EXHIBIT A - MITIGATION MONITORING AND REPORTING PROGRAM

Also Listed as
APPENDIX B – MITIGATION MONITORING AND REPORTING PROGRAM

In Book One of
NOTICE TO BIDDERS
AND
SPECIAL PROVISIONS

STATE ROUTE 68 AT SAN BENANCIO ROAD INTERSECTION IMPROVEMENTS
STATE PROJECT NO. EA 05-0H8220
CONTRACT NO. 10-111065

APPENDIX B -
Mitigation Monitoring and Reporting Program

The County of Monterey and the Department of Transportation have developed a mitigation monitoring and reporting list for the State Route 68 at San Benancio Road Intersection Improvement Project. This list is designed to ensure that the mitigation measures identified in the Project's Environmental Document are implemented.

The following table contains a list of the avoidance, minimization, and/or mitigation measures. For each measure, the table identifies timing of implementation, party responsible for implementation, completion check box, and space for initials.

The County of Monterey is responsible for ensuring the implementation of all measures in this Mitigation Monitoring and Reporting List.

Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
V-1 Landscape: Landscape and hardscape design features would be incorporated into the project to the extent feasible. A revegetation, tree replacement, and landscape plan shall be incorporated into the final design of the project. Areas for landscaping would be revegetated with native grasses and/or shrubs that naturally occur in the area (grasses only on slopes). This plan would incorporate all applicable procedures and requirements as detailed in the Caltrans Highway Design Manual, Section 902.1: Planting Guidelines (November 2001). This plan would include performance criteria (e.g., plant coverage/density, plant types) that must be met to ensure that revegetation of affected areas would be consistent with the existing natural landscape. Specific architectural detail and aesthetic treatments would be determined during final design and would follow the Monterey County General Plan State Scenic Highway objectives and policies described in Section 3.0 of the Visual Impact Assessment, to ensure that the design and construction of the road structures blend into and complement the accepted scenic corridor.	a) Develop Revegetation, tree replacement plan and landscape design plans & specifications b) Review & Approve design c) Final grading, Plant & revegetate d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Construction c) During Construction d) During Construction	Dokken Engineering Caltrans Contractor County Resident Engineer (RE)	☐	_____
V-2 Bridge Railing: The bridge rails on the San Benancio Road bridge over El Toro Creek would be a split-rail design Type ST-20S (Caltrans Bridge Standard Detail Sheet XS-16-205), which is similar to the existing rail and would help to maintain the existing rural character of the project site.	a) Develop bridge rail design plans & specifications b) Review & Approve design c) Final grading, Plant & revegetate d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Construction c) During Construction d) During Construction	Dokken Engineering Caltrans Contractor County RE	☐	_____

