

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS
DATE: May 7, 2013

FROM: KEN GREHM / PETER KRAATZ

SUBJECT: **DOWD ROAD OVER YANKEE SLOUGH BRIDGE REPLACEMENT PROJECT -
SUBSEQUENT INITIAL STUDY/MITIGATED NEGATIVE DECLARATION
STATE CLEARINGHOUSE NO. 2009032002**

ACTION REQUESTED / RECOMMENDATION

1. Adopt a Resolution approving the subsequent Initial Study/Mitigated Negative Declaration (IS/MND) with the required findings and the mitigation and monitoring plan for the Dowd Road over Yankee Slough Bridge Replacement Project. There is no net County cost.

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 proposed bridge and improved approaches will bring this bridge into compliance with current structural, geometric, and hydraulic guidelines.

A previous IS/MND for this project was approved by your Board on May 12, 2009. Since that time the project has been revised to accommodate additional hydraulic requirements required by the Central Valley Flood Protection Board. These requirements included raising the roadway and bridge approximately 5 feet to accommodate sufficient clearance over the 100-year flood water surface in Yankee Slough.

Construction is tentatively planned for the summer of 2015.

ENVIRONMENTAL

A revised Initial Study/ Mitigated Negative Declaration (IS/MND) was prepared for this project, pursuant to the California Environmental Quality Act (CEQA). Comments were received during the public comment period, which closed on April 8, 2013 and have been appropriately addressed. Upon approval of the revised MND, the Notice of Determination will be processed. The County is also in the process of revalidating NEPA clearance for this project with Caltrans.

FISCAL IMPACT

The total cost of the project is estimated to be \$4,500,000. The project is funded through the Federal Highway Bridge Program (88.53%) and the County Road Fund (11.47%).

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

BE IT HEREBY RESOLVED by the Board of Supervisors of the County of Placer, State of California, that this Board Approves a Subsequent Mitigated Negative Declaration to the Mitigated Negative Declaration (STATE CLEARINGHOUSE NO. 2009032002)) for the Dowd Road Bridge over Yankee Slough Replacement Project and make the following findings:

1. The subsequent 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 subsequent 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 subsequent 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 Public Works Director, 3091 County Center Drive, Auburn, CA 95603.

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

In the matter of: A RESOLUTION APPROVING THE SUBSEQUENT MITIGATED NEGATIVE DECLARATION TO THE MITIGATED NEGATIVE DECLARATION (STATE CLEARINGHOUSE NO. 2009032002) FOR THE DOWD ROAD BRIDGE OVER YANKEE SLOUGH REPLACEMENT PROJECT.

Resol. No:.....

