MITIGATION MONITORING PROGRAM

Sonoma County Permit and Resource Management Department

2550 Ventura Ave, Santa Rosa, CA 95403

(707) 565-1900 Fax (707) 565-1103

Pursuant to Section 21081.6 of the Public Resources Code, the mitigation measures listed in this program are to be implemented as part of the project. This program identifies the time at which each mitigation measure is to be implemented and the person(s) responsible. The signature of each responsible person will indicate completion of their portion of the mitigation measure.

Project:	Asti Permanent Bridge Construction Project
Project Applicant:	Sonoma County Public Infrastructure Department
Location:	Washington School Road between Asti Road and River Road over the Russian River near the community of Asti in Sonoma County

Lead Agency:	Sonoma County	**Decision Making Body:**	Board of Supervisors
P.P.R #		**Date Approved:**	September 10, 2024
SCH #	2024051224	**Contact Person(s):**	Jackson Ford

Time of Implementation

Design:	The mitigation measure will be incorporated into the project design and/or included in the plans and contract special provisions prior to awarding a construction contract.
Pre-Construction:	The mitigation measure will be implemented before construction begins.
Construction:	The mitigation measure will be implemented during construction.
Post-Construction:	The mitigation measure will be implemented after project construction.

Responsible Persons

The Permit and Resource Management Department will designate an Environmental Specialist. The Department of Transportation and Public Works will designate a Design Engineer and a Construction Engineer.

The Environmental Specialist will certify that a review of the project and plans and specifications was made with the Design Engineer prior to advertising for construction bids or otherwise initiating project construction. The Design Engineer will identify how each mitigation measure has been incorporated into the project. The Construction Engineer (or other person identified in the program) will certify that the mitigation measure has been implemented.

Environmental Record

Before the construction contract is awarded, the Design Engineer will forward the mitigation monitoring program to the Construction Engineer, with a copy to the Environmental Specialist. At completion of construction the Construction Engineer will return the original signed mitigation monitoring program to the Environmental Specialist for filing.

RECORD OF COMPLIANCE

The Environmental Specialist has reviewed the project design and plans and specifications with the Design Engineer to assure that the responsibility for completion of the mitigation measures has been assigned and plans and specifications incorporate the appropriate mitigation measures.

Environmental Specialist _____ date_____

Mitigation Measure VIS-1

The County will or has incorporated the following measure to avoid or minimize visual impacts:

- Retaining walls would be installed along the bridge approaches to reduce the project impacts on oak trees and other vegetation.

Time of Implementation: Design, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure VIS-2

The County will or has incorporated the following measure to avoid or minimize visual impacts:

- Vegetation removal would be minimized to the extent feasible. Vegetated areas temporarily disturbed by the project would be restored following project construction using a context sensitive design that is visually compatible with the surrounding landscape.

Time of Implementation: Design, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure VIS-3

The County will or has incorporated the following measure to avoid or minimize visual impacts:

- Tree removal would be minimized to the extent feasible. Removed trees would be replaced on site and off site in accordance with CDFW-required ratios, which are listed in BIO-5. Tree replacement would screen the bridge structure from public views where possible. It is anticipated that approximately 43 riparian trees will be planted on site as part of upland habitat creation and enhancement.

Time of Implementation: Design, Construction

Method:
- X Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- X County forces
- Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure VIS-4

The County will or has incorporated the following measure to avoid or minimize visual impacts:

- Staging areas would be located away from the public view where feasible. These areas would be fenced to reduce visibility and would be kept clean and orderly. Soil and debris piles would be covered when not in active use.

Time of Implementation: Design, Construction

Method:
- Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure VIS-5

The County will or has incorporated the following measure to avoid or minimize visual impacts:

- The bridge design would incorporate design elements to better harmonize the bridge with its surroundings by darkening the superstructure and substructure concrete, using bridge barriers and guard railing with more natural color tones or strategically stamping the bridge/retaining wall concrete to add compatible visual interest and texture to elements visible from the approach roadways and recreational river users.