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Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
V-3 Retaining Walls: Project retaining walls shall have architectural treatment such as color and texture, subject to the Department's review and approval, to reduce the visual impact of the wall and allow the wall to blend with the rural character of the surrounding environment. Retaining walls shall have the same architectural treatment as the other proposed retaining walls for other projects within the State Route 68 corridor. All retaining walls built as part of the project improvements shall receive the Monterey Drystack Stone architectural surface treatment with integral colored concrete.	a) Develop retaining wall design plans & specifications b) Review & Approve design c) Construct retaining walls d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Construction c) During Construction d) During Construction	Dokken Engineering Caltrans Contractor County RE	☐	_____
V-4 Tree Removal: Minimize tree removal to the greatest extent possible. Protect existing vegetation that would not be removed by the project behind Environmentally Sensitive Area fencing.	a) Develop tree replacement plan & specifications b) Review & Approve design c) Avoid tree removal whenever feasible d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Construction c) During Construction d) During Construction	Dokken Engineering Caltrans Contractor Bio/Reveg consultant & County RE		
V-5 Cut Slopes: All disturbed slopes would receive erosion control and shall be seeded with native grasses. An alternative to plastic netting will be required for erosion control.	a) Implement erosion control measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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V-6 Utility Poles: Mitigation for the potential visual impact of the utility pole relocations and replacements includes: (1) painting (adding color) or etching of metal poles, (2) reducing the number of poles along State Route 68 within the project limits, and (3) minimizing replacement pole height increases as much as feasible at all locations along State Route 68 within the project limits. These measures would be coordinated among the consultant engineer, the County, Caltrans, Pacific Gas and Electric, and other utility companies as needed, and shall be implemented to the extent feasible.	a) Develop utility pole relocation plans & specifications b) Review & Approve design c) Relocate Utility Poles, Minimize pole height whenever possible d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Pole relocation c) Prior to Construction d) During Construction	Dokken Engineering County Proj. Mgr (PM) Caltrans PG&E County RE	☐	_____
BR-1: Environmentally Sensitive Areas (ESA) shall be designated upstream of the existing bridge and at the downstream (east) edge of the temporary access road to prevent encroachment into the riparian community adjacent to the work area. Environmentally Sensitive Area limits shall be marked using orange construction fencing and shall be maintained until construction is complete.	a) Designate ESA limits b) Install construction fencing c) Avoid ESAs d) Monitor Compliance	Prior to Construction Prior to Construction During Construction During Construction	Bio/Reveg consultant & County RE Contractor Contractor County RE	☐	_____
BR-2: Cut slopes would be left in roughened condition (i.e., not scraped "smooth") to facilitate seed establishment on the slopes and would be revegetated by hydroseeding per Caltrans requirements.	a) Implement planting methods specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-3: The temporary access road would be covered in 6 inches of mulch during construction to minimize soil compactions and damage to underlying tree roots. Following construction, the temporary access road would be removed and the disturbed area regraded to pre-project contours.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-4: Riparian habitat affected by the temporary access road shall be revegetated with native species typically occurring in the reach of El Toro Creek.	a) Implement planting measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-5: Coast live oak trees removed during project implementation would be replaced at a 6:1 ratio in the oak tree replacement areas onsite where feasible and offsite at Toro Regional Park, in accordance with the Revegetation Guidelines. Revegetation would be monitored by a qualified Biologist/Revegetation Specialist to be provided by the County during construction and for at least three years following installation.	a) Identify & minimize trees for removal b) Remove trees c) Plant replacement Oak Trees d) Monitor and replace as necessary	a) Prior to Construction b) During Construction c) After construction d) During Construction and 3 Years after Acceptance of Improvements	Bio/Reveg consultant & County RE Contractor Contractor County RE & Contractor	☐	_____

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Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
BR-6: During construction of the retaining walls, any live tree roots encountered during grading would be cut at a 90-degree angle with a sharp axe, pruners, or equivalent.	a) Implement construction procedures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor County RE	☐	_____
BR-7: The County would contract with a qualified Biologist/ Revegetation Specialist to assist in preparing detailed construction drawings and specifications for implementation of the revegetation effort. Following project construction and implementation of revegetation measures, the Specialist shall assist with the inspection as needed during the contracted plant establishment period, as described below.	a) Ensure qualified consultant prepares revegetation plan b) Ensure Biologist/ Revegetation Specialist monitors implementation and plant establishment	Prior to Construction During & after Construction (implement)	Dokken Engineering Bio/Reveg Consultant & County RE	☐	_____
BR-8: Trees and other vegetation not shown on the plans to be removed shall be protected from damage during construction. Where feasible, and to the maximum extent possible, native vegetation that must be removed for construction operations shall be cut off at ground level and shall not be grubbed. Removed portions of native vegetation shall be chipped and spread within the removal area. In areas where earthwork is required, where feasible, the top 6 inches of litter and topsoil would be salvaged from the area to be affected. The salvaged material would be stockpiled in a weed-free location on the project site and shall be protected from erosion and overheating during construction. Materials salvaged from riparian areas shall be stockpiled separately from materials salvaged from upland areas. After heavy equipment operations are concluded in a disturbed area and the finish grade has been established, the appropriate stockpiled material shall be spread evenly on the ground before planting and seeding.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-9: Before salvaging topsoil in an area (where salvaging topsoil is feasible) and again before starting any planting or seeding operations, all exotic plants/weeds would be killed and removed from all areas to be revegetated. Mechanical control methods should be employed, if feasible; however, heavy equipment (e.g., bulldozers, backhoes) should not be used to eradicate exotic plants and weeds. In circumstances where mechanical control is not effective, it would be necessary to use systemic herbicides that have been approved by the U.S. Environmental Protection Agency for use in aquatic situations (e.g., Rodeo by Monsanto).	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-10: Plant materials for the revegetation effort would be locally obtained (i.e., within a 5-mile radius of the project site, or as approved by the Biologist/Revegetation Specialist). The use of locally obtained materials, which are adapted to local conditions, increases the likelihood that revegetation would be successful and maintains the genetic integrity of the local ecosystem. For widespread herbaceous species (e.g., California poppy) that are more likely to be genetically homogeneous, site specificity is a less important consideration, and stock from commercial sources may be used if approved by the Biologist/Revegetation Specialist.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-11: Arrangements would be made well in advance of the start of revegetation to ensure that plant materials are available at the appropriate time. Sufficient time would be allocated for seed collection and contract growing, if necessary (up to 12 months may be required for some woody species).	a) Coordinate procurement with the Biologist/ Revegetation Specialist and native plant nurseries	Within 2 Weeks of Issuance of Notice to Proceed	Contractor		

