

# MEMORANDUM

DEPARTMENT OF PUBLIC WORKS  
County of Placer

TO: BOARD OF SUPERVISORS

DATE: AUGUST 4, 2015

FROM: KEN GREHM

SUBJECT: **INITIAL STUDY MITIGATED NEGATIVE DECLARATION STATE CLEARINGHOUSE  
NO. 2015062008 BREWER ROAD AT PLEASANT GROVE CREEK BRIDGE  
REPLACEMENT PROJECT**

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## **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 Brewer Road Bridge Replacement Project at Pleasant Grove Creek.

## **BACKGROUND/SUMMARY**

The Department of Public Works is proposing to replace the existing 73 year old structurally deficient bridge on Brewer Road at Pleasant Grove Creek. The new bridge will improve the roadway approaches and bring the bridge into compliance with current structural, geometric and hydraulic guideline.

DPW staff has solicited public input for this project by contacting property owners directly adjacent to the project site. A context sensitive design has been designed to provide safe access for residents, emergency vehicles, trucks and other users. Construction is tentatively planned for summer of 2017.

## **ENVIRONMENTAL**

An IS/MND was prepared for this project by Sycamore Environmental Consultants, Inc. in May of 2015, pursuant to the California Environmental Quality Act. One comment was received from the Central Valley Regional Water Quality Control Board during the public review period. The comment was appropriately addressed after the public review period ended on July 2, 2015. The National Environmental Policy Act clearance is being obtained through Caltrans to support federal funding being received for the project.

## **FISCAL IMPACT**

The total project cost is estimated to be \$4,500,000. This project is funded through the Federal HBP Program (100 percent). There are sufficient funds available in the FY 2015-16 and will be recommended in future budgets. There is no net cost to the County.

Attachment 1 – Resolution

Attachment 2 – Location Map

Attachment 3 – Mitigation Monitoring Plan

Mitigated Negative Declaration and Initial Study are on file with the Clerk of the Board

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

In the matter of:

Resol. No: \_\_\_\_\_

A RESOLUTION APPROVING AN INITIAL  
STUDY/MITIGATED NEGATIVE  
DECLARATION (SCH#2015062008) FOR THE  
BREWER ROAD AT PLEASANT GROVE  
CREEK BRIDGE REPLACEMENT PROJECT.

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.

\_\_\_\_\_  
Chair, Board of Supervisors

Attest:

\_\_\_\_\_  
Clerk of said Board

WHEREAS, the existing bridge on Brewer Road at Pleasant Grove Creek 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.

NOW, THEREFORE, BE IT RESOLVED, by the board of Supervisors of the County of Placer , State of California, that this Board approves a Mitigated Negative Declaration (SCH#2015062008) for the Brewer Road at Pleasant Grove Creek Bridge Replacement Project; and

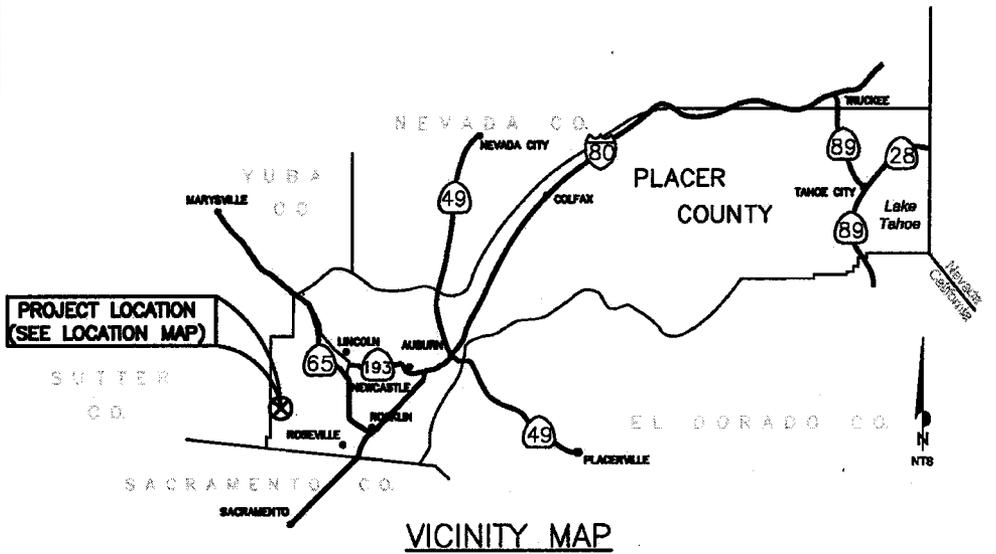
BE IT FURTHER RESOLVED AND ORDERED, make the following findings:

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 control and direction of its preparation.
4. The mitigated 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.

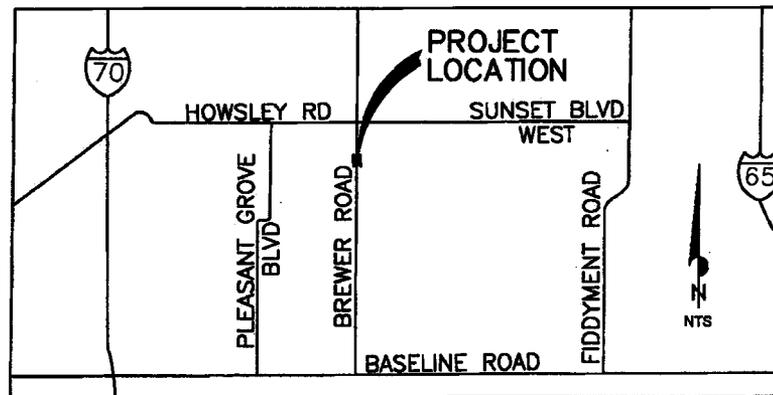
LOCATION MAP

**BREWER ROAD BRIDGE REPLACEMENT AT PLEASANT GROVE CREEK**

**BREWER ROAD BRIDGE REPLACEMENT PROJECT  
VICINITY & LOCATION MAPS**



VICINITY MAP



LOCATION MAP  
NO SCALE

**MITIGATION MONITORING AND REPORTING PLAN  
BREWER ROAD BRIDGE (19C0135) AT PLEASANT GROVE  
CREEK REPLACEMENT PROJECT**

**CEQA LEAD AGENCY:**

**Placer County**

**PREPARED:**

**May 2015**

## **Introduction**

The Placer County Department of Public Works intends to replace the existing Brewer Road Bridge over Pleasant Grove Creek (19C0135) located in unincorporated Placer County. The Project is located along Brewer Road approximately 10 mi northwest of the City of Roseville.

As described in the IS/MND, the Project itself incorporates a number of measures to minimize adverse effects on the environment. The IS/MND also identified several mitigation measures that are required to reduce potentially significant impacts to levels that are less than significant. This Mitigation Monitoring and Reporting Plan (MMRP) describes a program for ensuring that these mitigation measures are implemented in conjunction with the Project. Placer County, as the lead agency under the California Environmental Quality Act (CEQA), is responsible for overseeing the implementation and administration of this MMRP. The County will designate a staff member to manage the MMRP. Duties of the staff member responsible for program coordination will include conducting routine inspections and reporting activities, coordinating with the Project construction contractor, coordinating with regulatory agencies, and ensuring enforcement measures are taken.

## **Regulatory Framework**

California Public Resources Code Section 21081.6 and California Code of Regulations Title 14, Chapter 3, Section 15097 require public agencies to adopt mitigation monitoring or reporting plans when they approve projects under a MND. The reporting and monitoring plans must be adopted when a public agency makes its findings pursuant to CEQA so that the mitigation requirements can be made conditions of Project approval.

