01-Apr-16	01-Oct-17	16-May-18	15-Nov-19
89	032F340	Placer	049	3.1	7.5	5	Placer 49 HMA Overlay	ND	N	N	N	-	-	-	WPCP	E	01-Jun-16	01-Feb-18	01-Oct-18	01-Oct-20
90	032F510	Yuba	070	14.117	14.117	5	E Street Bridge Curb and Ramps	(Yuba River)	NA	N	N	-	-	-	TBD	E	01-Oct-16	-	01-Jul-17	01-Jul-18
91	032F520	Butte	162	16	16.7	5	Butte 162 Traffic Signal Upgrades	(Feather River)	N	N	N	0.2	-	-	WPCP	E	15-Sep-16	27-Jul-17	23-Feb-18	25-Apr-20
92	032F570	Placer	080	0.27	63.52	5	Placer 80 Bridge Rehab	TBD	NA	TBD	N	-	-	-	TBD	C	02-Jan-18	01-Feb-20	15-Dec-21	01-Dec-25
93	032F590	Yuba	020	20.1	21.6	5	Smartsville Shoulder Widening and Curve Improvements	(Yuba River)	N	N	N	30	4.9	-	SWPPP	BS, 2 D, 1	08-Jan-16	01-Dec-17	15-Aug-18	01-Nov-20
94	032F770	Colusa	020	0	10.2	5	Colusa 20 Roadway Rehab	(Bear Creek)	NA	TBD	N	-	-	-	-	E	01-Aug-18	01-Nov-19	15-Aug-20	15-Nov-21

Table 6-1: District 3 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&E Date	PS&E Date	Start Date	End Date
95	032F920	Placer	065	10.6	11.7	5	Placer Parkway Interchange	Orchard Creek, (Pleasant Grove Creek)	N	N	N	98.8	31.4	173.48%	SWPPP	C	01-Jul-15	-	01-Dec-17	01-Dec-19
96	032F960	Placer	080	5	6	5	Rocklin Road Interchange	(Secret Ravine)	N	N	N	-	-	-	TBD	C	01-Apr-16	-	02-Mar-19	02-Mar-21
97	032F980	Colusa	020	31.8	32.8	5	Colusa Pavement Rehab	(Sacramento River)	N	N	N	-	-	-	TBD	E	15-Sep-15	01-Mar-17	01-Dec-17	01-Dec-18
98	0337422	Yolo	005	6.4	6.8	5	NB I5 to SB 113 Connector	Tule Canal	N	-	-	6.4	4.1	-	SWPPP	BS, 1	06-Apr-00	01-Jan-19	01-Nov-27	01-Nov-30
99	033A402	Butte	099	33.9	35.3	5	Butte 99 Irrigation Restoration	(Big Chico Creek)	NA	N	N	-	-	-	WPCP	E	18-Feb-19	13-Feb-20	26-Aug-20	12-Sep-20
100	033A760	Placer	089	7.5	9.4	6	Fanny Bridge - Route 89 Operational Improvements	(Truckee River), (Lake Tahoe)	N	N	N	-	-	-	SWPPP	C	01-Jul-15	01-Dec-15	01-Aug-16	01-Oct-17
101	033C001	Sacramento	005	13.1	22.5	5	...	TBD	NA	TBD	TBD	-	-	-	TBD	-	-	01-Aug-17	12-Apr-18	01-Oct-21
