

Appendix C – Environmental Commitments Record

Date: (August 2016)
 Project Phase:
 PA/ED (DED/FED)
 PS&E Submittal
 Construction

ENVIRONMENTAL COMMITMENTS RECORD (Holland Road/Interstate 215 Overcrossing Project)

EA 1F980
 PN 0815000087

Avoidance, Minimization, and/or Mitigation Measures	Page # in Env. Doc.	Environmental Analysis Source (Technical Study, Environmental Document, and/or Technical Discipline)	Responsible for Development and/or Implementation of Measure	Timing/Phase	If applicable, corresponding construction provision: (standard, special, non-standard)	Action(s) Taken to Implement Measure	Measure Completed (Date and Initials)	Remarks	Environmental Compliance	
									YES	NO
Visual/Aesthetics										
<p>AES-1: Several aesthetic features have been incorporated into the project design to enhance the visual quality of the proposed overcrossing and associated improvements. These features include:</p> <ul style="list-style-type: none"> - The bridge deck will have a dry stack barrier texture between two smooth concrete bands and accent lighting pedestals that will break the grey concrete and flat rectangular surface of the deck. - Metal picket railings on the bridge will not have a completely solid surface, so as to limit the obstruction of through views and to reduce the mass of the bridge structure. - A rock blanket will cover the surface of the concrete abutment under the western end of the bridge, and southern embankment wall. - The embankment walls will be textured and/or painted to break the length and height of the walls and provide visual interest. - The embankment slopes will be planted with trees and shrubs with boulder groupings, a meandering rock blanket, and decomposed granite surfaces to obscure the straight lines of manufactured slopes and the road grade. - Native and/or drought tolerant plant species will be utilized to match the natural vegetation in the project area and to improve tree and plant survival. - Existing landscaping design on Haun Road and on Antelope Road will be extended into adjacent segments of Holland Road to provide continuity in the streetscape. - The proposed project is consistent with the Route 215 Corridor Master Plan¹. <p>Additional measures that can avoid or minimize the visual impacts caused by the project or enhance the aesthetic qualities of the project have been developed. These will be designed and implemented with concurrence of the District Landscape Architect.</p> <ul style="list-style-type: none"> - MSE wall treatments shall be selected based on input from the local community to reflect the area's history, resources, branding, and/or aesthetic 	p. 2-8	VIA	Resident Engineer, Contractor, Landscape Architect	Construction						

¹ The Route 215 Corridor Master Plan is a broad multi-faceted master planning effort along portions of I-215 which was widened to address traffic and circulation needs.

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										YES	NO	
<p>preferences. A gradation in the treatment shall be considered (rather than a single uniform surface) to break the visual expanse and scale of the wall.</p> <ul style="list-style-type: none"> - In addition to the proposed Mexican fan palm trees and groundcover on the northern mechanically stabilized embankment (MSE) wall, low trees and/or climbing vines shall be planted in between the Mexican fan palms to screen and reduce the visibility of the wall surfaces to residents of the Cantabria apartments, as well as to reduce the potential for wall graffiti. - The evergreen and shade trees along the southern MSE wall shall be located at the bend of Willowood Way and at locations opposite to where there are no parkway trees present on the south side of Willowood Way, so as to block views of the wall from the second-story windows of residences on Fruitwood Drive, west of Willowood Way. - Utility lines that will be relocated shall be placed underground, where feasible, for consistency with the City's Policy CD 4.8. - The proposed bridge lighting shall be designed to provide the minimum lighting levels necessary for safety and shall comply with the City of Menifee's Dark Sky Ordinance in the use of low pressure sodium or LED lamps and the shielding of outdoor light fixtures. 												
Air Quality												
AQ-1: The construction contractor shall comply with all applicable laws and regulations related to air quality, including air pollution control district and air quality management district regulations and local ordinances	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction								
AQ-2: Apply water or dust palliative to the site and equipment as frequently as necessary to control fugitive dust emissions. Fugitive emissions generally must meet a "no visible dust" criterion either at the point of emission or at the right of way line, depending on local regulations	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction								
AQ-3: Spread soil binder on any unpaved roads used for construction purposes and all project construction parking areas	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction								
AQ-4: Wash off trucks as they leave the right of way as necessary to control fugitive dust emissions	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction								