## **Format of This Plan**

Mitigation measures are followed by an implementation description, the criteria used to determine the effectiveness of the mitigation, the timeframe for implementation, and the party responsible for monitoring the implementation of the measure. Implementation of mitigation measures is ultimately the responsibility of the County; during construction, the delegated responsibility is shared by County's contractors

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria						
Biological Resources	BIO-1	<p><b>Vernal Pool Fairy Shrimp (VPFS) &amp; Vernal Pool Tadpole Shrimp (VPTS)</b></p> <ul style="list-style-type: none"> <li>Temporarily disturbed areas will be revegetated and reseeded in accordance with the Revegetation Planting and Erosion Control Specifications in Appendix E of the Project NES (Sycamore Environmental 2015a).</li> <li>The County will purchase mitigation credits at a USFWS-approved mitigation bank for impacts to VPFS and VPTS. Mitigation credits for 'preservation' will be purchased at a ratio of three credits per acre impacted (3:1). Below is a table of the proposed credits.</li> </ul> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Impact Acreage</th> <th>Mitigation Ratio for Preservation</th> <th>Acreage of Preservation Credits</th> </tr> </thead> <tbody> <tr> <td>0.009</td> <td>3:1</td> <td>0.027</td> </tr> </tbody> </table>	Impact Acreage	Mitigation Ratio for Preservation	Acreage of Preservation Credits	0.009	3:1	0.027	Prior to Construction	Placer County/ Contractor	Placer County	Once Prior to Construction	Proof of Purchase of mitigation credits.
Impact Acreage	Mitigation Ratio for Preservation	Acreage of Preservation Credits											
0.009	3:1	0.027											
Biological Resources	BIO-2	<p><b>Central Valley Steelhead DPS</b></p> <p>The following measures will be implemented to avoid and minimize impacts to California Central Valley steelhead. These measures are based on the NMFS list of recommendations to minimize impacts and adverse effects on federal-listed anadromous fish.</p> <ul style="list-style-type: none"> <li>During construction, water quality will be protected by implementation of BMPs consistent with the Caltrans Stormwater Quality Handbooks (Caltrans 2011a) to minimize the potential for siltation and downstream sedimentation of Pleasant Grove Creek.</li> <li>Riparian woodland vegetation will be avoided and preserved to the maximum extent practicable.</li> <li>Equipment will be refueled and serviced at designated construction staging areas. All construction material will be stored and contained in a designated area that is located away from channels to prevent transport of materials into the adjacent Pleasant Grove Creek. The preferred distance is a minimum 100 feet from the wetted width of the creek. A silt fence will be installed to collect any discharge, and adequate materials for spill cleanup will be kept on site. Construction vehicles and equipment will be maintained to prevent contamination of soil and water from external grease and oil and from leaking hydraulic fluid, fuel, oil, and grease.</li> <li>The temporary diversion structure will be designed so that fish passage is maintained through the Project area. The diversion will not create an</li> </ul>	Construction and Post Construction Phases	Placer County/ Contractor	Placer County	Throughout Construction	Effective BMPS implemented						