102	033C380	El Dorado	050	75.4	77.3	6	IDUS 50 Phase 2 Water Quality	(Lake Tahoe)	Y	Y	N	10.5	0	-	SWPPP	ID,7 TST,60	16-Jun-09	15-Mar-16	15-Feb-17	01-Oct-20
103	033E010	Yuba	070	13.5	16.1	5	Feather River Expressway	(Yuba River), (Jack Slough)	N	Y	N	-	-	-	TBD	C	01-Dec-15	01-Apr-18	15-May-19	01-Jan-23
104	033E050	Placer	080	28.5	31.5	5	Culvert Rehab	Smuthers Ravine, Live Oak Ravine	Y	Y	N	-	-	-	TBD	E	18-Mar-16	12-Jan-17	20-Sep-17	15-Jan-20
105	033E380	Sacramento	050	15.6	16	5	Hazel Avenue Interchange	(American River)	Y	Y	N	49.7	36.2	136.09%	SWPPP	C	05-Jan-16	-	01-May-18	02-Dec-20
106	033F060	Glenn	162	76.7	76.7	5	Sac River Bridge at Butte City Seismic Retrofit	(Sacramento River)	Y	Y	N	3.63	4.26	413.59%	SWPPP	C	15-Aug-16	01-Aug-16	01-May-17	01-Oct-17
107	033F070	Sacramento	051	2.64	2.97	5	American River Bridge Deck Rehab and/or Replacement	(American River)	Y	Y	N	1.9	1.4	31.82%	SWPPP	C	01-Aug-18	01-Oct-20	01-Apr-19	01-Oct-20
108	033F090	D03-Various	160	20.87	45.02	5	Various Routes - Seismic Retrofit on Four Bridges	TBD	NA	N	N	-	-	-	TBD	C	01-Jun-16	12-Mar-18	03-Oct-18	01-Oct-21
109	033F130	D03-Various	VAR	VAR	VAR	5	ADA Curb Ramps	TBD	N	N	N	-	-	-	TBD	E	01-Jul-16	15-Nov-17	15-Jul-18	14-Dec-18
110	033F140	Sacramento	005	17.2	24.7	5	ADA Curb Ramps	(Sacramento River), (Delta Waterways, northern portion)	N	N	N	-	-	-	TBD	E	01-Feb-17	01-Jun-18	03-Jan-19	01-Nov-19
111	033F230	Placer	080	4.5	5.9	5	Placer 80 Auxiliary Lane	Secret Ravine	N	TBD	N	19	4	15.38%	SWPPP	BS, 2	18-Dec-15	01-Sep-18	01-Apr-19	15-Sep-20
112	033F250	Nevada	080	29.1	29.4	6	Nevada 80 Cut Slope Stabilization	(Truckee River)	NA	N	-	1.3	0	-	SWPPP	E	21-Sep-16	17-Feb-21	04-Aug-21	15-Oct-25
113	033F280	Butte	070	8.8	11.8	5	Butte 70 Four Lane Widening	Honcutt Creek, (Feather River)	Y	TBD	-	133	98.3	6143.75%	SWPPP	C	10-Feb-17	01-Jun-18	01-Feb-19	01-Feb-20
114	033F360	Sacramento	050	0.2	6.1	5	SAC 50 HOV (I-5 to Watt Ave)	(Delta Waterways, northern portion), (American River)	N	N	N	-	-	-	TBD	C	15-Jul-16	15-Feb-17	15-Oct-17	01-Nov-20