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

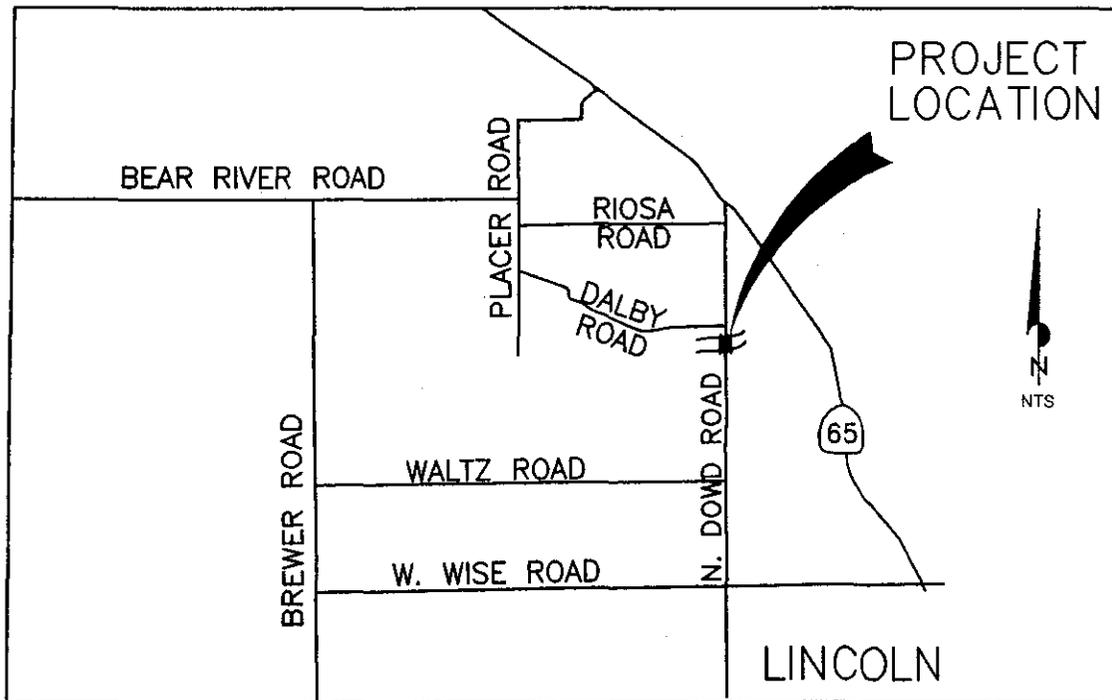
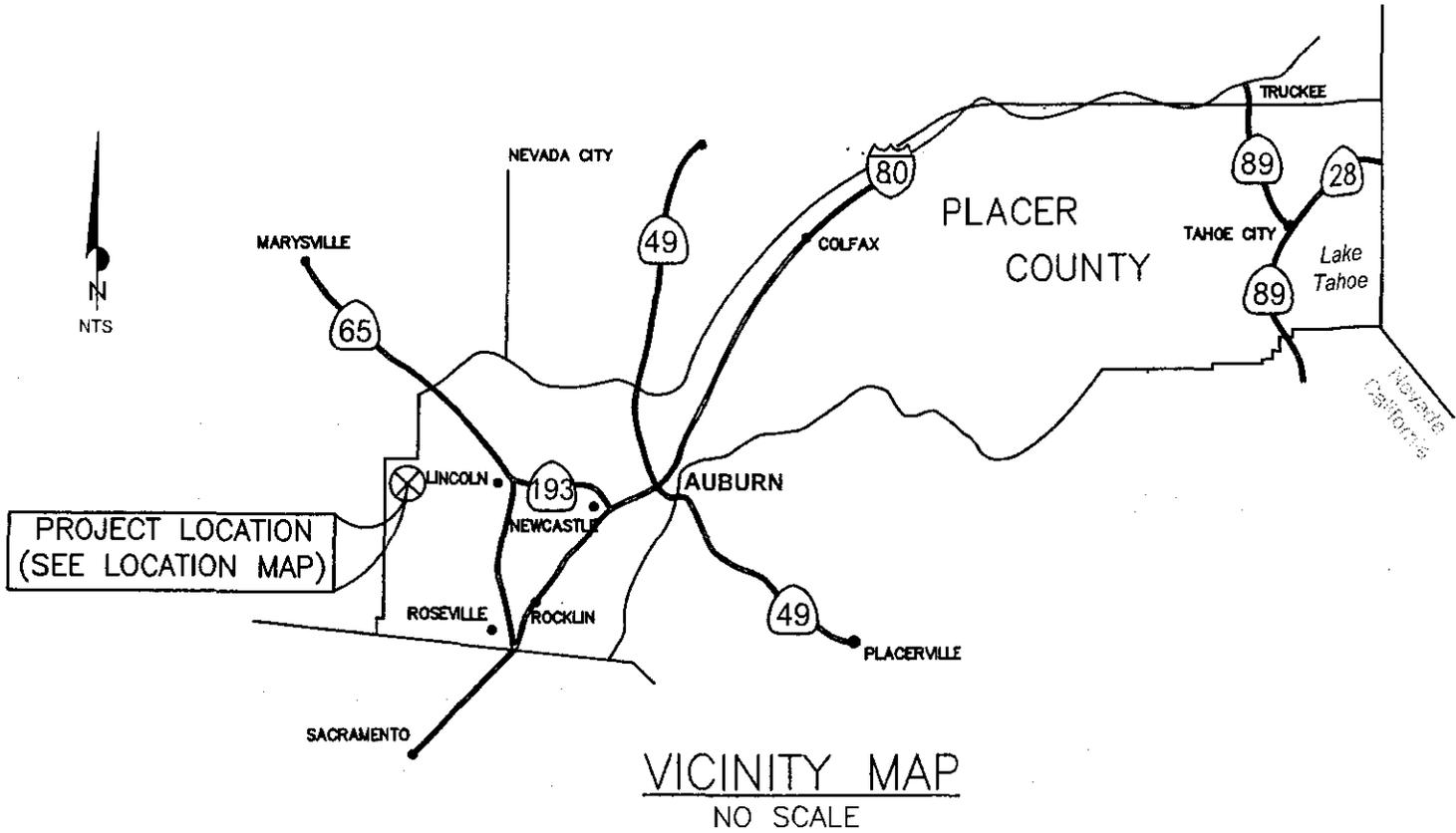
WHEREAS, the existing bridge on Dowd Road over Yankee Slough has been determined to be structurally deficient, and