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							YES	NO		YES	NO
AQ-5: Properly tune and maintain construction equipment and vehicles. Use low-sulfur fuel in all construction equipment, as provided in California Code of Regulations, Title 17, Section 93114	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-6: Develop and implement a dust control plan documenting sprinkling, temporary paving, speed limits, and expedited revegetation of disturbed slopes as needed to minimize construction impacts on existing communities.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-7: Locate equipment and material storage sites as far away from residential and park uses as practical. Keep construction areas clean and orderly.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-8: Establish Environmentally Sensitive Areas (ESAs) or their equivalent near sensitive air receptors where construction activities involving extended idling of diesel equipment would be prohibited, to the extent feasible.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-9: Use track-out reduction measures such as gravel pads at project access points to minimize dust and mud deposits on roads affected by construction traffic.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-10: Cover all transported loads of soils and wet materials prior to transport or provide adequate freeboard (space from the top of the material to the top of the truck) to minimize emissions of dust (particulate matter) during transportation.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-11: Promptly and regularly remove dust and mud on paved public roads from construction activity and traffic to decrease particulate matter.	p. 2-18	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-12: Route and schedule construction traffic to avoid peak travel times as much as possible to reduce congestion and related air quality impacts caused by idling vehicles along local roads.	p. 2-19	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Prior to/ During Construction							
AQ-13: Install mulch or plant vegetation as soon as practical after grading to reduce windblown particulate in the area. Be aware that certain methods of mulch placement, such as straw blowing, may themselves cause dust and visible emission issues; controls, such as dampened straw, may be needed.	p. 2-19	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	During/ After Construction							
AQ-14: To control the generation of construction-related fugitive dust emissions, the City require contractors to comply with SCAQMD Rule 403 requirements.	p. 2-19	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
AQ-15: Use of lighter colored pavement where feasible.	p. 2-19	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Include during Final Design , Implement							

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				during Construction							
AQ-16: Use off-road construction equipment that meets USEPA Tier-3 emissions standards or higher.	p. 2-19	Section 2.3 Air Quality of ISMND	Resident Engineer, Contractor	Construction							
Biological Resources											
BIO-1: Vegetation Clearing. Clearing of natural vegetation will be performed outside of the active breeding season for birds, as defined in the MSHCP (March 1 through June 30) (MSHCP Volume I, Section 7.5.3). If clearing of vegetation needs to occur, a preconstruction nesting bird survey will need to be performed (refer to measure BIO-18 for the nesting bird survey requirements)	p. 2-25	NES	Contractor, Qualified Biologist	Outside of active breeding season or perform Nesting Bird Survey.							
BIO-2: Dust Control. Active construction areas will be watered regularly to control dust and thus minimize impacts on adjacent vegetation (MSHCP Volume I, Section 7.5.3).	p. 2-25	NES	Resident Engineer, Contractor	Construction							
BIO-3: Firefighting Equipment and Preparation. When work is conducted during the fire season (as identified by the Riverside County Fire Department) appropriate fire-fighting equipment (e.g., extinguishers, shovels, water tankers) will be available on the project site during all phases of project construction to help minimize the chance of human-caused wildfires. Shields, protective mats, and/or other fire preventative methods will be used during grinding, welding, and other spark-inducing activities. Personnel trained in fire hazards, preventative actions, and responses to fires will advise contractors regarding fire risk from all construction-related activities (MSHCP Volume I, Section 7.5.3).	p. 2-25	NES	Resident Engineer, Contractor, Fire Hazard Professional	Prior to/ During Construction							
BIO-4: Environmental Training. A qualified biologist will conduct a training session for project and construction personnel (MSHCP Volume I, Section 7.5.3) prior to grading. The training will include a description of the species of concern and their habitats, the general provisions of the federal and state Endangered Species Acts (FESA and CESA) and the MSHCP, the need to adhere to the provisions of the acts and the MSHCP, the penalties associated with violating the provisions of the acts, the general measures that are being implemented to conserve the species of concern as they relate to the proposed project, and the access routes to and project site boundaries	p. 2-25	NES	Qualified Biologist, Resident Engineer	Prior to Grading							

