

Local Agencies

County of Riverside Sycamore
Creek Fire Station 64
25310 Elderberry Lane
Corona, CA 92883

City of Corona Public Works
Rafael Martinez
400 S. Vicentia Avenue
Corona, CA 92882

Corona Police Department
730 Public Safety Way
Corona, CA 92880

Mayor Dick Haley
Corona City Council
400 S. Vicentia Avenue
Corona, CA 92882

City of Corona Public Library
650 Main Street,
Corona, CA 92882
(hardcopy)

Supervisor John Tavaglione
County District Supervisor
4080 Lemon Street – 5th Floor
Riverside, CA 92501

Supervisor Kevin Jeffries
First District Supervisor
4080 Lemon Street
Riverside, CA 92502-1527

Western Riverside County
Regional Conservation
Authority
3403 Tenth Street #320
Riverside, CA 92501
(hardcopy)

Utilities

Santa Ana Watershed Project
Authority
David Ruhl
11615 Sterling Avenue
Riverside, CA 92503

Corona Water & Power
Tom Koper
755 Public Safety Way
Corona, CA 92880

Time Warner Cable
Steve Waters
560 S. Promenade Avenue,
Suite 102
Corona, CA 92879

Southern California Edison
Company
2448 Prielipp Road
Wildomar, CA 92595

Southern California Gas
Company
Planning Department
P.O. Box 3003
Redlands, CA 92373-0306

Elsinore Municipal Valley
Water District
P.O. Box 3000
Temescal Valley, CA 92883

Temescal Valley Water District
22646 Temescal Canyon Road
Temescal Valley, CA 92883

Level 3
1025 Eldorado Blvd-33A522
Broomfield, CO 80021

Sunesys, LLC
Western Regional Office
226 N. Lincoln Avenue
Corona, CA 92882

AT&T
22311 Brookhurst Street,
Suite 203
Huntington Beach, CA 92646

Appendix A Mitigation Monitoring and Reporting
Plan

**MITIGATION MONITORING AND REPORTING PROGRAM FOR THE
TEMESCAL ROAD WIDENING PROJECT – DAWSON CANYON SEGMENT**

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|-----------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| AESTHETICS | | | | |
| AES-1: Per Riverside County Transportation Department's standards regarding erosion control, exposed slopes will be revegetated. | After Construction | County of Riverside and Contractor | | |
| AES-2: Lighting for the project will be shielded. | During Construction | County of Riverside and Contractor | | |
| AES-3: The design and implementation of aesthetic elements shall be coordinated between the community and Riverside County Transportation Department and incorporated during final design. | Prior to Construction | County of Riverside | | |
| AIR QUALITY | | | | |
| AQ-1: The 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. | During Construction | Contractor | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|----------------------------------|-------------------------------|----------------------------|------|
| | | | Initials | Date |
| AQ-2: The contractor shall control dust by applying either water or dust palliative, or both. | During Construction | Contractor | | |
| AQ-3: The construction contractor shall implement control measures to reduce emissions of NOX, ROG, and PM ₁₀ . The contractor shall: <ul style="list-style-type: none"> • Minimize idling time to 5 minutes when construction equipment is not in use, unless per engine manufacturer's specifications or for safety reasons more time is required. • To the extent practicable, manage operation of heavy-duty equipment to reduce emissions such as maintaining heavy-duty earthmoving, stationary and mobile equipment in optimum running conditions. • Use electric equipment when feasible. • Properly maintain equipment according to manufacturers' specifications. | During Construction | Contractor | | |
| AQ-4: Construction of the project would comply with the South Coast Air Quality Management District's Rule 403—Fugitive Dust. | During Construction | Contractor | | |
| BIOLOGICAL RESOURCES BIO-1: Prior to the start of construction activities, the project limits in proximity to jurisdictional waters and along MSHCP Criteria Cell boundaries must be marked with high visibility Environmentally Sensitive Area (ESA) fencing or staking to ensure construction will not further encroach into waters or sensitive habitat areas. The project biologist will periodically inspect the ESA to ensure sensitive locations outside the limits of construction remain undisturbed. Fencing or staking will be maintained until the completion of all construction activities. | Prior to and During Construction | Contractor | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|---|---|----------------------------|------|
| | | | Initials | Date |
| <p>BIO-2: Contract specifications will include the following BMPs from the Western Riverside MSHCP, where applicable, to reduce erosion during construction:</p> <ul style="list-style-type: none"> • A project biologist will conduct a training session for project personnel prior to grading activities. The training shall include a description of the species of concern with potential to occur within the BSA and its habitats, the general provisions of the Endangered Species Act (Act) and the MSHCP, the need to adhere to the provisions of the Act and the MSHCP, the penalties associated with violating the provisions of the Act, the general measures that are being implemented to conserve the species of concern as they relate to the project, and the access routes to and project site boundaries within which the project activities must be accomplished. • Water pollution and erosion control plans will be developed and implemented in accordance with RWQCB requirements. • The project will be designed to avoid the placement of equipment and personnel within jurisdictional waters or on sand and gravel bars, banks, and adjacent upland habitats used by target species of concern. • If stream flows must be diverted, the diversions will be conducted using sandbags or other methods requiring minimal instream impacts. • Equipment storage, fueling, and staging areas will be located on upland sites with minimal risks of direct drainage into riparian areas or other sensitive habitats. 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 waters. Project related spills of hazardous materials will be reported to appropriate entities including but not limited to applicable jurisdictional city, USACE, CDFW, RWQCB and will be cleaned up immediately and contaminated soils removed to approved disposal areas. • Erodible fill material will not be deposited into water courses. Brush, loose soils, or other similar debris material will not be stockpiled within waters or on their banks. • The project biologist will monitor ground-disturbing activities to ensure that practicable measures are being employed to avoid incidental disturbance of habitat and species of concern outside the project footprint. | <p>Prior to and During Construction</p> | <p>County of Riverside and Contractor</p> | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|----------------------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p>Mitigation Measure</p> <ul style="list-style-type: none"> The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Temporary impacts to sensitive habitats and jurisdictional waters shall be returned to pre-existing conditions. Exotic species documented in Section 3.1.2. above, predominately located along Temescal Canyon Road will be permanently removed from the site (within the project disturbance area) to the extent feasible. To avoid attracting predators of the species of concern, 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 project site. Construction employees 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) shall be the minimal area necessary to complete the project and will be specified in the construction plans. | | | | |
| <p>BIO-3: The footprint of disturbance will be minimized to the maximum extent feasible. Access to construction sites will occur on pre-existing routes to the greatest extent possible.</p> | Prior to Construction | County of Riverside | | |
| <p>BIO-4: Prior to arrival at the project site and prior to leaving the project site, construction equipment that may contain invasive plants and/or seeds must be cleaned to reduce the spreading of noxious weeds.</p> | Prior to and During Construction | County of Riverside and Contractor | | |
| <p>BIO-5: All plant material used to re-vegetate temporarily disturbed habitat areas must be approved by the project biologist prior to installation and must be comprised of locally appropriate native species. Selected species must not be listed by Cal-IPC as invasive.</p> | During Construction | Contractor | | |
| <p>BIO-6: Vegetation clearing will only occur within the delineated project boundaries. Final plans will delineate which trees can be saved and which will be removed. Where possible, trees will be identified for trimming rather than full removal with the guidance of the project biologist. When feasible, vegetation within drainages will be cut above soil level.</p> | After Construction | County of Riverside and Contractor | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|----------------------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| BIO-7: Where feasible, impacts to native oak trees (<i>Quercus</i> sp.) would be mitigated at a 1:1 ratio at an off-site County approved location. | Prior to Construction | County of Riverside and Contractor | | |
| BIO-8: The project will adhere to the Riverside County Oak Tree Management Guidelines and Policies, as stipulated in the Temescal Canyon Area Plan of the Riverside County General Plan (TCAP 17.1). To the greatest extent practicable, native oak trees will be avoided and protected. | Prior to Construction | County of Riverside | | |
| BIO-9: If possible, vegetation removal should occur between September 2 nd and January 31 st , outside the breeding season for all bird species (February 1 st -September 1 st). | Prior to and During Construction | County of Riverside and Contractor | | |
| BIO-10: If vegetation removal is to take place during the nesting season (February 1 st -September 1 st), a pre-construction nesting bird survey must be conducted within 7 days prior to vegetation removal. Within 2 weeks of the nesting bird survey, all vegetation cleared by the biologist will be removed by the contractor. If vegetation is not removed within 2 weeks following the initial bird survey, additional nesting bird surveys would be required. A minimum 100 foot no-disturbance buffer will be established around any active nest of migratory birds and a minimum 300 foot no-disturbance buffer will be established around any nesting raptor species. The contractor must immediately stop work in the nesting area until the appropriate buffer is established and is prohibited from conducting work that could disturb the birds (as determined by the project biologist and in coordination with wildlife agencies) in the buffer area until the project biologist determines the young have fledged. A reduced buffer can be established if determined appropriate by the project biologist and approved by CDFW. | Prior to Construction | County of Riverside | | |
| BIO-11: Pre-construction presence/absence surveys for burrowing owl within the project area, where suitable Habitat is present, will be conducted for all Covered Activities through the life of the permit. Surveys will be conducted within 30 days prior to initial ground-disturbing activity, as required per the MSHCP. If the survey reveals that the site and the surrounding area supports fewer than 3 | Prior to Construction | County of Riverside | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|-----------------------|-------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p>pairs of burrowing owls, then the Project would prepare a Burrowing Owl Protection and Relocation Plan for review and approval by the wildlife agencies and the Western Riverside County Regional Conservation Authority (WRCRCA).</p> | | | | |
| <p>BIO-12: If an active burrowing owl burrow is observed during pre-construction surveys the following will be implemented:</p> <ul style="list-style-type: none"> • Environmental awareness training will be provided prior to the onset of the project work for construction personnel to brief them on how to recognize burrowing owls and how to handle any encounters with burrowing owls; • No fumigation, use of treated bait or other poisoning nuisance animals in the area where burrowing owls are known to occur; • Ground disturbance near observed burrow location will be conducted during the nonbreeding season of September 1 – February 28 with a 50m (165 ft) setback; • CDFW will be promptly informed for further guidance. | After Construction | Contractor | | |
| <p>BIO-13: All staging areas, borrow sites, and other areas of temporary disturbance will be returned to preconstruction conditions.</p> | Prior to Construction | County of Riverside | | |
| <p>BIO-14: Prior to tree removal, the project biologist will conduct surveys to determine if "bat habitat trees" exist within the project footprint. Potential bat habitat trees typically are mature trees with features such as open cavities, crevices or loose bark. Potential "bat habitat trees" that will be removed as a result of the project (including utility relocation), must be removed between September 1st and March 31st outside of the maternity season (April 1st –August 31st). Additional specific tree removal procedures (including potential exclusions, removal of bark et.) will be determined on a case, by case basis by the project biologist. Potential bat habitat trees not requiring removal will be protected in place with ESA fencing.</p> | During Construction | Contractor | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|-----------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| BIO-15: A pre-construction clearance survey will be conducted by the project biologist to verify that no wildlife is located within the project area before ground disturbing activities. | During Construction | Contractor | | |
| BIO-16: The contractor must not apply rodenticide or herbicide within the project area during construction. | Prior to Construction | County of Riverside | | |
| BIO-17: The contractor must dispose of all food-related trash in closed containers, and must remove it from the project area each day during construction. Construction personnel must not feed or attract wildlife to the project area. | During Construction | Contractor | | |
| BIO-18: During revegetation efforts, the project will be required to apply, at a minimum, 8 native and/or sterile species, 4 of which must come from the table below. Final seed selection will be coordinated with the project biologist. | After Construction | County of Riverside and Contractor | | |