Time of Implementation: Design, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-1

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) would be watered a minimum of two times per day.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Construction/Design Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-2

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All haul trucks transporting soil, sand, or other loose material off-site would be covered.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-3

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All visible mud or dirt track-out onto adjacent public roads would be removed by using wet power vacuum street sweepers at least once per day. The use of dry power sweeping would be prohibited.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-4

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All vehicle speeds on unpaved roads would be limited to 15 mph.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-5

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All roadways, driveways, and sidewalks to be paved would be completed as soon as possible.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-6

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- Idling times would be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage would be provided for construction workers at all access points.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-7

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- All construction equipment would be maintained and properly tuned in accordance with manufacturer specifications. All equipment would be checked by a certified mechanic and determined to be running in proper condition prior to operation.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure AQ-8

The County will or has incorporated the following measure to avoid or minimize construction generated emissions:

- Publicly-visible signage would be posted with the telephone number and person to contact at the County regarding dust complaints. The County staff person would respond and take a corrective action within 48 hours. The BAAQMD's phone number would also be visible to ensure compliance with applicable regulations.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-1

The County will or has incorporated the following measure to avoid or minimize impacts on special-status plants:

- No more than a year prior to construction, a qualified biologist would conduct a preconstruction plant survey within the construction area to reconfirm presence and/or absence of special-status plant species within the project area. Surveys would be conducted during the appropriate blooming period (typically March to July) for species with potential to be in the construction area.

Time of Implementation: Design, Pre-Construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Construction/Design Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-2

The County will or has incorporated the following measure to avoid or minimize impacts on special-status plants:

- If a special-status plant is found during pre-construction surveys, high visibility environmentally sensitive area (ESA) protective fencing would be installed around the special-status plants to prevent construction staff or equipment from entering this area. The ESA protective fencing buffer would be species specific, with a minimum buffer radius based on the guidance from a qualified biologist. If resources cannot be avoided, biologist would collect seed to be disbursed within suitable habitat areas within the site for reestablishment.

Time of Implementation: Design, Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-3

The County will or has incorporated the following measure to avoid or minimize impacts on special-status plants:

- If it is determined that special-status plants cannot be avoided, a species-specific mitigation plan will be prepared by a qualified biologist. All efforts will be made to mitigate on site as part of the project restoration efforts through plant relocation and/or seed collection and dispersal. A qualified biologist will ensure areas are revegetated and/or reseeded within suitable existing habitat for specific species impacted. If these methods are not feasible, then off-site restoration and/or payment into an agency-approved mitigation bank would be implemented in coordination with regulatory agencies. The plan will be prepared and approved prior to project completion.

Time of Implementation: Design, Pre-construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-4

The County will or has incorporated the following measure to avoid or minimize impacts on special-status plants:

- On-site revegetation efforts will be monitored and maintained as necessary for five years. At the end of the five years of monitoring, with at least three years without supplemental irrigation, each category of plantings (e.g., oaks, other trees, shrubs, etc.) will have a minimum of 85 percent survival at the end of the minimum monitoring period.

Time of Implementation: Post-construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-5

The County will or has incorporated the following measure to avoid or minimize impacts on special-status plants:

- Tree removal would be minimized to the extent feasible. Removal of trees will be mitigated on site or off site at East Austin Creek Mitigation Bank at the following ratios:
  - 1:1 for removal of non-native trees;

- 1:1 for removal of native trees up to three inches diameter at breast height (DBH);
- 3:1 for removal of native trees between three and six inches DBH;
- 6:1 for removal of native trees greater than six inches DBH
- 4:1 for removal of oak trees up to six inches DBH;
- 8:1 for removal of oak trees between six and 15 inches DBH; and
- 10:1 for removal of oak trees greater than 15 inches DBH.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-6

The County will or has incorporated the following measure to avoid or minimize impacts on special-status invertebrate species:

- Within 48 hours prior to construction, a qualified biologist would survey all areas where vegetation removal would be conducted to confirm the presence/absence of the special-status invertebrates.