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							YES	NO		YES	NO
within which the project activities must be accomplished (MSHCP Volume I, Appendix C). All sensitive areas will be fenced as presented in measure BIO-6, below											
BIO-5: Biological Monitoring During Construction. The qualified project biologist will monitor construction activities for the duration of the proposed project to ensure that practicable measures are being employed and avoid incidental disturbance of habitat and species of concern outside the project footprint (MSHCP Volume I, Section 7.5.3). Special attention will be provided to ensure that the environmentally sensitive area (ESA) fencing required in BIO-6 is maintained daily. Additionally, ongoing monitoring and reporting will occur for the duration of the construction activity to ensure implementation of best management practices (BMPs). This will be done in concert with BIO-6 , below, which includes the fencing of sensitive areas	p. 2-26	NES	Qualified Biologist, Resident Engineer	Construction							
BIO-6: Installation of ESA Fencing. Construction personnel will strictly limit their activities, vehicles, equipment, and construction materials to the proposed project footprint and designated staging areas and routes of travel. The construction area(s) will be the minimal area necessary to complete the proposed project and will be specified in the construction plans. Construction limits adjacent to sensitive resource areas will be demarcated using ESA fencing (e.g., orange snow screen). The ESA fencing will be reviewed at least weekly by the biological monitor (as indicated in BIO-5) until the completion of all construction activities. Employees will be instructed that their activities are restricted to the construction areas (MSHCP Volume I, Appendix C). Access to sites will be from pre-existing access routes to the greatest extent possible (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C). ESA exclusionary fencing will be installed by construction personnel under supervision of a biological monitoring. ESA exclusion fencing will be placed no more than five days prior to the initiation of construction and will be removed within five days of the completion of construction activities	p. 2-26	NES	Qualified Biologist, Resident Engineer, Contractor	Prior to/ During Construction							
BIO-7: Removal of Exotic Plant Species. Exotic plant species removed during construction will be properly handled to prevent sprouting or regrowth (MSHCP Volume I, Section 7.5.3)	p. 2-26	NES	Resident Engineer, Contractor	Construction							
BIO-8: Clean Construction Equipment of Mud and Debris. Construction equipment will be cleaned of mud or other debris that may contain invasive plants and/or seeds and inspected to reduce the potential of spreading noxious weeds before mobilizing to the site and before leaving the site during the course of construction. Proof of inspection will be provided to the Project Biologist or Construction Engineer to ensure compliance. Cleaning of equipment will occur at least 300 feet from ESA fencing in a	p. 2-26	NES	Resident Engineer, Contractor, Project Biologist	Construction							

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										YES	NO
designated area											
BIO-9: Guidance on Removal and Disposal of Vegetation. Vegetation will be covered while being carried on trucks, and vegetation materials removed from the site will be disposed of in accordance with applicable laws and regulations	p. 2-26	NES	Resident Engineer, Contractor	Construction							
BIO-10: Hydro-seeding. Post-construction, any disturbed areas remaining as bare ground will be hydro-seeded with a Caltrans-approved seed mix	p. 2-26	NES	Resident Engineer, Contractor	Post Construction							
BIO-11: Site Access. The Permittee (in this case, City of Menifee) will have the right to access and inspect any sites of approved projects for compliance with project approval conditions, including BMPs (MSHCP Volume I, Appendix C).	p. 2-26	NES	Resident Engineer, Contractor	Construction							
<p>BIO-12: Best Management Practices for Erosion Control and Water Pollution. Plans for water pollution and erosion control will be prepared. The plans will describe sediment and hazardous materials control, dewatering or diversion structures, fueling and equipment management practices, and use of plant material for erosion control. Plans will be reviewed and approved by the City of Menifee and Caltrans prior to construction (MSHCP Volume I, Section 7.5.3). The following measures will be provided:</p> <ul style="list-style-type: none"> • Water pollution and erosion control plans will be developed and implemented in accordance with RWQCB requirements (MSHCP Volume I, Appendix C) and will ensure that no fluids or sediment from construction will enter into the ESA fenced areas. • New surface flows will be treated prior to reaching waterways. • Sediment and erosion control measures will be implemented until such time soils are determined to be successfully stabilized (MSHCP Volume I, Section 7.5.3). • No erodible materials will be deposited into watercourses or areas demarcated with ESA fencing. Brush, loose soils, or other debris material will not be stockpiled within stream channels or on adjacent banks (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C). • If streamflows must be diverted, the diversions will be conducted 	p. 2-26	NES	Resident Engineer, Contractor	Prior to/ During Construction							