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 subsequent Mitigated Negative Declaration, circulated it as required by law and included all necessary measures to mitigate any significant impacts of the project.

DOWD ROAD BRIDGE REPLACEMENT PROJECT OVER
YANKEE SLOUGH- VICINITY & LOCATION MAP



MITIGATION MONITORING PLAN

Dowd Road over Yankee Slough Bridge Replacement Project

This Mitigation and Monitoring Plan (MMP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) prepared for the proposed Dowd Road over Yankee Slough Bridge Replacement Project (proposed project). The purpose of the MMRP is to ensure the implementation of mitigation measures identified as part of the environmental review for the project. The MMRP includes the following information:

- A list of mitigation measures;
- The party responsible for implementing the mitigation measures;
- The timing for implementation of the mitigation measure;
- The agency/city department responsible for monitoring the implementation; and
- The monitoring action and frequency.

Placer County must adopt this MMRP, or an equally effect program, if it approves the Dowd Road over Yankee Slough Bridge Replacement Project with the mitigation measures that were adopted or made conditions of project approval.

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
1	MM3.1	Wind erosion of soil or dust shall be controlled during the construction period by periodic watering of the soil and rock exposed by the construction process. Permit compliance would reduce the potential impacts of soil erosion and deposition into Yankee Slough to a less than significant impact. Following construction of the new bridge, the addition of rock slope protection and revegetation of riparian trees and habitat should result in future water quality of equal to or better than at present with the existing bridge. See also MM 4.1, 4.2, 4.3, 4.4, 7.7, 7.8, and 7.9.	During Construction	Construction Contractor	Placer County	Continually during construction	Successful erosion or dust control during and following construction
2	MM4.1	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 through the construction and operation of the project. The SWPPP would act as the overall program document designed to provide measures to mitigate potential water quality impacts associated with the implementation and operation of the proposed project.	Prior to Construction	Placer County	Placer County	Once prior to construction	Preparation and Implementation of SWPPP
3	MM4.2	Specific and detailed Best Management Practices (BMP's) included in the SWPPP shall include practices to minimize the contact of construction materials, equipment, and maintenance supplies (e.g., fuels, lubricants, paints, solvents, adhesives) with storm water. The SWPPP shall specify properly designed centralized storage areas that keep these materials out of the rain.	During Construction	Construction Contractor	Placer County	Once prior to construction and then maintained continuously during construction	Compliance with BMP's
4	MM4.3	MM4.3a Work within the live channel of the waterway shall be limited to the period between June 15 and October 15. Impacts to sensitive species should also be considered when coordinating construction schedules.	During Construction	Construction Contractor	Placer County	Continually during construction	Comply with work windows
		MM4.3b Land disturbing activities and the installation of erosion and sedimentation control practices shall be coordinated to reduce on-site erosion and off-site sedimentation. These measures may include mulches (above the mean high water line only), soil binders, and erosion control blankets, silt fencing, fiber rolls, sediment desilting basins, sediment traps, and check dams.	During Construction	Construction Contractor	Placer County	Continually during construction	Successful implementation of erosion and sedimentation control