Time of Implementation: Pre-Construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-7

The County will or has incorporated the following measure to avoid or minimize impacts on

special-status invertebrate species:

- If a special-status invertebrate nest is identified within the project area, high visibility ESA protective fencing would be installed around the nest to prevent construction staff or equipment from entering this area. The ESA protective fencing buffer would be species specific, with a minimum buffer radius based on the guidance from a qualified biologist. If resource cannot be avoided, nests would be relocated to suitable habitat near the project area in consultation with appropriate resource agencies as applicable.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measures BIO-8

The County will or has incorporated the following measure to avoid or minimize impacts on special-status invertebrate species:

- If a special-status invertebrate is identified within the project area, areas temporarily impacted during construction would be restored using native species using one or more of the food plant genera, as appropriate for the region.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-9

The County will or has incorporated the following measure to avoid or minimize impacts on special-status fish species and critical habitat:

- Project activities within the active flow of the Russian River would be limited to between June 15 and October 15.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-10

The County will or has incorporated the following measure to avoid or minimize impacts on special-status fish species and critical habitat:

- A NOAA Fisheries approved fish biologist would be onsite prior to and during any activities within the wetted channel to rescue and relocate any fish, via block netting or e-fishing, that are observed in an isolated area during active de-watering. Rescued fish would be relocated to suitable areas within the Russian River downstream of the project area.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

X Other (specify): NOAA Fisheries Approved Fish Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-11

The County will or has incorporated the following measure to avoid or minimize impacts on special-status fish species and critical habitat:

- Installation of the temporary water diversion, including temporary dams or artificial obstructions, would be constructed with materials that would cause little to no siltation within the Russian River, such as cleaned river gravel. Flows within the Russian River would be diverted in such a way that prevents and/or minimizes downstream turbidity. Flows to downstream reaches of the Russian River would be uninterrupted to ensure support for aquatic wildlife and maintain an ideal temperature to support fish upstream and downstream of the temporary water diversion.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-12

The County will or has incorporated the following measure to avoid or minimize impacts on special-status fish species and critical habitat:

- No heavy equipment would be operated within the Russian River where surface water is present.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-13

The County will or has incorporated the following measure to avoid or minimize impacts on special-status fish species and critical habitat:

- Mitigation for permanent impacts on critical habitat will be accomplished through on-site creation, restoration, and enhancement. Mitigation will be at a minimum ratio of 1:1 for temporary impacts and 3:1 for permanent impacts; however, the final ratio will be established through consultation and coordination with regulatory agencies during the permitting process. It is anticipated that approximately 0.007 acre of habitat creation and 0.021 acre of habitat enhancement would be conducted within the ordinary high water mark of the river channel. Mitigation for permanent impacts on aquatic species and their critical habitat will be combined with mitigation for jurisdictional features and native communities, as appropriate.

Time of Implementation: Design, Construction

Method:
X Incorporated into the project design
X Included in the project plans and specifications (contractor will implement)
X County forces
X Other (specify) Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-14

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- At least two weeks prior to the commencement of ground-disturbing activities, the construction area and a minimum 500-foot radius surrounding the construction area, would be assessed by a qualified biologist for the presence of suitable habitat for special-status amphibians, including foothill yellow-legged frog – north coast distinct population segment (DPS), California red-legged frog, and red-bellied newt. Habitat features may include aquatic habitat, such as plunge pools and ponds, and terrestrial habitat, such as burrows or other refugia. Any burrows and refugia sites observed during pre-construction surveys would be flagged or otherwise marked for avoidance. These areas would be avoided to the extent feasible.

Time of Implementation: Design, Pre-Construction, Construction

Method:
Incorporated into the project design
X Included in the project plans and specifications (contractor will implement)
X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-15

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- If habitat is identified during initial surveys, a qualified biologist would complete preconstruction surveys no more than 48 hours prior to construction to determine the presence or absence of special-status amphibian species in the project area. The results of the habitat feature assessment and survey shall be submitted to the CDFW for written acceptance prior to starting project activities.

Time of Implementation: Pre-Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-16

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- Work areas would be encompassed by temporary exclusion fencing to limit species ability to move into construction zones. The fence would be made of a smooth material that does not allow wildlife to climb or pass through, of a minimum above-ground height of 30 inches, and the bottom would be buried to a depth of at least six inches so that individuals cannot crawl under the fence. Installation of the fence would be monitored by a qualified biologist with experience with these species, who would check the fence alignment prior to vegetation clearing and fence installation to ensure no sensitive species are present. The protective fencing would be checked daily to ensure it is in

	working order and no wildlife is trapped.

Time of Implementation: Pre-Construction, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-17

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- Any burrows and refugia sites observed during pre-construction surveys would be flagged or otherwise marked for avoidance. These areas would be avoided to the extent feasible.