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		<p>impassible barrier. The contractor will prepare a creek dewatering plan that complies with any applicable permit conditions.</p> <ul style="list-style-type: none"> <li>If pumps are used to temporarily divert or dewater a stream to facilitate construction, an acceptable fish screen must be used to prevent entrainment or impingement of small fish. Potential contact between fish and pump will be minimized and/or avoided by constructing an open basin prior to commencing dewatering.</li> <li>Construction of the bridge will take one season. All disturbed soils in the Project area will undergo erosion control treatment prior to October 15 and/or immediately after construction is terminated at the completion of the Project. Treatment includes temporary seeding and the application of sterile straw mulch. Any disturbed soils on a gradient greater than 30 percent will have erosion control blankets installed.</li> </ul>					
Biological Resources	BIO-3	<p><b>Western Spadefoot</b></p> <ul style="list-style-type: none"> <li>A preconstruction survey for reptiles and amphibians of special concern will be conducted within 24 hours prior to construction.</li> <li>A qualified biologist will monitor excavation for the roadside ditches in the grassland community and excavation for the abutments in Pleasant Grove Creek.</li> <li>Environmentally Sensitive Areas (ESAs) will be established along the boundaries of the Project area in the vicinity of Pleasant Grove Creek to exclude construction activities from the aquatic habitat that is not to be affected. Temporary orange construction fencing or equivalent will be installed to define the limits of the ESA.</li> </ul>	Construction Phase	Placer County/ Qualified Biologist	Placer County/ Qualified Biologist	Throughout Construction	Qualified Biologist
Biological Resources	BIO-4	<p><b>Western Pond Turtle (WPT)</b></p> <ul style="list-style-type: none"> <li>During construction, if a WPT is observed in the active construction zone, construction will cease and a qualified biologist will be notified. Construction will resume when the biologist has either relocated the WPT out of the construction zone to nearby suitable habitat, or, after thorough inspection, determined that the WPT has moved away from the construction zone.</li> </ul>	Construction Phase	Placer County/ Contractor	Placer County/ Qualified Biologist	Throughout Construction	Qualified Biologist
Biological Resources	BIO-5	<p><b>Giant Garter Snake</b></p> <p>The following avoidance and minimization efforts are based on the Programmatic Biological Opinion between FHWA and USFWS for effects of small highway</p>	Pre-Construction and Construction Phases	Placer County/ Contractor	Placer County/ Qualified Biologist	Prior to and Throughout Construction	Qualified Biologist

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		<p>projects on GGS (the Programmatic; USFWS 2005a) and avoidance and minimization measures provided by Jason Hanni of the USFWS.</p> <ul style="list-style-type: none"> <li>• During construction operations, stockpiling of construction materials, portable equipment, vehicles, and supplies will be restricted to the designated construction staging areas and all operations will be confined to the minimal area necessary.</li> <li>• To the maximum extent possible, movement of heavy equipment will be confined to existing roadways to minimize habitat disturbance.</li> <li>• Best Management Practices will be implemented to minimize the potential for erosion and sedimentation into nearby waterbodies.</li> <li>• Construction activity within GGS habitat will be conducted between 1 May and 1 October. This is the active period for GGS and direct mortality is lessened, because snakes are expected to actively move and avoid danger. If construction becomes necessary between 2 October and 30 April, the Sacramento USFWS will be contacted to determine if additional measures are necessary to minimize and avoid take.</li> <li>• Clearing will be confined to the minimal area necessary to facilitate construction activities. Avoided GGS habitat within or adjacent to the Project area will be flagged as Environmentally Sensitive Areas. These areas will be avoided by all construction personnel. The fencing shall be inspected before the start of each work day and maintained by the Contractor until completion of the project.</li> <li>• A USFWS-approved biologist shall conduct a Worker Environmental Awareness Training Program for all construction personnel, including contractors, prior to the commencement of construction activities. The training will instruct workers to recognize GGS and their habitat and understand required avoidance measures and measures to be taken if a GGS is found.</li> <li>• Twenty-four hours prior to construction activities in GGS habitat, the Project area will be surveyed for GGS by a USFWS-approved biologist. The biologist will provide the USFWS with a written report that adequately documents the monitoring efforts within 24 hours of commencement of construction activities. Survey of the Project area will be repeated if a lapse in construction activity of two weeks or greater has occurred.</li> <li>• If a GGS 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. The biologist will notify the</li> </ul>					

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		<p>USFWS immediately to determine the appropriate procedures related to the collection and relocation of the snake. Any sightings and any incidental take will be reported to the USFWS within one business day. The report will include the date(s), location(s), habitat description, and any corrective measures taken to protect the snake. The biologist will be required to report any take of listed species to the USFWS by telephone at 916-414-6600 and by electronic mail or written letter addressed to the Chief, Sacramento Valley Division, within one business day of the incident.</p> <ul style="list-style-type: none"> <li>Any dewatered habitat will remain dry for at least 7 consecutive days between 30 April and 1 October, and prior to excavating or filling of the dewatered habitat.</li> <li>Project-related vehicles will observe a 20-mile-per-hour speed limit within the construction areas, except on existing paved roads where they will adhere to the posted speed limits.</li> <li>After completion of construction activities, any temporary fill and construction debris will be removed and, wherever feasible, disturbed areas will be restored to pre-project conditions. Restoration work may include such activities as replanting species removed from banks or replanting emergent vegetation in the active channel.</li> <li>A photo-documentation report showing pre- and post-project area conditions will be submitted to the USFWS one month after the implementation of the restoration.</li> </ul>					
Biological Resources	BIO-6	<p><b>Migratory Birds and Birds of Prey</b></p> <p>Under the MBTA, nests that contain eggs or unfledged young are not to be disturbed during the breeding season. Nesting or attempted nesting by migratory birds and birds-of-prey is anticipated from 15 February to 1 September</p> <p><b>Swallows :</b> In California, bridge-nesting swallows typically arrive in mid-February, increase in numbers until late March, and remain until October. Nesting begins in April, peaks in June, and continues into August. Measures should be taken to prevent establishment of cliff swallow nests prior to construction. Techniques to prevent nest establishment include using exclusion devices, removing and disposing of partially constructed and unoccupied nests of migratory or nongame birds on a regular basis to prevent their occupation, or perform any combination of these. This can be done by:</p> <ul style="list-style-type: none"> <li>The contractor can visit the site weekly and remove partially completed nests using either hand tools or high pressure water; and/or</li> </ul>	Pre-Construction and Construction Phases	Placer County/ Contractor	Placer Count/ Qualified Biologist	Once Prior to Construction and During Construction	Qualified Biologist

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria				
		<ul style="list-style-type: none"> <li>Hang netting from the bridge before nesting begins. If this technique is used, netting should be in place from late February until project construction begins.</li> </ul> <p><b>Birds of Prey and Birds Protected by the Migratory Bird Treaty Act</b></p> <ul style="list-style-type: none"> <li>If construction begins outside the 15 February to 1 September breeding season, there will be no need to conduct a preconstruction survey for active nests.</li> <li>Trees scheduled for removal should be removed during the non-breeding season from 1 September to 31 January.</li> <li>If construction is scheduled to begin between 15 February and 1 September, a biologist shall conduct a survey for active bird of prey nests within 250 ft and active MTBA bird nests within 100 ft of the Project area from publicly accessible areas within one week prior to construction. The measures listed below shall be implemented based on the survey results.</li> </ul> <p><i>No Active Nests Found:</i></p> <ul style="list-style-type: none"> <li>If no active nest of a bird of prey, MBTA bird, or other CDFW protected bird is found, then no further avoidance and minimization measures are necessary.</li> </ul> <p><i>Active Nests Found:</i></p> <ul style="list-style-type: none"> <li>If an active nest of a bird of prey, MBTA bird, or other CDFW protected bird is discovered that may be adversely affected by construction activities or an injured or killed bird is found, immediately:               <ol style="list-style-type: none"> <li>Stop all work within a 100-ft radius of the discovery.</li> <li>Notify the Engineer.</li> <li>Do not resume work within the 100-ft radius until authorized.</li> </ol> </li> <li>The biologist shall establish a minimum 250-ft Environmentally Sensitive Area (ESA) around the nest if the nest is of a bird of prey, and a minimum 100-ft ESA around the nest if the nest is of an MBTA bird other than a bird of prey.</li> </ul> <p>Bird Species Protection Areas</p> <table border="1" data-bbox="506 1306 1163 1389"> <thead> <tr> <th data-bbox="506 1306 856 1348">Protected Bird Type</th> <th data-bbox="856 1306 1163 1348">Size of Protection Area (ESA)</th> </tr> </thead> <tbody> <tr> <td data-bbox="506 1348 856 1389"><i>Bird of prey</i></td> <td data-bbox="856 1348 1163 1389"><i>250 ft no-disturbance buffer</i></td> </tr> </tbody> </table>	Protected Bird Type	Size of Protection Area (ESA)	<i>Bird of prey</i>	<i>250 ft no-disturbance buffer</i>					
Protected Bird Type	Size of Protection Area (ESA)										
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Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria		
		<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"><i>MBTA protected bird (not bird of prey)</i></td> <td style="width: 50%;"><i>100 ft no-disturbance buffer</i></td> </tr> </table> <ul style="list-style-type: none"> <li>• Activity in the ESA will be restricted as follows:               <ol style="list-style-type: none"> <li>1. Do not enter the ESA unless authorized.</li> <li>2. If the ESA is breached, immediately:                   <ol style="list-style-type: none"> <li>a. Secure the area and stop all operations within 60 feet of the ESA boundary.</li> <li>b. Notify the Engineer.</li> </ol> </li> <li>3. If the ESA is damaged, County determines what efforts are necessary to remedy the damage and who performs the remedy.</li> </ol> </li> <li>• No construction activity will be allowed in the ESA until the biologist determines that the nest is no longer active, or unless monitoring determines that a smaller ESA will protect the active nest.</li> <li>• The size of an ESA may be reduced if the biologist monitors the construction activities and determines that no disturbance to the active nest is occurring. Reduction of ESA size depends on the species of bird, the location of the nest relative to the project, project activities during the time the nest is active, and other project-specific factors.</li> <li>• Between 15 February and 1 September, if additional trees or shrubs need to be trimmed and/or removed after construction has started, a survey will be conducted for active nests in the area to be affected. If an active nest is found, the above measures will be implemented.</li> <li>• If an active nest is identified in or adjacent to the construction zone after construction has started, the above measures will be implemented to ensure construction is not causing disturbance to the nest.</li> </ul>	<i>MBTA protected bird (not bird of prey)</i>	<i>100 ft no-disturbance buffer</i>					
<i>MBTA protected bird (not bird of prey)</i>	<i>100 ft no-disturbance buffer</i>								
Biological Resources	BIO-7	<p><b>Burrowing Owl</b></p> <ul style="list-style-type: none"> <li>• A qualified biologist will conduct Take Avoidance Surveys in accordance with Appendix D of the Staff Report on Burrowing Owl Mitigation (CDFW 2012). An initial Take Avoidance Survey will be conducted no less than 14 days prior to initiating ground disturbance activities and a final survey will be conducted within 24 hours prior to ground disturbance.</li> </ul>	Pre-Construction	Placer County	Placer County/ Qualified Biologist	Once Prior to Construction	Qualified Biologist		