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		MM4.3c Existing vegetation shall be protected where feasible to provide an effective form of erosion and sediment control, as well as watershed protection, landscape beautification, dust and pollution control, and noise reduction.	During Construction	Construction Contractor	Placer County	Continually during construction	Successful protection of existing vegetation (where feasible)
		MM4.3d The area of construction and disturbance shall be limited to as small an area as feasible.	During Construction	Construction Contractor	Placer County	Continually during construction	Limitation of disturbed area
		MM4.3e Loose bulk materials shall be applied to the soil surface as a temporary cover to protect bare soil from rainfall to impact, increase infiltration, and to reduce runoff and erosion.	During Construction	Construction Contractor	Placer County	As needed prior to rain events	Successful application of temporary cover
		MM4.3f Stabilizing materials shall be applied to the soil surface to prevent the movement of dust at the project site caused by traffic, wind, and grading activities.	During Construction	Construction Contractor	Placer County	As needed during construction	Successful application of stabilizing materials
		MM4.3g Roughening and terracing shall be implemented, as feasible, to reduce erosion potential, decrease runoff velocities, and trap sediment aiding in the establishment of vegetative cover from seed and increasing infiltration into soil.	During Construction	Construction Contractor	Placer County	Once after construction of that area	Successful implementation of roughening and terracing
		MM4.3h All areas shall be restored to preconstruction contours and revegetated with native species. Hydroseeding shall be implemented as a temporary measure, if feasible.	Following Construction	Construction Contractor	Placer County	Once after construction of that area	Successful restoration of contours and vegetation
		MM4.3i Berms along the tops of slopes shall be provided to prevent water from running uncontrolled down the slopes.	During Construction	Construction Contractor	Placer County	Once or as needed prior to rain events	Successful use of berms
		MM4.3j The water behind these berms shall be collected and taken down the slopes in an erosion-proof drainage system. Sediment that is collected behind these berms shall be allowed to "settle out" and shall be removed from the site.	During Construction	Construction Contractor	Placer County	As needed during periods of rain	Successful collection and treatment of water trapped by berms
		MM4.3k Permanent landscaping shall be installed as soon as	During	Construction	Placer	Once after	Successful

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		practical, after the completion of grading.	Construction	Contractor	County	construction of that area	installation of permanent landscaping
		MM4.3l Construction activities and vehicles shall be confined to paved areas, as feasible, to prevent erosion and sediment discharge to the river channel.	During Construction	Construction Contractor	Placer County	Continually during construction	Compliance with construction equipment mobility limitations
		MM4.3m All demolished or unused bridge material shall be hauled off-site.	During Construction	Construction Contractor	Placer County	As needed during construction	Successful removal of bridge material
		MM4.3n All erosion control measures and stormwater control measures shall be properly maintained until the site has returned to a preconstruction state. The condition and effectiveness of the measures shall be monitored until they are removed. At a minimum, all measures should be inspected after every rain event and weekly throughout the rainy season.	During Construction	Construction Contractor	Placer County	Continually during construction	Proper maintenance of erosion control measures and stormwater control
		MM4.3o Construction roadways shall be properly protected to prevent excess erosion and sedimentation.	During Construction	Construction Contractor	Placer County	Continually during construction	Proper protection and erosion control for construction roadways
		MM4.3p All vehicle and equipment maintenance procedures shall be conducted off-site. In the event of an emergency, maintenance shall occur away from the creek channel.	During Construction	Construction Contractor	Placer County	Continually during construction	Compliance with offsite vehicle maintenance regulation
		MM4.3q All concrete curing activities shall be conducted to minimize spray drift and prevent curing compounds from entering the waterway directly or indirectly.	During Construction	Construction Contractor	Placer County	Continually during construction	Compliance with specified concrete curing techniques
		MM4.3r A spill prevention and countermeasure plan shall be	Prior to	Construction	Placer	N/A	Successful

