



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Agency Secretary

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Arnold Schwarzenegger  
Governor

320 W. 4th Street, Suite 200, Los Angeles, California 90013  
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Paul Caron  
California Department of Transportation  
100 South Main Street, Suite 100  
Los Angeles, CA 90012

### **WATER QUALITY CERTIFICATION FOR PROPOSED Route 5/Route 14 HOV CONNECTOR PROJECT (Corps' Project No. 2006-00852-PHT), TRIBUTARY TO BULL CREEK, CITY OF LOS ANGELES, LOS ANGELES COUNTY (File No. 06-074)**

Dear Mr. Caron:

Regional Board staff has reviewed your request on behalf of California Department of Transportation (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on March 7, 2007.

I hereby issue an order certifying that any discharge from the referenced project will comply with the applicable provisions of sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards) of the Clean Water Act, and with other applicable requirements of State law. This discharge is also regulated under State Water Resources Control Board Order No. 2003 - 0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges that have received State Water Quality Certification" which requires compliance with all conditions of this Water Quality Certification.

The Applicant shall be liable civilly for any violations of this Certification in accordance with the California Water Code. This Certification does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this Certification action, please contact Dana Cole, Section 401 Program, at (213) 576-5733.

\_\_\_\_\_  
[Original Signed By]  
Jonathan S. Bishop  
Executive Officer

\_\_\_\_\_  
March 29, 2007  
Date

**California Environmental Protection Agency**



*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

## DISTRIBUTION LIST

Oscar Balaguer  
State Water Resources Control Board  
Division of Water Quality  
P.O. Box 944213  
Sacramento, CA 94244-2130

Betty Courtney  
California Department of Fish and Game  
Streambed Alteration Team  
4949 View Ridge Avenue  
San Diego, CA 92123

Phuong Trinh/Jason Lambert  
U.S. Army Corps of Engineers  
Regulatory Branch, Los Angeles District  
P.O. Box 532711  
Los Angeles, CA 90053-2325

Eric Raffini  
U.S. Environmental Protection Agency  
600 Wilshire Boulevard, Suite 1460  
Los Angeles, CA 90017

Dave Smith  
Supervisor, Wetlands Regulatory Office (WTR-8)  
US EPA, Region 9  
75 Hawthorne  
San Francisco, CA 94105

Ken Berg  
U.S. Fish and Wildlife Service  
6010 Hidden Valley Road  
Carlsbad, CA 92009

## ATTACHMENT A

### Project Information File No. 06-074

1. Applicant: California Department of Transportation  
100 South Main Street, Suite 100  
Los Angeles, CA 90012  
  
Phone: (213) 897-0610 Fax: (213) 897-0685
2. Applicant's Agent: Paul Caron
3. Project Name: Route 5/Route 14 HOV Connector Project
4. Project Location: Los Angeles, Los Angeles County  
Longitude: 118.4999; Latitude: 34.3221  
Longitude: 118.4986; Latitude: 34.3213  
Longitude: 118.4974; Latitude: 34.3206  
Longitude: 118.4998; Latitude: 34.3222  
Longitude: 118.4983; Latitude: 34.3215  
Longitude: 118.4972; Latitude: 34.3208
5. Type of Project: Freeway construction
6. Project Purpose: The proposed project will construct a connector two-lane high occupancy vehicle (HOV) between Route 5 and Route 14 (Freeways) to provide system continuity between the (proposed) HOV lanes on the Freeways.
7. Project Description: The project involves widening the West Sylmar Overhead, where Route 5 crosses over San Fernando Road, railroad tracks and an unnamed drainage originating in Weldon Creek. The widening of the overhead structure requires the construction of two sets of 3 columns, parallel to the drainage. In order to avoid the placement of the new columns in the unnamed drainage, the drainage will be realigned slightly to the west. However, one of the columns will be placed on the upper bank of the realigned drainage well above the ordinary high water mark.

