



California Regional Water Quality Control Board

Colorado River Basin Region



Linda S. Adams
Secretary for
Environmental Protection

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Arnold Schwarzenegger
Governor

April 14, 2010

Craig Wentworth
Department of Transportation
464 West 4th Street
San Bernardino, CA 92401

**RE: ORDER FOR TECHNICALLY-CONDITIONED CLEAN WATER ACT SECTION 401
WATER QUALITY CERTIFICATION FOR DISCHARGE OF DREDGED AND/OR
FILL MATERIALS**

PROJECT: Colorado River Bridge Replacement Project

APPLICANT: Department of Transportation

- ACTION:**
1. Order for Standard Certification
 2. Order for Technically-Conditioned Certification
 3. Order for Denial of Certification

STANDARD CONDITIONS:

The following standard conditions apply to all certification actions, except as noted above under Action 3 for denials.

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).
2. This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility 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 section 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. The validity of any non-denial certification action (Actions 1 and 2) shall be conditioned upon total payment of the full fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency.

California Environmental Protection Agency

4. 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 Clean Water Act (CWA) section 401(d), 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 Water Quality Certification (WQC).
 - a. In response to a suspected violation of any condition of this WQC, the Regional Water Quality Control Board (Regional Water Board) 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 Regional Water Board deems appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
 - b. In response to any violation of the conditions of this WQC, the Regional Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.

ADDITIONAL CONDITIONS:

The following additional conditions apply to this certification:

1. This WQC applies towards the proposed project as described in the 401 application received by the Regional Water Board on April 12, 2010. The Applicant shall provide the Regional Water Board and other interested agencies with written notification of any significant modifications made to the project prior to implementation of the modifications.
2. This WQC does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
3. This WQC does not authorize the Applicant or any associated party to trespass on any land or property unless the applicant has obtained written authorization or acquired a special use authorization permit from the land or property owner.
4. A copy of this WQC shall be provided to the appropriate onsite Supervisor for the Project. All personnel performing work on the proposed project shall be familiar with the content of this WQC. Copies of the WQC shall be readily available at the project site at all times during periods of active work and shall be presented to regulatory agency representatives upon request.
5. The Applicant shall grant Regional Water Board staff, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to enter the project site at reasonable times, to ensure compliance with the terms and conditions



of this WQC and/or to determine the impacts the project may have on waters of the United States.

6. The proposed projects shall not be enlarged or extend beyond the proposed project impact area. The Applicant shall delineate the project boundaries and staging areas with stakes, flags and/or temporary construction fencing.
7. The area of vegetation and soil disturbance shall be restricted to the smallest extent possible.
8. Projects shall not discharge substances in concentrations toxic to human, plant, animal, or aquatic life or that produce detrimental physiological responses.
9. Projects shall not discharge waste classified as "hazardous" as defined in Title 22 CCR section 66261 and the California Water Code section 13173.
10. No oil, petroleum products, or rubbish shall be allowed to enter into or be placed where it may be washed by rainfall or runoff into waters of the United States.
11. No equipment maintenance will be done within or near any stream channel where petroleum products or other pollutants from the equipment may enter waters of the United States.
12. Equipment refueling shall not occur within waters of the United States.
13. Any oil or grease leaks shall be immediately cleaned up.
14. The Applicant shall ensure that all contaminated material and/or contaminated soil removed or excavated from the Project site is properly loaded, transported, and disposed of in accordance with Federal, State, and local regulations.
15. Staging/storage areas for equipment and materials shall be located outside of waters of the United States.
16. The Applicant shall ensure that all disturbed and filled areas are adequately stabilized and protected from erosion and siltation by implementing appropriate soil stabilization, sedimentation and silt control measures.
17. Any flow diversion used during construction shall be designed in a manner to prevent pollution, minimize siltation, and shall provide flows to downstream reaches. Flows shall be maintained to support existing aquatic life and riparian wetlands and habitat that may be located upstream and downstream from any temporary diversion.
18. The Applicant shall restore drainages, to the greatest extent possible, to the original bank configuration, stream bottom width, and channel gradient.