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		prepared for the project prior to commencing construction activities.	Construction	Contractor	County		preparation implementation of spill prevention and countermeasure plan
		MM4.3s All construction materials, vehicles, stockpiles, and staging areas shall be situated outside of the creek channel as feasible. All stockpiles shall be covered, as feasible.	During Construction	Construction Contractor	Placer County	Continually during construction	Compliance with proper storage and placement of stockpiles
5	MM4.4	A monitoring program shall be implemented by the construction site supervisor that includes both dry and wet weather inspections.	During Construction	Construction Contractor	Placer County	Continually during construction	Successful implementation of monitoring program
		MM5.1a All active construction areas shall be watered at least twice daily.	During Construction	Construction Contractor	Placer County	Twice Daily during construction activities	Compliance with site watering requirements
		MM5.1b All trucks hauling soil, sand, and other loose materials shall be covered or maintain at least three feet of freeboard in the truck bed.	During Construction	Construction Contractor	Placer County	Continually during construction	Compliance with hauling requirements
		MM5.1c All unpaved access roads, parking areas, and staging areas at the construction site shall be paved, watered, or applied with non-toxic soil stabilizers.	During Construction	Construction Contractor	Placer County	As needed during construction	Proper maintenance of unpaved roadways
		MM5.1d All paved roadway surfaces and staging areas at the construction site shall be swept daily with water sweepers.	During Construction	Construction Contractor	Placer County	Daily during construction activities	Proper maintenance of paved roadways
		MM5.1e Prior to commencing project related earth disturbing activities, the project contractor shall submit to the Placer County Air Pollution Control District a Dust Control Plan consistent with Placer County Air Pollution Control District's Rule 228, Fugitive	Prior to Construction	Construction Contractor	Placer County	N/A	Successful submission of Dust Control Plan

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		Dust.					
7	MM7.1	Construction activity within GGS habitat shall be conducted between May 1 and October 1. This timeframe is the active period for GGS and direct mortality is lessened because snakes are expected to actively move and avoid danger. Between October 2 and April 30, the Service's Sacramento Fish and Wildlife Office shall be contacted to determine if additional measures would be necessary to minimize and avoid take.	During Construction	Construction Contractor/ USFWS	Placer County	During specified windows	Compliance with work windows
8	MM7.2	A biological monitor shall be present during installation and implementation of (1) any water diversion in Yankee Slough; and (2) any dewatering system for construction of the pier foundation and/ pile caps. If a GGS is observed during any dewatering activities, the biological monitor shall relocate the snake downstream of the work area.	During Construction	Qualified Biologists	Placer County	Daily during listed activities	Qualified Biologists
9	MM7.3	Clearing shall be confined to the minimal area necessary to facilitate construction activities. Potential GGS habitat within or adjacent to the project area shall be flagged and designated as Environmentally Sensitive Area (ESA). These areas shall be avoided by all construction personnel.	During Construction	Construction Contractor/ Qualified Biologists	Placer County	ESA flagging once prior to construction and continuously maintained	Comply with Federal Endangered Species Act
10	MM7.4	Construction personnel shall receive Service-approved worker environmental awareness training. This training instructs workers to recognize GGS and their habitat(s).	During Construction	Qualified Biologists	Placer County	Once prior to construction	Receipt of environmental awareness training
11	MM7.5	Between April 15 and September 30, any dewatered habitat must remain dry, with no puddled water, for at least seven consecutive days before workers excavate or fill the dewatered habitat. A Service-approved biologist shall ensure dewatered habitat does not continue to support snake prey (e.g., fish, tadpoles, aquatic insects), which could detain or attract snakes into the area. If a site cannot be completely dewatered, netting and salvage of prey items may be necessary. This measure would remove aquatic habitat and would allow the snake to leave on its own.	During Construction	Construction Contractor/ Qualified Biologists	Placer County	Continuously during specified work windows	Compliance with work windows