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No.	EA	Project Location					Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	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) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
115	033F480	Placer	080	41.4	42.2	5	Gold Run Rest Area Replace Water Dist System	Canyon Creek	N	TBD	N	-	-	-	TBD	E	01-Nov-15	01-Oct-16	01-Sep-17	01-Nov-19
116	033F510	Yuba	020	18.19	20.23	5	Timbuctoo Shoulder Widening and Curve Improvements	Sanford Creek, (Yuba River)	Y	TBD	N	19.5	3	-	SWPPP	C	01-Sep-16	01-Apr-18	01-Nov-18	01-Nov-21
117	033F530	El Dorado	050	67.3	67.3	6	Sidehill Viaduct Bridge Replacement	ND	N	TBD	N	0.34	0.09	-	WPCP	E	05-Oct-18	14-Jun-19	14-Mar-20	07-Jan-22
118	033F540	Sacramento	099	4.98	8.81	5	Scour Mitigation	(American River)	NA	TBD	N	-	-	-	TBD	E	01-Nov-17	01-Jun-19	01-Mar-20	01-Oct-21
119	033F550	Yolo	275	13.07	13.07	5	Yolo 275 Tower Bridge Replace Bridge Fender System	(Sacramento River)	N	TBD	N	0	0	-	WPCP	E	25-Jan-18	16-Feb-19	11-Sep-19	29-Dec-21
120	033F560	Sutter	020	17	17	5	Feather River Bridge Scour Protection	(Feather River)	NA	TBD	N	-	-	-	TBD	E	15-Jul-16	-	01-Jul-18	01-Oct-19
121	033F570	Sacramento	012	0.38	0.38	5	Rio Vista Bridge Painting	(Delta Waterways, western portion)	N	N	N	0	0	-	WPCP	E	16-Aug-18	16-Jul-19	08-Apr-20	08-May-20
122	033F600	Sacramento	050	2.8	3.1	5	Ramona Ave. Extension	(American River)	N	-	-	-	-	-	TBD	C	01-Oct-12	-	-	01-Sep-17
123	033F680	Nevada	174	9.6	10.1	5	GV ADA Project	(Wolf Creek)	N	TBD	N	-	-	-	TBD	E	03-Jul-17	-	02-Sep-19	03-Feb-20
124	033F720	Yolo	128	8.5	9	5	Winters roundabout	(Putah Creek)	N	-	-	-	-	-	TBD	C	20-Oct-14	01-Aug-15	01-Dec-15	15-Jul-17
125	033F740	Placer	089	13.73	21.58	6	Truckee River Bike Trail	(Truckee River), (Squaw Creek)	N	TBD	N	-	-	-	TBD	E	01-Apr-16	-	01-May-17	01-Oct-17
126	033F750	Sacramento	051	1.4	2.6	5	Capitol City Freeway Ramp Improvements	(American River)	N	N	N	3.98	1.23	19.62%	SWPPP	C	01-Jun-18	01-Nov-19	31-Oct-20	01-Nov-22
127	033F760	Butte	191	6.8	8.6	5	Paradise - Road Realignment	Clear Creek	Y	Y	N	56.9	0.6	10.34%	SWPPP	C	18-May-15	01-Jun-16	20-Mar-17	01-Jan-19
128	033F800	Yuba	020	18.48	18.48	5	Yuba Cut Bank	(Yuba River)	NA	TBD	N	-	-	-	TBD	C	01-Jul-16	-	15-Feb-17	01-Mar-18
129	033F810	Sacramento	005	1	1	5	Upgrade Weather System	(Delta Waterways, eastern portion)	N	N	N	0	0	-	WPCP	E	20-Oct-17	29-Jun-18	15-Mar-19	31-Jan-20
130	033F820	Sacramento	005	1	1	5	Update Highway Advisory Radios (HAR)	(Delta Waterways, eastern portion)	N	N	N	0	0	-	WPCP	E	06-Apr-20	09-Aug-21	12-Jul-22	10-Jan-24
131	033F840	D03-Various	VAR	1	1	5	Upgrade Traffic Monitoring System	TBD	N	N	N	-	-	-	TBD	E	01-Jun-15	01-Dec-15	01-Aug-16	01-Oct-17
132	033F850	D03-Various	VAR	VAR	VAR	5	Riverfront/Streetcar Project	TBD	N	TBD	N	-	-	-	TBD	C	01-Oct-15	-	29-Nov-16	29-Nov-18
133	033F870	Placer	049	7.16	7.16	5	Placer 49 at Shale Ridge Rd, Install Traffic Signal	ND	N	N	N	-	-	-	TBD	E	03-Aug-16	-	01-May-17	02-Jul-18
134	033F880	Placer	049	2.25	2.3	5	Relocate Wall	(North Fork American River)	NA	TBD	N	-	-	-	TBD	E	01-Jun-16	-	01-May-17	01-Oct-18
135	033F920	Nevada	080	19	19.4	6	Replace Floriston Sand House	(Truckee River)	N	TBD	N	-	-	-	TBD	C	01-Feb-16	01-Jun-18	20-Mar-19	18-Dec-19
136	033F930	Sacramento	050	5.34	23.14	5	SAC/ED SR 50 Roadside Safety Improvements	(Lake Natoma), (American River)	N	TBD	N	-	-	-	TBD	C	01-Aug-15	25-Sep-16	03-May-17	03-May-18

