

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS DATE: May 12, 2009
FROM: KEN GREHM / MATT RANDALL
SUBJECT: DOWD ROAD OVER YANKEE SLOUGH BRIDGE REPLACEMENT PROJECT -
INITIAL STUDY/MITIGATED NEGATIVE DECLARATION
STATE CLEARINGHOUSE NO. 2009032002

ACTION REQUESTED / RECOMMENDATION

Adopt a Resolution approving the Initial Study/Mitigated Negative Declaration (IS/MND) with the required findings and the mitigation and monitoring plan for the Dowd Road Bridge over Yankee Slough.

BACKGROUND / SUMMARY

The Department of Public Works is proposing to replace the existing bridge on Dowd Road at Yankee Slough under the Federal Highway Bridge Program (HBP). The project will replace the existing structurally deficient bridge which is deteriorating and does not meet current design standards. The replacement bridge and improved approaches will bring this bridge into compliance with current structural, geometric, and hydraulic guidelines.

DPW staff has solicited public input for this project by contacting property owners directly adjacent to the project site and by providing updates to the Rural Lincoln and Sheridan Municipal Advisory Councils. By implementing an economical and context sensitive design philosophy, an acceptable design was developed. The proposed bridge will preserve the rural atmosphere and provide safe access for residents, emergency vehicles, trucks, and other users, while still providing a bridge and approaches designed to current standards. Construction is tentatively planned for the summer of 2011.

ENVIRONMENTAL

The County is currently in the process of obtaining NEPA clearance for this project. An Initial Study/Mitigated Negative Declaration (IS/MND) was prepared for this project by LSA, Inc. in January 2009, pursuant to the California Environmental Quality Act (CEQA). No comments were received during the public comment period, which closed on April 1, 2009. Upon approval of the MND, the Notice of Determination will be processed.

FISCAL IMPACT

The total cost of the project is estimated to be \$2,300,000. The project is funded through the Federal Highway Bridge Program (88.53%) and the County Road Fund (11.47%). Funding for construction of the project will be included in the 2010/2011 Fiscal Year Budget.

Attachment: Resolution
Location Map
Mitigation and Monitoring Plan
A copy of the Mitigated Negative Declaration and Initial Study 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 DOWD ROAD BRIDGE
OVER YANKEE SLOUGH 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 Dowd Road over Yankee Slough has been
determined to be structurally deficient, and

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

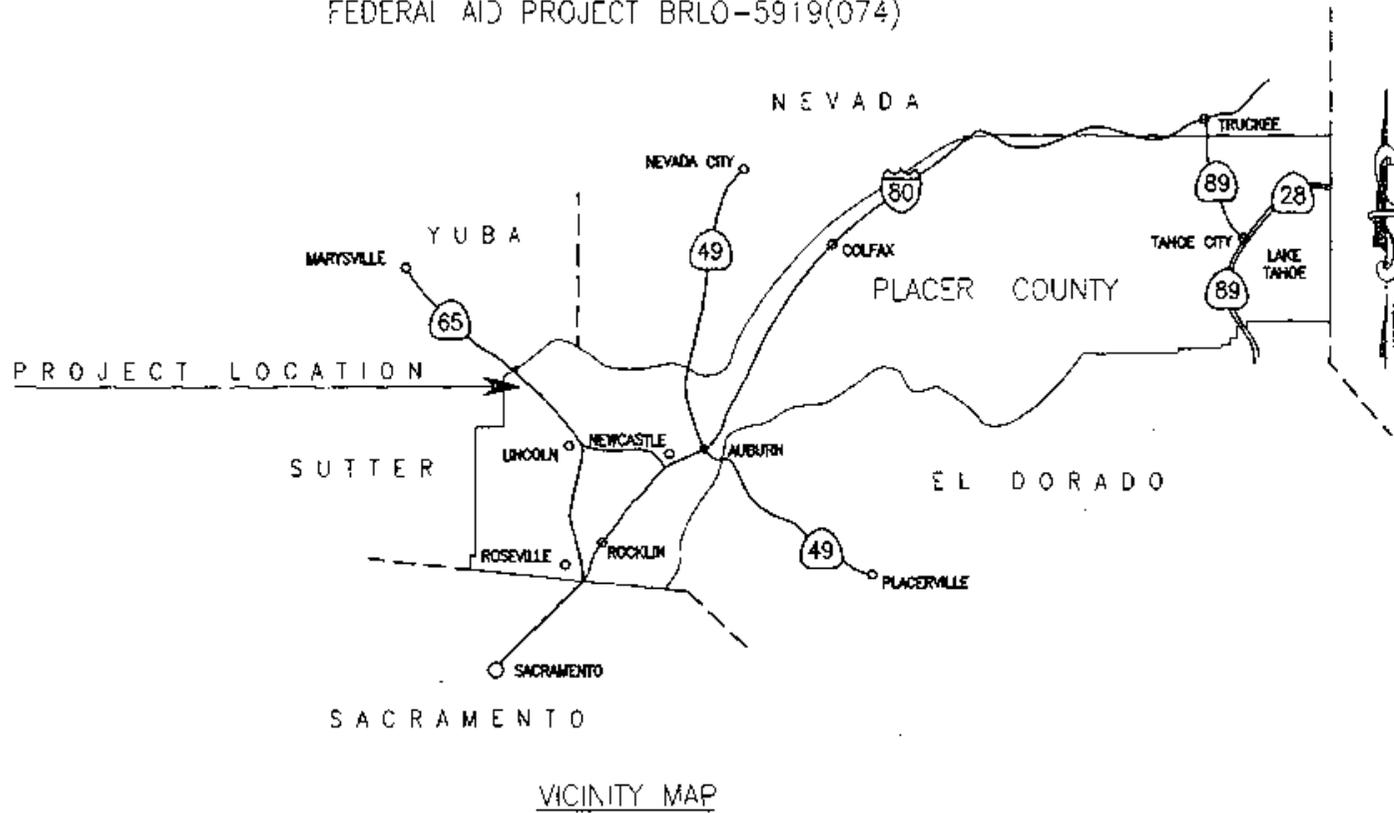
WHEREAS, the design of the bridge replacement is consistent with the California
Department of Transportation and Placer County Standards; and