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria															
12	MM7.6	The project area shall be surveyed for GGS by a Service-approved biologist a maximum of 24 hours prior to construction activities. Surveys of the project area shall be repeated if a lapse in construction activity of two weeks or greater has occurred. If a snake is encountered during construction, activities shall cease until appropriate corrective measures have been completed or it has been determined that the snake will not be harmed. Any sightings and any incidental take shall be reported to the Service immediately by telephone at (916) 414-6600.	Prior to Construction	Qualified Biologists	Placer County	Once prior to construction and as needed during construction	Qualified Biologists															
13	MM7.7	The conservation measures in Table 2 shall be implemented to minimize the effects on GGS of loss and disturbance of habitat. Replacement ratios are based on acreage and duration of disturbance. The project would result in less than 20 ac (i.e., 0.027 ac) of temporary impacts to GGS habitat lasting one season. Thus, these impacts qualify as Level 1, requiring restoration of 0.027 ac of impacted habitat.	Following Construction	Placer County	Placer County	N/A	Comply with Federal Endangered Species Act															
14	MM7.8	<p>The conservation measures in Table 1 below shall be implemented to minimize the effects on GGS of loss and disturbance of habitat. The project will also result in less than 3 ac permanent total loss of aquatic and upland GGS habitat, and less than 1 ac loss of aquatic habitat. These impacts, totaling 0.163 ac, qualify as Level 3.</p> <p>Table 1: Summary of Giant Garter Snake Conservation Measures</p> <table border="1"> <thead> <tr> <th>Impacts: Duration</th> <th>Impacts: Acres</th> <th>Conservation Measure: Compensation</th> </tr> </thead> <tbody> <tr> <td>Level 1 1 season</td> <td>Less than 20 and temporary</td> <td>Restoration</td> </tr> <tr> <td>Level 2 2 seasons</td> <td>Less than 20 and temporary</td> <td>Restoration plus 1:1 replacement</td> </tr> <tr> <td>Level 3 More than 2 seasons and temporary</td> <td>Less than 20 and temporary</td> <td>3:1 Replacement (or restoration plus 2:1 replacement)</td> </tr> <tr> <td>Permanent loss</td> <td>Less than 3 acres total giant garter snake habitat AND Less than 1 acre aquatic habitat; OR Less than 218 linear feet bank habitat</td> <td>3:1 Replacement</td> </tr> </tbody> </table> <p><small>Source: U.S. Fish and Wildlife Service</small></p>	Impacts: Duration	Impacts: Acres	Conservation Measure: Compensation	Level 1 1 season	Less than 20 and temporary	Restoration	Level 2 2 seasons	Less than 20 and temporary	Restoration plus 1:1 replacement	Level 3 More than 2 seasons and temporary	Less than 20 and temporary	3:1 Replacement (or restoration plus 2:1 replacement)	Permanent loss	Less than 3 acres total giant garter snake habitat AND Less than 1 acre aquatic habitat; OR Less than 218 linear feet bank habitat	3:1 Replacement	Prior to Construction	Placer County	Placer County	N/A	Comply with Federal Endangered Species Act
Impacts: Duration	Impacts: Acres	Conservation Measure: Compensation																				
Level 1 1 season	Less than 20 and temporary	Restoration																				
Level 2 2 seasons	Less than 20 and temporary	Restoration plus 1:1 replacement																				
Level 3 More than 2 seasons and temporary	Less than 20 and temporary	3:1 Replacement (or restoration plus 2:1 replacement)																				
Permanent loss	Less than 3 acres total giant garter snake habitat AND Less than 1 acre aquatic habitat; OR Less than 218 linear feet bank habitat	3:1 Replacement																				