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		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&E Date	PS&E Date	Start Date	End Date
137	033F940	Sacramento	099	8.51	22.4	5	SAC 99 Roadside Safety Improvements	(Cosumnes River), (Elk Grove Creek), (Morrison Creek)	N	N	N	-	-	-	SWPPP	C	27-May-15	04-Jan-17	15-Aug-16	01-Aug-17
138	033F990	Sutter	099	38.4	42.14	5	Live Oak Street Scape	(Live Oak Slough)	N	N	N	45	12	54.55%	SWPPP	C	01-Aug-17	01-Jul-19	01-Mar-20	01-Oct-21
139	034E170	Nevada	049	11.1	13.3	5	Widen SR 49 to Four-Lane Highway	(Wolf Creek)	NA	TBD	N	-	-	-	TBD	C	01-Jul-17	01-May-18	15-Jan-19	01-Oct-19
140	034E520	D03-Various	VAR	VAR	VAR	5, 6	Install Pony Express Auto Tour Route Highway Signs	TBD	N	TBD	N	-	-	-	TBD	E	-	-	01-Dec-15	18-Dec-17
141	034E620	El Dorado	050	22.01	24.1	5	Camino Safety Project Median Barrier and Undercrossing	Weber Creek	Y	TBD	N	26	8.3	54.61%	SWPPP	BS, 2 TST, 1	01-Sep-17	01-Mar-19	01-May-20	01-May-22
142	034E860	Placer	193	4.4	5.4	5	Curve Improvement and Widening	Auburn Ravine	Y	Y	N	8.4	2.3	71.88%	SWPPP	BS, 4	24-Apr-13	-	01-Nov-15	15-Feb-18
143	034E980	Butte	162	17.05	17.05	5	Oroville Manholes	ND	N	N	N	-	-	-	TBD	E	01-Nov-16	-	01-May-17	01-Nov-17
144	034F050	Butte	070	22.1	28.2	5	HMA Overlay	TBD	N	N	N	-	-	-	WPCP	E	01-Jun-16	01-Nov-16	01-Jun-17	01-Aug-18
145	034F060	Glenn	005	0	20	5	HMA Overlay	Logan Creek, Glenn Colusa Canal, Willow Creek, Wilson Creek, Walter Creek	N	N	N	-	-	-	WPCP	E	15-Jan-15	01-Oct-15	15-Apr-16	15-Nov-17
146	034F090	Sacramento	VAR	VAR	VAR	5	Bridge Deck Rehab and Rail Upgrade	TBD	NA	TBD	N	-	-	-	TBD	C	01-Oct-15	01-Apr-16	01-Nov-16	01-Dec-17
147	034F100	Sacramento	VAR	VAR	VAR	5	Seismic Retrofit	TBD	NA	TBD	N	-	-	-	TBD	E	28-Nov-16	09-May-22	20-Jun-22	31-Aug-23
148	034F110	D03-Various	162	43.5	84.2	5	Railing Upgrade for 19 Bridges	TBD	NA	TBD	N	-	-	-	TBD	E	01-Sep-18	15-Sep-19	15-Feb-21	01-Nov-22
149	034F170	Yolo	016	27.5	28.3	5	Esparto Pedestrian Improvements	(Winters Canal)	N	N	N	-	-	-	TBD	C	01-Mar-17	01-May-18	01-Feb-19	01-Nov-19
150	034F200	Sierra	049	15.21	15.21	5	Repair Embankment	(North Fork Yuba River)	NA	TBD	N	-	-	-	TBD	E	01-Sep-16	-	01-Jun-17	31-Dec-17
151	034F230	Placer	049	5.2	5.2	5	Luther Rd Crosswalk	ND	N	N	N	-	-	-	TBD	E	01-Sep-17	-	01-Jun-18	01-Jul-18
152	034F240	Sacramento	005	8.49	8.49	5	Reconstruct I-5 Hood Franklin Rd I/C	Stone Lakes	N	TBD	N	-	-	-	TBD	C	01-Jan-16	-	01-Feb-18	01-Sep-20
153	034F250	Placer	080	25.9	28.5	5	Culvert Rehab	Coyote Creek, Codfish Creek	NA	TBD	N	-	-	-	TBD	E	03-Jul-17	15-Nov-18	05-Sep-19	15-Nov-20
154	034F260	Butte	032	9.13	9.17	5	Ivy Street Signals	Little Chico Creek	N	N	N	-	0.04	1.21%	WPCP	E	06-Oct-17	02-Nov-18	28-Jun-19	12-Jan-24
155	034F290	Yolo	084	10	10.2	5	Reconstruct Northbound Lane	(Delta Waterways, northern portion)	N	TBD	N	-	-	-	TBD	C	01-Oct-16	-	01-Apr-17	01-Oct-17
156	034F320	Sacramento	099	11.6	11.6	5	Whitlock Parkway/SR99 Interchange	(Elk Grove Creek)	NA	TBD	N	-	-	-	TBD	C	20-Mar-18	-	01-May-19	15-Jan-23
157	034F370	Nevada	174	3	3.9	5	Shoulder Widening and Curve Improvements	(Rollins Reservoir)	NA	TBD	N	6.5	2.8	112.00%	SWPPP	C	01-Jul-16	01-Dec-17	01-Jul-18	01-Oct-19