Time of Implementation: Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-18

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- If a California red-legged frog is encountered during the assessment or construction activities, all activities would be halted and no work would proceed. The CDFW would

	be notified immediately and no work would be re-initiated until the frog, through its own volition, moves out of harm's way and CDFW has provided permission in writing to proceed with construction activities. If a California red-legged frog is encountered and/or the qualified biologist determines that impacts on the species are likely, consultation with the USFWS would be conducted pursuant to the Federal Endangered Species Act and written approval would be obtained from CDFW prior to the impact. Any additional protection measures requested through this consultation would be implemented as part of the project.

Time of Implementation: Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

	Mitigation Measure BIO-19 The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species: • If the California red-legged frog and/or foothill yellow-legged frog is found in the construction area, the encounter would be treated on a case-by-case basis in coordination with regulatory agencies, but the general procedure would be as follows: 1) work would immediately be suspended in the vicinity of the frog; 2) a qualified biologist would evaluate the animal; 3) the animal would not be disturbed if it is not in danger and would be allowed to exit the construction site on its own.

Time of Implementation: Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-20

The County will or has incorporated the following measure to avoid or minimize impacts on special-status amphibian species:

- To prevent inadvertent entrapment of the special-status wildlife species or other animals during construction, all excavated, steep-walled holes or trenches more than six inches deep would be provided with one or more escape ramps constructed of earthen fill or wooden planks. Before such holes or trenches are filled, they would be thoroughly inspected for trapped animals by a qualified biologist.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-21

The County will or has incorporated the following measure to avoid or minimize impacts on special-status reptile species:

- A qualified biologist would complete pre-construction surveys no more than 48 hours prior to construction to determine the presence or absence of northwestern pond turtle in the project area. Surveys would be repeated if construction activities are suspended for five days or more. If these species are identified onsite, appropriate measures would be developed and implemented to avoid impacts on this species, in consultation with appropriate resource agencies as applicable. Measures may include relocating individuals to outside the project area, limiting construction within the project area to avoid impacting these species, or other measures as determined by a qualified biologist in coordination with regulatory agencies.

Time of Implementation: Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-22

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bird species:

- Trimming and removal of vegetation would be minimized and performed outside of the nesting season (February 1 to September 15), to the extent feasible. In the event that trimming or removal of vegetation and/or initial ground disturbance must be conducted during the nesting season, nesting bird surveys would be completed within 500 feet of the construction area (typically 500 feet for raptors and 300 feet for other birds), by a qualified biologist no more than 72 hours prior to activities. Surveys would be repeated if construction activities are suspended for five days or more.

Time of Implementation: Design, Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-23

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bird species:

- Active bird nest sites found within 500 feet of the construction area would be designated as ESA and protected (while occupied) during construction with an appropriate buffer. Buffer distances for bird nests would be site specific and an appropriate distance, as determined by a qualified biologist. The buffer distances would be specified to protect the bird's normal behavior thereby preventing nesting failure or abandonment. The buffer

	distance recommendation would be developed after field investigations that evaluate the bird(s) apparent distress in the presence of people or equipment at various distances. The qualified biologist would have authority to order the cessation of all nearby project activities if the nesting bird(s) exhibits signs of distress. A qualified biologist would monitor the behavior of the bird(s) at the nest site to ensure that they are not disturbed by construction activities. Nest monitoring would continue during construction until the young have fully fledged, as determined by the qualified biologist, unless otherwise approved in writing by CDFW.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

	Mitigation Measure BIO-24 The County will or has incorporated the following measure to avoid or minimize impacts on special-status bird species: • A qualified biologist would conduct a habitat assessment for wintering burrowing owl, and surveys where habitat is present. The qualified biologist shall follow the California Department of Fish and Game (now CDFW) 2012 Staff Report on Burrowing Owl Mitigation (CDFW 2012 Staff Report) habitat assessment and survey methodology prior to construction activities occurring during the burrowing owl wintering season (September 1 to January 31).