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		<ul style="list-style-type: none"> <li>• The preconstruction survey for burrowing owls will include all potential burrowing owl habitat within 500 ft of the project. Portions of the survey area located on private land will be surveyed from all publicly accessible areas.</li> <li>• If active burrowing owl burrows are found, the following measures shall be implemented: <ul style="list-style-type: none"> <li>○ During the non-breeding season (1 September through 31 January), the biologist shall establish a 160 ft ESA around the burrow. During the breeding season (1 February through 31 August), the biologist shall establish a 250 ft ESA around the burrow in consultation with CDFW.</li> <li>○ The size of the ESA may be reduced if the biologist monitors the construction activities and determines that no disturbance to the burrowing owl is occurring. Reduction of ESA size depends on the location of the burrow relative to the project, project activities during the time the burrow is active, and other project-specific factors.</li> <li>○ If the burrow is located within the construction zone and it is during the non-breeding season, the burrowing owl can be passively excluded from the burrow using one-way doors, as described in the Exclusion Plan of Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012).</li> <li>○ If the burrow is located within the construction zone and it is during the breeding season, the burrow owl can only be passively excluded if it has been confirmed that the owl has not begun egg laying and incubation, the clutch was unsuccessful, or juveniles from the occupied burrows are foraging independently and are capable of independent survival.</li> </ul> </li> </ul>					
Biological Resources	BIO-8	<p><b>Swainson's hawk</b></p> <ul style="list-style-type: none"> <li>• The preconstruction survey for nesting Swainson's hawk will be timed in accordance with the Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys In California's Central Valley (Swainson's Hawk TAC 2000). The survey area will include the Project area and a 0.25 mile radius around the Project area. Portions of the survey area located on private land will be surveyed from all publicly accessible areas.</li> </ul>	Pre-Construction	Placer County	Qualified Biologist	Once Prior to Construction	Qualified Biologist

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		<ul style="list-style-type: none"> <li>If a nesting Swainson's hawk is found within 0.25 mile of the Project area, CDFW will be contacted to confirm monitoring and avoidance buffers.</li> </ul>					
Biological Resources	BIO-9	<p><b>Riparian Woodland &amp; Native Trees (Upland)</b></p> <ul style="list-style-type: none"> <li>The Project will minimize impacts to the riparian woodland by marking the limits of construction with temporary fencing.</li> <li>Tree removal (riparian and upland) will be minimized to the extent possible. Trucks and other vehicles will not be allowed to park beyond, nor shall equipment be stored beyond, the fencing.</li> <li>No vegetation removal or ground disturbing activities will be permitted beyond the fencing.</li> <li>The applicant will obtain a tree permit prior to removal of the native trees (riparian and upland) per Placer County Code. Placer County will pay the in lieu fee to the County tree preservation fund for native trees removed.</li> </ul>	Pre-Construction and Construction Phases	Placer County/ Contractor	Placer County	Prior to and during Construction	Tree Removal Permit and Proof of Payment of mitigation fees.
Biological Resources	BIO-10	<p><b>Waters of the U.S.</b></p> <ul style="list-style-type: none"> <li>The County will purchase mitigation credits at a Corps-approved mitigation bank for temporary and permanent impacts to Pleasant Grove Creek and seasonal wetlands affected by the Project.</li> <li>Temporary fencing will be installed between the construction limits and the seasonal wetland.</li> </ul>	Pre-Construction	Placer County/ Contractor	Placer County	Prior to Construction	Proof of Purchase of mitigation credits.
Cultural Resources	CULT-1	<ul style="list-style-type: none"> <li>If paleontological resources are discovered during earth-moving activities, the contractor will immediately cease work in the vicinity of the find, and the County Department of Public Works will be notified. A qualified paleontologist will evaluate the resource and prepare a mitigation plan in accordance with Society of Vertebrate Paleontology guidelines. The proposed mitigation plan may include a field survey of additional construction areas, sampling and data recovery procedures, museum storage coordination for any specimen recovered, and a report of findings. Recommendations determined by the lead agency to be necessary and feasible will be implemented before construction activities can resume at the site where the paleontological resources were discovered.</li> <li>Implement Public Resources Code Section 5097.5 et seq. Pursuant to Public Resources Code Section 5097.5 no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological or vertebrate</li> </ul>	During Construction	Placer County/ Contractor	Placer County	Throughout Construction	NA

Environmental Factor	Mitigation Measure #	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency & Duration	Performance Criteria
		paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.					
Cultural Resources	CULT-2	<ul style="list-style-type: none"> <li>Implement State Health and Safety Code Section 7050.5. If human remains are discovered, State Health and Safety Code Section 7050.5 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains, and the County Coroner contacted.</li> <li>Implement Public Resources Code Section 5097.9 et seq. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). Further provisions of PRC 5097.9 et seq are to be followed as applicable.</li> <li>Implement Public Resources Code Section 5097.5 et seq. Pursuant to Public Resources Code Section 5097.5 no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.</li> </ul>	During Construction	Placer County/ Contractor	Placer County	Throughout Construction	NA
Hazards and Hazardous Materials	HAZ-1	<ul style="list-style-type: none"> <li>Contract provisions will require the existing paint system be handled in accordance with Caltrans Standard Special Provisions for removal of paint systems (Provision 14-11.08, Disturbance of Existing Paint Systems on Bridges).</li> <li>Contract provisions will require soils material be handled in accordance with Caltrans Standard Special Provision 7-1.02K(6)(j)(iii), for Earth Material Containing Lead.</li> </ul>	During Construction	Placer County/ Contractor	Placer County	Throughout Construction	NA