| Common Name | Scientific Name | Type |
|-----------------------------|---------------------------------|-------|
| Bicolor lupine | <i>Lupinus bicolor</i> | Herb |
| Blow wives | <i>Achyrachaena mollis</i> | Herb |
| Brittlebush | <i>Encelia farinosa</i> | Shrub |
| California bromegrass | <i>Bromus carinatus</i> | Grass |
| California buckwheat | <i>Eriogonum fasciculatum</i> | Shrub |
| California evening primrose | <i>Oenothera californica</i> | Herb |
| California mugwort | <i>Artemisia douglasiana</i> | Herb |
| California poppy | <i>Eschscholzia californica</i> | Herb |
| Chia sage | <i>Salvia columbariae</i> | Herb |
| Coastal sage brush | <i>Artemisia californica</i> | Shrub |
| Coyote brush | <i>Baccharis pilularis</i> | Shrub |
| Desert bells | <i>Phacelia campanularia</i> | Herb |
| Desert croton | <i>Croton californicus</i> | Herb |
| Evening primrose | <i>Oenothera elata</i> | Herb |
| Mule fat | <i>Baccharis salicifolia</i> | Shrub |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|-------------------------------|-----------------------|------------------------------------|----------------------------|------|
| | | | | Initials | Date |
| Narrow leaf milkweed | <i>Asclepias fascicularis</i> | Herb | | | |
| Nodding needle grass | <i>Nassella cernua</i> | Grass | | | |
| Prickly poppy | <i>Argemone munita</i> | Herb | | | |
| Purple needle grass | <i>Stipa pulchra</i> | Grass | | | |
| Purple three awn | <i>Aristida purpurea</i> | Grass | | | |
| Rubber rabbitbrush | <i>Ericameria nauseosa</i> | Shrub | | | |
| Sixweeks grass | <i>Festuca octoflora</i> | Grass | | | |
| Small fescue | <i>Festuca microstachys</i> | Grass | | | |
| Tidy tips | <i>Layia platyglossa</i> | Herb | | | |
| CULTURAL RESOURCES | | | | | |
| CR-1: Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the need for cultural resource monitoring, the monitoring protocol, and the work cessation and notification protocol. | | Prior to Construction | County of Riverside | | |
| CR-2: If a significant archaeological resource(s) or tribal cultural resource is discovered on the property, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s), and the Riverside County Transportation Department shall confer regarding mitigation of the discovered resource(s). Work shall not resume in the area until mitigation has been completed or it has been determined that the archaeological resource(s) is not significant. | | During Construction | Contractor and County of Riverside | | |
| CR-3: An Archaeological Resources Discovery and Monitoring Plan and an Archaeological Resources Treatment Plan shall be prepared and implemented prior to project construction to protect the identified archaeological resource(s) or tribal cultural resources from damage and destruction during construction. The treatment plan shall contain a research design and data recovery program necessary to document the size and content of the discovery such that the resource(s) can be evaluated for significance under CEQA criteria. The research design shall list the sampling procedures appropriate to exhaust the research potential of the archaeological resource(s) or tribal cultural resources in | | Prior to Construction | County of Riverside | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p>accordance with current professional archaeology standards. The treatment plan shall require monitoring by the appropriate Native American Tribe(s) during data recovery and shall require that all recovered artifacts undergo basic field analysis and documentation or laboratory analysis, whichever is appropriate. At the completion of the basic field analysis and documentation or laboratory analysis, any recovered archaeological or tribal cultural resources shall be processed and curated according to current professional repository standards. The collections and associated records shall be donated to an appropriate curation facility, or, the artifacts may be delivered to the appropriate Native American Tribe(s) if that is recommended by the Riverside County Transportation Department. If the collections and associated records are donated to a curation facility, the facility shall be located within the Riverside County and shall meet federal standards per 36 CFR Part 79. A final report containing archaeological monitoring results and the significance and treatment findings (Archaeological Monitoring Results/Data Recovery Report) shall be prepared by the archaeologist and submitted to the Riverside County Transportation Department, the Eastern Information Center, and the appropriate Native American Tribe.</p> | | | | |
| <p>CR-4: If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the NAHC, which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.</p> | During Construction | Contractor and County of Riverside | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|-----------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p align="center">Mitigation Measure</p> <p>TRIBAL CULTURAL RESOURCES</p> <p>TCR-1: Oak trees within the project area are considered an important part of a Native American Traditional Cultural Landscape, representing a significant component of Native American cultural heritage and history. Final project roadway plans will be designed to avoid impacts to oak trees, when feasible. Should oak trees be removed to construct the project, the oak trees and their associated habitat shall be replaced according to the Riverside County Oak Tree Management Guidelines and Policies, as stipulated in the Temescal Canyon Area Plan of the Riverside County General Plan (TCAP 17.1).</p> | Prior to Construction | County of Riverside | | |
| <p>TCR-2: The Riverside County Transportation Department shall contact the consulting Native American Tribe(s) that have requested monitoring through consultation with the County of Riverside Transportation Department during the AB 52 process. The Riverside County Transportation Department shall coordinate with the Native American Tribe(s) to develop a Tribal Construction Monitoring Agreement(s). A copy of the agreement shall be provided to the Riverside County Transportation Department prior to the start of construction of the project. Both a tribal monitor and archaeological monitor shall be present during all ground disturbing activities of the project. The tribal and archaeological monitor may elect to reduce monitoring efforts should it be determined that further ground disturbing activities would have a low potential to impact buried cultural resources.</p> | Prior to Construction | County of Riverside | | |
| <p>TCR-3: In the event that Native American cultural resources are inadvertently discovered during the course of constructing this project, the following procedures will be carried out for treatment and disposition of the discoveries. The Riverside County Transportation Department shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. The Riverside County Transportation Department shall relinquish the Native American artifacts through one or more of the following methods and provide evidence of same.</p> | During Construction | Contractor and County of Riverside | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---------------------|-------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p align="center">Mitigation Measure</p> <p>a) A fully executed reburial agreement with the appropriate culturally affiliated Native American tribes or bands. This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloguing and basic recordation have been completed.</p> <p>b) A curation agreement with an appropriate qualified repository within Riverside County that meets federal standards per 36 CFR Part 79 and therefore would be professionally curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility within Riverside County, to be accompanied by payment of the fees necessary for permanent curation.</p> <p>c) Should reburial of collected cultural items be preferred, it shall not occur until after the final report documenting archaeological monitoring results and the significance and treatment findings (Archaeological Monitoring Results/Data Recovery Report) has been submitted to the Riverside County Transportation Department. Should curation be preferred, the Riverside County Transportation Department is responsible for all costs and the repository and curation method shall be described in the Archaeological Monitoring Results/Data Recovery Report.</p> | | | | |
| <p>GREENHOUSE GAS EMISSIONS</p> <p>CC-1: The contractor must comply with all local Air Quality Management District rules, ordinances, and regulations for air quality restrictions, which include the following relevant measures from the County of Riverside General Plan Air Quality Element:</p> <ul style="list-style-type: none"> • AQ 4.6. Require stationary air pollution sources to comply with applicable air district rules and control measures. • AQ 4.9. Require compliance with SCAQMD Rules 403 and 403.1, and support appropriate future measures to reduce fugitive dust emanating from construction sites. | During Construction | Contractor | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|---|---|----------------------------|------|
| | | | Initials | Date |
| <p>HAZARDS AND HAZARDOUS WASTE</p> <p>HAZ-1: To avoid impacts from pavement striping during construction it is recommended that removal requirements for yellow striping and pavement marking materials be performed in accordance with Caltrans Standard Special Provision 14-11.07 REMOVE YELLOW TRAFFIC STRIPE AND PAVEMENT MARKING WITH HAZARDOUS WASTE RESIDUE.</p> <p>HAZ-2: As is the case for any project that proposes excavation, the potential exists for unknown hazardous contamination to be revealed during project construction (such as previously undetected petroleum hydrocarbon contamination from nearby gas stations). Should any previously unknown hazardous waste/material be encountered during construction, the procedures outlined in Caltrans Hazards Procedures for Construction shall be followed.</p> | <p>During Construction</p> | <p>County of Riverside and Contractor</p> | | |
| <p>HYDROLOGY AND WATER QUALITY</p> <p>WQ-1: The following best management practices shall be incorporated into the 100% plans, specifications, and estimates, pursuant to the 2017 Transportation Project Guidance and the Riverside County MS4 permit guidelines:</p> <ul style="list-style-type: none"> • Road widths shall be minimized where feasible to reduce the increase in impervious surfaces to the minimum necessary to meet the project purpose and need. • Install and maintain trash racks in new and existing catch basins; • Provide stencil painting and sign on catch basin inlets ("Only Rain Down the Storm Drain"); • Drainage facilities shall be inspected and maintained to ensure they continue to function as intended by the project design (catch basins, storm drain pipe, structures); and • Road surfaces adjoining the curb & gutter shall be swept regularly to minimize sedimentation buildup in the stormdrain system and to reduce discharge of sediment into adjacent water features. | <p>Prior to and During Construction</p> | <p>County of Riverside and Contractor</p> | | |

| Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|--|----------------------------------|------------------------------------|----------------------------|------|
| | | | Initials | Date |
| <p>WQ-2: The construction contractor shall obtain coverage under the Construction General Permit 2009-0009-DWQ NPDES CAS No. CAS 000002 prior to any ground disturbance activities associated with the project. The Contractor's SWPPP shall describe the Contractor's plan for managing run-on and runoff during each construction phase. The SWPPP shall describe the Best Management Practices (BMPs) that will be implemented to control erosion, sediment, tracking, construction materials, construction wastes, and non-storm water flows. The SWPPP shall describe installation, operation, inspection, maintenance, and monitoring activities that will be implemented for compliance with the CGP and all applicable federal, state, and local laws, ordinances, statutes, rule and regulations related to the protection of water quality.</p> | Before and During Construction | County of Riverside and Contractor | | |
| <p>NOISE</p> <p>NOI-1: The Contractor shall follow County of Riverside noise ordinances for construction activities:</p> <ul style="list-style-type: none"> • Use an alternative waiting method instead of a sound signal unless required by safety laws. • Equip an internal combustion engine with the manufacturer-recommended muffler. • Do not operate an internal combustion engine on the job site without the appropriate muffler. | During Construction | Contractor | | |
| <p>TRANSPORTATION/TRAFFIC</p> <p>TRA-1: Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing and signage and a traffic control plan.</p> | Prior to and During Construction | County of Riverside and Contractor | | |

Appendix B RTP and Air Quality Road
Construction Emissions Model / CT-
EMFAC Output

TABLE 2 Financially-Constrained RTP/SCS Projects - Continued

| System | Lead Agency | RTP ID | Route # | Route Name | From | To | Description | Completion Year | Project Cost (\$1,000's) |
|--------------------------|------------------|------------|---------|----------------------|------------------------|--|--|-----------------|--------------------------|
| County: Riverside | | | | | | | | | |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT161 | 0 | HORSETHIEF CANYON RD | TEMESCAL CANYON RD | I-15 | WIDEN FROM 2 TO 4 LANES | 2030 | \$5,932 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT165 | 0 | | | | IN WESTERN RIVERSIDE COUNTY IN THE CITY OF JURUPA VALLEY - MARKET STREET BRIDGE REPLACEMENT: REPLACE THE EXISTING TWO LANE (ONE LANE IN EACH DIRECTION) MARKET STREET BRIDGE OVER THE SANTA ANA RIVER, 0.4 MILES NORTHWEST OF SR60 WITH A FOUR LANE (TWO LANES IN EACH DIRECTION) BRIDGE. BRIDGE NO. 56C0024 | 2020 | \$40,900 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT168 | 0 | MCCALL BLVD | MENIFEE RD | SR-79 (WINCHESTER) | CONSTRUCT 2 LANE ARTERIAL INCL. GRADE SEPARATION OVER BNSF RR (GRADE SEP PORTION IS NOT PART OF GRADE SEP LIST AND SHOULD REMAIN HERE) | 2035 | \$116,629 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT169 | 0 | MCCALL BLVD | SR-79 (WINCHESTER RD) | WARREN RD | CONSTRUCT 2 LANE ARTERIAL INCL. GRADE SEPARATION OVER BNSF RR - GRADE SEP PORTION IS NOT PART OF GRADE SEP LIST AND SHOULD REMAIN IN THE ARTERIAL SECTION. | 2035 | \$43,699 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT179 | 0 | NUEVO RD | DUNLAP DR | MENIFEE RD | WIDEN FROM 2 TO 4 LANES | 2030 | \$13,824 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT184 | 0 | RECHE CANYON RD | SAN BERNARDINO CO LINE | RECHE VISTA DR | WIDEN FROM 2 TO 4 LANES | 2030 | \$28,003 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT197 | 0 | TEMESCAL CANYON RD | EL CERRITO RD. | INDIAN TRUCK TRAIL | WIDEN FROM 2 TO 4 LANES | 2030 | \$36,416 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT198B | 0 | TEMESCAL CANYON RD | INDIAN TRUCK TRAIL | NEW TEMESCAL WASH, 0.22 MI. W/O LAKE ST. | WIDEN FROM 2 TO 4 LANES | 2035 | \$30,002 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT202 | 0 | WASHINGTON ST | HERMOSA DR | HARLEY JOHN RD | WIDEN FROM 2 TO 4 LANES | 2030 | \$19,460 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A04WT203 | 0 | WOOD RD | KRAMERIA AVE | CAJALCO RD | WIDEN FROM 2 TO 4 LANES | 2030 | \$14,137 |
| LOCAL HIGHWAY | RIVERSIDE COUNTY | 3A07007 | 0 | VAN BUREN BLVD | ORANGE TERRACE PKWY | OPPORTUNITY WAY | WIDEN FROM 4 TO 6 LANES | 2025 | \$3,983 |

Road Construction Emissions Model, Version 8.1.0

| Daily Emission Estimates for -> Temescal Dawson Canyon | | | | | | | | | | | | | | |
|--|--------------|-------------|--------------|---------------------|-----------------------|-----------------------------|----------------------|------------------------|------------------------------|--------------|--------------|--------------|--------------|---------------|
| Project Phases (Pounds) | ROG (lb/day) | CO (lb/day) | NOx (lb/day) | Total PM10 (lb/day) | Exhaust PM10 (lb/day) | Fugitive Dust PM10 (lb/day) | Total PM2.5 (lb/day) | Exhaust PM2.5 (lb/day) | Fugitive Dust PM2.5 (lb/day) | SOx (lb/day) | CO2 (lb/day) | CH4 (lb/day) | N2O (lb/day) | CO2e (lb/day) |
| Grubbing/Land Clearing | 1.40 | 10.92 | 15.68 | 10.69 | 0.69 | 10.00 | 2.70 | 0.62 | 2.08 | 0.02 | 2,332.22 | 0.59 | 0.03 | 2,354.68 |
| Grading/Excavation | 7.77 | 58.06 | 84.72 | 14.23 | 4.23 | 10.00 | 5.92 | 3.84 | 2.08 | 0.10 | 10,079.86 | 2.86 | 0.10 | 10,180.18 |
| Drainage/Utilities/Sub-Grade | 4.64 | 35.59 | 44.61 | 12.53 | 2.53 | 10.00 | 4.43 | 2.35 | 2.08 | 0.06 | 5,849.41 | 1.22 | 0.06 | 5,896.82 |
| Paving | 2.09 | 18.56 | 20.18 | 1.30 | 1.30 | 0.00 | 1.17 | 1.17 | 0.00 | 0.03 | 3,008.16 | 0.75 | 0.03 | 3,036.78 |
| Maximum (pounds/day) | 7.77 | 58.06 | 84.72 | 14.23 | 4.23 | 10.00 | 5.92 | 3.84 | 2.08 | 0.10 | 10,079.86 | 2.86 | 0.10 | 10,180.18 |
| Total (tons/construction project) | 0.18 | 1.34 | 1.85 | 0.38 | 0.10 | 0.28 | 0.15 | 0.09 | 0.06 | 0.00 | 230.18 | 0.06 | 0.00 | 232.36 |

Notes:
 Project Start Year -> 2018
 Project Length (months) -> 3
 Total Project Area (acres) -> 25
 Maximum Area Disturbed/Day (acres) -> 1
 Water Truck Used? -> Yes

| Phase | Total Materials Imported/Exported Volume (yd ³ /day) | | | | Daily VMT (miles/day) | | | |
|------------------------------|---|---------|--------------|-----------------|-----------------------|-------------|-------------|-------------|
| | Soil | Asphalt | Soil Hauling | Asphalt Hauling | Worker Commute | Water Truck | Water Truck | Water Truck |
| Grubbing/Land Clearing | 20300 | 0 | 0 | 0 | 280 | 40 | 40 | 40 |
| Grading/Excavation | 103,000 | 0 | 0 | 0 | 680 | 40 | 40 | 40 |
| Drainage/Utilities/Sub-Grade | 9,700 | 0 | 0 | 0 | 600 | 40 | 40 | 40 |
| Paving | 2,000 | 16000 | 0 | 0 | 480 | 40 | 40 | 40 |

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.
 Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in Column I and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in Column J and K.
 CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.

| Total Emission Estimates by Phase for -> Temescal Dawson Canyon | | | | | | | | | | | | | | |
|---|-----------------|----------------|-----------------|------------------------|--------------------------|--------------------------------|-------------------------|---------------------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Project Phases (Tons for all except CO2e, Metric tonnes for CO2e) | ROG (ton/phase) | CO (ton/phase) | NOx (ton/phase) | Total PM10 (ton/phase) | Exhaust PM10 (ton/phase) | Fugitive Dust PM10 (ton/phase) | Total PM2.5 (ton/phase) | Exhaust PM2.5 (ton/phase) | Fugitive Dust PM2.5 (ton/phase) | SOx (ton/phase) | CO2 (ton/phase) | CH4 (ton/phase) | N2O (ton/phase) | CO2e (MT/phase) |
| Grubbing/Land Clearing | 0.00 | 0.04 | 0.05 | 0.04 | 0.00 | 0.03 | 0.01 | 0.00 | 0.01 | 0.00 | 7.70 | 0.00 | 0.00 | 7.05 |
| Grading/Excavation | 0.12 | 0.86 | 1.28 | 0.21 | 0.06 | 0.15 | 0.09 | 0.06 | 0.03 | 0.00 | 149.69 | 0.04 | 0.00 | 137.15 |
| Drainage/Utilities/Sub-Grade | 0.05 | 0.35 | 0.44 | 0.12 | 0.03 | 0.10 | 0.04 | 0.02 | 0.02 | 0.00 | 57.91 | 0.01 | 0.00 | 52.96 |
| Paving | 0.01 | 0.09 | 0.10 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 14.89 | 0.00 | 0.00 | 13.64 |
| Maximum (ton/phase) | 0.12 | 0.86 | 1.26 | 0.21 | 0.06 | 0.15 | 0.09 | 0.06 | 0.03 | 0.00 | 149.69 | 0.04 | 0.00 | 137.15 |
| Total (tons/construction project) | 0.18 | 1.34 | 1.85 | 0.38 | 0.10 | 0.28 | 0.15 | 0.09 | 0.06 | 0.00 | 230.18 | 0.06 | 0.00 | 210.79 |

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.
 Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in Column I and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in Column J and K.
 CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1, 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.
 The CO2e emissions are reported as metric tons per phase.

Riverside (SC) - 2016 - Existing Emissions.EF.txt

File Name: Riverside (SC) - 2016 - Annual.EC
 CT-EMFAC Version: 6.0.0.29548
 Run Date: 7/11/2017 10:27:01 AM
 Area: Riverside (SC)
 Analysis Year: 2016
 Season: Annual

| Vehicle Category | VMT Fraction Across Category | Diesel VMT Fraction Within Category |
|------------------|------------------------------|-------------------------------------|
| Truck 1 | 0.007 | 0.541 |
| Truck 2 | 0.013 | 0.979 |
| Non-Truck | 0.980 | 0.009 |

Road Length: 1.5 miles
 Volume: 210 vehicles per hour
 Number of Hours: 24 hours
 Avg. Idling Time: 0.205 minutes per vehicle
 Tot. Idling Time: 17.22 hours

VMT Distribution by Speed (mph):

| | |
|----|---------|
| 5 | 0.00% |
| 10 | 0.00% |
| 15 | 0.00% |
| 20 | 0.00% |
| 25 | 0.00% |
| 30 | 0.00% |
| 35 | 0.00% |
| 40 | 0.00% |
| 45 | 100.00% |
| 50 | 0.00% |
| 55 | 0.00% |
| 60 | 0.00% |
| 65 | 0.00% |
| 70 | 0.00% |
| 75 | 0.00% |

Summary of Project Emissions

| Pollutant Name | Running Exhaust (grams) | Idling Exhaust (grams) | Running Loss (grams) | Tire Wear (grams) | Brake Wear (grams) | Total (grams) | Total (US tons) |
|----------------|-------------------------|------------------------|----------------------|-------------------|--------------------|---------------|-----------------|
| HC | 332.9 | 15.2 | 343.9 | - | - | 692.0 | <0.001 |

| | Riverside (SC) - 2016 - Existing Emissions.EF.txt | | | | | | |
|--------------|---|----------|-------|------|-------|-------------|--------|
| ROG | 275.8 | 12.1 | 367.7 | - | - | 655.6 | <0.001 |
| TOG | 365.3 | 16.6 | 367.7 | - | - | 749.6 | <0.001 |
| CO | 9,073.4 | 126.6 | - | - | - | 9,200.0 | 0.010 |
| NOx | 1,760.8 | 27.6 | - | - | - | 1,788.4 | 0.002 |
| CO2 | 2,474,438.7 | 52,237.6 | - | - | - | 2,526,676.3 | 2.785 |
| CH4 | 76.2 | 3.9 | - | - | - | 80.1 | <0.001 |
| PM10 | 19.7 | 0.6 | - | 62.7 | 294.8 | 377.8 | <0.001 |
| PM2.5 | 18.5 | 0.6 | - | 15.7 | 126.4 | 161.1 | <0.001 |
| Benzene | 9.4 | 0.4 | 3.7 | - | - | 13.5 | <0.001 |
| Acrolein | 0.5 | <0.1 | - | - | - | 0.5 | <0.001 |
| Acetaldehyde | 3.8 | 0.2 | - | - | - | 3.9 | <0.001 |
| Formaldehyde | 10.8 | 0.5 | - | - | - | 11.3 | <0.001 |
| Butadiene | 2.1 | <0.1 | 0.0 | - | - | 2.2 | <0.001 |
| Naphthalene | 0.3 | <0.1 | 0.5 | - | - | 0.8 | <0.001 |
| POM | 0.3 | <0.1 | - | - | - | 0.4 | <0.001 |
| Diesel PM | 10.1 | 0.1 | - | - | - | 10.2 | <0.001 |
| DEOG | 29.4 | 1.2 | - | - | - | 30.6 | <0.001 |

=====
 END
 =====

File Name: Riverside (SC) - 2019 - Annual.EC
 CT-EMFAC Version: 6.0.0.29548
 Run Date: 7/11/2017 10:31:04 AM
 Area: Riverside (SC)
 Analysis Year: 2019
 Season: Annual

| Vehicle Category | VMT Fraction Across Category | Diesel VMT Fraction Within Category |
|------------------|------------------------------|-------------------------------------|
| Truck 1 | 0.006 | 0.567 |
| Truck 2 | 0.014 | 0.980 |
| Non-Truck | 0.980 | 0.010 |

Road Length: 1.5 miles
 Volume: 239 vehicles per hour
 Number of Hours: 24 hours
 Avg. Idling Time: 0.208 minutes per vehicle
 Tot. Idling Time: 19.88 hours

VMT Distribution by Speed (mph):

| | |
|----|---------|
| 5 | 0.00% |
| 10 | 0.00% |
| 15 | 0.00% |
| 20 | 0.00% |
| 25 | 0.00% |
| 30 | 0.00% |
| 35 | 0.00% |
| 40 | 0.00% |
| 45 | 100.00% |
| 50 | 0.00% |
| 55 | 0.00% |
| 60 | 0.00% |
| 65 | 0.00% |
| 70 | 0.00% |
| 75 | 0.00% |

Summary of Project Emissions

| Pollutant Name | Running Exhaust (grams) | Idling Exhaust (grams) | Running Loss (grams) | Tire Wear (grams) | Brake Wear (grams) | Total (grams) | Total (US tons) |
|----------------|-------------------------|------------------------|----------------------|-------------------|--------------------|---------------|-----------------|
| HC | 261.4 | 12.8 | 312.0 | - | - | 586.2 | <0.001 |

| | Riverside (SC) - 2019 - No Build Emissions.EF.txt | | | | | | |
|--------------|---|----------|-------|------|-------|-------------|--------|
| ROG | 211.7 | 10.1 | 333.5 | - | - | 555.3 | <0.001 |
| TOG | 287.2 | 14.0 | 333.5 | - | - | 634.7 | <0.001 |
| CO | 7,502.6 | 104.6 | - | - | - | 7,607.2 | 0.008 |
| NOx | 1,427.3 | 25.2 | - | - | - | 1,452.5 | 0.002 |
| CO2 | 2,576,756.7 | 54,890.6 | - | - | - | 2,631,647.3 | 2.901 |
| CH4 | 64.8 | 3.4 | - | - | - | 68.2 | <0.001 |
| PM10 | 17.7 | 0.7 | - | 71.5 | 334.9 | 424.8 | <0.001 |
| PM2.5 | 16.5 | 0.6 | - | 17.9 | 143.5 | 178.5 | <0.001 |
| Benzene | 7.0 | 0.3 | 3.3 | - | - | 10.7 | <0.001 |
| Acrolein | 0.3 | <0.1 | - | - | - | 0.4 | <0.001 |
| Acetaldehyde | 2.9 | 0.1 | - | - | - | 3.0 | <0.001 |
| Formaldehyde | 8.3 | 0.4 | - | - | - | 8.7 | <0.001 |
| Butadiene | 1.5 | <0.1 | 0.0 | - | - | 1.6 | <0.001 |
| Naphthalene | 0.2 | <0.1 | 0.5 | - | - | 0.7 | <0.001 |
| POM | 0.3 | <0.1 | - | - | - | 0.3 | <0.001 |
| Diesel PM | 6.6 | 0.1 | - | - | - | 6.7 | <0.001 |
| DEOG | 24.5 | 1.2 | - | - | - | 25.6 | <0.001 |

=====
 END
 =====

File Name: Riverside (SC) - 2019 - Annual.EC
 CT-EMFAC Version: 6.0.0.29548
 Run Date: 7/11/2017 10:31:31 AM
 Area: Riverside (SC)
 Analysis Year: 2019
 Season: Annual

| Vehicle Category | VMT Fraction Across Category | Diesel VMT Fraction Within Category |
|------------------|------------------------------|-------------------------------------|
| Truck 1 | 0.006 | 0.567 |
| Truck 2 | 0.014 | 0.980 |
| Non-Truck | 0.980 | 0.010 |

Road Length: 1.5 miles
 Volume: 261 vehicles per hour
 Number of Hours: 24 hours
 Avg. Idling Time: 0.17 minutes per vehicle
 Tot. Idling Time: 17.75 hours

VMT Distribution by Speed (mph):

| | |
|----|---------|
| 5 | 0.00% |
| 10 | 0.00% |
| 15 | 0.00% |
| 20 | 0.00% |
| 25 | 0.00% |
| 30 | 0.00% |
| 35 | 0.00% |
| 40 | 0.00% |
| 45 | 100.00% |
| 50 | 0.00% |
| 55 | 0.00% |
| 60 | 0.00% |
| 65 | 0.00% |
| 70 | 0.00% |
| 75 | 0.00% |

Summary of Project Emissions

| Pollutant Name | Running Exhaust (grams) | Idling Exhaust (grams) | Running Loss (grams) | Tire Wear (grams) | Brake Wear (grams) | Total (grams) | Total (US tons) |
|----------------|-------------------------|------------------------|----------------------|-------------------|--------------------|---------------|-----------------|
| HC | 285.5 | 11.4 | 340.7 | - | - | 637.6 | <0.001 |

| | Riverside (SC) - 2019 - Build Emissions.EF.txt | | | | | | |
|--------------|--|----------|-------|------|-------|-------------|--------|
| ROG | 231.2 | 9.0 | 364.2 | - | - | 604.4 | <0.001 |
| TOG | 313.6 | 12.5 | 364.2 | - | - | 690.4 | <0.001 |
| CO | 8,193.2 | 93.3 | - | - | - | 8,286.5 | 0.009 |
| NOx | 1,558.7 | 22.5 | - | - | - | 1,581.1 | 0.002 |
| CO2 | 2,813,947.7 | 48,992.1 | - | - | - | 2,862,939.8 | 3.156 |
| CH4 | 70.7 | 3.1 | - | - | - | 73.8 | <0.001 |
| PM10 | 19.3 | 0.6 | - | 78.1 | 365.7 | 463.7 | <0.001 |
| PM2.5 | 18.0 | 0.6 | - | 19.5 | 156.7 | 194.8 | <0.001 |
| Benzene | 7.6 | 0.3 | 3.6 | - | - | 11.6 | <0.001 |
| Acrolein | 0.4 | <0.1 | - | - | - | 0.4 | <0.001 |
| Acetaldehyde | 3.2 | 0.1 | - | - | - | 3.3 | <0.001 |
| Formaldehyde | 9.0 | 0.3 | - | - | - | 9.4 | <0.001 |
| Butadiene | 1.7 | <0.1 | 0.0 | - | - | 1.7 | <0.001 |
| Naphthalene | 0.2 | <0.1 | 0.5 | - | - | 0.7 | <0.001 |
| POM | 0.3 | <0.1 | - | - | - | 0.3 | <0.001 |
| Diesel PM | 7.2 | <0.1 | - | - | - | 7.3 | <0.001 |
| DEOG | 26.8 | 1.0 | - | - | - | 27.8 | <0.001 |

=====
 END
 =====

File Name: Riverside (SC) - 2045 - Annual.EC
 CT-EMFAC Version: 6.0.0.29548
 Run Date: 7/11/2017 10:32:17 AM
 Area: Riverside (SC)
 Analysis Year: 2045
 Season: Annual

```

=====
Vehicle Category      VMT Fraction      Diesel VMT Fraction
                        Across Category  Within Category
Truck 1                0.003              0.675
Truck 2                0.017              0.981
Non-Truck              0.980              0.012
=====
  
```

```

=====
Road Length:      1.5 miles
Volume:           320 vehicles per hour
Number of Hours:  24 hours
Avg. Idling Time: 0.207 minutes per vehicle
Tot. Idling Time: 26.50 hours
=====
  
```

```

=====
VMT Distribution by Speed (mph):
5      0.00%
10     0.00%
15     0.00%
20     0.00%
25     0.00%
30     0.00%
35     0.00%
40     0.00%
45     100.00%
50     0.00%
55     0.00%
60     0.00%
65     0.00%
70     0.00%
75     0.00%
=====
  
```

Summary of Project Emissions

```

=====
Pollutant Name      Running Exhaust  Idling Exhaust  Running Loss  Tire Wear  Brake Wear  Total  Total
                   (grams)         (grams)         (grams)      (grams)    (grams)    (grams) (US tons)
HC                  135.8           6.7             161.7         -           -           304.2  <0.001
=====
  
```

| | Riverside (SC) - 2045 - No Build Emissions.EF.txt | | | | | | |
|--------------|---|----------|-------|---|------|-------------|--------|
| ROG | 111.8 | 5.4 | 172.9 | - | - | 290.1 | <0.001 |
| TOG | 149.1 | 7.3 | 172.9 | - | - | 329.3 | <0.001 |
| CO | 3,614.9 | 51.3 | - | - | - | 3,666.3 | 0.004 |
| NOX | 366.7 | 12.4 | - | - | - | 379.1 | <0.001 |
| CO2 | 2,113,209.7 | 43,225.3 | - | - | - | 2,156,435.0 | 2.377 |
| CH4 | 31.9 | 1.7 | - | - | - | 33.6 | <0.001 |
| PM10 | 6.5 | 0.3 | - | - | 96.6 | 547.0 | <0.001 |
| PM2.5 | 6.0 | 0.3 | - | - | 24.1 | 220.5 | <0.001 |
| Benzene | 3.7 | 0.2 | 1.7 | - | - | 5.6 | <0.001 |
| Acrolein | 0.2 | <0.1 | - | - | - | 0.2 | <0.001 |
| Acetaldehyde | 1.8 | <0.1 | - | - | - | 1.9 | <0.001 |
| Formaldehyde | 4.8 | 0.2 | - | - | - | 5.1 | <0.001 |
| Butadiene | 0.8 | <0.1 | 0.0 | - | - | 0.9 | <0.001 |
| Naphthalene | 0.1 | <0.1 | 0.2 | - | - | 0.4 | <0.001 |
| POM | 0.1 | <0.1 | - | - | - | 0.1 | <0.001 |
| Diesel PM | 1.2 | <0.1 | - | - | - | 1.2 | <0.001 |
| DEOG | 15.4 | 0.8 | - | - | - | 16.3 | <0.001 |

=====
 END
 =====

File Name: Riverside (SC) - 2045 - Annual.EC
 CT-EMFAC Version: 6.0.0.29548
 Run Date: 7/11/2017 10:32:36 AM
 Area: Riverside (SC)
 Analysis Year: 2045
 Season: Annual

```

=====
Vehicle Category      VMT Fraction      Diesel VMT Fraction
                        Across Category  Within Category
Truck 1                0.003              0.675
Truck 2                0.017              0.981
Non-Truck              0.980              0.012
=====
  
```

```

=====
Road Length:          1.5 miles
Volume:               425 vehicles per hour
Number of Hours:     24 hours
Avg. Idling Time:    0.168 minutes per vehicle
Tot. Idling Time:    28.56 hours
=====
  
```

```

=====
VMT Distribution by Speed (mph):
5          0.00%
10         0.00%
15         0.00%
20         0.00%
25         0.00%
30         0.00%
35         0.00%
40         0.00%
45         0.00%
50         100.00%
55         0.00%
60         0.00%
65         0.00%
70         0.00%
75         0.00%
=====
  
```

Summary of Project Emissions

```

=====
Pollutant Name      Running Exhaust  Idling Exhaust  Running Loss  Tire Wear  Brake Wear  Total  Total
                    (grams)          (grams)          (grams)       (grams)    (grams)    (grams) (US tons)
HC                   180.4            7.2              214.8         -          -           402.4    <0.001
=====
  
```

| | Riverside (SC) - 2045 - Build Emissions.EF.txt | | | | | | | |
|--------------|--|----------|-------|---|-------|---|-------------|--------|
| ROG | 148.5 | 5.8 | 229.6 | - | - | - | 384.0 | <0.001 |
| TOG | 198.0 | 7.9 | 229.6 | - | - | - | 435.5 | <0.001 |
| CO | 4,801.1 | 55.3 | - | - | - | - | 4,856.4 | 0.005 |
| NOX | 487.1 | 13.3 | - | - | - | - | 500.4 | <0.001 |
| CO2 | 2,806,606.6 | 46,592.5 | - | - | - | - | 2,853,199.1 | 3.145 |
| CH4 | 42.4 | 1.8 | - | - | - | - | 44.1 | <0.001 |
| PM10 | 8.6 | 0.3 | - | - | 128.3 | - | 726.4 | <0.001 |
| PM2.5 | 7.9 | 0.3 | - | - | 32.1 | - | 292.8 | <0.001 |
| Benzene | 4.9 | 0.2 | 2.3 | - | - | - | 7.4 | <0.001 |
| Acrolein | 0.2 | <0.1 | - | - | - | - | 0.3 | <0.001 |
| Acetaldehyde | 2.4 | <0.1 | - | - | - | - | 2.5 | <0.001 |
| Formaldehyde | 6.4 | 0.3 | - | - | - | - | 6.7 | <0.001 |
| Butadiene | 1.1 | <0.1 | 0.0 | - | - | - | 1.1 | <0.001 |
| Naphthalene | 0.1 | <0.1 | 0.3 | - | - | - | 0.5 | <0.001 |
| POM | 0.2 | <0.1 | - | - | - | - | 0.2 | <0.001 |
| Diesel PM | 1.6 | <0.1 | - | - | - | - | 1.6 | <0.001 |
| DEOG | 20.5 | 0.9 | - | - | - | - | 21.4 | <0.001 |