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BR-12: Appropriate native species would be planted and seeded throughout the mitigation areas in locations where the Specialist determines they are most likely to persist without human assistance after a period of establishment. Grasses and herbs would be hydroseeded or broadcast seeded (if seed is broadcast, it should be raked into the soil). Trees and shrubs would be planted in irregular groupings to more closely resemble a natural setting and to take advantage of favorable microclimate conditions for each species. Included in the project plans and specifications, separate plant palettes and seed mixes would be prepared and would include specific information such as percent purity/germination, application rates, container plant spacing, etc.	a) Develop Revegetation, tree replacement plan and landscape design plans & specifications b) Implement planting methods specified by plans c) Ensure compliance with performance measures identified in the plans & specifications	Final Design During Construction During Construction	Contractor Contractor Bio/Reveg consultant & County RE	☐	_____
BR-13: Compensation for the removal of the coast live oak trees shall be implemented using replacement plantings at a 6:1 ratio.	a) Implement planting measures (6:1 replacement) specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-14: Planting and seeding operations would take place following completion of final grading and ground preparation (i.e., weed removal and re-spreading of topsoil), preferably between October 15 and February 1.	a) Implement planting measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-15: Revegetation areas would be maintained by a qualified Landscape/ Revegetation Contractor for a minimum of 3 years following installation. Typically, the first year of maintenance is included in the construction contract and subsequent years of maintenance are contracted separately. In general, maintenance would include any activities required to meet the performance standards set for this mitigation program, including controlling erosion and invasive weeds throughout the duration of the contract(s).	a) Implement planting measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction and 3 years after construction completion	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-16: The ongoing and final success criteria for this revegetation plan would be developed as a goal to determine whether the revegetation effort is successful. Success criteria may include a percentage of total native vegetative cover and wildlife use similar to that of adjacent habitats. Compliance with these criteria will be based on satisfying the target functions and values and on establishing the appropriate hydrologic regime following cessation of human support (e.g., irrigation, maintenance, weeding, reseeding, etc.).	a) Implement planting measures specified by plans b) Ensure compliance with CDFG 1602 permit condition #46 (success criteria) of 50% survival rate	a) During Construction b) During Construction and 3 years after construction completion	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-17: The revegetation effort would be monitored by a qualified Biologist/ Revegetation Specialist during construction and for at least 3 years following installation, based on the length of time needed for the revegetation to meet the performance standards. Monitoring would include regular site visits to monitor the maintenance activities and annual performance monitoring to collect data and assess the progress of the revegetation effort. The purpose of monitoring is (1) to document that the desired riparian habitat has been established, and (2) to identify any shortcomings so that appropriate corrective actions can be taken. Monitoring would include preparation of annual reports to be submitted to the applicable regulatory and resource agencies.	a) Implement planting measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction and 3 years after construction completion	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-18: Impacts to Waters of the United States shall be mitigated for through the use of in-lieu fee mitigation in accordance with the U.S. Army Corps of Engineers, San Francisco District's Interim Guidelines for In-Lieu Fee Mitigation. The interim guidelines include an estimated fee schedule based on a 2:1 mitigation ratio.	a) Pay in-lieu fee b) Comply with permit conditions	Prior to Construction During Construction	County PM Contractor	☐	_____
BR-19: Before issuance of a grading permit or other authorization to proceed with project construction, the project proponent shall obtain any necessary permits (e.g., from the U.S. Army Corps of Engineers and the Regional Water Quality Control Board).	a) Submit Permit application	Prior to Construction	County	☐	_____
BR-20: Lane closures would be conducted at night. However, bridge construction would be conducted primarily during daylight hours to avoid disturbing bats potentially using the bridge structure or adjacent trees at night.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor County RE	☐	_____
BR-21: In the event falsework has been constructed and work is delayed for longer than 3 months, the falsework would be completely covered with sheet material (i.e., no netting) such as visquine, or equivalent, to prevent bats from roosting on the falsework. The cover would be maintained in good condition until work resumes.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor County RE	☐	_____