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 Dowd Road Bridge over Yankee Slough 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.

DOWD ROAD OVER YANKEE SLOUGH BRIDGE REPLACEMENT PROJECT
BRIDGE NO. 19C-0129
FEDERAL AID PROJECT BRLO-5919(074)



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DOWD ROAD OVER YANKEE SLOUGH BRIDGE REPLACEMENT PROJECT
MITIGATION AND MONITORING PLAN

MITIGATION MEASURE	RESPONSIBLE PARTY	ORIGINATOR OR INDIVIDUAL RESPONSIBLE FOR VIOLATION COMPLIANCE	TIMING OF INITIAL ACTION	FREQUENCY AND DURATION OF MONITORING	PERFORMANCE CRITERIA	PROPOSED FUNDING
MMA3 - Work erosion of rip-rap that will be controlled during the construction period by periodic watering of the site and rock exposed to the construction project. Stormwater will be collected in the potential impact of soil erosion and deposited into Yankee Slough to a less than significant impact. Following construction of the bridge, the addition of rock slope protection and revegetation of rip-rap areas and habitat should prevent or reduce water quality degradation. Refer to events with the existing bridge. See the MMA 4, 1, 4, 3, 5, 4, 4, 7, 7, 8, and 7.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH CONDITIONS INCLUDED IN CALIFORNIA DEPT. OF FISH AND GAME SECTION 1601 STREAMBED ALTERATION AGREEMENT, REGIONAL WATER QUALITY CONTROL BOARD SECTION 401 WATER QUALITY CERTIFICATION PERMIT, US ARMY CORPS OF ENGINEERS SECTION 404 PERMIT AND PLACER COUNTY GRADING ORDINANCE.	HER ROAD FUND
MMA4 - Prior to construction, the County shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) designed to reduce potential impacts to surface water quality. Carry through construction and operation of the project. The SWPPP would act as the overall program for water design and provide measures to manage potential water quality impacts associated with the implementation and operation of the proposed project.	DPW/CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH CONDITIONS INCLUDED IN CALIFORNIA DEPT. OF FISH AND GAME SECTION 1601 STREAMBED ALTERATION AGREEMENT, REGIONAL WATER QUALITY CONTROL BOARD SECTION 401 WATER QUALITY CERTIFICATION PERMIT, US ARMY CORPS OF ENGINEERS SECTION 404 PERMIT AND PLACER COUNTY GRADING ORDINANCE.	HER ROAD FUND
MMA5 - Specific to the SWPPP, scheduled in the SWPPP shall include practices such as: minimize the amount of vehicles, materials, equipment, and maintenance supplies (e.g., fuel, oil, parts, paint, solvents, lubricants) on site. The SWPPP shall specify properly designed, installed, and maintained silt traps that comply with standards of the County.	DPW/CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH CONDITIONS INCLUDED IN CALIFORNIA DEPT. OF FISH AND GAME SECTION 1601 STREAMBED ALTERATION AGREEMENT, REGIONAL WATER QUALITY CONTROL BOARD SECTION 401 WATER QUALITY CERTIFICATION PERMIT, US ARMY CORPS OF ENGINEERS SECTION 404 PERMIT AND PLACER COUNTY GRADING ORDINANCE.	HER ROAD FUND
MMA6 - Specific to the SWPPP, include the following: MMA6a - Work within the construction window. Construction to be limited to the period between June 15 and October 15. Impacts to sensitive species should be minimized when conducting a majority of activities. MMA6b - Limit disturbing activities and the controls on erosion and sedimentation during the construction period on the construction site and rip-rap. This includes installing silt traps (where the mean high water line exists) and berms to minimize erosion. Silt traps shall be installed, sediment washing devices, and silt traps and they shall be maintained. MMA6c - Existing vegetation shall be preserved where feasible to provide a natural form of erosion and sediment control, as well as a natural protection. Landscaping, revegetation, and soil stabilization shall be used where reduction. MMA6d - The area of construction disturbance will be limited to as small a area as feasible. MMA6e - Loose bulk materials shall be applied on road surface as a temporary cover to prevent bare soil from a soil impact, increase surface roughness and reduce soil erosion. MMA6f - Maintenance of rip-rap shall be applied to the rip-rap to prevent the movement of rip-rap to the project site caused by wind, wave, and loading impacts. MMA6g - Rip-rap shall be placed in a light method, at intervals, to reduce erosion potential, decrease rip-rap velocities, and help sediment settle in the establishment of vegetation cover from used a sediment trap. MMA6h - All areas shall be covered in vegetation or other similar and a rip-rap will not be placed in the rip-rap. Rip-rap will be replaced in the rip-rap.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY SWPP'S INCLUDED IN THE SWPPP.	HER ROAD FUND
MMA7 - Rip-rap shall be placed in a light method, at intervals, to reduce erosion potential, decrease rip-rap velocities, and help sediment settle in the establishment of vegetation cover from used a sediment trap.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY SWPP'S INCLUDED IN THE SWPPP.	HER ROAD FUND
MMA8 - All areas shall be covered in vegetation or other similar and a rip-rap will not be placed in the rip-rap. Rip-rap will be replaced in the rip-rap.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY SWPP'S INCLUDED IN THE SWPPP.	HER ROAD FUND