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		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
158	034F380	Yuba	070	16.2	25.8	5	Yuba 70 Widen Shoulders and Improve CRZ	(Lower Feather)	N	TBD	N	6.5	6.5	14.98%	SWPPP	C	01-Dec-16	01-Dec-17	15-Aug-18	15-Oct-21
159	034F400	Sacramento	005	33.1	33.1	5	Weigh in Motion Station on SAC 5 Repair and Place Concrete Pavement	Natomas Main Drainage Canal	N	TBD	N	-	-	-	TBD	E	15-Feb-18	15-Jul-18	15-Feb-19	15-Feb-20
160	034F410	Sacramento	050	12.5	12.5	5	Video Display at the RTMC	ND	N	N	N	-	-	-	WPCP	E	01-Aug-15	01-Feb-16	01-Sep-16	01-Oct-17
161	034F420	Glenn	005	14.6	14.6	5	Willows SRRA	ND	N	N	N	-	-	-	TBD	C	08-Aug-18	15-Jun-19	15-Feb-20	01-Jun-21
162	034F430	Colusa	005	24.3	24.3	5	Maxwell SRRA	Unnamed	N	N	N	-	-	-	TBD	C	07-Jul-19	07-Jul-20	15-Feb-21	01-Jun-22
163	034F440	Sacramento	VAR	VAR	VAR	5	Upgrade CMS Panels to LED	ND	N	N	N	0.1	0.1	10.64%	WPCP	E	12-Jan-15	28-May-15	02-Dec-15	28-Jul-17
164	034F450	Sacramento	005	16.1	26.7	5	Installation of Fiber Optic Cable	TBD	N	TBD	N	-	-	-	TBD	E	15-Feb-16	15-Aug-16	15-May-17	01-Oct-18
165	034F460	Sacramento	050	0	5.1	5	Installation of Fiber Optics Communication Lines	(Natomas East Main Drainage Canal), (American River), (Delta Waterways, northern portion), (Sacramento River)	N	TBD	N	-	-	-	TBD	E	01-Feb-16	01-Aug-17	01-Apr-18	01-May-19
166	034F490	D03-Various	089	VAR	VAR	5, 6	Construct Truck Turnouts	TBD	NA	N	N	-	-	-	WPCP	C	01-Aug-15	15-Dec-15	01-Nov-16	01-Dec-17
167	034F580	Sacramento	005	33.7	33.7	5	Elkhorn SRRA Upgrades	Natomas Main Drainage Canal	N	N	N	-	-	-	TBD	C	09-Sep-17	08-Aug-18	15-Apr-19	15-Aug-20
168	034F600	Nevada	080	0	20	5, 6	Remove MBGR and Replace with Concrete Barrier	(Donner Lake), (Truckee River)	N	TBD	N	-	-	-	TBD	E	01-Aug-17	01-Oct-18	01-Apr-19	01-Nov-19
169	034F610	Sacramento	VAR	VAR	VAR	5	Upgrade MBGR, Add Concrete Barrier	TBD	N	TBD	N	-	-	-	TBD	E	02-Feb-17	02-Jan-18	02-Jan-20	10-Oct-20
170	034F630	D03-Various	VAR	VAR	VAR	5, 6	Upgrade MBGR	TBD	N	N	N	-	-	-	TBD	E	01-Aug-17	01-Aug-19	01-Apr-20	01-Dec-20
171	034F640	Sacramento	VAR	VAR	VAR	5	Upgrade MBGR, Add Concrete Barrier	TBD	N	N	N	-	-	-	TBD	E	01-Jun-17	01-Sep-18	01-May-19	01-Nov-19
172	034F650	Yolo	VAR	VAR	VAR	5	Yolo Pavement Rehab	(Delta Waterways, northern portion), (Sacramento River)	N	TBD	N	15	2	2.00%	SWPPP	C	01-Jun-17	01-Sep-18	01-Sep-19	01-Oct-22
173	034F660	Sacramento	050	8.9	8.9	5	Add Pedestrian Lighting to Routier Rd OC	ND	N	N	N	-	-	-	TBD	E	01-Sep-16	-	01-Jun-17	01-Jul-17
174	034F680	Yuba	070	13.6	14.1	5	Install Bicycle Railing and Upgrade Pedestrian Ramp	(Yuba River)	N	N	N	-	-	-	TBD	E	15-Apr-16	15-Oct-16	01-May-17	01-Oct-18
175	034F690	Yuba	070	8	8.2	5	Remove and Replace Concrete Ditch Lining	TBD	N	TBD	N	-	-	-	TBD	C	01-Oct-16	01-Feb-17	30-Jul-17	01-Aug-18