## ATTACHMENT A

### Project Information File No. 06-074

8. Federal Agency/Permit: U.S. Army Corps of Engineers  
NWP Nos. 14 & 33 (Permit No. 2006-00852-PHT)
9. Other Required Regulatory Approvals: California Department of Fish and Game  
Streambed Alteration Agreement
10. California Environmental Quality Act Compliance: The California Department of Transportation (Caltrans) approved a Negative Declaration for the project on December 28, 2000.
11. Receiving Water: Tributary to Bull Creek (Hydrologic Unit No. 405.21)
12. Designated Beneficial Uses: MUN\*, GWR, REC-1, REC-2, WARM, WILD  
\*Conditional beneficial use
13. Impacted Waters of the United States: Federal jurisdictional wetlands: 0.00 temporary and 0.097 permanent acres (264 linear feet).  
Non-wetland waters (unvegetated streambed): 0.00 temporary and 0.097 permanent acres (264 linear feet).
14. Dredge Volume: None
15. Related Projects Implemented/to be Implemented by the Applicant: The Applicant is currently in construction on a project to widen the West Sylmar Overhead at the same location as the proposed project. The proposed project will continue to widen the Overhead to accommodate the HOV lanes.

## ATTACHMENT A

### Project Information File No. 06-074

#### 16. Avoidance/ Minimization Activities:

The Applicant has proposed to implement several Best Management Practices, including, but not limited to, the following:

- Silt fencing will be placed below the toe of slopes, down slope of exposed soil areas, around temporary stockpiles, as required.
- Soil Binders such as hydraulic mulch, straw mulch, fiber rolls, straw bale barriers, and hydroseeding will be used for slope stabilizing.
- A surface water diversion plan will be incorporated using an arch cover during the channel realignment so that fill will not enter active flow.
- Storm drain inlet protection will be implemented at drain inlets as necessary.
- Outlet protection and velocity dissipation devices will be used at outlets and an apron will be designed at the outlet of a length appropriate to the outlet flow and water level.
- Stabilized construction entrances for vehicles will be used so that debris cannot be tracked onto public roads or adjacent to water bodies.
- Check dams, sandbag barriers and energy dissipation devices will be incorporated.
- Hydrocarbon spill prevention and control measures will be maintained on the worksite to prevent contamination of surface waters.

#### 17. Proposed Compensatory Mitigation:

The Applicant has proposed to restore 0.037 acres of wetland habitat onsite, and 0.486 acres offsite, for a total of 0.523 acres of wetland restoration. The Applicant has proposed to provide funding to a third party organization through an in-lieu transfer for 0.486 acres of wetland restoration.

Additionally, the Applicant proposes to create 0.112 acres of unvegetated streambed onsite.

## ATTACHMENT A

### Project Information File No. 06-074

18. Required  
Compensatory  
Mitigation:

The Applicant shall provide mitigation for permanent impacts to 0.097 acres of wetlands at 5:1 (0.485 acres), and for permanent impacts to 0.97 acres of unvegetated streambed at 3:1 (0.291 acres).

See *Attachment B Conditions of Certifications, Additional Conditions* for modifications and additions to the above proposed compensatory mitigation.

## ATTACHMENT B

### Conditions of Certification File No. 06-074

#### STANDARD CONDITIONS

Pursuant to §3860 of Title 23 of the California Code of Regulations (23 CCR), the following three standard conditions shall apply to this project:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to §13330 of the California Water Code and Article 6 (commencing with 23 CCR §3867).
2. This Certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to 23 CCR Subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. Certification is conditioned upon total payment of any fee required pursuant to 23 CCR Chapter 28 and owed by the Applicant.

#### ADDITIONAL CONDITIONS

Pursuant to 23 CCR §3859(a), the Applicant shall comply with the following additional conditions:

1. The Applicant shall submit to this Regional Board copies of any other final permits and agreements required for this project, including, but not limited to, the U.S. Army Corps of Engineers' (ACOE) Section 404 Permit and the California Department of Fish and Game's (CDFG) Streambed Alteration Agreement. **These documents shall be submitted prior to any discharge to waters of the State.**
2. The Applicant shall adhere to the most stringent conditions indicated with either this certification, the CDFG's Streambed Alteration Agreement, or the ACOE Section 404 Permit.
3. The Applicant shall comply with all water quality objectives, prohibitions, and policies set forth in the *Water Quality Control Plan, Los Angeles Region (1994)*.
4. The Avoidance/Minimization activities proposed by the Applicant as described in Attachment A, No. 16, are incorporated as additional conditions herein.

## **ATTACHMENT B**

### **Conditions of Certification File No. 06-074**

5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, the approved maintenance plan, and all other regulatory approvals for this project on site at all times and shall be familiar with all conditions set forth.
6. Fueling, lubrication, maintenance, operation, and storage of vehicles and equipment shall not result in a discharge or a threatened discharge to waters of the State. At no time shall the Applicant use any vehicle or equipment which leaks any substance that may impact water quality. Staging and storage areas for vehicles and equipment shall be located outside of waters of the State.
7. All excavation, construction, or maintenance activities shall follow best management practices to minimize impacts to water quality and beneficial uses. Dust control activities shall be conducted in such a manner that will not produce downstream runoff.
8. No construction material, spoils, debris, or any other substances associated with this project that may adversely impact water quality standards, shall be located in a manner which may result in a discharge or a threatened discharge to waters of the State. Designated spoil and waste areas shall be visually marked prior to any excavation and/or construction activity, and storage of the materials shall be confined to these areas.
9. All waste and dredged material removed shall be relocated to a legal point of disposal if applicable. A legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and is in full compliance therewith. Please contact Rodney Nelson, Land Disposal Unit, at (213) 620-6119 for further information.
10. The Applicant shall implement all necessary control measures to prevent the degradation of water quality from the proposed project in order to maintain compliance with the Basin Plan. The discharge shall meet all effluent limitations and toxic and effluent standards established to comply with the applicable water quality standards and other appropriate requirements, including the provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act. This Certification does not authorize the discharge by the applicant for any other activity than specifically described in the 404 Permit.
11. The discharge shall not: a) degrade surface water communities and populations including vertebrate, invertebrate, and plant species; b) promote the breeding of mosquitoes, gnats, black flies, midges, or other pests; c) alter the color, create visual contrast with the natural appearance, nor cause aesthetically undesirable discoloration of the receiving waters; d) cause formation of sludge deposits; or e) adversely affect any designated beneficial uses.



## ATTACHMENT B

### Conditions of Certification File No. 06-074

12. The Applicant shall allow the Regional Board and its authorized representative entry to the premises, including all mitigation sites, to inspect and undertake any activity to determine compliance with this Certification, or as otherwise authorized by the California Water Code.
13. Application of pesticides must be supervised by a certified applicator and be in conformance with manufacturer's specifications for use. Compounds used must be appropriate to the target species and habitat. All pesticides directed toward aquatic species must be approved by the Regional Board. Pesticide utilization shall be in accordance with State Water Resources Control Board Water Quality Order Nos. 2004-0008-DWQ and 2004-0009-DWQ.
14. The Applicant shall not conduct any construction activities within waters of the State during a rainfall event. The Applicant shall maintain a **five-day (5-day) clear weather forecast** before conducting any operations within waters of the State. If rain is predicted, grading activities must cease immediately and the site must be stabilized to prevent impacts to water quality, and minimize erosion and runoff from the site. The Applicant shall not conduct any maintenance activities within waters of the State during a rainfall event, or at any period when site conditions would lead to excessive erosion. If any maintenance activities are to be held within five (5) days of a predicted rainfall event, the Applicant shall stage materials necessary to prevent water degradation on site, and shall ensure that all stabilization procedures are completed prior to the rainfall event.
15. Sediment removal at each phase shall not go beyond the extent as defined in the application packet.
16. The grading, stabilization and re-vegetation will be phased to limit the exposed or working face such that the graded area can be stabilized within 24 hours after the first prediction of rain during the 5-day forecast or within 24 hours after final grading of the phased area.
17. The Applicant shall utilize the services of a qualified biologist with expertise in riparian assessments during all construction activities where clearing involves areas to be partially cleared (i.e. some vegetation is to remain in the same reach or in an adjacent reach). The biologist shall be available on site during construction activities to ensure that all protected areas are marked properly and ensure that no vegetation outside the specified areas is removed. The biologist shall have the authority to stop the work, as necessary, if instructions are not followed. The biologist shall be available upon request from this Regional Board for consultation within 24 hours of request of consultation.
18. No activities shall involve wet excavations (i.e., no excavations shall occur below the seasonal high water table). A minimum **5-foot** buffer zone shall be maintained above the existing groundwater level. If construction or groundwater dewatering is proposed or anticipated, the Applicant shall file a **Report of Waste Discharge** to this Regional Board

## ATTACHMENT B

### Conditions of Certification File No. 06-074

and obtain any necessary NPDES permits/Waste Discharge Requirements prior to discharging waste. Sufficient time should be allowed to obtain any such permits (generally 180 days). If groundwater is encountered without the benefit of appropriate permits, the Applicant shall cease all activities in the areas where groundwater is present, file a Report of Waste Discharge to this Regional Board, and obtain any necessary permits prior to discharging waste.

19. All project, construction, or maintenance activities not included in this Certification, and which may require a permit, must be reported to the Regional Board for appropriate permitting. Bank stabilization and grading, as well as any other ground disturbances, are subject to restoration and revegetation requirements, and may require additional Certification action.
20. All surface waters, including ponded waters, shall be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. If surface water diversions are anticipated, the Applicant shall develop and submit a **Surface Water Diversion Plan** (plan) to this Regional Board. The plan shall include the proposed method and duration of diversion activities, structure configuration, construction materials, equipment, erosion and sediment controls, and a map or drawing indicating the locations of diversion and discharge points. Contingency measures shall be a part of this plan to address various flow discharge rates. The plan shall be submitted prior to any surface water diversions. If surface flows are present, then upstream and downstream monitoring for the following shall be implemented:
  - pH
  - temperature
  - dissolved oxygen
  - turbidity
  - total suspended solids(TSS)
  - Downstream TSS shall be maintained at ambient levels
  - Where natural turbidity is between 0 and 50 Nephelometric Turbidity Units (NTU), increases shall not exceed 20%. Where natural turbidity is greater than 50 NTU, increases shall not exceed 10%.

Analyses must be performed using approved US Environmental Protection Agency methods, where applicable. These constituents shall be monitored for on a daily basis during the first week of diversion and/or dewatering activities, and then on a weekly basis, thereafter, until the in-stream work is complete.

Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. Diversion activities shall not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Any

## ATTACHMENT B

### Conditions of Certification File No. 06-074

such violations may result in corrective and/or enforcement actions, including increased monitoring and sample collection.

21. The Applicant shall restore all areas of TEMPORARY IMPACTS to waters of the United States and all other areas of temporary disturbance which could result in a discharge or a threatened discharge to waters of the State. Restoration shall include grading of disturbed areas to pre-project contours and revegetation with native species. The Applicant shall implement all necessary Best Management Practices to control erosion and runoff from areas associated with this project.
22. The Applicant shall provide compensatory mitigation for the proposed permanent impacts to **0.097 acres** of vegetation within waters of the United States/Federal jurisdictional wetlands by restoring riparian habitat/Federal jurisdictional wetland habitat at a minimum **5:1** area replacement ratio (**0.485 acres**). For impacts to **0.97 acres** of unvegetated streambed, the Applicant shall restore **0.291 acres (3:1)**.
23. The Applicant proposes to restore 0.037 acres of jurisdictional wetland and 0.112 acres of unvegetated streambed onsite. The Applicant proposes to provide funding to a third-party organization for the restoration of 0.486 acres of wetland habitat within waters of the United States/Federal jurisdictional wetlands. The Applicant must provide for an additional 0.179 acres (0.291 acres required - 0.112 acres proposed) of unvegetated streambed. Funding shall apply to mitigation acreage only, exclusive of administrative costs. The mitigation site shall be located within the Los Angeles River Watershed unless otherwise approved by this Regional Board. The Applicant shall submit a **Proposed Mitigation Report** which shall include:
  - (a) Documentation from the third party indicating that funds have been used for mitigation acreage only, which do not include administrative costs.
  - (b) The boundary of the mitigation site shall be clearly identified on a map of suitable resolution and quality and shall also be defined by latitude and longitude.
  - (c) The type(s) of mitigation shall be described (e.g., removal of exotics and/or replanting with native species, etc.)
  - (d) Success criteria shall be established.

**This information shall be submitted to this Regional Board for approval prior to any disturbance within waters of the United States** and shall include copies of all agreements made between the Applicant and a third party organization regarding compensatory mitigation efforts.

24. All open space and mitigation areas shall be placed within a conservation easement to ensure preservation in perpetuity. Documentation of proper easement placement shall be submitted to the Regional Board within one year.

## ATTACHMENT B

### Conditions of Certification File No. 06-074

25. The Applicant shall submit to this Regional Board **Annual Mitigation Monitoring Reports** by **January 1<sup>st</sup>** of each year for a minimum period of **five (5) years** after planting or until mitigation success has been achieved. The report shall describe in detail all of the project/construction activities performed during the previous year and all restoration and mitigation efforts; including percent survival by plant species and percent cover. This report shall include as a minimum, the following documentation:
- (e) Color photo documentation of the pre- and post-project and mitigation site conditions;
  - (f) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project and mitigation areas;
  - (g) The overall status of project including a detailed schedule of work;
  - (h) Copies of all permits revised as required in Additional Condition 1;
  - (i) Water quality monitoring results for each reach (as required) compiled in an easy to interpret format;
  - (j) A certified Statement of “no net loss” of wetlands associated with this project;
  - (k) Discussion of any monitoring activities and exotic plant control efforts; and
  - (l) A certified Statement from the permittee or his/her representative that all conditions of this Certification have been met.
26. Prior to any subsequent maintenance activities within the subject drainages, including clearing, maintenance by-hand, and the application of pesticides, the Applicant shall submit to this Regional Board a NOTIFICATION of any such activity. Notification shall include: (a) the proposed schedule; (b) a description of the drainage’s existing condition and capacity; (c) the area of proposed temporary impact within waters of the State; (c) a description of any existing aquatic resources (e.g., wetland and riparian vegetation); and (d) any proposed compensatory mitigation. Notifications must be submitted a minimum of **three (3) weeks** prior to commencing work activities.
27. All applications, reports, or information submitted to the Regional Board shall be signed:
- (a) For corporations, by a principal executive officer at least of the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates.



## ATTACHMENT B

### Conditions of Certification File No. 06-074

32. Coverage under this Certification may be transferred to the extent the underlying federal permit may legally be transferred and further provided that the Applicant notifies the Executive Officer at least 30 days before the proposed transfer date, and the notice includes a written agreement between the existing and new Applicants containing a specific date of coverage, responsibility for compliance with this Certification, and liability between them.
33. The Applicant or their agents shall report any noncompliance. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
34. *Enforcement:*
  - (a) In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.
  - (b) In response to a suspected violation of any condition of this Certification, the State Water Resources Control Board (SWRCB) or Regional Water Quality Control Board (RWQCB) may require the holder of any permit or license subject to this Certification to furnish, under penalty of perjury, any technical or monitoring reports the SWRCB deems appropriate, provided that the burden, including costs, of the reports shall be a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
  - (c) In response to any violation of the conditions of this Certification, the SWRCB or RWQCB may add to or modify the conditions of this Certification as appropriate to ensure compliance.
35. This Certification shall expire five (5) years from date of this Certification. The Applicant shall submit a complete application prior to termination of this Certification if renewal is requested.