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							YES	NO		YES	NO
<p>using sandbags or other methods requiring minimal instream impacts. Silt fencing or other sediment trapping materials will be installed at the downstream end of construction activity to minimize the transport of sediments off-site. Settling ponds where sediment is collected will be cleaned out in a manner that prevents the sediment from reentering the stream. Care will be exercised when removing silt fences, as feasible, to prevent debris or sediment from returning to the stream (MSHCP Volume I, Section 7.5.3, MSHCP Volume I, Appendix C). Short-term diversions will consider effects on wildlife (MSHCP Volume I, Section 7.5.3).</p> <ul style="list-style-type: none"> Equipment storage, fueling, and staging areas will be located on non-sensitive upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C). These designated areas will be located in such a manner as to prevent any runoff from entering sensitive habitat. Necessary precautions will be taken to prevent the release of cement or other toxic substances into surface waters. Project-related spills of hazardous materials will be reported to appropriate entities, including, but not limited to, the applicable jurisdictional city, USFWS, CDFW, and the RWQCB, and will be cleaned up immediately and contaminated soils removed to approved disposal areas (MSHCP Volume I, Appendix C). <p>All equipment maintenance, staging, and dispensing of fuel, oil, coolant, or any other toxic substances will occur only in designated areas within the proposed grading limits of the project site. These designated areas will be clearly marked and located in such a manner as to contain runoff (MSHCP Volume I, Section 7.5.3).</p>											
<p>BIO-13: Demarcating Jurisdictional Features for Avoidance. The limits of disturbance, including the upstream, downstream, and lateral extents on either side of any stream (jurisdictional feature) adjacent to the project impact footprint, will be clearly defined and marked in the field. Monitoring personnel (biology) will review the limits of disturbance prior to initiation of construction activities (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C). The upstream and downstream limits of project disturbance plus the lateral limits of disturbance on either side of the stream (jurisdictional feature) will be clearly defined and marked in the field, including ESA fencing installed during construction to ensure avoidance of jurisdictional areas and</p>	p. 2-27	NES	Resident Engineer, Contractor, Qualified Biologist	Prior to/ During Construction							

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							YES	NO		YES	NO
marsh habitat. Monitoring personnel will review the limits of disturbance prior to initiation of construction activities											
BIO-14: Determination of Biological or Environmentally Superior Preservation (DBESP). The DBESP addresses riparian-riverine resources. A DBESP report that provides analysis of direct and indirect impacts, avoidance, minimization, and compensatory mitigation, along with the functions and values of the resources being affected as related to MSHCP covered species will be prepared and submitted to RCA, USFWS, and CDFW for review, prior to project approval	p. 2-28	NES	Resident Engineer, Qualified Biologist	Prior to approval							
BIO-15: Mitigation for Riparian-Riverine Resources. Compensation of permanent impacts on riparian-riverine resources would occur at a minimum 1:1 for riparian and ephemeral drainages. The compensation can be a combination of enhancement, restoration, and/or creation as long as there is no net loss of riparian-riverine resources. This means that at the very least the amount of riparian-riverine removed and the amount being created must be at a 1:1 ratio. The remaining compensation can occur as enhancement and restoration. Compensatory mitigation should be coordinated with CWA 401 and 404 permitting and CDFW 1602 Streambed Alteration Agreement acquisition to ensure efficiencies with the mitigation effort. Details of this compensation will be provided in the DBESP (measure BIO-14). Final mitigation ratios will be determined after consultation with USACE, RWQCB, USFWS, and CDFW. The Permittee may purchase mitigation bank credits through the Riverside-Corona Resources Conservation District In-lieu Fee Program, Santa Ana Watershed Association, and/or creation of riparian-riverine resources, including federal and state jurisdictional water resources within the proposed project's watershed	p. 2-28	NES	Resident Engineer, Qualified Biologist	During 401, 404, 1602 permitting. Consult with USACE, RWQCB, USFWS, and CDFW							
BIO-16: Disposal of Trash. To avoid attracting predators of the special-status species, the project site will be kept as clean of debris as possible. All food related trash items will be enclosed in sealed containers and regularly removed from the site(s) (MSHCP Volume I, Appendix C)	p. 2-28	NES	Resident Engineer, Contractor	Construction							
BIO-17: Burrowing Owl Preconstruction Survey. A burrowing owl preconstruction survey will be performed within 30 days prior to ground disturbance. The preconstruction survey area will consist of the limits of disturbance (LOD) area and a 300-ft, where accessible. If burrowing owl are found, an avoidance buffer of a minimum 200-ft during the	p. 2-28	NES	Qualified Biologist	30 days prior to ground disturbance. During owl breeding season.							