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		Co.	Route	Begin PM	End PM	RB <sup>9</sup>											PA&ED Date	PS&E Date	Start Date	End Date
176	034F730	D03-Various	VAR	VAR	VAR	5	Install Ramp Meters on I5, 99, 65, and I-80	(Delta Waterways, northern portion), (American River), South Branch Pleasant Grove Creek, Secret Ravine, Putah Creek	N	N	N	9.7	4.1	120.59%	SWPPP	C	12-Nov-17	19-Feb-19	02-Nov-19	01-Dec-21
177	034F740	Nevada	049	23.2	32.6	5	HMA Overlay	ND	N	N	N	-	-	-	WPCP	E	16-Jul-21	26-Dec-23	05-Feb-24	17-Apr-28
178	034F750	Sacramento	005	VAR	VAR	5	Install ramp meters at various locations on I-5	TBD	N	N	N	-	-	-	TBD	E	01-Dec-18	01-Aug-23	01-Apr-24	01-Dec-23
179	034F770	Sacramento	016	1.78	4.16	5	PSSR to Relinquish Existing State Highway to County	ND	N	N	N	-	-	-	TBD	E	01-Oct-19	-	-	01-Dec-22
180	034F790	Yuba	020	19.82	19.99	5	Repave Connections and Repair Digouts	ND	N	N	N	-	-	-	TBD	E	01-Sep-16	-	01-Jun-17	01-Jul-17
181	034F800	Butte	032	8.8	9.4	5	Upgrade/Install ADA infrastructure	Little Chico Creek	N	N	N	-	-	-	TBD	E	01-Jul-17	01-Jul-18	01-Apr-19	15-Nov-20
182	034F810	Glenn	032	0	0.7	5	Upgrade/Install ADA infrastructure	Unnamed Canal	N	N	N	-	-	-	TBD	E	01-Aug-17	01-Aug-19	01-Apr-20	01-Dec-20
183	034F830	Yolo	005	0.4	29	5	Yolo 5 Roadside Safety Slope and Gore Paving	(Sacramento River), (Tule Canal), (Cache Creek)	N	TBD	N	-	-	-	TBD	E	02-Feb-15	10-Aug-15	02-May-16	04-Dec-17
184	034F840	El Dorado	050	70.621	70.621	6	Meyers Intersection Improvements	(Truckee River)	NA	TBD	N	-	-	-	TBD	C	01-Aug-16	15-Nov-17	05-Sep-18	20-Mar-20
185	034F970	Sierra	089	0.15	11.3	5, 6	Construct Turnouts	Independence Creek, Little Truckee River, Cold Stream, Cottonwood Creek, Stampede Reservoir	N	N	N	-	-	-	TBD	C	01-Aug-15	01-Nov-15	01-Nov-16	01-Dec-17
186	034M450	Nevada	020	25.8	32	5	Culvert Rehabilitation	North Fork Deer Creek	N	N	N	-	-	-	WPCP	E	30-Jan-14	-	01-Mar-16	01-Nov-17
187	034M460	Sierra	089	15.8	28.1	5	Culvert Rehabilitation	Sulphur Creek, Fletcher Creek, Berry Creek, Sierra Valley Channels, Perry Creek	N	N	N	-	-	-	WPCP	E	07-Jul-15	-	18-Dec-15	06-Nov-17
188	034M870	Nevada	VAR	VAR	VAR	5, 6	Replace Damaged Fence	TBD	N	N	N	-	--	-	WPCP	E	01-Sep-15	-	01-Apr-16	01-Nov-17
189	034M880	Nevada	080	14.8	16.4	6	...	(Truckee River)	NA	-	-	-	-	-	TBD	E	01-Jul-16	-	01-Jun-17	01-Nov-18
190	034M940	Sierra	049	10.3	12.4	5	Replace MBGR	(North Fork Yuba River)	N	N	N	-	-	-	WPCP	E	01-Jul-15	-	01-Apr-16	01-Nov-17