19. All temporary facilities and impacts shall be removed and restored to the preexisting conditions and contours to the extent practicable.
20. Construction related materials and wastes shall be removed from the project site upon completion of the project.
21. The Applicant shall submit Notice to the Regional Water Board within 60-days of completion of the Project. The Notice shall include: 1) a detailed summary of the mitigation and restoration activities implemented during the project and 2) provide photographic documentation that supports the information summarized in the Notice.
22. The Regional Water Board reserves the right to suspend, cancel, or modify and reissue this WQC, after providing notice to the Applicant and/or responsible Site-Supervisor, if the Regional Water Board determines that the project fails to comply with any of the terms or conditions of this WQC.
23. The Applicant shall orally notify the Regional Water Board of any noncompliance that may impact the beneficial uses of waters of the United States, as soon as notification is possible and notification can be provided without substantially impeding measures necessary to address the noncompliance.

REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

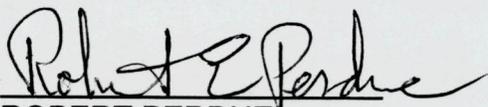
If you have any questions, please contact Jay Mirpour, Water Resources Control Engineer, at (760) 776-8981 or jmirpour@waterboards.ca.gov.



WATER QUALITY CERTIFICATION:

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.

Except insofar as may be modified by any preceding conditions, all certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicants' project description and the attached Project Information Sheet, and (b) compliance with all applicable requirements of the Regional Water Quality Control Board's Water Quality Control Plan (Basin Plan).



ROBERT PERDUE
Executive Officer

JJM/

cc: Marjorie Blaine, U.S. Army Corps of Engineers, Tucson Project Office
Bill Orme, SWRCB, Division of Water Quality, Water Quality Certification Unit
David Smith, U.S. Environmental Protection Agency, Region 9
Thomas A. Vandenberg, Office of Chief Counsel, SWRCB

File: 401 Certification for the Department of Transportation - Colorado River Bridge Replacement Project, WDID No. 7B363023001



Mailing List:

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Note: (*) will e-mail electronic copy



PROJECT INFORMATION

Application Date:
April 12, 2010

Applicant:
Department of Transportation

Contact:
Craig Wentworth, (909) 383-6936

Applicant Representative:
Department of Transportation

Project Name:
Colorado River Bridge Replacement Project

Project Start and Completion:
Start 4/16/2010 - Completion 4/30/2015

Project Description (purpose/goal):

The proposed project will replace the Colorado River Bridge (Br. No. 54-1000) on State Route 62 (SR 62) in San Bernardino County, California and on State Route 95 (SR 95) in La Paz County, Arizona. The project will include the realignment and shoulder widening of existing SR62/SR95 from Parker Dam Road in Earp, California to 1.10 km east of 2nd Street in Parker, Arizona. The construction activity will accomplish the following objectives:

1. Resolve the Colorado River Bridge's decreased structural integrity
2. Maintain a continuous safe movement of vehicular traffic
3. Improve people and goods movement in the region in both California and Arizona.

The Colorado River Bridge has been identified as scour critical as a result of continual streambed degradation. Since the original construction of the bridge, the existing river channel has dropped approximately 20 feet. This change in the channel grade has resulted in a loss of lateral support and embedment for the existing bridge foundation pilings. The proposed projects would resolve the scour issues and replace bridge foundations and pilings. The bridge foundation depths and pier design will account for potential degradation and localized pier scour.

As part of the bridge replacement, certain elements of the existing structure and SR-62 roadway need to be updated to match the latest Highway Design Manual (HDM) Structures and the Americans with Disabilities Act (ADA) requirements. These items include shoulder widths on the bridge and roadway approaches, and accessibility requirements (bridge sidewalk widths) per the ADA. To meet current ADA requirements and improve pedestrian mobility, the bridge sidewalk widths will be widened. A sidewalk will be constructed on the south side of the bridge to become consistent with ADA accessibility requirements. The



proposed project is to construct a new structure to provide a structure foundation capable of sustaining nonstandard loads.