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MM4-1	Provide berms along the top of dikes to prevent wind-borne debris from being projected down the slope.	CONSTRUCTION CONTRACTOR	DPW	BEFORE TO CONSTRUCTION	CONSTRUCTION DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-2	Control the water table beneath dikes to prevent seepage in an event of a dike breach. Document that the water table beneath the dike is controlled and water is not allowed to seep out.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-3	Install perimeter landscaping, as well as perimeter berms, to reduce erosion.	CONSTRUCTION CONTRACTOR	DPW	AFTER DRAINING	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-4	Construction activities and vehicles will be restricted to paved areas, as feasible, to prevent erosion and sediment discharge to the water channel.	CONSTRUCTION CONTRACTOR	DPW	BEFORE TO CONSTRUCTION	CONSTRUCTION DURING CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-5	All demarcated or marked bridge channel will be included in the SWPPP.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-6	All riparian control measures and stream-side control measures will be properly maintained. Should there be a precipitation event, the condition and effectiveness of the measures will be inspected until they are repaired. No adjustments or measures should be implemented after a precipitation event and until the stream is back to normal.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	DURING AND AFTER CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-7	Construction activities will be properly restricted to prevent erosion and sedimentation.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-8	All vehicle and equipment maintenance procedures will be conducted off-site. In the event of an emergency, maintenance will occur away from the water channel.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-9	All aggregate curing activities will be restricted to minimize spray drift and resuspension of materials from existing wet areas and drifts, and aggregate.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-10	A spill prevention and containment plan will be prepared for the project and approved by the local jurisdiction.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	ONCE	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM4-11	All construction materials, supplies, stockpiles, and staging areas will be situated outside of the creek channel or terrace. All materials will be covered, as feasible.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO AND DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY BMP'S INCLUDED IN THE SWPPP	SEWER FUND
MM5-1	A monitoring program will be implemented by the contractor to supervise and inspect site activity and water quality inspections.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH THE WORKING HOURS LIMITED BY THE SPECIAL PROVISIONS	SEWER FUND
MM5-2	The following "Best Management Practices" shall be implemented to reduce the PM10 impact:	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO AND DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	SEWER FUND
MM5-3	All active construction areas shall be watered at least twice daily.	CONSTRUCTION CONTRACTOR	DPW	DURING CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	SEWER FUND
MM5-4	All areas handling soil, sand, and other loose materials shall be covered or contained at least five feet. The wind speed shall not exceed 10 mph.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	SEWER FUND
MM5-5	The ground surface shall be protected from erosion by installing silt fences, straw bales, water bars, and other erosion control measures.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	SEWER FUND
MM5-6	All paved activity vehicles and staging areas at the construction site shall be washed with water frequently.	CONSTRUCTION CONTRACTOR	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS CONSTRUCTION	COMPLY WITH PLACER COUNTY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS	SEWER FUND
MM6-1	A pre-construction survey for nesting waterfowl and terrestrial birds shall be conducted in the immediate and adjacent riparian habitat.	DPW	DPW	PRIOR TO CONSTRUCTION	CONTINUOUS CONSTRUCTION	DUAL FIELD LOGS	SEWER FUND

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