BR-22: At least 15 days before the onset of activities, the applicant or project proponent shall submit the name(s) and credentials of biologists who would conduct activities specified in the measures. No project activities shall begin until proponents have received written approval from the US Department of Fish and Wildlife Service (Service) that the biologist(s) is qualified to conduct the work.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-23: A Service-approved biologist, provided by the County, shall survey the work site two weeks before the onset of activities. If California red-legged frogs, tadpoles, or eggs are found, the approved biologist shall contact the Service to determine if moving any of these life-stages is appropriate. In making this determination, the Service shall consider if an appropriate relocation site exists. If the Service approves moving animals, the approved biologist shall be allowed sufficient time to move California red-legged frogs from the work site before work activities begin. Only Service-approved biologists shall participate in activities associated with the capture, handling, and monitoring of the California red-legged frog.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-24: Before any construction activities begin on a project, a Service-approved biologist shall conduct a training session for all construction personnel. At a minimum, the training shall include a description of the California red-legged frog and its habitat, the importance of the California red-legged frog and its habitat, the general measures that are being implemented to conserve the California red-legged frog as they relate to the project, and the boundaries within which the project may be accomplished. Brochures, books and briefings may be used in the training session, provided that a qualified person is on hand to answer questions.	a) Coordinate construction activities b) Provide training for construction crew c) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) Before Construction c) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-25: A Service-approved biologist shall be present at the work site until such time as all removal of California red-legged frogs, instruction of workers, and habitat disturbance have been completed. After this time, the contractor or permittee shall designate a person to monitor onsite compliance with all minimization measures. The Service-approved biologist shall ensure that this individual receives training in the identification of the California red-legged frog. The monitor and the Service-approved biologist shall have the authority to halt any action that might result in impacts that exceed the levels anticipated by the U.S. Army Corps of Engineers and Service during review of the proposed action. If work is stopped, the U.S. Army Corps of Engineers and Service shall be notified immediately by the Service-approved biologist or onsite biological monitor.	a) Monitor construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-26: During project activities, all trash that may attract predators shall be properly contained, removed from the work site, and disposed of regularly. Following construction, all trash and construction debris shall be removed from work areas.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-27: All fueling and maintenance of vehicles and other equipment and staging areas shall occur at least 65.6 feet from any riparian habitat or water body. The U.S. Army Corps of Engineers and permittee shall ensure contamination of habitat does not occur during such operations. Before the onset of work, the U.S. Army Corps of Engineers shall ensure that the permittee has prepared a plan to allow a prompt and effective response to any accidental spills. All workers shall be informed of the importance of preventing spills and of the appropriate measures to take should a spill occur.	a) Prepare spill response plan b) Implement protective measures specified by plans c) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction c) During Construction	Contractor Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-28: A Service-approved biologist shall ensure that the spread or introduction of invasive exotic plant species shall be avoided to the maximum extent possible. When practicable, invasive exotic plants in the project areas shall be removed.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-29: Project sites shall be revegetated with an appropriate assemblage of native riparian wetland and upland vegetation suitable for the area. A species list and restoration and monitoring plan shall be included with the project proposal for review and approval by the Service and the U.S. Army Corps of Engineers. Such a plan must include, but not be limited to, location of the restoration, species to be used, restoration techniques, time of year the work will be done, identifiable success criteria for completion, and remedial actions if the success criteria are not achieved.	a) Develop Revegetation, tree replacement plan and & specifications b) Review & Approve design c) Final grading, plant & revegetate d) Ensure compliance with performance measures identified in the plans & specifications	a) Final Design b) Prior to Construction c) During Construction d) During Construction	Dokken Engineering Caltrans, USACoE & USFWS Contractor County Resident Engineer (RE)	☐	_____