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nonbreeding season and 300-ft buffer during the breeding season would be established around the occupied burrow. On-going burrow monitoring will occur to ensure the established buffers are adequate to avoid disturbance to the species and can be increased if needed. Continued monitoring will occur until the burrow is determined to be inactive. If feasible, passive relocation by a qualified ornithologist may occur after coordination with the Regional Conservation Authority (RCA) and CDFW											
BIO-18: Preconstruction Survey for Nesting Bird. If construction commences during the bird breeding season (defined as March 15 through September 15), a preconstruction survey will occur within three days prior to construction activities by an experienced ornithologist. The survey will occur within all suitable nesting habitat within the LOD and a 300-foot buffer, as access is allowed. If nesting birds are found, a 100-foot (or a width determined through coordination with the wildlife agencies) avoidance area will be established around the nest until a qualified ornithologist has determined that young have fledged or nesting activities have ceased. If nesting listed species are detected, the wildlife agencies will be contacted and a 500-foot (or a distance determined through coordination with the wildlife agencies) avoidance area will be established around the nest until a qualified ornithologist has determined that young have fledged or nesting activities have ceased	p. 2-28	NES	Qualified Biologist	Within 3 days prior to construction, during bird breeding season.							
BIO-19: Fairy Shrimp Habitat Avoidance. If it is determined that listed fairy shrimp are present within the LOD, all suitable fairy shrimp habitat must be fully avoided during construction. All suitable fairy shrimp habitat areas will be fenced as presented in BIO-6. If full avoidance is not feasible BIO-14 must be satisfied	p. 2-29	NES	Qualified Biologist, Contractor	Construction							
BIO-20: Equipment Placement Restrictions. During construction, the placement of equipment within a stream or on adjacent banks or adjacent upland habitats occupied by MSHCP covered species that are outside of the project footprint will be avoided (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C)	p. 2-29	NES	Resident Engineer, Contractor	Construction							
BIO-21: Preconstruction Survey for Rare Plants and Avoidance. A preconstruction survey will occur for rare plants within the LOD and a 50-foot buffer prior to the staging or ground disturbance activities. Specifically the qualified biologist will survey for chaparral sand-verbena, saltspring checkerbloom, and San Bernardino aster. If any of these are found and full avoidance is feasible, ESA fencing (BIO-6) will be placed around the plant population. If avoidance is not feasible, the population will be mapped and seeds will be collected by a qualified biologist with a scientific collection	p. 2-29	NES	Qualified Biologist	Prior to staging or ground disturbance							

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permit prior to any ground disturbance.											
Cultural Resources											
CR-1: If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to Public Resource Code Section 5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the Native American Heritage Commission shall be contacted within the period specified by law (24 hours). Subsequently, the Native American Heritage Commission shall identify the "most likely descendant". The most likely descendant shall then make recommendations and engage in consultation concerning the treatment of the remains as provided in Public Resources Code Section 5097.98. Human remains from other ethnic/cultural groups with recognized historical associations to the project area shall also be subject to consultation between appropriate representatives from that group and the Public Works/Engineering Director.	p. 2-32	ASR	Resident Engineer, Contractor	All ground disturbing activities, Construction							
CR-2: If during ground disturbance activities, unique cultural resources are discovered that were not assessed by the archaeological report(s) and/or environmental assessment conducted prior to project approval, the following procedures shall be followed. Unique cultural resources are defined, for this condition only, as being multiple artifacts in close association with each other, but may include fewer artifacts if the area of the find is determined to be of significance due to its sacred or cultural importance as determined in consultation with the Native American Tribe(s). - All ground disturbance activities within 100 feet of the discovered cultural resources shall be halted until a meeting is convened between the developer, the archaeologist, the tribal representative(s) and the Public Works/Engineering Director to discuss the significance of the find. - At the meeting, the significance of the discoveries shall be discussed and after consultation with the tribal representative(s) and the archaeologist, a decision shall be made, with the concurrence of the Public Works/Engineering Director, as to the appropriate mitigation (documentation, recovery,	p. 2-32	ASR	Resident Engineer, Contractor	All ground disturbing activities, Construction							

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										YES	NO
avoidance, etc.) for the cultural resources. - Grading of further ground disturbance shall not resume within the area of the discovery until an agreement has been reached by all parties as to the appropriate mitigation. - Treatment and avoidance of the newly discovered resources shall be consistent with the Cultural Resources Treatment and Monitoring Agreements entered into with the appropriate tribes. This may include avoidance of the cultural resources through project design, in-place preservation of cultural resources located in native soils and/or re-burial on the project property so they are not subject to further disturbance in perpetuity. - Pursuant to California Public Resources Code §21083.2(b) avoidance is the preferred method of preservation for archaeological resources and cultural resources. If the landowner and the Tribe(s) cannot agree on the significance of the mitigation for the archaeological or cultural resources, these issues will be presented to the Public Works/Engineering Director for decision. The Public Works/Engineering Director shall make the determination based on the provisions of CEQA with respect to archaeological resources, recommendations of the project archaeologist and shall take into account the cultural and religious principles and practices of the Tribe. Notwithstanding any other rights available under the law, the decision of the Public Works/Engineering Director shall be appealable to the City Planning Commission and/or the City Council.											
CR-3 Archaeologist Retained. Prior to issuance of a grading permit the project applicant shall retain a Riverside County qualified archaeologist to monitor all ground disturbing activities in an effort to identify any unknown archaeological resources. The Project Archaeologist and the representative(s) from the Pechanga Tribe shall be included in the pre-grade meetings to provide cultural/historical sensitivity training including the establishment of set guidelines for ground disturbance in sensitive areas with the grading contractors. The Project Archaeologist and the Pechanga Tribal representative(s) shall manage and oversee monitoring for all initial ground disturbing activities and excavation of each portion of the project site including clearing,	p. 2-33	Environmental Document	Resident Engineer, Community Development Department, Contractor/ Developer/ Permit holder	Prior to issuance of grading permit. During construction.							

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										YES	NO
<p>grubbing, tree removals, mass or rough grading, trenching, stockpiling of materials, rock crushing, structure demolition and etc. The Project Archaeologist and the Pechanga Tribal representative(s) shall have the authority to temporarily divert, redirect or halt the ground disturbance activities to allow identification, evaluation, and potential recovery of cultural resources in coordination with any required special interest or tribal monitors.</p> <p>The developer/permit holder shall submit a fully executed copy of the contract to the Community Development Department to ensure compliance with this condition of approval. Upon verification, the Community Development Department shall clear this condition.</p> <p>Any newly discovered cultural resources shall be subject to an evaluation, in consultation with the Pechanga Tribe and which will require the development of a treatment plan and monitoring agreement for the newly discovered resources.</p>											
<p>CR-4 Native American Monitoring (Pechanga). A Tribal Monitor shall be required on-site during all ground-disturbing activities, including grading, stockpiling of materials, engineered fill, rock crushing, etc. The land divider/permit holder shall retain a qualified Tribal Monitor from the Pechanga Band of Luiseno Indians. Prior to issuance of a grading permit, the developer shall submit a copy of a signed contract between the above mentioned Tribe and the land divider/permit holder for the monitoring of the project to the Community Development Department and to the Engineering Department. The Tribal Monitor shall have the authority to temporarily divert, redirect or halt the ground-disturbance activities to allow recovery of cultural resources, in coordination with the Project Archaeologist. The Developer shall relinquish ownership of all cultural resources, including all archaeological artifacts that are of Native American origin, found in the project area for proper treatment and disposition to a curatorial facility that meets or exceeds Federal Curation Standards outlined in 36 C.F.R. 79. The Applicant/Permittee shall be responsible for all curation costs</p>	p. 2-33	Environmental Document	City Representative, Resident Engineer, Contractor.	Prior to issuance of grading permit submit copy of signed contract. During all ground disturbing activities, monitor required.							
<p>CR-5 Non-disclosure of Location Reburials. It is understood by all parties that unless otherwise required by law, the site of any reburial of Native American human remains or associated grave goods shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, pursuant</p>	p. 2-33	Environmental Document	City Representative, Resident Engineer, Contractor.	During discovery of reburial site, human remains, or associated							