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-25

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bird species:

- Burrowing owls would be avoided pursuant to the buffer zone prescribed in the CDFW 2012 Staff Report, unless otherwise approved in writing by CDFW, and any eviction plan would be subject to CDFW review. Non-standard and reduced distance construction zone buffers may be proposed where a site-specific analysis indicates that the nesting pair(s) or wintering owl(s) would not be adversely affected by construction activities. The analysis would be submitted to CDFW for review before non-standard buffers are utilized. If a smaller buffer is approved by CDFW, the qualified biologist would conduct monitoring for a minimum of 10 consecutive days following the initiation of construction to verify that construction activities are not resulting in disturbance of nesting owls (e.g., changes in behavioral patterns, reactions to noise), and to verify that the burrows are not in danger of collapse due to equipment traffic. Monitoring would continue at least once a week through the nesting/wintering cycle at that site to verify that no change in behavior by the owls occurs.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-26

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bat species:

- Prior to construction, a qualified bat biologist would conduct a habitat assessment within the project area. The habitat assessment would be conducted a minimum of 15 days prior to tree removal and would include a visual inspection of potential roosting features (e.g., cavities, crevices in wood and bark, or exfoliating bark for colonial species, and suitable canopy for foliage-roosting species). Any trees that are determined to provide potentially suitable habitat would be marked, flagged, or otherwise clearly marked,

	CDFW would be notified immediately, and tree trimming or removal would not proceed without approval in writing from CDFW.

Time of Implementation: Design, Pre-Construction, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

	Mitigation Measure BIO-27 The County will or has incorporated the following measure to avoid or minimize impacts on special-status bat species: • During the summer months (June 1 to August 31) prior to construction, visual and acoustic surveys would be conducted for at least two nights at all identified roosting habitat to assess the presence of roosting bats. If presence of a roost is detected, a count and species analysis would be completed to help assess the type of colony and usage.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

	Mitigation Measure BIO-28 The County will or has incorporated the following measure to avoid or minimize impacts on special-status bat species:

- For trees that are assumed to have bats present, removal and trimming, if any, would be conducted outside of the recognized bat maternity season and during the active season for bats (March 1- April 15 and September 1 to October 15).

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-29

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bat species:

- Removal of trees that are assumed to have bats present would be conducted using a 2-step process over two consecutive days under the supervision of a qualified biologist. On the first day (in the afternoon), limbs and branches would be removed by a tree cutter using chainsaws only. Limbs with cavities, crevices or deep bark fissures would be avoided. On the second day the entire tree would be removed.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/ Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-30

The County will or has incorporated the following measure to avoid or minimize impacts on

special-status bat species:

- If the biologist determines that bats are being disturbed during this work, work would be suspended until bats have left the vicinity on their own or can be safely excluded under direction of the biologist. Work would resume only once all bats have left the site and/or approval to resume work is given by a qualified biologist.

Time of Implementation: Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify) Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-31

The County will or has incorporated the following measure to avoid or minimize impacts on special-status bat species:

- In the event that a maternal colony of bats is found, no work would be conducted within 100 feet of the maternal roosting site until the maternal season is finished or the bats have left the site, or as otherwise directed by a qualified biologist. The site would be designated as an environmentally sensitive area and protected as such until the bats have left the site. No activities would be authorized adjacent to the roosting site. Combustion equipment, such as generators, pumps, and vehicles, would not be parked nor operated under or adjacent to the roosting site. Construction personnel would not be authorized to enter areas beneath the colony, especially during the evening exodus (typically between 15 minutes prior to sunset and one hour following sunset).

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-32

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Work areas would be reduced to the maximum extent feasible.

Time of Implementation: Design, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-33

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Equipment staging and storage areas for vehicles, equipment, material, fuels, lubricants, and solvents would be restricted to designated areas and would be a minimum of 25 feet from jurisdictional features and outside of the drip-line of adjacent native vegetation communities.

Time of Implementation: Design, Construction

Method: X Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-34

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Prior to construction, high visibility ESA protective fencing or flagging would be installed at the limits of construction to protect existing vegetation to remain, which is outside of clearing and grubbing limits, from the contractor's operations, equipment, and materials storage. ESAs would be identified on the project plans to limit contractor work areas.

Time of Implementation: Design, Construction

Method:
- X Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- X County forces
- X Other (specify): Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-35

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- BMPs, such as silt fencing, fiber rolls, straw bales, or other measures would be implemented during construction to minimize dust, dirt, and construction debris from entering into jurisdictional resources and native vegetation communities, and/or leaving the construction area. No erosion control materials containing plastic monofilament netting (erosion control matting) or similar material containing netting within the project area would be used due to documented evidence of wildlife species becoming entangled or trapped in such material. Acceptable substitutes include coconut coir matting or similar.