10/7

Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
15	MM7.9	The project design would include placing the abutments for the new bridge behind the existing abutments, which would increase aquatic habitat for GGS by approximately 0.023 acres. This additional habitat would partially offset the permanent loss of 0.31 ac of aquatic habitat, resulting in a net loss of aquatic habitat of 0.008 ac; combined with the permanent loss of 0.155 ac of upland habitat, the total permanent loss of GGS habitat (i.e., Level 3 impacts) would be 0.163 ac. Level 3 impacts require 3:1 replacement; thus, 0.489 ac of replacement GGS habitat would be required.	Prior to Construction	Placer County	Placer County	N/A	Compliance with abutment placement requirements
16	MM7.10	<p>Following project completion, all graded areas and areas temporarily disturbed during construction shall be restored following the "FHWA Giant Garter Snake Programmatic Biological Opinion Guidelines for Restoration and/or Replacement of Giant Garter Snake Habitat" outlined below.</p> <p>a. The area shall be hydroseeded. Hydroseed mix shall contain at least 20-40 percent native grass seeds. Some acceptable native grasses include annual fescue (<i>Vulpia spp.</i>), California brome (<i>Bromus carinatus</i>), blue wildrye (<i>Elymus glaucus</i>), and needle grass (<i>Nassella spp.</i>). The seed mix shall also contain 2-10 percent native forb seeds, five percent rose clover (<i>Trifolium hirtum</i>), and five percent alfalfa (<i>Medicago sativa</i>). Approximately 40-68 percent of the mixture may be non-aggressive European annual grasses, such as wild oats (<i>Avena sativa</i>), wheat (<i>Triticum sp.</i>), and barley (<i>Hordeum vulgare</i>). Aggressive non-native grasses shall not be included in the seed mix.</p> <p>b. These grasses include perennial ryegrass (<i>Lolium perenne</i>), cheatgrass (<i>Bromus tectorum</i>), fescue (<i>Festuca sp.</i>), giant reed (<i>Arundo donax</i>), medusa-head (<i>Taeniatherum caput-medusae</i>), or Pampas grass (<i>Cortaderia selloana</i>). Endophyte-infected grasses shall not be included in the seed mix.</p>	Following Construction	Construction Contractor	Placer County	Once following completion of project	Successful restoration of GGS habitat

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
17	MM7.11	Areas restored in accordance with Item 10 shall be monitored for 1 year in accordance with the FHWA Giant Garter Snake Programmatic Biological Opinion Guidelines for Restoration and/or Replacement of Giant Garter Snake Habitat.	Following Construction	Qualified Biologists	Placer County	Regularly for one year post-project	Qualified Biologists
18	MM7.12	The temporary dewatering area in the channel, totaling 0.027 ac, shall be restored by re-contouring any disturbed areas to pre-project conditions.	Following Construction	Construction Contractor	Placer County	Once following construction	Successful restoration of contours
19	MM7.13	All construction shall be conducted during daylight hours.	During Construction	Construction Contractor	Placer County	Continuously during construction	Compliance with work time restrictions
20	MM7.14	Measures consistent with the current Caltrans' Construction Site BMPs Manual (including the SWPPP and Water Pollution Control Program (WPCP) Manuals [http://www.dot.ca.gov/hq/construc/Construction_Site_BMPs.pdf]) shall be implemented to minimize effects to GGS habitat (e.g., siltation, etc.) during construction.	During Construction	Construction Contractor	Placer County	Continuously during construction	Compliance with Construction BMP's
21	MM7.15	A WPCP shall be prepared by the County in accordance with typical provisions associated with a Regional General Permit for Construction Activities (on file with the Central Valley RWQCB). The WPCP shall contain a Spill Response Plan with instructions and procedures for reporting spills, the use and location of spill containment equipment, and the use and location of spill collection materials.	Prior to Construction	Placer County	Placer County	Once prior to construction	Preparation of WPCP
22	MM7.16	The County proposes to purchase 0.075 ac of vernal pool creation credits and a 0.802 ac of vernal pool preservation credits at a conservation bank approved by USFWS to sell vernal pool habitat credits.	Prior to Construction	Placer County	Placer County	N/A	Purchase of credits
23	MM7.17	A preconstruction survey for nesting swallows and tricolored blackbirds shall be conducted in the project area and vicinity by a qualified biologist.	Prior to Construction	Qualified Biologists	Placer County	N/A	Qualified Biologists
24	MM7.18	Prior to the start of the nesting swallow season (March 1 to August 31), exclusion netting (or equivalent material) shall be installed on	Prior to Construction	Placer County	Placer County	Once prior to nesting	Successful establishment