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BR-30: Stream contours shall be returned to their original condition at the end of project activities, unless consultation with the Service has determined that it is not beneficial to the species or feasible.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-31: The number of access routes, number and size of staging areas, and the total area of the activity shall be limited to the minimum necessary to achieve the project goal. Routes and boundaries shall be clearly demarcated, and these areas shall be outside of riparian and wetland areas. Where impacts occur in these staging areas and access routes, restoration shall occur.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-32: Work activities shall be completed between April 1 and November 1. Should the proponent or applicant demonstrate a need to conduct activities outside this period, the U.S. Army Corps of Engineers may authorize such activities after obtaining the Service's approval.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-33: To control erosion during and after project implementation, the applicants shall implement best management practices, as identified by the appropriate Regional Water Quality Control Board.	a) Implement erosion control measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-34: If a work site is to be temporarily dewatered by pumping, intakes shall be completely screened with wire mesh not larger than 0.2 inch to prevent California red-legged frogs from entering the pump system. Water shall be released or pumped downstream at an appropriate rate to maintain downstream flows during construction. Upon completion of construction activities, any barriers to flow shall be removed in a manner that would allow flow to resume with the least disturbance to the substrate.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-35: A Service-approved biologist shall permanently remove, from the project area, any individuals of exotic species, such as bullfrogs, crayfish, and centratchid fishes, to the maximum extent possible. The permittee shall have the responsibility to ensure that his or her activities are in compliance with the California Fish and Game Code.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-36: Environmentally Sensitive Areas (ESA) shall be designated upstream of the existing bridge and at the downstream (east) edge of the temporary access road to prevent encroachment into California red-legged frog habitat (i.e., riparian vegetation) adjacent to the work area. Environmentally Sensitive Area limits shall be marked using orange construction fencing and shall be maintained until construction is complete.	a) Designate ESA limits b) Install construction fencing c) Avoid ESAs d) Monitor Compliance	Prior to Construction Prior to Construction During Construction During Construction	Bio/Reveg consultant & County RE Contractor Contractor County RE	☐	_____
BR-37: Following construction, the temporary access road would be removed and the disturbed area regraded to pre-project contours.	a) Implement protective measures specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) At construction conclusion b) At construction conclusion	Contractor Bio/Reveg consultant & County RE	☐	_____