<b>Treatment Control Status Legend</b>	
<b>BMP Device Types:</b>	
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 3 Anticipated Significant Road Maintenance Activities*

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected <sup>10</sup>	Other Regional Water Board Permits Required <sup>11</sup>	Potential and Actual Impacts of Project's Discharge <sup>12</sup>	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) <sup>13</sup>	Post-Construction Treatment Control Type, Quantity <sup>14</sup>	Start Date	Completion Date
1	ED	50	51.0	51.6	6	EA 1F9401 Replace Underdrain	NA	NA	NA	TBD	TBD	TBD	WPCP	TBD	2016	2016
2	ED	89	8.2	-	6	EA 1F5201 Repair Salt, Sand Brine House	NA	NA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
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

<sup>10</sup> 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.”

<sup>11</sup> 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.

<sup>12</sup> 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.

<sup>13</sup> A description of the Construction Controls is available in the project’s Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Program (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.

<sup>14</sup> 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 monitoring activities.

*Table 6-3: District 3 Monitoring Activities*

<b>Statewide Monitoring Program Activities</b>
<p>The District plans to:</p> <ul style="list-style-type: none"><li>• Conduct monitoring activities for compliance with the Lake Tahoe TMDL and as part of the implementation of the Lake Clarity Crediting Program (LCCP). This includes field data collection, analysis and reporting activities, the application of various associated modeling and registration tools, and the preparation of an updated Pollutant Load Reduction Plan (PLRP).</li><li>• Conduct monitoring activities in the Lake Tahoe Basin to verify the accuracy and validity of the field observation and data management tool, Road Rapid Assessment Method (Road RAM), as well as to build upon previous monitoring studies that were conducted to demonstrate water quality benefits and potential pollutant load reductions associated with the use of improved abrasives. In support of this effort, a series of comprehensive verification and monitoring activities will be conducted in the Lake Tahoe Basin.</li></ul>

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## **7 Region-Specific Activities**

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Section 7 of the DWP identifies the applicable region-specific activities that District 3 has planned for the fiscal year to comply with Attachment V of the 2012 NPDES Permit.

### **Lahontan Region**

#### **Numeric Sizing for Stormwater Treatment Control BMPs**

Where storm water runoff is determined to have connectivity to surface waters and/or is not adequately infiltrated or treated by the natural environment, storm water/urban runoff collection, treatment, and/or infiltration disposal facilities shall be designed, installed, and maintained by the 20-year, one hour design storm within the Truckee River Hydrologic Unit (3/4 in of rain).

#### **Natural Environment as Treatment (NEAT) Treatment Control Design**

It is the intent that the Natural Environment As Treatment (NEAT) Report will serve as the basis for Lahontan Regional Board and Caltrans District 3 to develop a consensus-based approach for the prioritization and selection of water quality improvements for state highways within the Lake Tahoe and Truckee River Hydrologic Units.

The NEAT Report includes a summary of design recommendations for existing and future water quality improvement projects located within the Lake Tahoe and Truckee River Hydrologic Units; and step-by-step processes for Caltrans and Regional Board staff to utilize during project scoping, approval, and design. Water quality treatment recommendations, provided herein, are consistent with the current Project Planning and Design Guide (PPDG) as well as the Regional Board's region-specific requirements in the Caltrans NPDES Permit. In addition, the established NEAT process is not intended to replace existing Caltrans project development procedures and processes, but is intended to supplement them.

#### **Vegetation Removal or Existing Ground Surface Disturbance Prohibition**

Unless granted a variance by Lahontan Regional Board Executive Officer, vegetation is neither removed nor existing ground surface disturbed between October 15 and May 1, except when there is an emergency situation that threatens the public health or welfare or, when there is a variance granted from the Lahontan Regional Board. This prohibition period applies to the Lake Tahoe and Truckee River Hydrologic Units (Attachment V of Order 2012-0011-DWQ).

#### **Project Review Requirements**

District 3 NPDES staff and Construction Stormwater staff meet regularly with Lahontan Regional Board staff to participate in early project design consultation for all projects within the Lake Tahoe and Truckee River Hydrologic Units. Lahontan Regional Board staff review at the 20 to 30 percent (prior to Project Approval and Environmental Document), the 60 percent, and the 90 percent (Plans, Specifications, and Estimates) design levels.

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