Time of Implementation: Design, Construction

Method:
- Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- County forces
- Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-36

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Appropriate hazardous material BMPs would be implemented to reduce the potential for chemical spills or contaminant releases into the jurisdictional features and native vegetation communities, including any non-stormwater discharge. Any hazardous or toxic materials that could be washed into jurisdictional features and be deleterious to aquatic life would be contained in water tight containers or removed from the construction site. In addition, spill kits would be kept on site and field personnel would be trained on how to use them appropriately.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-37

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- All equipment refueling and maintenance would be conducted in the staging area away from jurisdictional features and outside of the drip-line of adjacent native vegetation communities. In addition, vehicles and equipment would be checked daily for fluid and fuel leaks, and drip pans would be placed under all equipment that is parked and not in operation. Any leaking vehicle or equipment would not be operated in the project area until repaired. All workers would be informed of the importance of preventing spills and the appropriate measures to take should a spill happen.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-38

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Stationary equipment such as motors, pumps, generators, compressors, and welders located within 50 feet of the jurisdictional resources and native vegetation communities would be positioned over drip-pans, including when in operation.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-39

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Any temporary erosion control implemented during construction would be completed using non-invasive species. At project completion, all temporarily disturbed areas would be re-contoured to pre-construction conditions and revegetated with native species.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/ Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-40

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- Mitigation for permanent impacts on jurisdictional features and native communities will be accomplished on site. Mitigation will be at a minimum ratio of 1:1 for temporary impacts and 3:1 for permanent impacts; however, the final ratio will be established through consultation and coordination with regulatory agencies during the permitting process. On-site mitigation is anticipated to include approximately 0.82 acre of habitat creation in areas that are currently developed or ruderal and 0.88 acre of restoration/enhancement within areas that are currently vegetated with non-native and invasive species.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/ Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure BIO-41

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- On-site mitigation will include a combination of habitat creation, restoration, and

enhancement. Areas that are currently populated by non-native/invasive vegetation will be enhanced by removing non-native/invasive species and planting native species. In addition, where feasible, areas currently covered with paving and concrete materials from the ASC will be planted with native species, resulting in creation of new habitat.

Time of Implementation: Design, Construction

Method:
- X Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- X County forces
- X Other (specify) Qualified Biologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure CUL-1

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- A qualified archaeologist would be on-site at the pre-construction meeting to discuss monitoring protocols. The archaeological monitor would be present full-time during ground disturbance within the project, including but not limited to grading, trenching, utilities, and off-site easements. If, after excavation begins the qualified archaeologist determines that the sediments are not likely to produce fossil resources, monitoring efforts would be reduced.

Time of Implementation: Design, Pre-Construction, Construction

Method:
- Incorporated into the project design
- X Included in the project plans and specifications (contractor will implement)
- X County forces
- X Other (specify): Qualified Archaeologist

Design/ Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure CUL-2

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- The archeological monitor would be empowered to temporarily halt or redirect grading efforts if archaeological resources are discovered. In the event of an archeological discovery the monitor would flag the area and notify the construction crew immediately. No further disturbance in the flagged area would be conducted until the qualified archaeologist has cleared the area.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Archaeologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure CUL-3

The County will or has incorporated the following measure to avoid or minimize impacts on special-status natural communities:

- In consultation with the qualified archaeologist the archeological monitor would quickly assess the nature and significance of the find. If the specimen is not significant it would be quickly mapped, documented, removed, and the area cleared. If the discovery is significant the qualified archaeologist would notify the County immediately. If the discovery is tribal cultural resource the County would notify the consulting Tribes.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Archaeologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure CUL-4

The County will or has incorporated the following measure to avoid or minimize impacts on cultural resources:

- In consultation with the County and consulting Tribes, if necessary, the qualified archaeologist would develop a plan of mitigation which will likely include full-time monitoring, salvage excavation, scientific removal of the find, removal of sediment from around the resource (in the laboratory), research to identify and categorize the find, curation of the find in a local qualified repository, and preparation of a report summarizing the find.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Archaeologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure CUL-5

The County will or has incorporated the following measure to avoid or minimize impacts on cultural resources:

- In the event of the accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, steps would be taken in compliance with the CCR Section 15064.5. All construction activities would cease, and the County Coroner would be contacted if any human remains are discovered, in accordance with 14 CCR Section 15064.5(e) If the coroner determines that the human remains are of Native American origin, the NAHC would be notified to determine the MLD for the area. The MLD would make recommendations for the arrangements for the human remains per PRC Section 5097.98.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Archaeologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure GEO-1

The County will or has incorporated the following measure to avoid or minimize impacts on paleontological resources:

- If previously unidentified paleontological resources are encountered or unearthed during construction, work would be halted in that area until a qualified paleontologist can assess the nature and significance of the find.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Qualified Paleontologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure HAZ-1

The County will or has incorporated the following measure to avoid or minimize impacts on hazardous materials:

- Prior to construction, soil within the new project alignment that would be disturbed by construction activities would be screened for the presence of lead at concentrations that exceed hazardous waste limits

Time of Implementation: Pre-Construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure HAZ-2

The County will or has incorporated the following measure to avoid or minimize impacts on hazardous materials:

- Prior to construction, soil within the new project alignment that would be distributed by construction activities would be screened for organochlorine pesticides and arsenic.

Time of Implementation: Pre-Construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure HAZ-3

The County will or has incorporated the following measure to avoid or minimize impacts on hazardous materials:

- If the project would disturb soil within the railroad right of way, this soil should be screened for the presence of petroleum hydrocarbons and metals.

Time of Implementation: Pre-Construction

Method: Incorporated into the project design

Included in the project plans and specifications (contractor will implement)

X County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure NOI-2

The County will or has incorporated the following measure to avoid or minimize noise impacts:

- Construction equipment would be properly maintained and equipped with exhaust mufflers and engine shrouds in accordance with manufacturers' recommendations.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure NOI-3

The County will or has incorporated the following measure to avoid or minimize noise impacts:

- To the extent locally available, electrified or alternatively powered construction equipment would be used.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure NOI-4

The County will or has incorporated the following measure to avoid or minimize noise impacts:

- Construction equipment staging areas would be located at the furthest distance possible from nearby noise-sensitive land uses.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure NOI-5

The County will or has incorporated the following measure to avoid or minimize noise impacts:

- Stationary noise sources such as generators, pumps, and pavement crushers, would be located at the furthest distance possible from noise sensitive uses.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

County forces

Other (specify)

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-1

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- A tribal representative from the Cloverdale Rancheria of Pomo Indians would be present during ground disturbing activities within the project to monitor for Tribal cultural resources.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-2

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- The tribal monitor would be on-site at the pre-construction meeting to discuss monitoring protocols.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-3

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- The tribal monitor would be present full-time during ground disturbance within the project, including but not limited to grading, trenching, utilities, and off-site easements. If, after excavation begins, the tribe determines that the sediments are not likely to produce Tribal cultural resources, monitoring efforts would be reduced.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-4

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- The tribal monitor would be empowered to temporarily halt or redirect grading efforts if Tribal cultural resources are discovered.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-5

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- In the event of an unanticipated Tribal cultural resource discovery the monitor would flag the area and notify the construction crew immediately. No further disturbance in the flagged area would occur until the tribal monitor has cleared the area.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-6

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- If the Tribal cultural resource is also an archaeological resource, the tribal monitor would notify and consult with the qualified archaeological monitor. The tribal monitor would quickly assess the nature and significance of the find. If the specimen is not significant it would be quickly mapped, documented, removed, and the area cleared.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative, Qualified Archaeological Monitor

Design/ Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-7

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- If the Tribal cultural resource is significant, the tribal monitor would notify the County immediately.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments:

Mitigation Measure TCR-8

The County will or has incorporated the following measure to minimize impacts on Tribal Cultural Resources:

- In consultation with the County and the Cloverdale Rancheria of Pomo Indians, if necessary, the qualified archaeologist will develop a plan of mitigation which will likely include full-time monitoring, salvage excavation, scientific removal of the find, removal of sediment from around the resource (in the laboratory), research to identify and categorize the find, curation of the find in a local qualified repository, and preparation of a report summarizing the find.

Time of Implementation: Design, Construction

Method: Incorporated into the project design

X Included in the project plans and specifications (contractor will implement)

X County forces

X Other (specify): Tribal Representative, Qualified Archaeologist

Design/Construction Engineer certifies that this mitigation measure was implemented and monitored during construction.

_____ _____

Comments: