

Date: August 25, 2017

Project Phase:

- PA/ED (FED)
- PS&E Submittal
- Construction

ENVIRONMENTAL COMMITMENTS RECORD

Interstate 15/Railroad Canyon Road Interchange Improvement Project

08-RIV-15
PM 18.3 / 21.0

EA 08-0A4400
PN 080000016

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
Relocation and Property Acquisition										
REL-1: The City of Lake Elsinore shall comply with the provisions of the Uniform Relocation Assistance and Real Property Acquisitions Policies Act (Uniform Act) of 1970 and the 1987 Amendments as implemented by the Uniform Relocation Assistance and Real Property Acquisition Regulations for Federal and Federally Assisted Programs adopted by the United States Department of Transportation (March 2, 1989).	Chapter 2, page 2.4-13	Environmental Document	City of Lake Elsinore, (Public Works Department)	During Final Design and prior to construction						

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									YES	NO
Utilities and Emergency Services										
UES-1: During the Plans, Specifications, and Estimates (PS&E) stage, the City of Lake Elsinore (City) shall conduct an updated utility search to determine all utility conflicts that require positive location, protection in place, and/or relocation. Proposed undergrounding of existing utilities will be coordinated and decided upon with the utility companies during the final design phase.	Chapter 2, page 2.6-6	Environmental Document	City of Lake Elsinore, (Public Works Department)	During PS&E and prior to construction						
UES-2: During the PS&E stage, the City shall obtain encroachment permits from Caltrans for surveying and utility potholing within and immediately adjacent to the project disturbance limits. This measure applies only to work conducted within State right-of-way.	Chapter 2, page 2.6-6	Environmental Document	City of Lake Elsinore, (Public Works Department)	During PS&E and prior to construction						

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										YES	NO
<p>UES-3: Prior to commencement of construction, the City shall coordinate with all affected utility providers to establish exact procedures and specifications for all facilities to be protected in place and relocated during construction to ensure that utility services are not disrupted.</p>	Chapter 2, page 2.6-6	Environmental Document	City of Lake Elsinore, (Public Works Department)	Prior to construction							
<p>UES-4: Fire Prevention During Construction: Prior to and during any construction activities, the City shall require the construction contractor to implement the following measures to minimize the risk of fires during construction:</p> <ul style="list-style-type: none"> • Coordinate with the applicable local fire department to identify and maintain defensible spaces around active construction areas. • Coordinate with the applicable local fire department to identify and maintain firefighting equipment (extinguishers, shovels, and water tankers) in active construction 	Chapter 2, page 2.6-7	Environmental Document	City of Lake Elsinore, (Public Works Department)	Prior to and during construction							

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										YES	NO
areas. <ul style="list-style-type: none"> Prohibit the use of mechanized equipment or equipment that could throw off sparks in areas adjacent to open space or undeveloped land. Post emergency services phone numbers (fire, emergency medical, and police) in visible locations in all active construction areas. 											
Traffic and Transportation/Bicycle and Pedestrian Facilities											
TR-1: A detailed Transportation Management Plan (TMP) shall be prepared during the final design phase of the project. The objective of the TMP is to minimize the potential impacts that construction activities may have on the traveling public and emergency services providers. Preparation of the TMP shall be coordinated with the emergency services providers in the project vicinity to minimize response delays resulting from traffic delays, temporary ramp and lane	Chapter 2, page 2.7-55	Environmental Document	City of Lake Elsinore, (Public Works Department) / District Design / District Traffic Management / District Environmental Planning / Resident Engineer / Contractor	During Final Design and prior to construction							

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										YES	NO
<p> closures, and detours during project construction.</p> <p>The TMP for the project shall include the following elements and strategies:</p> <p>1. Traffic control plans and related specifications, to be completed during final design of the project, shall be developed in accordance with the Work Area Traffic Control Handbook (also referred to as the WATCH manual), Section 5 of the California Department of Transportation (Caltrans) Traffic Manual, Caltrans Standard Plans, and applicable City of Lake Elsinore requirements. These plans and specifications shall include elements such as advance roadside signs and portable changeable message signs; traffic surveillance; lane/shoulder closures; and temporary signing/stripping on local streets, the</p>											

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Interstate 15 (I-15) ramps, and the I-15 mainline. Temporary overnight lane closures of I-15 and the on- and off-ramps are anticipated during construction. Lane closures along the mainline, which would be limited to the nighttime, would be coordinated with Caltrans. Signal timing may be adjusted along the detour routes to enhance traffic operations. 2. The project shall implement a Construction Zone Enhanced Enforcement Program and use California Highway Patrol officers to enforce lane closures and provide a visual deterrent to errant/speeding vehicles. 3. The project shall implement a Public Awareness Campaign (PAC). Although any lane closures would occur at night, there would still be											

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<p>a potential temporary impact to vehicles traveling through the construction zone. The purpose of this PAC is to keep the surrounding community abreast of the project's progress and construction activities that could affect the public's travel plans and to minimize delays or confusion to the motoring public during construction activities. Mailers/flyers and local newspaper advertising shall be used to disseminate this information.</p> <p>4. The project shall implement a Construction Freeway Service Patrol (CFSP) program. The CFSP shall provide tow truck service to aid stranded motorists and remove disabled vehicles from the traveled way or shoulders.</p> <p>5. The project shall implement the following construction strategies to</p>											

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										YES	NO
minimize construction-related impacts: <ul style="list-style-type: none"> a. Perform major construction activities at off-peak hours, such as at night or during the weekends, when feasible and reasonable. b. Finalize ramp closure charts during the final design phase. During final design, the proposed lane and ramp closures shall be presented to Caltrans Lane Closures Review Committee for approval. c. Coordinate construction with adjacent projects. Coordination is important to address possible temporary increases in traffic due to detours from adjacent projects. 											

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										YES	NO
<p>Construction of the adjacent projects is anticipated to be completed prior to construction of the project.</p> <p>d. All ramp reconstruction and local street and freeway widening shall be constructed in stages to minimize disruption.</p> <p>6. The project shall include contingency plans that specify the actions that shall be taken in the event that something unexpected occurs with respect to construction activities or traffic operations. The contractor shall review these plans and incorporate them into the contractor's contingency plan.</p>											

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										YES	NO
TR-2: Construction of the project will include provisions for maintaining pedestrian and bicycle access at all times during construction.	Chapter 2, page 2.7-56	Environmental Document	City of Lake Elsinore, (Public Works Department) / District Design / District Traffic Management / District Environmental Planning / Resident Engineer / Contractor	During construction							
TR-3: Existing nonstandard curb ramps will be upgraded to conform to Americans with Disabilities Act (ADA) requirements. Additionally, minimum-width 5-foot sidewalks will be incorporated into the design to provide ADA-required access.	Chapter 2, page 2.7-56	Environmental Document	City of Lake Elsinore, (Public Works Department) / District Design / District Traffic Management / District Environmental Planning / Resident Engineer / Contractor	During construction							
Visual/Aesthetics											

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										YES	NO
VIS-1: Prior to construction, the City of Lake Elsinore shall locate construction and staging areas within the City, the County of Riverside, the California Department of Transportation (Caltrans), and/or freeway rights-of-way. The City shall also require construction access and staging areas to be located within the maximum project disturbance footprint.	Chapter 2, page 2.8-43	Visual Impact Assessment, Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Landscape Architecture / District Environmental Planning / Resident Engineer / Contractor	Prior to construction							
VIS-2: Prior to construction, the City shall adopt a landscape plan that is compatible with the Interstate 15 (I-15) Corridor Improvement Plan and is incorporated into the final design of the I-15/Railroad Canyon Road interchange project. This plan shall identify all opportunities to use areas within the project limits for revegetation and it shall include landscaping for graded areas with plant species consistent with adjacent vegetation and enhancement of new project structures to the extent feasible. This plan shall	Chapter 2, page 2.8-43	Visual Impact Assessment, Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Landscape Architecture / District Environmental Planning / Resident Engineer / Contractor	Prior to construction							

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										YES	NO
incorporate all applicable procedures and requirements as detailed in Caltrans 's <i>Highway Design Manual</i> , Section 902.1, Planting Guidelines (November 2001), and the City of Lake Elsinore General Plan. The landscape plan shall include the following components, as feasible: <ul style="list-style-type: none"> • Maintain the visual planting character of the I-15 corridor; • Plant drought-resistant plants along the I-15 corridor to promote the use of xeric (adapted to arid conditions) landscaping techniques; • Incorporate soil erosion control plants into embankments and within the areas of steeper slopes; and 											

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										YES	NO
<ul style="list-style-type: none"> • Create water quality basins that blend into the surrounding landscape. 											
<p>VIS-3: The City shall be required to save existing mature trees, where practical. The City shall also implement its Palm Tree Preservation Program for palm trees that exceed 5 feet in height measured from the ground at the base of the trunk to the base of the crown. If removal of mature trees cannot be avoided, the City shall require that a tree replacement ratio of 1:1 be implemented and additional landscape improvements be incorporated into the final design.</p>	Chapter 2, page 2.8-47	Visual Impact Assessment, Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Landscape Architecture / District Environmental Planning / Resident Engineer / Contractor	During construction							
<p>VIS-4: The City shall incorporate attractive walls, medians, and other visually pleasing hardscape into the final design of the I-15/Railroad Canyon Road Interchange project. This may include, but is not limited to, potential aesthetic enhancements for retaining</p>	Chapter 2, page 2.8-47	Visual Impact Assessment, Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Landscape Architecture / District Environmental	During construction							

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										YES	NO
walls and other structures, in the final design of the Railroad Canyon Road Interchange Project and the new Franklin Street overcrossing. The location and design of retaining walls along Railroad Canyon Road and Franklin Street off-ramps and on-ramps will require compliance with Caltrans standards for safety.			Planning / Resident Engineer / Contractor								
VIS-5: A lighting plan shall be reviewed and approved by the City and Caltrans prior to construction. The lighting fixtures shall be designed to minimize glare on adjacent properties and into the night sky. Lighting shall be shielded with non-glare hoods and focused within the project right-of-way.	Chapter 2, page 2.8-47	Visual Impact Assessment, Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Landscape Architecture / District Environmental Planning / Resident Engineer / Contractor	During construction							
Cultural Resources											
CR-1: If cultural materials are discovered during construction, all earthmoving activity within and around the immediate discovery area shall be diverted until a qualified	Chapter 2, page 2.9-5	Environmental Document	District Design / District Cultural Studies / Resident Engineer / Contractor	During construction							

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archaeologist can assess the nature and significance of the find.										
CR-2: If human remains are discovered, State Health and Safety Code Section 7050.5 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains, and the County of Riverside Coroner shall be contacted. Pursuant to Public Resources Code (PRC) Section 5097.98, if the remains are thought to be Native American, the Coroner shall notify the Native American Heritage Commission (NAHC), which shall then notify the Most Likely Descendant (MLD). At this time, the person who discovered the remains shall also contact the District 8 Environmental Branch Chief so that the California Department of Transportation may work with the MLD on the respectful treatment and disposition of the remains. Further provisions of PRC 5097.98 are to be followed as applicable.	Chapter 2, page 2.9-5	Environmental Document	District Design / District Cultural Studies / Resident Engineer / Contractor	During construction						

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CR-3 Project grading plans shall be provided to the Soboba Band of Luiseño Indians and the Pechanga Band of Luiseño Indians for review prior to any ground-disturbing activities within native soils. The need for Native American monitoring of ground-disturbing activities within native soils shall be evaluated and agreed to by the Caltrans District 8 Native American Coordinator, tribal representatives, a qualified archaeological monitor, and the City's Public Works Director, or designee.	Chapter 2, page 2.9-6	Environmental Document	District Design / District Cultural Studies / Resident Engineer / Contractor	Prior to construction							
CR-4 Prior to the start of any ground-disturbing activities, a Monitoring and Discovery Plan shall be prepared. The Monitoring and Discover Plan will define the monitoring protocol and the procedures for addressing the discovery of cultural resources and/or tribal cultural resources. If cultural resources or tribal	Chapter 2, page 2.9-6	Environmental Document	District Design / District Cultural Studies / Resident Engineer / Contractor	Prior to construction							

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<p>cultural resources are encountered during disturbances in native soils, the qualified archaeological monitor shall be empowered to redirect construction away from the area of the find in order to assess its significance.</p> <p>At the time of the assessment, the qualified archaeological monitor may require the initiation of an archaeological testing program that would include the recordation of artifacts and controlled removal of the materials, as well as sampling of the area surrounding the find to delineate its horizontal and vertical extent. If the find is determined to be significant or is a unique archaeological and/or tribal cultural resource, a data recovery program shall be conducted to recover an adequate sample from the site to mitigate any impacts by the project.</p> <p>At the completion of all disturbances within native soils</p>										

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during project construction, the archaeological monitor shall provide a report documenting the monitoring conducted on the site, including a discussion of any cultural and/or tribal cultural resources encountered during construction, how those resources were addressed and documented, any data recovery program, and where any artifacts were curated.											
Water Quality and Storm Runoff											
WQ-1: The City of Lake Elsinore (City) shall comply with the provisions of the Construction General Permit Order No. 2009-0009-DWQ, NPDES No. CAS000002, and any subsequent permit or individual permit if required by the Santa Ana Regional Water Quality Control Board (RWQCB) as they relate to construction activities for the project including dewatering. This shall include a Notification of Intent (NOI) to the RWQCB at least 30 days prior to the start of construction,	Chapter 2, page 2.11-11	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Storm Water / Resident Engineer / Contractor	During final design and prior to construction							

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preparation and implementation of a Storm Water Pollution Prevention Plan and a Notice of Termination to the Santa Ana RWQCB upon completion of construction and stabilization of the site.											
WQ-2: The City of Lake Elsinore shall comply with the provisions of the California Department of Transportation (Caltrans) Statewide National Pollutant Discharge Elimination System (NPDES) Permit Order No. 2012-0011-DWQ, NPDES No. CAS000003. The City shall follow the procedures outlined in the Storm Water Quality Handbooks, Project Planning and Design Guide, for implementing Design Pollution Prevention and Treatment Best Management Practices (BMPs) for the project. This shall include coordination with the Santa Ana RWQCB with respect to feasibility, maintenance, and monitoring of Treatment BMPs as set forth in Caltrans' Statewide Storm Water Management	Chapter 2, page 2.11-11	Environmental Document	District Design / District Storm Water / Resident Engineer / Contractor	During final design and prior to construction							

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Plan.											
WQ-3: The City of Lake Elsinore shall comply with the provisions of the Riverside County Flood Control and Water Conservation District NPDES Permit Order No. R8-2013-0024, NPDES No. CAS 618033, and any subsequent permit or individual permit if required by the RWQCB as they relate to post-construction and operational activities. The City shall prepare a Storm Water Pollution Prevention Plan in compliance with the NPDES Permit requirements.	Chapter 2, page 2.11-11	Environmental Document	District Design / District Storm Water / Resident Engineer / Contractor	During final design and prior to construction							
Geology/Soils/Seismic/Topography											
GEO-1: During the final design, a detailed geotechnical investigation shall be conducted by a qualified geotechnical/geologic engineer to prepare the Final Geotechnical Report. The geotechnical report will build on the information in the Preliminary Geotechnical Report, focusing the analysis on potential geotechnical constraints to the selected build alternative and the	Chapter 2, page 2.12-7	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / Resident Engineer / Contractor	During final design and prior to construction							

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										YES	NO
<p>specific design features included in the final engineering to address those constraints. The Preliminary Geotechnical Report identified potential soil-related constraints and hazards, such as manufactured slope instability, settlement, liquefaction, or secondary effects of seismic shaking. The detailed analysis in the Final Geotechnical Report will address those constraints along the entire alignment of the selected alternative with appropriate design features addressing those constraints included in the final project design. The project-specific findings and recommendations of the geotechnical investigation shall be summarized in a Final Geotechnical Report to be submitted to the City of Lake Elsinore for review and approval. Those findings and recommendations shall be incorporated in the final design of the Build Alternative.</p> <p>The report will specifically</p>											

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										YES	NO
include: <ul style="list-style-type: none"> Evaluation of expansive soils, compressible soils, and corrosive soils along the selected alignment and recommendations regarding construction procedures and/or incorporation of design criteria in the final design to minimize the effect of these soils on the project. Identification of potential liquefiable areas within the project limits and recommendations and/or design criteria to minimize the effect of liquefaction on the project. Demonstration that manufactured slopes can be designed to address slope stability. 											

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										YES	NO
<p>GEO-2: All of the following requirements will be included in the final design for the project:</p> <ul style="list-style-type: none"> • Structures shall be designed to resist the maximum credible earthquake associated with nearby faults. • Design and construction of the project in accordance with California Department of Transportation guidelines, current regulations, and the California Building Code. 	Chapter 2, page 2.12-8	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / Resident Engineer / Contractor	During final design and prior to construction							
<u>Paleontology</u>											
<p>PAL-1: Prior to the beginning of construction activities, the City of Lake Elsinore (City), in accordance with the guidelines on the California Department of Transportation (Caltrans) Standard Environmental Reference website, the County of Riverside guidelines, and the guidelines of the Society of Vertebrate Paleontology, shall develop a Paleontological</p>	Chapter 2, page 2.13-7	Environmental Document	District Design / District Paleontological Studies / Resident Engineer / Contractor	During final design and prior to construction							

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										YES	NO
Mitigation Plan (PMP) for implementation during the excavation phase of the project. The PMP shall be prepared and shall include, but not be limited to, the following: <ul style="list-style-type: none"> ◆ A pre-construction field survey shall be conducted, followed by salvage of surface paleontological resources, if necessary. ◆ All grading and excavation in sediments with the potential to contain paleontological resources shall be monitored by trained paleontological crews working under the direction of a qualified professional. Monitors shall be empowered to temporarily halt or divert equipment to allow the removal of abundant or large specimens. Paleontological monitors shall be equipped to salvage fossils as they are unearthed to avoid 											

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										YES	NO
construction delays. ♦ The fossils shall be stabilized, salvaged, and removed to safe off-site storage. ♦ The fossils shall undergo preparation, identification, and analysis to allow their identification. ♦ The fossils shall be curated into the systematic storage system of an established institutional repository. ♦ A Paleontological Mitigation Report signifying completion of the PMP shall be prepared and submitted to Caltrans.											

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									YES	NO
Hazardous Waste/Materials										
<p>HAZ-1: Site Investigations. During final design, site investigations and soil testing will be conducted for hazardous materials sites identified in the <i>Updated Initial Site Assessment (ISA)</i> (November 22, 2016) that are within the right-of-way of Alternative 2 for implementation.</p> <p>It was not <i>prudent</i> to conduct these site investigations prior to completion of this Final Initial Study/ Environmental Assessment (IS/EA), because new contamination may occur if the site investigations are completed too far in advance of right-of-way acquisition for the project.</p> <p>HAZ-1A: The Site Investigation Report will be submitted to the California Department of Transportation (Caltrans) District 8 Hazardous Waste Coordinator for review and approval of areas within</p>	Chapter 2, page 2.14-6	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Environmental Engineering / Resident Engineer / Contractor	During final design and prior to construction						

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										YES	NO
<p>State right-of-way.</p> <p>If contaminants are determined to be present during the site investigations, the City Project Manager, in consultation with the Contract Qualified Engineer/Geologist, may determine that one or more of the following specialized reports may be necessary: Remedial Actions Options Report, Soil Management Plan, Sensitive Receptor Survey, Human Health/ Ecological Risk Assessment, and/or Quarterly Monitoring Report.</p> <p>These reports will be submitted to the Caltrans District 8 Hazardous Waste Coordinator, as well as to the applicable oversight agency for review and approval of areas within State right-of-way.</p> <p>HAZ-1B: The City Project Manager will require the Contract Qualified Engineer/Geologist to prepare a work plan for approval by the</p>											

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										YES	NO
<p>Riverside County Department of Environmental Health, and if groundwater has been impacted, to also coordinate with the Regional Water Quality Control Board (RWQCB), Santa Ana Region, for all site investigations for leaking underground storage tank (LUSTs). The City Project Manager will require the Contract Qualified Engineer/Geologist to conduct those site investigations consistent with the work plan approved by the Riverside County Department of Environmental Health and/or the RWQCB as appropriate.</p> <p>The City Project Manager will require the Contract Qualified Engineer/Geologist to coordinate all site investigations for any automotive or industrial uses to be coordinated with the Riverside County Department of Environmental Health. Site investigations for any clandestine drug lab locations will be coordinated with the Riverside County Department of Environmental Health, the</p>											

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										YES	NO
<p>California Department of Toxic Substances Control (DTSC), and law enforcement agencies with jurisdiction in the area of the suspected drug lab.</p> <p>Prior to completion of final design, the City Project Manager will require the Contract Qualified Engineer/Geologist to prepare a Hazardous Materials Disclosure Document that clears affected right-of-way for acquisition. The City Project Manager will submit the Hazardous Materials Disclosure Document to the Caltrans District 8 Hazardous Waste Coordinator for review.</p>											

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										YES	NO
<p>HAZ-2: Traffic Stripe and Pavement Markings. Prior to any site preparation, disturbance, grading, and construction, the City Resident Engineer will require the Construction Contractor to test and remove any striping paint and pavement-marking material in accordance with the Caltrans Standard Special Provisions.</p> <p>During site preparation, disturbance, and construction, the City Resident Engineer will require the Construction Contractor to remove striping and pavement-marking material in accordance with Caltrans Standard Special Provisions.</p>	Chapter 2, page 2.14-7	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Environmental Engineering / Resident Engineer / Contractor	Prior to any site preparation, disturbance, grading and construction							
<p>HAZ-3: Hazardous Building Materials Surveys. Prior to any site preparation, disturbance, and construction, the City Resident Engineer will require a certified consultant under contract to Riverside County Transportation Commission (RCTC) to conduct predemolition hazardous materials surveys</p>	Chapter 2, page 2.14-7	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Environmental Engineering / Resident Engineer / Contractor	Prior to any site preparation, disturbance, grading and construction							

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										YES	NO
<p>for all potentially hazardous materials such as asbestos, lead-based paint, mercury, and polychlorinated biphenyl (PCB) surveys of any structures that will be renovated or demolished.</p> <p>Based on the results of the testing conducted by the certified consultant and prior to the demolition or renovation of any structures determined to contain hazardous materials that exceed the California Health and Safety Code criteria for hazardous waste, the City Resident Engineer will require the Construction Contractor to properly remove, store, transport and dispose of (at an appropriate Class I or II facility) any building materials that exceed the California Health and Safety Code criteria for hazardous waste.</p>											
<p>HAZ-4: Site Work Plan and Procedures. Prior to soil excavations, a Site Investigation Work Plan will be prepared and submitted to Caltrans for review and approval. During final design,</p>	Chapter 2, page 2.14-8	Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	Prior to construction and during construction							

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										YES	NO
soil testing shall be conducted. During construction, soil excavations conducted on site shall be monitored by the construction contractor for visible soil staining, odor, and the possible presence of unknown hazardous material sources, such as buried 55-gallon drums and underground tanks. If hazardous materials contamination or sources are suspected or identified during project construction activities, an environmental professional shall evaluate the course of action required. This course of action shall follow the Unknown Hazards Procedures described in Chapter 7 of August 2006 Caltrans' <i>Construction Manual</i> .											
HAZ-5: Reconnaissance Interviews. During the right-of-way appraisal and acquisition process, due to the presence of stored vehicles on residential sites required for parcel acquisitions, additional site reconnaissance and owner interviews should be performed to fill data gaps and	Chapter 2, page 2.14-8	Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During Final Design							

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									YES	NO
identify any potential soil impacts that may require additional testing.										
<p>HAZ-6: Soil Sampling for VOCs and PCBs. Prior to completion of right-of-way acquisition and during final design, the City Resident Engineer will require a qualified consultant (Contract Qualified Consultant) under contract to the City to conduct soil sampling for volatile organic compounds (VOCs), PCBs, or heavy metals due to vehicle storage on parcels required for either full or partial acquisitions. Soils near the house foundation should also be analyzed for persistent organochlorine pesticides and lead.</p> <p>It is not feasible to conduct soil sampling and, if needed, remediation, and include the results of those activities in the Final Initial Study/ Environmental Assessment (IS/EA) because the City does not currently own the properties that may require these investigations. Any such</p>	Chapter 2, page 2.14-8	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Environmental Engineering / Resident Engineer / Contractor	During Final Design						

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										YES	NO
testing and remediation could result in ground disturbance or disturbance of existing structures, which are activities that need to be undertaken as part of the project implementation itself. In addition, new contamination may occur if those investigations are conducted too far in advance of property acquisition. The analytical results of the soil sampling will determine the appropriate handling and disposal of the soil.											

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										YES	NO
<p>HAZ-7: Utility Inspections. During final design, interviews with the owners of the parcels with cell towers required for acquisition should be conducted in order to determine chemical use and storage on site. Prior to any site preparation, disturbance, grading, and construction, the City Resident Engineer will require a qualified consultant (Contract Qualified Consultant) under contract to the City to conduct inspections of utility pole-mounted transformers that will be relocated or removed as part of the project. Any identified leaking transformers will be considered a PCB hazard unless tested and confirmed otherwise by the Contract Qualified Consultant. For any confirmed PCBs, the City Resident Engineer will require the Construction Contractor to remove, handle, store, and dispose of them and any affected soils consistent with applicable laws and regulations.</p>	Chapter 2, page 2.14-8	Environmental Document	City of Lake Elsinore (Public Works Department) / District Design / District Environmental Engineering / Resident Engineer / Contractor	During final design and prior to construction							

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									YES	NO
Air Quality										
AQ-1: During clearing, grading, earthmoving, or excavation operations, excessive fugitive dust emissions will be controlled by regular watering or other dust preventive measures using the following procedures, as specified in the South Coast Air Quality Management District (SCAQMD) Rule 403. All material excavated or graded will be sufficiently watered to prevent excessive amounts of dust. Watering will occur at least twice daily with complete coverage, preferably in the late morning and after work is done for the day. All material transported on site or off site will be either sufficiently watered or securely covered to prevent excessive amounts of dust. The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized so as to prevent excessive amounts of dust. These control techniques will be indicated in project specifications. Visible dust	Chapter 2, page 2.15-28	Air Quality Report, Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During construction						

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										YES	NO
beyond the property line emanating from the project will be prevented to the maximum extent feasible.											
AQ-2: Project grading plans will show the duration of construction. Ozone precursor emissions from construction equipment vehicles will be controlled by maintaining equipment engines in good condition and in proper tune per manufacturers' specifications.	Chapter 2, page 2.15-29	Air Quality Report, Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During construction							
AQ-3: All trucks that are to haul excavated or graded material on site will comply with State Vehicle Code Section 23114, with special attention to Sections 23114(b)(F), (e)(2), and (e)(4), as amended, regarding the prevention of such material spilling onto public streets and roads.	Chapter 2, page 2.15-29	Air Quality Report, Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During construction							
AQ-4: The contractor shall comply with air-pollution control rules, regulations, ordinances, and statutes that apply to work performed under the Contract, including those provided in Government Code Section 11017 (Pub Contract	Chapter 2, page 2.15-29	Air Quality Report, Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During construction	Standard Specifications for Construction (Sections 14.9 02 and 14 9.03).						

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Code Section 10231) (Caltrans Standard Specifications for Construction Section 14.9-02).											
AQ-5: All construction vehicles both on- and off-site shall be prohibited from idling in excess of 10 minutes.	Chapter 2, page 2.15-29	Air Quality Report, Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	Prior to construction and during construction							

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									YES	NO
Noise										
N-1: Construction activities occurring within the State right-of-way, the control of noise from construction activities, shall conform to the California Department of Transportation's (Caltrans) Standard Specifications, Section 14-8.02, "Noise Control," and the Standard Special Provisions 14-8.02, "Noise Control." The noise level from the Contractor's operations, between the hours of 9:00 p.m. and 6:00 a.m., shall not exceed 86 A-weighted decibels (dBA) at a distance of 50 feet (ft). The Contractor shall use an alternative warning method instead of a sound signal unless required by safety laws. In addition, the Contractor shall equip all internal combustion engines with the manufacturer-recommended muffler and shall not operate any internal combustion engine on the job site without the appropriate muffler.	Chapter 2, page 2.16-116	Environmental Document	District Design / District Environmental Engineering / Resident Engineer / Contractor	During construction	Standard Specifications, Section 14-8.02, "Noise Control," and the Standard Special Provisions 14-8.02, "Noise Control."					

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										YES	NO
N-2: During all site preparation, disturbance, grading, and construction within the City of Lake Elsinore (City) right-of-way, in accordance with the City of Lake Elsinore Municipal Code, the City shall require the Construction Contractor to limit construction activities to between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, excluding weekends and holidays. If construction is needed outside of those hours or days, the City shall require the Construction Contractor to coordinate with the City.	Chapter 2, page 2.16-116	Environmental Document	City of Lake Elsinore (Public Works Department)	During construction							
Wetlands and Other Waters											
WET-1: Prior to completion of final design, the City of Lake Elsinore (City) shall submit the Jurisdictional Delineation to the United States Army Corps of Engineers (USACE). The City shall obtain the Preliminary Jurisdictional Determination from USACE during the Plans, Specifications, and Estimates (PS&E) phase. In addition,	Chapter 2, page 2.18-9	Environmental Document	City of Lake Elsinore (Public Works Department)	During PS&E and prior to construction							

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										YES	NO
prior to completion of final design, the City shall submit a Pre-Construction Notification form to the USACE to obtain coverage under Nationwide Permits 14 and 33, pursuant to Section 404 of the Federal Clean Water Act (CWA). Any related measures associated with these permits will be implemented and will be incorporated into the Environmental Commitments Record prior to Ready to List.											
WET-2: Prior to completion of final design, the City shall obtain a certification of water quality or waiver from the Santa Ana Regional Water Quality Control Board (RWQCB) Region 8, pursuant to Section 401 of the CWA.	Chapter 2, page 2.18-9	Environmental Document	City of Lake Elsinore (Public Works Department)	Prior to Final Design							

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										YES	NO
WET-3: Prior to completion of final design, the City shall obtain a letter of nonjurisdiction or a Section 1602 Streambed Alteration Agreement from the California Department of Fish and Wildlife (CDFW). Measures required by the Section 1602 permit that would be issued by the CDFW prior to construction will be implemented and will also be incorporated into the Environmental Commitments Record prior to project construction.	Chapter 2, page 2.18-9	Environmental Document	City of Lake Elsinore (Public Works Department)	Prior to issuance of grading permits							
WET-4: For impacts to streambed and non-wetland waters, the City will purchase credits from a USACE- and CDFW-approved mitigation bank in the form of habitat enhancement, habitat creation, or a combination of habitat enhancement and habitat creation. Mitigation ratios for impacts to waters typically vary from 1:1 to 5:1. Negotiation with the USACE and the CDFW will take place to establish final mitigation ratios.	Chapter 2, page 2.18-9	Environmental Document	City of Lake Elsinore (Public Works Department)	Prior to issuance of grading permits							

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									YES	NO
Animal Species										
AN-1: A burrowing owl pre-construction survey within 30 days prior to ground disturbance is mandatory in suitable habitat areas. If burrowing owls are found to be present in the Biological Study Area (BSA) during subsequent pre-construction surveys, then the project-specific mitigation would be developed and authorized through consultation with the Western Riverside County Regional Conservation Authority, as outlined in the Multiple Species Habitat Conservation Plan (MSHCP), Table 9.2, and Appendix E of this document, Summary of MSHCP Species Survey Requirements.	Chapter 2, page 2.20-5	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to issuance of grading permits						
AN-2: Prior to clearing or construction, highly visible barriers (such as orange construction fencing) will be installed around disturbed/ruderal and riversidean sage scrub plant communities adjacent to the project footprint to be flagged as Environmentally Sensitive	Chapter 2, page 2.20-5	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to issuance of grading permits						

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										YES	NO
Areas (ESAs) to be preserved. No grading or fill activity of any type will be permitted within these ESAs. In addition, heavy equipment, including motor vehicles, will not be allowed to operate within the ESAs. All construction equipment will be operated in a manner so as to prevent accidental damage to nearby preserved areas. No structure of any kind, or incidental storage of equipment or supplies, shall be allowed within these protected zones. Silt fence barriers will be installed at the ESA boundary to prevent accidental deposition of fill material in areas where vegetation is immediately adjacent to planned grading activities.											

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										YES	NO
AN-3: All equipment maintenance, staging, and dispensing of fuel, oil, or any other such activities will occur in developed or designated non-sensitive upland habitat areas. The designated upland areas will be located in such a manner as to prevent the runoff from any spills from entering waters of the United States or waters of the State.	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							
AN-4: Per the project's <i>Storm Water Data Report</i> (July 2017), best management practices (BMPs) will be implemented to avoid or reduce potential storm water impacts to affected downstream waters. Avoidance and minimization efforts will be implemented through the use of pollution prevention BMPs, treatment BMPs, and construction site BMPs.	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							

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										YES	NO
AN-5: A qualified biologist shall monitor construction for the duration of the project to ensure that vegetation removal, BMPs, ESAs, and all avoidance and minimization measures are properly constructed and followed.	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							
AN-6: The project will comply with MSHCP Section 6.1.4. Guidelines Pertaining to Urban/Wildlands Interface, which addresses effects associated with locating development in proximity to an MSHCP Conservation area. In addition, the project will comply with MSHCP, Volume 1, Appendix C, Standard Best Management Practices and MSHCP Section 7.5.3, Construction Guidelines	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							
AN-7: Vegetation clearing and preliminary ground disturbance work will be completed outside of bird breeding season (typically set as February 15 through September 1). In the event that initial groundwork cannot be conducted outside the bird breeding season, focused surveys will be conducted prior to ground-	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							

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										YES	NO
<p>disturbing activities. Should nesting birds be found, an exclusionary buffer will be established by the biologist. The buffer may be up to 500 feet in diameter depending on the species of nesting bird found. This buffer will be clearly marked in the field by construction personnel under guidance of the biologist, and construction or clearing will not be conducted within this zone until the biologist determines that the young have fledged or the nest is no longer active.</p> <p>In order to avoid impacts to nesting birds protected by the Migratory Bird Treaty Act (MBTA), and for compliance with the MSHCP Incidental Take Permit Condition 5, any vegetation removal or tree (native or exotic) trimming activities will occur outside of the nesting bird season (typically set as February 15 through September 1). In the event vegetation clearing is necessary during the nesting season, a qualified biologist will conduct a pre-construction</p>											

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										YES	NO
<p>survey within three days of ground disturbing activities to identify the locations of nests. Should nesting birds be found, the biologist will establish an exclusionary buffer that shall be clearly marked in the field by construction personnel under guidance of the biologist. Construction or clearing shall not be conducted within this zone until the biologist determines that the young have fledged or the nest is no longer active.</p> <p>Nesting bird habitat within the BSA will be resurveyed during the general bird breeding season if there is a lapse in construction activities longer than seven days.</p>											
<p>AN-8 Any new lighting fixtures that would be installed within 300 feet of the San Jacinto River shall be wildlife-friendly and shall be directed away from biologically sensitive areas, the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Conservation Areas, and vegetated</p>	Chapter 2, page 2.20-6	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	During construction							

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										YES	NO
drainages.											
<p>AN-9 Prior to construction, a agency-approved bat biologist shall conduct a bat assessment survey to determine the presence or absence of bat species that may occur within the project limits. Should the presence of bat species be determined during this assessment, the following measures shall be implemented to address potential impacts to bats.</p> <ul style="list-style-type: none"> Project-related construction activities shall occur outside of the bat maternity roosting season (April 1–August 31), if feasible. Should such activities occur during the maternity roosting season (April 1–August 31), the following measures shall be 	Chapter 2, page 2.20-7	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to construction							

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										YES	NO
<p>implemented to minimize potential impacts to day-roosting bats (including maternity colonies) from project construction.</p> <ul style="list-style-type: none"> Nighttime exit counts and acoustic surveys shall be performed by an agency-approved bat biologist at all structures that may be subject to project-related impacts. These surveys shall be performed during the recognized bat maternity season (April 1–August 31, but preferably in June or July), and as far in advance of construction as possible in order to provide adequate time for mitigation planning. Construction activities at structures housing maternity colonies shall be coordinated with an agency-approved bat biologist and the CDFW. If direct impacts to bat 											

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										YES	NO
roosting habitat are anticipated, humane evictions and exclusions of roosting bats should be performed under the supervision of an agency-approved bat biologist after August 31 in the fall (September or October) prior to any work activities that would result in direct impacts or direct mortality to roosting bats. This action will be performed in coordination with the CDFW. To avoid potential mortality of flightless juvenile bats, evictions and exclusions of bats cannot be performed during the maternity season (April 1–August 31). Winter months are also inappropriate for bat eviction because not all individuals in a roost will emerge on any given night. In addition, long-distance movements to other roost sites are more difficult during the winter when prey availability is scarce, resulting in high											

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										YES	NO
mortality rates of evicted bats. <ul style="list-style-type: none"> Alternate bat-roosting habitat structures should be installed on the structure prior to the eviction/exclusion of bats from that structure. The design, numbers, and locations of these roost structures should be determined in consultation with an agency-approved bat biologist. If permanent, direct impacts to bat roosting habitat are anticipated and a humane eviction/exclusion is performed, alternate permanent roosting habitat shall be provided to ensure no net loss of bat roosting habitat. This action shall be coordinated with the CDFW, and locations of these roost structures should be determined in consultation with an agency-approved bat 											

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									YES	NO
<p>biologist to ensure that the installed habitat will provide adequate mitigation for impacts.</p> <ul style="list-style-type: none"> • The loss of a night roost can negatively affect the use of a foraging area, and consequently may result in reduced fecundity in species that are already slow to reproduce. If night roosting is confirmed at any of the structures within the proposed project area, the following measure to minimize potential impacts to night-roosting and foraging bats shall be implemented: • At structures where night roosting is suspected or confirmed, work shall be limited to the daylight hours to the greatest extent feasible to avoid potential disruption of foraging. If night work cannot be avoided, night lighting shall be focused only on the area of direct work, airspace access to 										

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										YES	NO
and from the roost features of the structure shall not be obstructed, and light spillover into the adjacent foraging areas shall be minimized to greatest extent feasible.											

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									YES	NO
Threatened and Endangered Species										
<p>TE-1: Prior to clearing or construction during the least Bell's vireo nesting season (March 15 to September 1), highly visible barriers (such as orange construction fencing) will be installed providing a minimum 500-foot buffer around riparian and riverine communities adjacent to the project footprint to be flagged as Environmentally Sensitive Areas (ESAs) to be preserved. The ESAs will serve as an exclusionary buffer delineating areas where no work shall be performed during the least Bell's vireo nesting season. More specifically, no grading or fill activity of any type will be permitted within these ESAs. In addition, heavy equipment, including motor vehicles, will not be allowed to operate within the ESAs. All construction equipment will be operated in a manner so as to prevent accidental damage to nearby preserved areas. No structure of any kind, or incidental storage of</p>	Chapter 2, page 2.21-5	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to issuance of grading permits						

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										YES	NO
equipment or supplies, shall be allowed within these protected zones. Silt fence barriers will be installed at the ESA boundary to prevent accidental deposition of fill material in areas where vegetation is adjacent to planned grading activities. These special provisions shall be incorporated into the project's specifications and construction documents.											
TE-2: The project will comply with the Habitat Conservation Plan for the Stephens' Kangaroo Rat in Western Riverside County (Riverside County Habitat Conservation Agency, February 1995) and fulfill its compensatory mitigation requirements under this plan.	Chapter 2, page 2.21-5	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to issuance of grading permits							
TE-3 To address potential impacts to listed fairy shrimp species potentially within depressional areas that would be affected by project implementation, the Final Environmental Document shall include one of the following program and implementation actions to be completed after	Chapter 2, page 2.21-5	Natural Environment Study, Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to issuance of grading permits							

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									YES	NO
<p>approval of the Final Environmental Document but prior to any ground disturbance activities within depressional areas that may be potentially affected by project implementation. Only one of the two options identified below is required to address potential impacts to listed fairy shrimp species potentially within depressional areas within the project limits.</p> <p>Option A:</p> <p>1) Conduct one single dry-season (i.e., no water present) fairy shrimp sampling within the depressional areas that would be affected by the project to determine if fairy shrimp cysts are present. The sampling shall require special authorization from the USFWS. If cysts are determined to be present, assume presence of listed fairy shrimp species within depressional areas that would be affected by</p>										

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										YES	NO
project implementation without hatching the cysts. 2) Remove the top two inches of soil from these areas and translocate the soil to an area of fairy shrimp habitat creation to be determined in consultation with the Western Riverside County Regional Conservation Authority (RCA) and approved by the USFWS and CDFW. The long-term management of the fairy shrimp habitat where soils will be translocated if listed fairy shrimp are found shall be the responsibility of the City. If the receptor site is not suitable due to insufficient area for placement outside of existing seasonal pool and smooth tarplant mitigation areas, the RCA would be willing to accept soils and long term management of the same if an appropriate RCA owned and											