Project Location:

City or Area: Earp and Parker

County: San Bernardino, California & La Paz, Arizona

Longitude/Latitude: -114° 18' 59.99"/ +34° 09' 99.94" & -114° 28' 91.18"/ +34° 15'00.18",

Township/Range: 1N/25E & 9N/20W

Receiving Water(s):

Colorado River

Fill/Excavation Area (acres):

N/A

Dredge Volume (cy):

4352 cy

Mitigation:

The following avoidance and minimization are used throughout the project:

- The existing bridge will be removed or modified in a way that will not adversely impact the river.
- A silt fence and Environmentally Sensitive Area (ESA) Fence (for visibility) will be placed around the wetland area. Construction equipment and people will not be able to enter the wetland.
- Native seeds will be used as part of erosion control and native plants will be installed in the project area.
- Caltrans shall wash all construction equipment and vehicles to reduce invasive species spreading from the proposed construction site.
- A Storm Water Pollution Prevention Plan (SWPPP) will be prepared for the project area and implemented for all activities at the project site. It will include measures necessary to maintain water quality. Caltrans will require that the Contractor follow Best Management Practices, including but not limited to the following:
 - Construction staging/storage, fueling, and batch plant areas shall be located away from undisturbed areas, with minimal risk of discharge into drainages or other sensitive habitat types. Only previously disturbed areas, such as turnouts may be used for these purposes. The Resident Engineer and district biologist shall coordinate on such sites prior to their approval/use.



- Raw cement/concrete or washings thereof, asphalt, paint or other coating material, oil or other petroleum products, or any other substances which could be hazardous to aquatic life, resulting from project related activities, shall be prevented from contaminating the soil and/or entering the waters of the state, which includes drainages.

- No debris, soil, silt, sand, bark, slash, sawdust, rubbish, cement or concrete or washings thereof, oil or petroleum products or other organic or earthen material from any construction or associated activity of whatever nature shall be allowed to enter into or placed where it may be washed by rainfall or runoff into waters of the State, which includes drainages and culverts. Sandbags, straw wattles, or silt fences will be used.

- No equipment maintenance/parking shall be done within or near any stream or drainage where petroleum products or other pollutants from the equipment may enter these areas under any flow.

-To the extent practicable, impacted sites will be returned to pre-construction contours.

- Maintenance and monitoring activities will include regular and post-storm event inspections.

Federal Permit(s):

U.S. Army Corps of Engineers section 404 Permit Nationwide Permit Numbers 15 (pending).

Status of CEQA:

A Mitigated Negative Declaration, dated May 19, 2008, was prepared for this project pursuant to the provisions of CEQA, and a Notice of Determination was filed with the State Clearinghouse on July 15, 2008, State Clearinghouse Number: 2008051081. Lead Agency: Department of Transportation.

Reference No.:

401 Certification for the Department of Transportation - Colorado River Bridge Replacement Project, WDID No. 7B363023001





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CalEPA Secretary
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FACSIMILE TRANSMITTAL SHEET

TO:

Mr. Craig Wentworth

FROM:

Jay Murrour

COMPANY:

DATE:

FAX NUMBER:

909-383-6494

SENDER'S FAX NUMBER:

PHONE NUMBER:

SENDER'S PHONE NUMBER:

RE:

401 Certificate

TOTAL NO. OF PAGES INCLUDING COVER:

10

- URGENT REVIEW/RETURN PLEASE COMMENT PLEASE REPLY - COPY TO ME
 PER YOUR REQUEST APPROPRIATE ACTION APPROVAL SIGNATURE
 INFORMATION FILE
 CONFIDENTIAL - FOR RECIPIENT ONLY

MESSAGE:

Hi Craig:

Please see attached.

Thanks

Jay Murrour

California Environmental Protection Agency