=====
 END
 =====

Appendix C CNDDDB, USFWS, CNPS, and
CDFW Special Status Species
Table

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|--------------------------------|---|-----------------------------------|---|-----------------|--|
| Amphibian Species | | | | | |
| Arroyo toad | <i>Anaxyrus californicus</i> | Fed: E State: -- CDFW: SSC | Inhabits semi-arid regions near washes or intermittent streams of valley foothill, desert riparian, desert wash or similar communities. Requires sandy, low gradient, open wash habitat with slow moving or pooling water and associated woody riparian vegetation for breeding. Adults active from March to July. | HP | Low/Moderate Potential: The BSA contains sandy soils adjacent to the Temescal Canyon Wash with disturbed riparian vegetation. However, the BSA lacks pooling water for breeding required by the species. The nearest documented occurrence is 5 miles west within the Santa Ana Mountains west of the crest of the range. |
| western spadefoot | <i>Spea hammondi</i> | Fed: -- State: -- CDFW: SSC | Inhabits burrows within grassland and valley foothill hardwood woodland communities. Requires vernal, shallow, temporary pools formed by heavy winter rains for reproduction and sandy, friable soils to construct burrows. Breeds late winter-March. | HP | Low/Moderate Potential: The BSA contains moderately compacted sandy soils adjacent to the Temescal Canyon Wash. The nearest documented occurrence is approximately 0.50 miles north of the project along the Temescal Canyon Wash at Olsen Canyon. |
| Bird Species | | | | | |
| bald eagle | <i>Haliaeetus leucocephalus</i> | Fed: D State: E CDFW: FP | Species occurs near ocean shores, lakes, rivers, rangelands and coastal wetlands for nesting and wintering; nesting occurs within 1 mile of a water source with abundant fish near mountain forests and woodlands. Prefers ponderosa pines for nesting. | A | Presumed Absent: The BSA lacks a permanent water source with abundant fish with nesting habitat. The nearest documented occurrence is approximately 3.2 miles northeast along Lake Mathews. |
| burrowing owl | <i>Athene cunicularia</i> | Fed: -- State: -- CDFW: SSC | Species inhabits arid, open areas with sparse vegetation cover such as deserts, abandoned agricultural areas, grasslands, and disturbed open habitats. Requires friable soils for burrow construction (Below 5,300 feet). | HP | Low/Moderate Potential: The BSA contains open disturbed areas with sparse vegetation commonly associated with the species. The nearest documented of the species is approximately 7 miles north of the project that is currently developed. |
| coastal California gnatcatcher | <i>Polioptila californica californica</i> | Fed: T State: -- CDFW: SSC | Inhabits arid washes, mesas, and slopes of coastal hills dominated by dense, low-growing, drought-deciduous shrubs and subshrubs of coastal sage scrub. May also use chaparral, grassland, and riparian communities when adjacent or intermixed with sage scrub vegetation. Breeds February-August (0- 2,500 feet). | HP | High Potential: The BSA contains the Temescal Canyon Wash with associated fragmented coastal sage scrub habitat commonly associated with the species. The nearest documented occurrence is approximately 0.85 miles northeast within Olsen Canyon. |
| least Bell's vireo | <i>Vireo bellii pusillus</i> | Fed: E State: E CDFW: -- | Summer resident of southern California inhabiting low riparian habitats in the vicinity of water and dry river bottoms. | HP | High Potential: The BSA contains low riparian habitats adjacent to the Temescal Canyon Wash with dense |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|--------------------------------|---|---------------------------------|--|-----------------|--|
| southwestern willow flycatcher | <i>Empidonax traillii extimus</i> | Fed: E State: E CDFW: - | Prefers willows, baccharis, mesquite and other low, dense vegetation as nesting sites (below 2000 feet). Breeds in riparian habitats characterized by dense vegetation in proximity to open water or saturated soil. Species is associated with dense willow-covered islands and riparian habitats at elevations up to 8,000 feet. Breeds in April-August | A | nesting vegetation commonly associated with the species. The occurrence onsite was documented in 2012 and the species is known to occur within riverine riparian scrub habitat along the Temescal Canyon Wash. Presumed Absent: The BSA contains riparian habitat in proximity to the Temescal Canyon Wash; however, the riparian habitat is disturbed and the wash lacks permanent water for most of the year. The nearest documented occurrence of the species is approximately 10 miles north along the Santa Ana River in a dense riparian corridor. |
| Swainson's hawk | <i>Buteo swainsoni</i> | Fed: - State: T CDFW: - | Inhabits grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, alfalfa or grain fields that support a stable rodent prey base. Breeds March to late August. | A | Presumed Absent: The BSA lacks grassland habitat and adjacent foraging areas with stable rodent prey base. The nearest occurrence of the species is approximately 10 miles to the north along the Santa Ana river with dense riparian habitat and possibly extirpated. |
| tricolored Blackbird | <i>Agelaius tricolor</i> | Fed: - State: - CDFW: SSC | Inhabits freshwater marsh, swamp and wetland communities, but may utilize agricultural or upland habitats that can support large colonies, often in the Central Valley area. Requires dense nesting habitat that is protected from predators, is within 3-5 miles from a suitable foraging area containing insect prey and is within 0.3 miles of open water. Suitable foraging includes wetland, pastureland, rangeland, at dairy farms, and some irrigated croplands (silage, alfalfa, etc.). Nests mid-march - early August | A | Presumed Absent: The BSA lacks freshwater marsh, swamp, and wetland communities to support large colonies for nesting and foraging. The nearest occurrence of the species is approximately 10 miles to the north and is currently developed. |
| western yellow-billed cuckoo | <i>Coccyzus americanus occidentalis</i> | Fed: T State: E CDFW: - | Species inhabits riparian forests, along broad, lower flood bottoms of larger river systems. Nests in large blocks of riparian jungles often mixed with cottonwoods. Nesting appears to be preferred in riparian forest habitats with a dense | A | Presumed Absent: The BSA lacks large acreage of dense riparian habitat and large river system with permanent water source required by the species. The nearest occurrence of the species is possibly extirpated approximately 10 |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|-------------------------|-----------------------------------|-----------------------------------|--|-----------------|--|
| yellow warbler | <i>Selphaga petechia</i> | Fed: -- State: -- CDFW: SSC | understory; requires water near nesting site. Breeds June- August. Breeds in several southern California mountain ranges and throughout most of San Diego County. Species prefers to nest in areas with willow trees and shrubby thickets typical of low, open-canopy riparian woodland. Species has been known to breed in riparian woodlands from coastal and desert lowlands and montane shrubbery in open conifer forests. Occurs up to 8,000 feet in the Sierra Nevada. Breeds April-August. | A | miles to the north along the Santa Ana River with riparian habitat. Presumed Absent: The BSA contains disturbed riparian habitat; however the BSA lacks dense thickets of willows with open-canopy woodlands. The nearest occurrence of the species is approximately 10 miles north of the project site along the Santa Ana River and the species is documented as extirpated from the area. |
| yellow-breasted chat | <i>Icteria virens</i> | Fed: -- State: -- CDFW: SSC | An uncommon summer resident of coastal California and in foothills of the Sierra Nevada arriving in April and departing by late September. Requires low dense riparian forest, scrub, or woodland with thickets of willow, blackberry, wild grape and other brushy tangles near watercourses for nesting and foraging. Breeds from May-August (0-6,500 feet). | HP | Low/Moderate Potential: The BSA contains disturbed riparian habitat; however, the BSA lacks dense thickets of willow, blackberry, and wild grape communities commonly associated with the species. The nearest occurrence of the species is approximately 1.5 miles south of the project site along the Temescal Canyon Wash in dense riparian forest. |
| Fish Species | | | | | |
| arroyo chub | <i>Gila orcuttii</i> | Fed: -- State: -- CDFW: SSC | Species only native in streams from Malibu Creek to the San Luis Rey River basin. Requires vegetated streams with muddy or sandy bottoms and slow moving or backwater areas. | A | Presumed Absent: The BSA is located outside the Big Tujunga Creek and middle Santa Ana River. The nearest occurrence of the species is approximately 11 mile north within the middle Santa Ana River. The project does not contain suitable arroyo chub habitat. |
| Santa Ana speckled dace | <i>Rhinichthys osculus</i> ssp. 3 | Fed: -- State: -- CDFW: SSC | Species inhabits the San Gabriel and Santa Ana rivers, preferring shallow gravel and cobble substrate within permanent streams or lakes with riparian cover. Prefers clear, well oxygenated water with movement from currents or waves with a supply of aquatic plants and insects. Breeds in the summer months. | A | Presumed Absent: The BSA lacks permanent streams of clear, well oxygenated water with gravel and cobble substrate. The nearest occurrence of the species is approximately 11 miles north within the Santa Ana River. The project does not contain suitable Santa Ana speckled dace habitat. |
| Santa Ana sucker | <i>Catostomus santaanae</i> | Fed: T State: -- CDFW: -- | Endemic to Los Angeles basin south coastal perennial streams. Prefers streams containing riparian vegetation, coarse | A | Presumed Absent: The BSA lacks streams and pools of clear water with gravel or cobble substrates. The nearest |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|-------------------------------------|--|-----------------------------------|--|-----------------|---|
| Invertebrate Species | | | | | |
| Delhi Sands flower-loving fly | <i>Rhaphiomidas terminatus abdominalis</i> | Fed: E State: -- CDFW: -- | Species lives in fine sandy soil (Delhi series sand) dune systems of desert valleys, rivers, deltas and beach strands with availability to buckwheat and other plants for nectar. | A | Presumed Absent: The BSA contains very fine sandy loam; however, Delhi series sand is absent from the area. The nearest Delhi Sand is located approximately 13 miles north of the project and extremely developed. The occurrence is extirpated. |
| Mammal Species | | | | | |
| northwestern San Diego pocket mouse | <i>Chaetodipus fallax fallax</i> | Fed: -- State: -- CDFW: SSC | Within San Diego county inhabits arid coastal and desert border areas of coastal scrub, chamise-redshank chaparral, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland communities. Species strongly associated with rocky, gravelly, or sandy substrates. Breeds March- May (0-6,000 feet). | A | Presumed Absent: The BSA contains arid coastal scrub; however, the BSA lacks rocky, gravelly substrates and is located outside of San Diego County. The nearest documented occurrence of the species is 3 miles northeast of the project area within the Temescal Valley surrounding Lake Mathews. |
| pocketed free-tailed bat | <i>Nyctinomops femorosaccus</i> | Fed: -- State: -- CDFW: SSC | Inhabits pinyon-juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oasis communities. Prefers rocky desert areas with high cliffs or rock outcrops and frequently selects roosts in cliff rock crevices. Species must have an adequate drop from the roost to gain flight. Maternity sites are located in rock crevices, caverns and buildings. Young are born June-July. | A | Presumed Absent: The BSA lacks rocky outcrops with high cliffs and vegetative communities commonly associated with the species. The nearest occurrence of the species is approximately 3 miles east of the project within the Temescal Canyon Cajalco Tin Mine. |
| San Bernardino kangaroo rat | <i>Dipodomys merriami parvus</i> | Fed: E State: -- CDFW: SSC | Species inhabits alluvial floodplains and adjacent upland habitat within San Bernardino, Menifee and San Jacinto valleys with Riversidean alluvial fan sage scrub habitat. | A | Presumed Absent: The BSA lacks alluvial floodplains with vegetative communities commonly associated with the species. The nearest occurrence of the species is possibly extirpated and approximate 8 miles north of the project in a heavily developed area. |
| San Diego black-tailed jackrabbit | <i>Lepus californicus bennettii</i> | Fed: -- State: -- CDFW: SSC | Inhabits coastal sage scrub communities in Southern California. Species requires intermediate canopy stages of shrub and | HP | High Potential: The BSA contains coastal sage scrub vegetation required by the species. The nearest |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|--|--------------------------------------|-----------------------------------|--|-----------------|---|
| Stephens' kangaroo rat | <i>Dipodomys stephensi</i> | Fed: E State: T CDFW: -- | herbaceous habitats for cover and breeding. Breeds year-round, with a peak in April-May. Inhabits annual and perennial grasslands and coastal scrub or sagebrush with sparse canopy cover. Prefers sparse grassland over dense grassland habitats and species prefers buckwheat, chamise, brome grass and filaree as food sources. Species prefers sandy and gravelly soils, of level to gently sloping habitat with slopes less than 50%. Requires patches of fine grained soils or dusty pockets for sand bathing. Burrows frequently found in clusters. Likely breeds April - June (180-4,100 feet). | A | documented occurrence of the species is approximately 0.75 miles east of the Temescal Canyon Wash and south of the El Sobrante Landfill. Presumed Absent: The BSA contains coastal sagebrush habitat; however, the habitat is highly fragmented to support a viable population and lacks gently sloping habitat required by the species. The coastal sage scrub habitat within the BSA also contains dense understory unfavorable by the species. During the 2016 biological surveys, no burrows or sign of kangaroo rats were observed within the BSA. |
| western mastiff bat | <i>Eumops perotis californicus</i> | Fed: -- State: -- CDFW: SSC | Inhabits many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, and chaparral. Prefers open, rugged, rocky areas where suitable crevices are available for day roosts. Roots in cliff face crevices (usually granite or consolidated sandstone), high buildings, trees and tunnels. Roosting sites must have a minimum 10 foot vertical drop. Births early April through August or September (sea level-8,475 feet). | HP | Low/Moderate Potential: The BSA lacks rugged, rocky areas including cliffs; however, the project area includes tall well established eucalyptus trees with potential roosting habitat. The nearest occurrence of the species is approximately 3 miles northeast of the project area in the Cajalco Tin mine. |
| western yellow bat | <i>Lasiurus xanthinus</i> | Fed: -- State: -- CDFW: SSC | Species known in California only in Los Angeles and Counties south of San Bernardino to the Mexican border. Inhabits valley foothill riparian, desert riparian, desert wash and palm oasis habitats in proximity to water. Species utilizes trees and palms for roosting and maternity colonies. Births in June and July (below 2,000 feet). | A | Presumed Absent: The BSA lacks dense foothill riparian, desert riparian, desert wash or a palm oasis habitat required by the species. The nearest occurrence of the species is approximately 5 miles north in the urbanized City of Corona. |
| Reptile Species | | | | | |
| California mountain kingsnake (San Diego population) | <i>Lampropeltis zonata (pulchra)</i> | Fed: -- State: -- CDFW: SSC | Inhabit valley-foothill hardwood, coniferous, chaparral, riparian and wet meadows within the San Gabriel and San Jacinto Mountains. Breeding occurs in the spring and young hatch August- | A | Presumed Absent: The BSA is located outside the San Gabriel and San Jacinto Mountains and lacks the vegetative communities commonly associated with the species. The nearest occurrence of |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|-------------------------|--------------------------------|------------------------------------|---|-----------------|--|
| Coast horned lizard | <i>Phrynosoma blainvillii</i> | Fed: -- State: -- CDFW: SSC | September. Inhabits valley-foothill hardwood, conifer and riparian habitats, as well as pine-cypress, juniper and annual grasslands with sandy areas, washes or flood plains (sea level - 8,000 feet elevation). | HP | the species is approximately 4 miles west in Silverado Canyon. High Potential: The BSA contains flood plain soils and disturbed riparian habitats in proximity to the Temescal Wash. The nearest occurrence of the species is located approximately 0.35 miles south along the Temescal Wash. |
| orangethroat whiptail | <i>Aspidoscelis hyperythra</i> | Fed: -- State: -- CDFW: SSC | Inhabits low-elevation coastal scrub, chamise-redshank chaparral, mixed chaparral, and valley-foothill hardwood habitats, especially in areas with summer morning fog. Prefers washes and other sandy areas with patches of brush and rocks for cover and foraging. Reproduces April-July; young emerge August - September (0-3,410 feet). | HP | High Potential: The BSA contains coastal scrub vegetative community and sandy areas commonly associated with the species, and are in close proximity to the Temescal Wash. The nearest occurrence of the species is approximately 0.20 miles east of the project, east of the Temescal Wash. |
| red-diamond rattlesnake | <i>Crotalus ruber</i> | Fed: -- State: -- CDFW: SSC | Inhabits chaparral, woodland, and arid desert communities and requires rocky areas or areas of dense vegetation. Utilizes rodent burrows, cracks in rocks and surface cover objects for cover. Species is seasonally active, with the greatest activity occurring from March to June. Young are live-born from mid-August to October in quiet, safe locations (0-3,000 feet). | HP | Low/Moderate Potential: The BSA lacks rocky areas; however, the BSA contains dense vegetation with sufficient ground cover required by the species. The nearest documented occurrence of the species is approximately 0.25 miles east of the project, east of the Temescal Canyon Wash. |
| Plant Species | | | | | |
| Brand's star phacelia | <i>Phacelia stellaris</i> | Fed: -- State: -- CNPS: 1B.1 | An annual herb inhabiting open areas of coastal sage scrub, coastal dunes, and coastal scrub communities. Flowers March- June (3-1,312 feet). | HP | Low/Moderate Potential: The BSA contains coastal scrub communities commonly associated with the species. The nearest occurrence of the species is approximately 14 miles northeast of the project in coastal sage scrub associated with the Santa Ana River. During the April 2016 botanical focused surveys, no Brand's star phacelia were observed. |
| chaparral nolina | <i>Nolina cismontana</i> | Fed: -- State: -- CNPS: 1B.2 | A shrub inhabiting dry chaparral habitats of coastal mountains. Flowers May - July (650 - 4,270 feet). | A | Presumed Absent: The BSA is located outside coast mountains or the vegetative communities commonly associated with the species. The nearest occurrence of the species is approximately 8 miles northwest of the project within the Santa Ana Mountain |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|----------------------------|--|------------------------------------|--|-----------------|---|
| chaparral ragwort | <i>Senecio aphanactis</i> | Fed: -- State: -- CNPS: 2b.2 | An annual herb sometime inhabiting alkaline soils of drying alkaline flats, chaparral, cismontane woodlands, and coastal scrub communities. Flowers January-April (50-2,600 feet). | A | Presumed Absent: The BSA contains a coastal scrub community; however, the BSA lacks alkaline soils associated with the species. The nearest documented occurrence of the species is greater than 10 miles north in an area currently developed. |
| chaparral sand-verbena | <i>Abronia villosa</i> var. <i>aurita</i> | Fed: -- State: -- CNPS: 1B.1 | An annual herb inhabiting sandy soils of chaparral, coastal sage scrub, and desert dune communities. Flowers January-August (256- 5,249 feet). | HP | Presumed Absent: The BSA contains rocky/sandy soils and coastal sage scrub communities commonly associated with the species. However, during the April 2016 botanical focused surveys, no chaparral sand-verbena was observed. The nearest occurrence of the species is approximately 2.50 miles south along the Temescal Canyon Wash. |
| Coulter's goldfields | <i>Lasthenia glabrata</i> ssp. <i>coulteri</i> | Fed: -- State: -- CNPS: 1B.1 | An annual herb inhabiting playas, coastal salt marshes and swamps and vernal pool communities. Flowers February – June (3-4,002 feet). | A | Presumed Absent: The BSA does not contain the vegetative communities commonly associated with the species. The nearest occurrence of the species is approximately 8 miles east of the project located in a currently urbanized area. |
| heart-leaved pitcher sage | <i>Lepechinia cardifophylla</i> | Fed: -- State: -- CNPS: 1B.2 | A shrub inhabiting chaparral, foothill woodlands and close-cone pine forest. Flowers April - July (1,965 – 3,940 feet). | A | Presumed Absent: The BSA lacks foothill woodland or closed-cone pine forest habitat required by the species and the BSA is approximately 1,025 feet below the elevation range of the species. |
| intermediate mariposa-lily | <i>Calochortus weedii</i> var. <i>intermedius</i> | Fed: -- State: -- CNPS: 1B.2 | A perennial bulbous herb inhabiting dry, rocky, open slopes within dry chaparral communities. Flowers May-July (344-2,805 feet). | A | Presumed Absent: The BSA does not contain rocky, open slopes or the vegetative community commonly associated with the species. The nearest occurrence of the species is approximately 4 miles west of the project along the western slope of the Santa Ana Mountains. |
| intermediate monardella | <i>Monardella hypoleuca</i> ssp. <i>intermedia</i> | Fed: -- State: -- CNPS: 1B.3 | A perennial herb inhabiting chaparral, oak woodland, and occasionally conifer forest on dry slopes. Flowers June - September (650 - 4,100 feet). | A | Presumed Absent: The BSA lacks oak woodland and conifer forest habitat commonly associated with the species. The nearest occurrence of the species is approximately 4 miles west of the project within the Santa Ana Mountains. |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|-------------------------|--|---------------------------------------|---|-----------------|---|
| long-spined spineflower | <i>Chorizanthe polygonoides</i> var. <i>longispina</i> | -- Fed: State: CNPS: 1B.2 | An annual herb inhabiting meadows within chaparral, valley grasslands, and coastal sage scrub habitats. Flowers April - July (100 - 4,920 feet). | A | Presumed Absent: The BSA contains coastal sage scrub habitat; however, the BSA lacks meadow habitat associated with the species. The nearest occurrence of the species is approximately 3.5 miles east of the project along Lake Mathews. |
| many-stemmed dudleya | <i>Dudleya multicaulis</i> | -- Fed: State: CNPS: 1B.2 | A perennial herb often found within clay and heavy soils or sandstone outcrops within chaparral, coastal scrub, and valley and foothill grassland communities. Flowers April-July (49- 2,591 feet). | A | Presumed Absent: The BSA contains coast scrub habitat; however, the BSA lacks clay and heavy soils associated with the species. The nearest documented occurrence is approximately 2 miles east of the project within Olsen Canyon. |
| Munz's onion | <i>Allium munzii</i> | E T CNPS: 1B.1 | A perennial herb inhabiting grassy openings in coastal sage scrub; chaparral, cismontane woodland, coastal scrub, pinyon and juniper woodland, and valley and foothill grassland. Flowers April - May (980 - 2,950 feet). | A | Presumed Absent: The BSA lacks grassy opening habitat required by the species and the BSA is approximately 40 feet below the elevation range of the species. The nearest occurrence is located approximately 3.7 miles southeast at elevation greater than 2,500 feet. |
| Parry's spineflower | <i>Chorizanthe parryi</i> var. <i>parryi</i> | -- Fed: State: CNPS: 1B.1 | An annual herb inhabiting sandy or rocky openings of chaparral, coastal scrub, cismontane woodland, and valley and foothill grassland communities. Flowers April-July (902-4,002 feet). | HP | Low/Moderate Potential: The BSA contains sandy soils and coastal scrub vegetation commonly associated with the species. The nearest occurrence is approximately 1.5 miles and documented as possibly extirpated from the development of the El Sobrante Landfill. During April 2016 botanical focused surveys, no Parry's spineflower were observed. |
| round-leaved filaree | <i>California macrophylla</i> | -- Fed: State: CNPS: 1B.2 | An annual herb inhabiting clay soils and open sites of valley and foothill grassland and cismontane woodland communities. Flowers March-May (49-3,937 feet). | A | Presumed Absent: The BSA lacks clay soils and cismontane woodland and valley foothill grasslands required by the species. The nearest documented occurrence of the species is approximately 4 miles east near Lake Mathews. |
| San Bernardino aster | <i>Symphotrichum defoliatum</i> | -- Fed: State: CNPS: 1B.2 | A perennial rhizomatous herb inhabiting near ditches, streams, and springs of cismontane woodland, coastal scrub, lower montane coniferous forest, meadows and seep, marsh and swamp, | A | Presumed Absent: The BSA contains coastal scrub vegetation; however, the vegetation lacks connectivity to springs, streams, meadows and seeps. The BSA additionally lacks vegetation commonly |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|----------------------------|---|------------------------------------|--|-----------------|---|
| San Diego ambrosia | <i>Ambrosia pumila</i> | Fed: E State: -- CNPS: 1B.1 | and vernal mesic valley and foothill grassland communities. Flowers July-November (7-6,692 feet). A perennial rhizomatous herb inhabiting moist areas with sandy loams, clay and occasionally alkaline soils within chaparral, coastal scrub, valley and foothill grassland, vernal pool communities. Flowers. April-October (65-1,361 feet). | A | associated with the species. The BSA contains ditches and disturbed areas Presumed Absent: The BSA contains sandy loam soils and coastal scrub habitat; however, the BSA lacks moist areas outside the wet season which are required by the species. The nearest documented occurrence of the species is approximately 10 miles north of the project and documented as extirpated from the area due to development. |
| Santa Ana River woollystar | <i>Eriastrum densifolium</i> ssp. <i>sanctorum</i> | Fed: E State: E CNPS: 1B.1 | A perennial herb inhabiting river floodplains or terraced fluvial deposits within chaparral and coastal scrub communities. Flowers May-September (300-2,000 feet) | A | Presumed Absent: The BSA is located 10 miles south of the Santa Ana River. The waterway within the BSA is the Temescal Wash, a tributary to the Santa Ana River downstream of the species occurrences. Additionally, the nearest occurrence of the species is approximately 10 miles north of the project along the Santa Ana River in coastal scrub habitat. |
| Santiago Peak phacelia | <i>Phacelia keckii</i> | Fed: -- State: -- CNPS: 1B.3 | An annual herb inhabiting open chaparral and closed-cone pine forest. Prevalent after fires. Flowers May - September (1,640 - 5,250 feet). | A | Presumed Absent: The BSA lacks grassy opening habitat required by the species and the BSA is approximately 700 feet below the elevation range of the species. The nearest occurrence is located approximately 7.0 miles west within the Santa Ana Mountains at elevation greater than 3,700 feet. |
| smooth tarplant | <i>Centromadia pungens</i> ssp. <i>laevis</i> | Fed: -- State: -- CNPS: 1B.1 | An annual herb inhabiting alkaline soils of open, chenopod scrub, meadows and seeps, playas, riparian woodland, and valley and foothill grassland communities. Flowers April-September (0-2,100 feet). | A | Presumed Absent: The BSA contains heavily disturbed areas; however, the BSA lacks the vegetative communities commonly associated with the species. The nearest occurrence of the species is approximately 4 miles south along the disturbed Indian Truck Trail and currently under development. |
| Spreading navarretia | <i>Navarretia fossalis</i> | Fed: T State: -- CNPS: -- | An annual herb inhabiting vernal pools, chenopod scrub, playas, and shallow freshwater marsh and swamp communities. Flowers April-June (98-4,265 feet). | A | Presumed Absent: The BSA lacks vernal pools, freshwater marsh and swamp communities, and vegetative communities commonly associated with the species. Documented occurrences of the species are located outside of the |

| Common Name | Species Name | Status | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---------------------------|---|------------------------------------|---|-----------------|--|
| Tecate cypress | <i>Hesperocyparis forbesii</i> | Fed: -- State: -- CNPS: 1B.1 | A shrub or tree inhabiting chaparral habitat. Found at elevations between 1,475 - 4,920 feet. | A | Temescal Canyon, primarily within the Perris, San Jacinto, and Menifee valleys. Presumed Absent: The BSA lacks grassy opening habitat required by the species and the BSA is approximately 535 feet below the elevation range of the species. |
| Thread-Leaved brodiaea | <i>Brodiaea filifolia</i> | Fed: T State: -- CNPS: -- | A perennial bulbiferous herb inhabiting grassland, vernal pools, chaparral openings, cismontane woodland, coastal scrub, playas, and valley and foothill grassland communities. Species often occurs within clay soils. Flowers March-June (82-3,999 feet). | A | Presumed Absent: The BSA lacks clay soils and vegetative communities that are commonly associated with the species. Documented occurrences of the species are located outside of the Temescal Canyon, primarily within the Perris Valley, Elsinore Mountains, and Santa Rosa Plateau. |
| white-bracted spineflower | <i>Chorizanthe xanti</i> var. <i>leucotheca</i> | Fed: -- State: -- CNPS: 1B.2 | An annual herb inhabiting sandy or gravelly soils within coastal scrubs, alluvial fans, Mojavean desert scrub, pinyon and juniper woodland communities. Blooms April-June (984-3,937 feet). | A | Presumed Absent: The BSA lacks grassy opening habitat required by the species and the BSA is approximately 44 feet below the elevation range of the species. |

Appendix D AB 52 Native American
Correspondence Log

Native American Consultation Log
Temescal Canyon Road Widening Project - Dawson Canyon Segment
Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|--|----------------------------------|--------------|--------------|--|
| Native American Heritage Commission (NAHC) | Rob Wood | 2/9/2016 | Letter | 2/16/2016- Mr. Rob Wood replied via fax that a review of the sacred lands file failed to indicate the presence of native American cultural resources in the project area. The fax also provided a list of Native American contacts for the Riverside County region. |
| Agua Caliente Band of Cahuilla Indians | Patricia Garcia-Plotkin, THPO | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | Jeff Grubbe, Chairperson | 1/22/2016 | Email | Based on a conversation with Katie Croft, Archaeologist for the Agua Caliente Band of Cahuilla Indians for the Phase II portion of the project, approximately 0.75 miles to the northeast this project is not located within the Tribe's Traditional Use Area (TUA). No additional correspondence will occur at this time. |
| Augustine Band of Cahuilla Mission Indians | Mary Ann Greene, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/1/2016 | Phone | Left a message for David Faleivar with project details and contact information should the Band wish to discuss the project. |

Native American Consultation Log
Temescal Canyon Road Widening Project - Dawson Canyon Segment
Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|---|---------------------------------|--|---|---|
| Cabazon Band of Mission Indians | Doug Welmas, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. Based on a conversation with Judy Stapp, Director of Cultural Affairs for the Cabazon Band of Mission Indians, for the Phase II portion of the project, approximately 0.75 miles to the northeast, this project is not located within the Tribe's Traditional Use Area (TUA). No additional correspondence will occur at this time. |
| Cahuilla Band of Indians | Luther Salgado, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/1/2016 | Phone and Email | No voicemail option was available. An email with a digital copy of the initial letter was sent to chairman@cahuilla.net. |
| Gabrieleno/Tongva San Gabriel Band of Mission Indians | Anthony Morales, Chairperson | 2/24/2016 4/1/2016 4/14/2016 | Letter Phone Email and Letter | A Section 106/AB 52 consultation letter was sent. Chairperson Morales stated that the area is culturally sensitive and has requested that the Gabrieleno/Tongva San Gabriel Band of Mission Indians be offered the opportunity to monitor the project. No tribal cultural resources were identified. A letter was sent via email and via US Postal Mail to Chairperson Morales stating that monitoring would be possible during geotechnical borings and construction of the project. Once the geotechnical boring and the construction schedules are known, this schedule will be provided to Chairperson Morales so that a tribal monitor can be present. It was also communicated that cultural resource sensitivity training would be provided to construction crew and that a monitoring protocol would be provided. |
| | | 5/23/2016 | Email and Letter | An email and a hard copy letter was sent with a draft Monitoring Plan/Protocol for review. |

