

# MEMORANDUM

DEPARTMENT OF PUBLIC WORKS  
County of Placer

TO: BOARD OF SUPERVISORS DATE: February 6, 2007

FROM: KEN GREHM / KEVIN ORDWAY *KO*

SUBJECT: **DICK COOK ROAD BRIDGE REPLACEMENT PROJECT – MITIGATED NEGATIVE DECLARATION**

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## ACTION REQUESTED / RECOMMENDATION

Adopt a Resolution approving a Mitigated Negative Declaration (MND) with the required findings and mitigations for the Dick Cook Road Bridge at Miners Ravine.

## BACKGROUND / SUMMARY

The Department of Public Works is proposing to replace the existing bridge on Dick Cook Road at Miners Ravine. The project is being completed under the Federal Highway Bridge Rehabilitation and Replacement (HBRR) Program. The project will improve the roadway approaches and replace the existing narrow deteriorating bridge over Miners Ravine. The proposed bridge and roadway approach will provide two 12 ft. travel lanes and two 4 ft. paved shoulders.

DPW staff has met with the local residents and the MAC to review the proposed improvements. By implementing an economical and context sensitive design philosophy, County staff and residents were able to develop a mutually acceptable design. The proposed bridge will preserve the rural atmosphere desired by the residents, and limit excessive roadway fill, while still providing a bridge and approaches designed to current standards. Construction is tentatively planned for the summer of 2008.

## ENVIRONMENTAL

The County is currently in the process of obtaining NEPA clearance for this project. A Mitigated Negative Declaration (MND) and Initial Study (IS) were prepared for this project by ECORP Consulting, Inc. on February 16, 2006, pursuant to the California Environmental Quality Act (CEQA). Comments were received and appropriately addressed for the California Regional Water Quality Control Board during the public comment period, which closed April 17, 2006. Recirculation of a revised IS/MND was deemed necessary due to findings of a single Valley Elderberry Longhorned Beetle (VELB) bush within the Area of Potential Effect (APE) at the project site. It is assumed the bush will be impacted and requires mitigation. The recirculation period ended January 2, 2007 without comment. Upon approval of the MND, the Notice of Determination will be processed by the Planning Department.

## FISCAL IMPACT

The total cost of the project is estimated to be \$1,400,000. The project is funded through the Federal HBRR Program (88.53%) and County Road Fund (11.47%). Funding for construction of the project will be included in the 2007/08 Fiscal Year Budget.

Attachment: Resolution  
Mitigation and Monitoring Plan  
Location Map

A Copy of the Mitigated Negative Declaration is on File with the Clerk of the Board

# Before the Board of Supervisors County of Placer, State of California

In the matter of: A RESOLUTION APPROVING A  
MITIGATED NEGATIVE DECLARATION (PCRE  
T20060349) FOR THE DICK COOK ROAD BRIDGE  
AT MINERS RAVINE REPLACEMENT PROJECT.

Resol. No:.....

Ord. No:.....

First Reading:.....

The following RESOLUTION was duly passed by the Board of Supervisors  
of the County of Placer at a regular meeting held \_\_\_\_\_,  
by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Attest:  
Clerk of said Board

\_\_\_\_\_  
Chairman, Board of Supervisors

WHEREAS, the existing bridge on Dick Cook Road over Miners Ravine has been  
determined to be structurally deficient, and

WHEREAS, a preliminary design for the project has been prepared by Placer County,  
and

WHEREAS, the design of the bridge replacement is consistent with the California  
Department of Transportation and Placer County Standards; and

WHEREAS, the County of Placer has prepared a Mitigated Negative Declaration,  
circulated it as required by law and included all necessary measures to mitigate any  
significant impacts of the project.

**BE IT HEREBY RESOLVED** by the Board of Supervisors of the County of Placer, State of California, that this Board Approves a Mitigated Negative Declaration (PCRE T20060349) for the Dick Cook Road Bridge at Miners Ravine Replacement Project and make the following findings:

1. The mitigated negative declaration has been prepared as required by law.
2. There is no substantial evidence in the record as a whole that the Project as revised and mitigated may have a significant effect on the environment.
3. The mitigated negative declaration as adopted for the Project reflects the independent judgment and analysis of Placer County, which has exercised overall control and direction of its preparation.
4. The mitigation plan / mitigation monitoring program prepared for the project is approved and adopted.
5. The custodian of records for the Project is the Placer County Planning Director, 3091 County Center Drive, Auburn, CA 95603.

**DICK COOK ROAD BRIDGE REPLACEMENT PROJECT  
MITIGATION AND MONITORING PLAN**

MITIGATION MEASURE	RESPONSIBLE PARTY	ORIGINATION OR RESPONSIBILITY FOR VERIFICATION	THRESHOLD OF INITIAL ACTION	FREQUENCY AND DURATION OF MONITORING	PERFORMANCE CRITERIA	PROPOSED FUNDING
<b>MM.1. DIRT CONTROL</b> The applicant will implement standard dust control practices to reduce potential air quality impacts from emissions during construction. This shall include application of water to control dust as needed, disposal of vegetation material by barge or any other than burning, immediate removal of dirt spilled along or across any public traveled way and covering all dirt trucks, trucks of fill or excavated dirt, and compactor with all air pollution control units, regularly, of flammables, and materials, which apply to any work performed pursuant to the Project contract.	CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	HIGHWAY FUND
<b>MM.2. CONTAMINATED DRAINAGE</b> Construction disturbance to Miller's Run and Creek flows and related habitat shall be minimized. All "catch pipes" (half pipe) shall be placed over the stream to protect it from debris and will prevent the flow of water and (if needed) implement a log on and down the stream. Construction of the crossing will be completed during a time that poses the least risk to migrating fish, as determined by the California Department of Fish and Game and will be specified as a part of the Section.	CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	AS SPECIFIED IN THE PERMIT	APPROVED CALIFORNIA FISH AND GAME PERMIT	HIGHWAY FUND
<b>MM.3. EROSION CONTROL</b> Conduct determine level sweeps for California and signed logs, if required and conduct four (4) seasonal surveys to determine RSP presence or absence. Surveys shall be conducted according to C.S. Fish and Wildlife approved methodology and protocols.	DPW	DPW	PRIOR TO CONSTRUCTION	FOUR TIMES	COMPLY WITH FISH AND WILDLIFE APPROVED METHODOLOGY AND PROTOCOLS	HIGHWAY FUND
<b>MM.4. DIRT CONTROL</b> Conduct periodic spot survey prior to construction. In presence of an authorized lot of preserved riparian and then install existing survey will be conducted to occur from 30 days prior to the start of any placed disturbance activities and determine. Handing is ongoing, the biologist will identify additional investigations to ensure that riparian are not disturbed during construction, in consultation with Placer County and the California Department of Fish and Game.	DPW	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	CONSULTATION WITH BIOLOGIST, PLACER COUNTY AND CALIFORNIA DEPARTMENT OF FISH AND GAME	HIGHWAY FUND
<b>MM.5. CLOSURE PERMIT</b> A 2003 Streambed Alteration Agreement shall be obtained from the California Department of Fish and Game (CDFG) pursuant to Section 1602 of the Fish and Game Code, prior to the commencement of grading on the Project site. Riparian and stream habitat impacts will be mitigated by the collection of the Agreement.	DPW	DPW	PRIOR TO CONSTRUCTION	ONCE	APPROVED CALIFORNIA FISH AND GAME PERMIT	HIGHWAY FUND
<b>MM.6. CLOSURE PERMIT</b> Necessary permits shall be obtained from the Corps pursuant to Section 404 of the Clean Water Act prior to the commencement of grading on the project site. The overall mitigation goal for the Project is to not lose or wetland habitat and values. This goal would be accomplished through the purchase of riparian habitat credits, at an agency approved off-site mitigation facility or contribution to an in-lieu fee fund, to require for any temporary impacts to Miller's Run and Creek.	DPW	DPW	PRIOR TO CONSTRUCTION	AS SPECIFIED IN THE CLEAN WATER ACT	APPROVED PERMITS FROM CDFG	HIGHWAY FUND
<b>MM.7.1</b> Trees to be preserved will be immediately adjacent to the construction shall be protected with high visibility fencing placed at least one-foot outside the dry line.	CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH CLEANING LINE SIGNATURES	HIGHWAY FUND
<b>MM.7.2</b> Erosion control including within the dry line of the wet areas for a distance of half of the dry line inside of the dry line shall be installed whenever practicable. However, if unavoidable, any substituted cut or fill occurring within the dry line of any preserved area will be supervised by an International Society of Arboriculture Certified Arborist.	CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	INTERNATIONAL SOCIETY OF ARBORICULTURE CERTIFIED ARBORIST	HIGHWAY FUND

MM 7.3. Inverse tree replacement shall be used to mitigate the removal of trees within the Project etc, subject to the approval of Placer County	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	REPLACEMENT OF REMOVED TREES SHALL BE APPROVED BY THE COUNTY ENGINEER UNLESS THE DESIGN COMMITTEE AUTHORIZES OTHERWISE	HIGHWAY FUND
MM 7.4. Procedures and permits for tree preservation and protection shall comply with standards established by Placer County	CONSTRUCTION CONTRACTOR	DPW	FROM TO DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY REQUIREMENTS APPROVED BY THE DESIGN COMMITTEE OR THE COUNTY ENGINEER	HIGHWAY FUND
MM 7.5. Pruning, cabling, and other corrective measures for preserved trees shall be as specified by the International Society of Arboriculture Certified Arborist, and shall conform to the pruning standards of the Western Chapter of the International Society of Arboriculture.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	DESIGN COMMITTEE APPROVED BY THE COUNTY ENGINEER	HIGHWAY FUND
MM 7.6. No landscaping requiring permanent irrigation shall be installed within the drip line of any preserved oak tree, and to the extent possible, must not, particularly from landscaping irrigation, shall be directed away from the tree above	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY REQUIREMENTS APPROVED BY THE DESIGN COMMITTEE	HIGHWAY FUND
MM 8. A utility design plan to cover local trails, will be developed that minimize impacts to on adjacent roads. Public input will be solicited during the environmental document approval process through meetings and a presentation at the local HomeShare Bar and Grange Bay Municipal Advisory Council (HMAC) meetings	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	APPROVED TRAFFIC CONTROL PLAN BY THE DEVELOPMENT REVIEW COMMITTEE	HIGHWAY FUND
MM 9. During construction, all "urchin pipe" (11" dia) will be raised over the stream to protect from debris and still permit the free flow of water. Bridge construction will be conducted so that the new bridge piers will be placed on the 0.1% slope of the stream bank, prior to the removal of the existing bridge. In addition, best management practices will be employed during construction that will include the following: <ul style="list-style-type: none"> <li>1. Prior to any groundbreaking, worker awareness training will be implemented. Construction personnel and all those associated with the project will be briefed on the importance of wetland habitats and the species dependent on those waters. Sensitive areas at the project site will be identified and the importance of avoiding encroachment on these areas will be conveyed.</li> <li>2. Construction grading and staging activities, borrow and disposal sites, and construction personnel will be kept as far as possible from wetland habitats.</li> <li>3. If construction occurs during the winter rainy period (i.e. October 1st through April 15), site grading will be used in concert with the high visibility fencing in order to protect the remaining wetlands from erosion and construction activities.</li> <li>4. Following construction, exposed slopes 30 feet or remaining wetlands will be hydroseeded to reestablish ground cover.</li> </ul>	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY REQUIREMENTS APPROVED BY THE DEVELOPMENT REVIEW COMMITTEE	HIGHWAY FUND



DICK COOK ROAD BRIDGE AT MINERS RAVINE  
REPLACEMENT PROJECT

PROJECT LOCATION