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							YES	NO		YES	NO
to the specific exemption set forth in California Government Code 6254 (r), parties, and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code 6254 (r).				grave goods.							
CR-6 If buried cultural resources are encountered during project activities, it is Caltrans policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the find.	p. 2-33	ASR	Resident Engineer, Contractor	During project activities							
CR-7 In the event that human remains are found, the County Coroner shall be notified and all construction activities within 60 feet of the discovery shall stop. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). The person who discovered the remains will contact the District 8 Division of Environmental Planning; Gabrielle Duff, DEBC at (909) 383-6933 and Gary Jones, DNAC at (909) 383-7505. Further provisions of PRC 5097.98 are to be followed as applicable.	p. 2-33	ASR	Resident Engineer, Contractor	During project activities							
Paleontology											
PALEO-1: In areas of high sensitivity for paleontological resources, each project shall retain a qualified paleontologist to monitoring ground disturbing activity. Should any potentially significant fossil resources be discovered, no further grading shall occur in the area of the discovery until the City of Menifee Community Development Director is satisfied that adequate provisions are in place to protect these resources. Unanticipated discoveries shall be evaluated for significance by a professional paleontologist. If significance criteria are met, then the project shall be required to perform data recovery, professional identification, radiocarbon dates, and other special studies; submit materials to a museum for permanent curation; and provide a comprehensive final report including catalog with museum numbers to the City of Menifee Community Development Director.	p. 2-33	ASR	Qualified Paleontologist, City of Menifee Community Development Director	Ground disturbing activities							
Geology and Soils											
Refer to WQ-1 through WQ-4.											
Hazards and Hazardous Materials											
HAZ-1: To avoid impacts from pavement striping during construction, testing and	p. 2-41	Section 2.8 of	Resident Engineer,	Prior to							

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							YES	NO		YES	NO
removal requirements for yellow striping and pavement marking materials shall be performed in accordance with applicable regulations and standards.		ISMND	Contractor	Construction							
HAZ-2: In accordance with Section 112 of the Clean Air Act, which established the National Emission Standards for Hazardous Air Pollutants (NESHAP), specific work practices will be followed during demolitions and renovations of all facilities. The regulations require a thorough inspection where the demolition or renovation operation will occur and requires the owner or the operator of the demolition or renovation to notify the appropriate delegated entity (often a state agency) before any demolition, or renovations that contain a certain threshold amount of regulated asbestos-containing material. The rule also requires work practice standards that control asbestos emissions. The project shall comply with all asbestos demolition and removal measures outlined in SCAQMD Rule 403 based on the results of the additional hazardous waste studies are currently under review. Refer to SCAQMD Rule 1403 that specifically addresses asbestos demolition and removal at http://www.aqmd.gov/home/regulations/compliance/asbestos-demolition-removal .	p. 2-41	Section 2.8 of ISMND	Resident Engineer, Contractor	Prior to demolition							
Hydrology and Water Quality											
WQ-1: Construction site BMPs shall be implemented during construction for controlling potential pollutants on construction sites. The following BMP categories shall be considered and implemented, where feasible: Soil Stabilization Practices; Sediment Control Practices; Tracking Control Practices; Wind Erosion Control; Non-Storm Water Controls; and Waste Management and Material Pollution Controls.	p. 2-44	Section 2.9 of ISMND	Resident Engineer, Contractor	Final Design (incorporate BMPs into project), Prior to/ during grading and construction (Implement BMPs)							
WQ-2: Implement Design Pollution Prevention, Low Impact Development (LID), source control, and treatment control BMPs (where feasible and applicable) in compliance with NPDES permit requirements.	p. 2-44	Section 2.9 of ISMND	Resident Engineer, Contractor	Final Design (incorporate BMPs into project), Prior to/ during grading and construction (Implement BMPs)							

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										YES	NO
WQ-3: Construction will be scheduled to minimize soil-disturbing work during the rainy season.	p. 2-44	Section 2.9 of ISMND	Resident Engineer, Contractor	Construction							
WQ-4: A Notice of Intent will be filed with the Santa Ana RWQCB for coverage under the state-wide NPDES permit for construction-related discharges. The contractor will prepare a SWPPP that sets forth the BMPs that will be implemented on site. The BMPs will be implemented to minimize spills and keep potentially contaminated materials used during construction out of the drainage waterways as documented in the SWPPP.	p. 2-44	Section 2.9 of ISMND	Resident Engineer, Contractor	Final Design (incorporate BMPs into project), Prior to/ during grading and construction (Implement BMPs)							
Noise											
NOI-1: The following noise control measures will be incorporated into the project contract specifications in order to minimize construction noise effects. <ul style="list-style-type: none"> • Operation of noise-generating equipment will be permitted from 6:30AM to 7 PM, no construction is permitted on Sunday or national holidays. • All noise-producing project equipment and vehicles using internal combustion engines will be equipped with mufflers, air-inlet silencers where appropriate, and any other shrouds, shields, or other noise-reducing features in good operating condition that meet or exceed original factory specification. Mobile or fixed "package" equipment (e.g., arc-welders, air compressors) will be equipped with shrouds and noise control features that are readily available for that type of equipment. • All mobile or fixed noise-producing equipment used on the project that is regulated for noise output by a local, state, or federal agency will comply with such regulation while in the course of project activity. • Electrically powered equipment will be used instead of pneumatic or internal combustion powered equipment, where feasible. • Material stockpiles and mobile equipment staging, parking, and maintenance areas will be located as far as practicable from noise-sensitive receptors. 	p. 2-61	Section 2.12 of ISMND	Resident Engineer, Contractor	Prior to/ During Construction							

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										YES	NO	
<ul style="list-style-type: none"> Construction site and access road speed limits will be established and enforced during the construction period. The hours of construction, including noisy maintenance activities and all spoils and material transport, will be restricted to the periods and days permitted by the local noise or other applicable ordinance. Noise-producing project activity will comply with local noise control regulations affecting construction activity or obtain exemptions therefrom. The use of noise-producing signals, including horns, whistles, alarms, and bells, will be for safety warning purposes only. No project-related public address or music system will be audible at any adjacent receptor. The onsite construction supervisor will have the responsibility and authority to receive and resolve noise complaints. A clear appeal process to the owner will be established prior to construction commencement that will allow for resolution of noise problems that cannot be immediately solved by the site supervisor. Furthermore, to minimize the construction noise in areas within Caltrans right of way, Standard Specification 14-8.02 and SSP 14-8.02. 												
NOI-2: During construction, the City will replace the wooden fence located at 31023 Hanover Lane (receiver M9) with a solid barrier at a height of 6-feet and constructed with the same material as the existing barrier located along Holland Road.	p. 2-62	Section 2.12 of ISMND	Resident Engineer, Contractor	Construction								
Public Services												
PS-1: A Traffic Management Plan (TMP) shall be prepared to minimize potential impacts on emergency services and commuters during construction.	p. 2-66	Section 2.14 of ISMND	Resident Engineer, Contractor	Final Design, Prior to Construction								
PS-2: Development of circulation and detour plans to minimize impacts on local street circulation. This may include the use of signing and flagging to guide vehicles through and/or around the construction zone. This should be implemented in coordination with Measure PS-1.	p. 2-67	Section 2.14 of ISMND	Resident Engineer, Contractor	Final Design, Construction								

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							YES	NO		YES	NO
PS-3: Inclusion of detours for bicycles and pedestrians in all areas potentially affected by construction. This should be implemented in coordination with Measure PS-1.	p. 2-67	Section 2.14 of ISMND	Resident Engineer, Contractor	Final Design, Construction							
PS-4: Coordination with local transit agencies for temporary relocation of routes or bus stops in work zones, as necessary. This should be implemented in coordination with Measure PS-1.	p. 2-67	Section 2.14 of ISMND	Resident Engineer, Contractor	Final Design, Construction							
PS-5: The City's Traffic Engineer will coordinate with the Riverside County Fire Department on potential Primary and Secondary access points and comply with applicable fire and emergency safety measures.	p. 2-67	Section 2.14 of ISMND	City's Traffic Engineer, Contractor	Final Design, Prior to Construction, During Construction.							

PERMITS AND AGREEMENTS:

AGENCY	Type	Issue Date	Expiration Date
California Department of Fish and Wildlife	Section 1602 Streambed Alteration Agreement	Application to be submitted after approval of Environmental Document.	
	Consistency Review for Biological Resources with the Western Riverside County Multi-Species Habitat Conservation Plan (MSHCP).	Provide request to CDFW for MSHCP Consistency	
Regional Water Quality Control Board	Clean Water Act Section 401 Water Quality Certification	Application to be submitted after approval of Environmental Document	
U.S. Army Corps of Engineers	Clean Water Act Section 404 Nationwide Permit 14	Permit application to be submitted after approval of Environmental Document	
Regional Conservation Authority (RCA)	MSHCP Consistency Review for Biological Resources	Provide request to RCA for MSHCP Consistency.	
U.S. Fish and Wildlife Service	MSHCP Consistency Review for Biological Resources	Provide request to USFWS for MSHCP Consistency	
Caltrans	Encroachment Permit	Not yet submitted.	