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										YES	NO
<p>managed receptor site can be identified. In order to minimize potential damage to fairy shrimp cysts, the soil must be dry when it is removed.</p> <p>3) Upon translocation of the soils as approved by the RCA and Wildlife Agencies, no additional measures for fairy shrimp will be required, and impacts to the depressional areas affected by project implementation may proceed.</p> <p>Option B:</p> <p>1) Conduct one single dry-season (i.e., no water present) fairy shrimp survey/ sampling within the depressional areas that would be affected by the project. The survey/sampling shall require special authorization from the</p>											

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										YES	NO
USFWS. 2) If fairy shrimp cysts are found during the survey/sampling, an attempt to hatch them shall be made. 3) If hatching is unsuccessful, or if hatching is successful and vernal pool fairy shrimp (<i>Branchinecta lynchi</i>) or San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>) (i.e., listed fairy shrimp) are identified among the hatched fairy shrimp, the soil from the affected depressions shall be translocated to an area of existing fairy shrimp habitat to be determined in consultation with the RCA and approved by the USFWS and CDFW. The long-term management of the fairy shrimp habitat where soils will be translocated if listed fairy shrimp are found shall be the responsibility of the											

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									YES	NO
<p>City. If the receptor site is not suitable due to insufficient area for placement outside of existing seasonal pool and smooth tarplant mitigation areas, the RCA would be willing to accept soils and long term management of the same if an appropriate RCA owned and managed receptor site can be identified. In order to minimize potential damage to fairy shrimp cysts, the soil must be dry when it is removed.</p> <p>4) If hatching is successful and hatched fairy shrimp are all determined to be versatile fairy shrimp (<i>Branchinecta lindahli</i>, a common species), no additional measures for fairy shrimp shall be required, and impacts to the depression areas affected by project implementation may proceed.</p>										

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08-RIV-15
 PM 18.3 / 21.0

EA 08-0A4400
 PN 080000016

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
Invasive Species										
<p>IS-1: In compliance with Executive Order 13112 and Table 6-2 of the Multiple Species Habitat Conservation Plan (MSHCP), the landscaping and erosion control included in the project will not use species listed as invasive. In areas of particular sensitivity, extra precautions will be taken if invasive species are found in or next to the construction areas. These include the inspection and cleaning of construction equipment and eradication strategies to be implemented should an invasion occur. A weed abatement program shall be developed to minimize the importation of nonnative plant material during and after construction. At a minimum, this program shall include the following measures.</p> <ul style="list-style-type: none"> During construction, the construction contractor shall inspect and clean construction equipment at the beginning and end 	Chapter 2, page 2.22-3	Environmental Document	District Design / District Biological Studies / Resident Engineer / Contractor	Prior to construction						

Date: August 25, 2017

Project Phase:

- PA/ED (FED)
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										YES	NO
<p>of each day and prior to transporting equipment from one project location to another.</p> <ul style="list-style-type: none"> During construction, soil and vegetation disturbance will be minimized to the greatest extent feasible. During construction, the construction contractor shall ensure that all active portions of the construction site are watered a minimum of twice daily or more often when needed due to dry or windy conditions to prevent excessive amounts of dust. During construction, the construction contractor shall ensure that all material stockpiled is sufficiently watered or covered to prevent excessive amounts of dust. During construction, soil/gravel/rock will be obtained from weed-free 											

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										YES	NO
sources. <ul style="list-style-type: none"> Only certified weed-free straw, mulch, and/or fiber rolls will be used for erosion. The project has the potential to spread invasive species by the entering and exiting of construction equipment contaminated by invasive species, the inclusion of invasive species in seed mixtures and mulch, and by the improper removal and disposal of invasive species so that seed is spread along the highway. The following measures will be implemented to mitigate the potential of invasive species from spreading from or into the project area: Bare soil will be landscaped with the California Department of Transportation (Caltrans) recommended seed mix from locally adapted 											

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species, where feasible, to preclude the invasion of noxious weeds. The use of site-specific materials, which are adapted to local conditions, increases the likelihood that revegetation will be successful and maintain the genetic integrity of the local ecosystem. Arrangements shall be made well in advance of planting (9 months, if possible) to ensure that plant materials are located and available for the scheduled planting time. Sufficient time should be allocated for a professional seed company to visit the project site during the appropriate season and collect the native plant seed. If local propagules are not available or cannot be collected in sufficient quantities, materials collected or grown from other sources within Southern											

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<p>California shall be substituted. For widespread native herbaceous species that are more likely to be genetically homogeneous, site specificity is a less important consideration and seed from commercial sources may be used.</p> <ul style="list-style-type: none"> Seed purity shall be certified by planting seed labeled under the California Food and Agricultural Code or that has been tested within a year by a seed laboratory certified by the Association of Official Seed Analysts or by a seed technologist certified by the Society of Commercial Seed Technologists. Construction equipment will be cleaned of mud or other debris that may contain invasive plants and/or seeds and inspected to reduce the 											

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<p>potential of spreading noxious weeds (before mobilizing to arrive at site and before leaving site).</p> <ul style="list-style-type: none"> Trucks with loads carrying vegetation shall be covered and vegetative materials removed from the site shall be disposed of in accordance with all applicable laws and regulations. After construction, all revegetated areas will avoid the use of species listed on California Invasive Plant Council's California Invasive Plant Inventory that have a high or moderate rating. Erosion control and revegetation sites will be monitored for 2 to 3 years after construction to detect and control the introduction/invasion of nonnative species. Eradication procedures (e.g., spraying and/or 											

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hand weeding) will be outlined should an infestation occur; the use of herbicides will be prohibited within and adjacent to native vegetation, except as specifically authorized by the Caltrans District 8 Biologist.											