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BR-38: Riparian habitat affected by the temporary access road shall be revegetated with native species typically occurring in the subject reach of El Toro Creek.	a) Revegetate as specified by plans b) Ensure compliance with performance measures identified in the plans & specifications	a) At construction conclusion b) At construction conclusion	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-39: If possible, all trees and brush that would be affected by project construction would be removed during the non-nesting season (between September 1 and February 15). If this is not possible and project construction is to begin during the nesting season (February 16–August 31), all suitable nesting habitat within 500 feet of the limits of work shall be surveyed by a qualified biologist before starting construction-related activities.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____
BR-40: Surveys would be conducted no more than 14 days before the start of work. If an active nest is discovered, a buffer shall be established around the nest and delineated using an orange construction fence or its equivalent. The buffer for raptor nests would be at least 500 feet, and the buffer for passerines would be at least 100 feet. The buffer shall be maintained in place until the end of the breeding season or until the young have fledged, as determined by a qualified biologist. If no nesting is discovered, construction can begin as planned. Construction beginning during the non-nesting season and continuing into the nesting season shall not be subject to these measures.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor Bio/Reveg consultant & County RE	☐	_____

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Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
BR-41: A qualified biologist, provided by the County, shall survey the work site for California Tiger Salamander (CTS) 72 hours prior to the onset of construction activities. If any CTS are found the qualified biologist shall contact the CDFG to determine if moving the CTS is appropriate. No construction shall commence until all CTS are removed from the project site. After the preconstruction surveys are completed, exclusionary fencing shall be installed around the southern facing slope north of the creek to prevent CTS from entering the project site once construction has begun.	a) Coordinate construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) During Construction	Contractor & County RE Bio/Reveg consultant & County RE	☐	_____
BR-42: Before any construction activities begin on a project, a qualified biologist shall conduct a training session for all construction personnel. At a minimum, the training shall include a description of the CTS and its habitat, the importance of the CTS and its habitat, the general measures that are being implemented to conserve the CTS as they relate to the project, and the boundaries within which the project may be accomplished. Brochures, books and briefings may be used in the training session, provided that a qualified person is on hand to answer questions.	a) Coordinate construction activities b) Provide training for construction crew c) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b) Before Construction c) During Construction	Contractor & County RE Bio/Reveg consultant & County RE	☐	_____
BR-43: After the pre-construction surveys have been completed and exclusionary fencing has been installed, a qualified biologist shall be present at the work site during construction activities on the southern facing slope north of the creek where potentially suitable CTS habitat occurs. The qualified biologist shall have the authority to halt any action that might result in impacts that exceed the levels anticipated by the CDFG during review of the proposed action. If work is stopped, the CDFG shall be notified immediately by the qualified biologist.	a) Monitor construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a) During Construction b) During Construction	Contractor & County RE Bio/Reveg consultant & County RE	☐	_____

* The Resident Engineer (RE) is responsible for all activities obligatory of the contractor.
The RE should sign off for the contractor on all measures listed in the table as being a responsibility of the contractor.

Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
CR-1: The archaeological site shall be avoided during project construction. No equipment shall be operated within, or otherwise enter, the archaeological site during construction. No construction equipment or materials shall be stored within the archaeological site.	a) Identify site b) Monitor construction activities c) Ensure compliance with performance measures identified in the plans & specifications	a) Before Construction b)During Construction b) During Construction	Archeologist consultant Contractor Archeologist consultant & County RE	☐	_____
CR-2: No project personnel shall enter the archaeological site area unless accompanied by a qualified archaeologist.	a) Monitor construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a)During Construction b) During Construction	Contractor Archeologist consultant & County RE	☐	_____
CR-3: A qualified archaeologist and Native American representative (if the Native American community so elects) shall monitor all ground-disturbing project construction activities adjacent to the historical site.	a) Monitor construction activities b) Ensure compliance with performance measures identified in the plans & specifications	a)During Construction b) During Construction	Native American Rep Archeologist consultant & County RE	☐	_____
CR-4: In the event that cultural materials are identified during construction, all ground-disturbing activities shall stop until a qualified archaeologist can evaluate these materials. If the deposit is intact, an excavation plan must be developed and implemented, an analysis of these materials must be conducted, a report must be prepared, and the artifacts must be curated.	a) Stop Work b) Evaluate artifacts & prepare excavation plan	a) During Construction b) During Construction	County RE Contractor Archeologist consultant	☐	_____

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Mitigation Measure	Compliance Actions Required	Timing	Responsible Party*	Completed	Initials
CR-5: If human remains are encountered, State Health and Safety Code 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission, which will identify and notify a most likely descendant. With permission of the landowner or his/her authorized representative, the descendant may inspect the site of the discovery. The descendant shall complete the inspection within 24 hours of notification by the Native American Heritage Commission.	a) Stop Work b) Evaluate remains & notify County Coroner c) Conduct investigations & notifications as appropriate	a) During Construction b) During Construction c) During Construction	County RE Contractor Archeologist consultant County Coroner	☐	_____

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The RE should sign off for the contractor on all measures listed in the table as being a responsibility of the contractor.