

## Certification Order Amendment Conditions and Project Information

### Project History

On December 17, 2001, the State Water Resources Control Board (State Water Board) issued a Certification Order for the Interstate 80 Rehabilitation Project (Project). The California Department of Transportation (Caltrans) petitioned the Certification Order on January 16, 2002. Caltrans put its petition into abeyance pending agency staff discussions, and the Project was subsequently put on hold due to the state budgetary crisis.

Since 2001, the Project has been divided into three phases (see table below) for funding purposes. Caltrans has informed the State Water Board that it had obtained funding for the Phase 1 portion of the Project and expected to start Phase 1 construction in August 2007.

### Locations of Each Phase of the Project

Phases	Location	Regional Water Board Jurisdiction
Phase 1	PM EB 10.64 to PM 15.5 PM WB 9.1 to PM 15.5	Lahontan
Phase 2	PM 2.5 to PM 5.6	Central Valley Sacramento
Phase 3	West Bound PM 5.6 to PM 9.1 East Bound PM 5.6 To PM 11.2	Both Lahontan and Central Valley Sacramento

In 2006, Caltrans provided the State Water Board with a modified design, impact area, and mitigation plan for Phase 2. The State Water Board issued an Amendment for Caltrans' water quality certification on March 26, 2007.

Caltrans expects to revise Phase 3 of the Project in the future. The State Water Board will re-consider the December 17, 2001 Certification Order when modification details for Phase 3 become available, including a revised Mitigation Plan, Best Management Plan, and adequate California Environmental Quality Act analysis for each phase.

### Project Changes to Phase I

Caltrans has provided the State Water Board with a modified design, impact area (see table below), and mitigation plan documentation for the Phase 1 portion of the Project. Therefore, this Amendment applies only to the Phase 1 portion of the Project. All terms and conditions of the December 17, 2001 Certification Order remain in effect for Phase 3.

## Changes to the Wetlands Located at the Eastern End of the Project

Design Phase	Water Type	Temporary Impacts	Permanent Impacts
Original	Other Waters	.05 Acre	.07 Acre
	Wetlands	.09 Acre	.28 Acre
Current Design	Other Waters	.06 Acre	.11 Acre
	Wetlands	.21 Acre	.10 Acre

Project drainage system changes are limited to the eastern end of the project. Geotechnical investigations showed that construction of underground piping in these areas would be very difficult since the fill material consists of granite bedrock or granite boulders. Due to the required blasting of bedrock materials, Interstate 80 would have been closed for prolonged periods of time.

The underground piping has been replaced with a surface double ditch design. This design separates the storm water flows by catching the surface storm water from the highway and carries it to Best Management Practice (BMP) systems. The outside ditch will carry off-site storm water to the existing drainage systems. The eastern end of the Project will remove and replace pavement at grade, with no widening or change in the actual existing footprint of the project.

The BMPs will consist of traction sand traps/vaults and detention basins. Traction sand traps or traction sand vaults are sediment devices that temporarily detain runoff and allow traction sand that was previously applied to snowy or icy roads to settle out. There are 53 sand traps and 55 sand vaults proposed to be installed as part of this Project. The sand vaults will provide storage for both the water quality volume and sand volume. The sand vaults will provide weep holes in the bottom to allow for the vaults to drain. The design includes two detention basins. Detention devices are permanent treatment BMPs designed to reduce the sediment and particulate loading in runoff from the water quality design storm. The discharges from the traps/vaults and detention basins will enter existing drainage courses, which eventually flow into either Donner Lake or Donner Creek.

### 401 Wetland Certification Additions and Deletions

#### Standard Conditions

The Standard Conditions included in the December 17, 2001 Certification Order remain in effect.

#### Special Condition Added

- In-Stream Work requires that all in-water work shall be conducted during low flow conditions.

Special Condition Deleted

- Storm Water Pollution Prevention Plan requirements are deleted.

Due to the changes in the project plans where the total impacts to wetlands have decreased by .01 acre, and the permanent impacts by .14 acre, no additional Special Conditions have been added.

**Project Information Sheet**

1.	<b>Applicant &amp; Agent</b>	California Department of Transportation (Caltrans), District 3.
2.	<b>Project Name and Purpose</b>	December 17, 2001 Water Qualification Certification Order for Interstate-80 Rehabilitation Project in Nevada County: Amendment No. 1 regarding Project Phase 1.  This Amendment is for Phase 1 portion (from the Donner Lake interchange to approximately the Donner Pass Road interchange), or East bound Post Mile (PM) 10.64 to PM 15.5 and West bound PM 9.1 to PM 15.5) of the Project. The Project work includes overlaying the existing pavement; increasing the shoulder width; adding segments of concrete barrier; rehabilitating drainage systems including replacing and lining culverts; adding storm water quality measures including basis systems and sand traps; constructing retaining walls; installing rock fall prevention measures; and extending the truck climbing lane.
3.	<b>Receiving Water(s) Name</b>	Donner Lake and Donner Creek.
4.	<b>Hydrologic Unit(s)</b>	
5.	<b>Latitude/Longitude</b>	
6.	<b>Water Body Type(s) &amp; Area of Filled / Excavated Waters (Acres)</b>	Ephemeral and perennial drainages.
7.	<b>Dredge Volume (CY)</b>	It is not a dredging project.
8.	<b>Federal Permit(s)</b>	Nationwide Permit 23.

9.	Non-Compensatory Mitigation	Measures for minimizing temporary impacts include implementing temporary erosion controls to the disturbed construction areas during construction and at the end of each construction period. Caltrans will also apply permanent erosion control measures to all disturbed project areas as required by storm water permits. Native vegetation will be planted at each specific location. The planting areas will be maintained and monitored for five years as specified in the details of the Mitigation Plan dated May 2007. Refer to project specification for more detailed Best Management Practices.
10.	Compensatory Mitigation	<p>The Phase 1 Project will result in 0.27 acres of temporary impact to wetlands and waters.</p> <p>The Phase 1 Project will also result in 0.21 acres permanent loss of seasonal wetland and other waters.</p> <p>Caltrans is proposing to mitigate the loss of 0.31 acre of wetlands (0.10 permanent, 0.21 temporary), and 0.17 acres of other waters (0.11 permanent, 0.06 temporary) at the 1.5:1 ratio</p>
11.	Optional Additional Information	<p>State Water Board file number: 3056.01.02.</p> <p>Army file number: 00100227.</p> <p>County: Nevada County.</p>