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		the underside of the existing bridge to prevent swallows or other birds from nesting on the bridge. Exclusion structures shall be left in place and maintained until the existing bridge is removed, or August 31, whichever is earlier.	during March 1 to August 31			season and exclusion structures will be maintained during work window	of exclusion netting
25	MM7.19	The new bridge design shall provide similar nesting habitat for swallows as the existing bridge.	Following Construction	Placer County	Placer County	N/A	Qualified Biologists
26	MM7.20	If nesting tricolor blackbirds are found within the BSA a setback of 100 feet from colonial nesting areas shall be established and maintained during the nesting season for the period encompassing nest building and continuing until fledglings leave nests. This setback shall apply whenever construction or other ground disturbing activities must begin during the nesting season in the presence of nests which are known to be occupied. Setbacks shall be marked by brightly colored temporary fencing and maintained until construction is complete or the young have fledged. Alternatively, the setback (if required) may be reduced if a qualified biologist is present to monitor the nest(s) when construction begins. If the biologist determines nesting is not affected by construction activities with the reduced setback, work can proceed. If it is determined that construction activities are adversely affecting the nesting birds with the reduced setback, all construction within 100 feet of a nest shall be halted until the biologist can establish an appropriate setback.	Prior/ During Construction	Qualified Biologists	Placer County	Continuously during construction	Qualified Biologists
27	MM7.21	All constructed slopes and other graded areas resulting from project construction shall be revegetated. Revegetation shall be accomplished through hydroseeding with an approved Caltrans native species seed mix.	Following Construction	Construction Contractor	Placer County	Once prior to completion of project	Successful restoration of vegetation
28	MM7.22	The work area for removal of the bridge abutments shall be dewatered prior to the start of work. Dewatering shall consist of installation of a flow diversion upstream of the bridge to isolate the	Prior to Construction (removal of	Construction Contractor	Placer County	Once prior to construction	Compliance with dewatering

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		base of the pier footings from the live channel. The flow diversion shall consist of using K-rail with visquine, sandbags, or an equivalent method to isolate flows upstream and downstream of the project site. Flows shall be temporarily diverted into a pipe through the work area and then returned to the live channel downstream of the project site.	bridge)				requirements
29	MM7.23	Environmentally sensitive areas (ESA's) shall be designated along the corridor upstream and downstream of the work area, to protect these areas during construction. ESA limits shall be marked using orange construction fencing or equivalent, and shall be maintained until construction is complete.	Prior to Construction	Qualified Biologists	Placer County	Once prior to construction and then maintained during construction	Successful establishment of ESA boundaries
30	MM7.24	Measures consistent with the current Caltrans' Construction BMPs Manual (including the SWPPP and WPCP Manuals [http://www.dot.ca.gov/hq/construc/Construction_Site_BMPs.pdf]) shall be implemented to minimize effects to water quality (e.g., siltation, etc.) during construction.	During Construction	Construction Contractor	Placer County	Continuously during construction	Compliance with Construction BMP's
31	MM7.25	Following construction activities, the channel shall be returned to preconstruction contours (if necessary).	Following Construction	Construction Contractor	Placer County	After construction completion (if needed)	Successful restoration of contours in necessary
32	MM9.1	The contractor will prepare a Spill Prevention and Countermeasure Plan (SPCP) prior to the commencement of construction activities. The SPCP will include information on the nature of all hazardous materials that shall be used on-site. The SPCP shall also include information regarding proper handling of hazardous materials, and clean-up procedures in the event of an accidental release. The phone number of the agency overseeing hazardous materials and toxic clean-up shall be provided in the SPCP.	Prior to Construction	Construction Contractor	Placer County	N/A	Successful preparation implementation of spill prevention and countermeasure plan
	MM9.2	As is the case for any project that proposes excavation, there is the potential for encountering unknown hazardous contamination during project construction. For any previously unknown hazardous waste/material encountered during construction, the Caltrans Construction Hazardous Waste Contingency Plan shall be followed.	Prior to and During Construction	Construction Contractor	Placer County	Continuously during construction	Compliance with Caltrans Construction Hazardous Waste

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Monitoring Item Number	Initial Study Mitigation Measure	Mitigation Measure	Timing	Implementing Party	Monitoring Party	Frequency And Duration of Monitoring	Performance Criteria
		Testing and removal for yellow traffic striping and pavement marking materials shall be conducted in accordance with Caltrans Construction Program Procedure Bulletin 99-2 (CPB 99-2) if the striping is made of thermal plastic. If the yellow traffic striping consists only of paint, no action is necessary.					Contingency Plan

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