Native American Consultation Log
Temescal Canyon Road Widening Project - Dawson Canyon Segment
Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|---|---------------------------------|--------------|--------------|---|
| Gabrieleno/Tongva San Gabriel Band of Mission Indians | Anthony Morales, Chairperson | 6/17/2016 | Email | An email was sent with a revised/final Monitoring Plan/Protocol for review. |
| | | 6/29/2016 | Email | An email was sent to relaying that geotechnical borings and archaeological presence/absence testing would occur on July 18 and 19, 2016. Maps were provided which displayed the boring locations. |
| | | 7/12/2016 | Email | An email was sent relaying the geotechnical dates, meeting time, and meeting location. |
| | | 7/18/2016 | Email | An email was sent to state that no cultural resources were discovered during the borings or presence/absence testing and that geotechnical borings would not occur on July 19, 2016. |
| | | 8/22/2016 | Email | An email was sent to relay that geotechnical work was complete. |
| | | 9/22/2016 | Email | An email was sent which provided an electronic copy of the monitoring log. |
| | | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. A hard copy of the report was also mailed on 2/6/2017. |
| | | 3/8/2017 | Email | A follow-up email was sent to inquire on the review status of the report. |
| | | 4/12/2017 | Email | A follow-up email was sent to inquire on the review status of the report. |

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Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|--|---------------------------|--------------|-----------------|---|
| Gabrieleno Band of Mission Indians - Kizh Nation | Andrew Salas, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. Chairperson Salas was out of the office and requested an electronic copy of the letter to better review the project. An electronic copy of the initial letter was sent to andysalas07@yahoo.com |
| | | 4/1/2016 | Phone and Email | A letter was sent via email stating that the Gabrieleno Band of Mission Indians - Kizh Nation had concerns about the project area and requested that a tribal monitor be present during construction. Attached to the email were photographs displaying highlighted text from what appeared to be one or two books. The text indicated that the Gabrieleno were present throughout the Corona and Temescal Creek area. It also seemed to indicate that a village site was located within the Corona area, located just north of the project area. |
| | | 4/3/2016 | Email | A letter was sent via email and via US Postal Mail to Chairperson Salas stating that monitoring would be possible during geotechnical borings and construction of the project. Once the geotechnical boring and the construction schedules are known, this schedule will be provided to Chairperson Salas so that a tribal monitor can be present. It was also communicated that cultural resource sensitivity training would be provided to construction crew and that a monitoring protocol would be provided. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|--|------------------------------|--------------|--------------|---|
| Gabrielino Band of Mission Indians - Kizh Nation | Andrew Salas, Chairperson | 4/14/2016 | Email | <p>An email was received from Dr. Christina Swindall Martinez requesting clarification on whether the construction staff would be conducting archaeological monitoring during construction.</p> <p>Response: An email was sent on April 18, 2016 stating that monitoring would be done by a County Designated Archaeologist and a tribal monitor, if available. It was further clarified that the County Designated Archaeologist would provide cultural awareness training to the construction staff to make them aware that cultural resources are important pieces of a living heritage and that there is a work cessation protocol when a monitor identifies a cultural resource.</p> <p>Dr. Martinez responded via email on April 20, 2016, stating that the tribe appreciates the clarification and looks forward to hearing about anticipated ground disturbance schedules.</p> |
| | | 5/23/2016 | Letter | A hard copy of the Monitoring Plan/Protocol was provided via US mail. |
| | | 6/17/2016 | Email | <p>An email was sent to Chairperson Salas informing him that geotechnical investigations were planned for June. The email also contained a revised Monitoring Plan.</p> <p>Response: Chairperson Salas responded via email on June 17, 2016 with a "thank you" in acknowledgement of the previous email.</p> |

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Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|--|------------------------------|--------------|--------------|--|
| Gabrieleno Band of Mission Indians - Kizh Nation | Andrew Salas, Chairperson | 6/29/2016 | Email | <p>An update email was sent to Chairperson Salas informing him that geotechnical work would take place on July 18 and July 19, 2016. Maps displaying the proposed geotechnical boring areas was attached to the email.</p> <p>Response: Chairperson Salas responded on June 29, 2016 via email with a "Thank you" in acknowledgement of the previous email.</p> |
| | | 7/12/2016 | Email | <p>An email was sent to Chairperson Salas informing him that geotechnical investigations would start on July 18th at 8:45am and that a preconstruction/cultural sensitivity awareness training would occur prior to any ground disturbance.</p> <p>Response: Chairperson Salas responded via email on July 12, 2016 stating that he would be unable to attend, but that a monitor (Armando Campos) representing the tribe would be present. present and that with a "thank you" in acknowledgement of the previous email.</p> |
| | | 7/13/2016 | Email | <p>A series of emails were sent between Dokken Engineering and Chairperson Salas regarding how many additional Tribal monitors from other tribes would be present.</p> |

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 Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|--|------------------------------|--------------|--------------|--|
| Gabrieleno Band of Mission Indians - Kizh Nation | Andrew Salas, Chairperson | 7/13/2016 | Email | <p>An email was received from Christian Swindall requesting compensation for tribal monitoring during geotechnical borings and inquiring as to whether insurance certificates were needed.</p> <p>Response: A response email was sent on July 13, 2016 stating that the approval process required to approve compensation for the tribal monitoring could not be completed prior to July 18, 2016, and as such, the County is unable to execute a compensation agreement. The email also requested liability insurance proof and specified that the tribal monitor should wear appropriate protection clothing, footwear, and a hard hat.</p> |
| | | 7/18/2016 | Email | <p>An email was sent to state that no cultural resources were discovered during the borings or presence/absence testing and that geotechnical borings would not occur on July 19, 2016.</p> <p>Response: Chairperson Salas replied on July 18, 2016 to acknowledge that a monitor would not be sent on July 19, 2016.</p> |
| | | 7/24/2016 | Email | <p>Chairperson Salas sent an email requesting an update on the project.</p> <p>Response: A reply email was sent on July 25, 2016 to relay that a second geotechnical date was not yet scheduled.</p> |
| | | 8/11/2016 | Email | <p>An email was sent to Chairperson Salas to relay that geotechnical borings were complete for the Dawson Segment.</p> |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|---|-----------------------------|--------------|-----------------|---|
| Gabrieleno Band of Mission Indians - Kizh Nation | Andrew Salas, Chairperson | 9/22/2016 | Email | An email was sent which provided an electronic copy of the monitoring log. |
| | | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. A hard copy of the report was also mailed on 2/6/2017. |
| | | 3/8/2017 | Email | A follow-up email was sent to inquire on the review status of the report. |
| | | 4/12/2018 | Email | A follow-up email was sent to inquire on the review status of the report. |
| Gabrieleno Tongva Nation | Sandonne Goad, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/1/2016 | Phone | A voicemail message was left with project details and contact information should the Gabrieleno Tongva Nation wish to discuss the project. |
| Juaneno Band of Mission Indians Acjachemen Nation | Teresa Romero, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/1/2016 | Phone and Email | A voicemail message was left providing project details and contact information. An email was sent to tromero@juaneno.com with an electronic copy of the initial consultation letter for review. |
| Juaneno Band of Mission Indians Acjachemen Nation | Sonia Johnston, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/1/2016 | Phone | A voicemail message was left providing project details and contact information. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|----------------------------------|--------------|--------------|---|
| La Jolla Band of Luiseno Indians | Thomas Rodrigues, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. 2:29pm - Chairperson Rodrigues, in a conversation for the Phase II portion of the project, approximately 0.75 miles to the northeast this project, stated that the project is outside of the traditional use area for the Band, stated that the project is outside of the traditional use area for the Band, as is most of Riverside County. No additional correspondence will occur at this time. |
| Luiseno Representative | William J. Pink | 2/9/2016 | Phone | A Section 106/AB 52 consultation letter was sent. During a phone conversation for Phase II of this project, approximately 0.75 miles to the northeast this project, Mr. Pink stated that there were multiple resources in the area, including burials, but mainly on the west side of the freeway. The east side of the freeway did have the petroglyphs, but the project would not likely impact the area. He also stated that the canyons and washes contained basalt quarries, there was midden by Indian Truck Trail (south of the project) and there were points and very old sites along the powerline in the area. He was concerned that old sites may be missed because people don't look at lithics. He stated that if there were sites recorded in the area, than a monitor should be present. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|------------------------|-----------------|--------------|------------------|---|
| Luiseno Representative | William J. Pink | 4/14/2016 | Email and Letter | A letter was sent via email to Mr. Pink stating that monitoring would be possible during geotechnical borings and construction of the project. Once the geotechnical boring and the construction schedules are known, this schedule will be provided to Mr. Pink so that a tribal monitor can be present. It was also communicated that cultural resource sensitivity training would be provided to construction crew and that a monitoring protocol would be provided. |
| | | 5/23/2016 | Email | An email was sent with a draft Monitoring Plan/Protocol, for review. |
| | | 6/16/2016 | Email | An email was sent with a revised Monitoring Plan/Protocol and to relay that geotechnical borings and presence/absence testing would occur in July. |
| | | 6/29/2016 | Email | An email was sent to relay dates and locations of geotechnical borings. |
| | | 7/12/2016 | Email | An email was sent to relay date, meeting time, and meeting location for the geotechnical work and presence/absence testing. |
| | | 7/18/2016 | Email | An email was sent to relay that no cultural resources were identified during the geotechnical work or presence/absence testing. Additional geotechnical work was being considered. |
| | | 8/22/2016 | Email | An email was sent to relay that geotechnical borings were complete for the Dawson Segment. |
| | | 9/22/2016 | Email | An email was sent which provided an electronic copy of the monitoring log. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|------------------------------|-------------------------------|--------------|--------------|---|
| Luiseno Representative | William J. Pink | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. |
| | | 3/8/2017 | Email | An email was sent to inquire on the status of the cultural report review. |
| | | 4/12/2017 | Email | An email was sent to inquire on the status of the cultural report review. |
| Pala Band of Mission Indians | Shasta Gaughen, THPO | 2/9/2016 | Phone | 2:20pm - Ms. Gaughen, in a conversation for the Phase II portion of the project, approximately 0.75 miles to the northeast this project, stated that the project is outside of the traditional use area for the Band, as is most of Riverside County. She said the Band would defer to a tribe that is in closer proximity, likely the Soboba, Pechanga, or Morongo Tribes. No additional correspondence will occur at this time. |
| Pauma & Yuima Reservation | Temet Aguilar, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/4/2016 | Phone | A voicemail message was left for Mr. Chris Devers (extension 317), cultural department, with project details and contact information should Mr. Chris Devers wish to discuss the project. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|-------------------------------|--------------|--------------|---|
| Pechanga Band of Mission Indians | Anna Hoover, Cultural Analyst | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. Based on a letter from THPO Gary Dubois, Ms. Hoover is the point of contact for this tribe. |
| | | 2/9/2016 | Phone | 4:01 pm - spoke with Ms. Hoover, she had concerns, but will send a letter by the end of the week expressing her concerns. |
| | | 2/12/2016 | Email | <p>Ms. Hoover sent an email requesting appropriate Army Corps of Engineer contact information so that she could send the Pechanga's formal Section 106 reply letter.</p> <p>Response on 2/16/2016: An email was sent to Ms. Hoover stating that Army Corps of Engineer contact information would not be known until the permitting phase, sometime in Fall/Winter 2016. The email stated that the Pechanga could consult under CEQA's AB 52, with Riverside County, should the Pechanga wish to communicate concerns regarding the project.</p> |
| | | 2/16/2016 | Email | Pechanga emailed and mailed a formal AB 52 consultation response letter to Riverside County on February 12, 2016. The letter stated that the project area is in the tribe's aboriginal territory and is in the vicinity of Native American cultural resources, including named places and a village complex. A response email was sent on February 16, 2016 to the Pechanga requesting available days for a meeting to consult with Riverside County. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|-------------------------------|--------------|--------------|--|
| Pechanga Band of Mission Indians | Anna Hoover, Cultural Analyst | 3/28/2016 | Meeting | <p>A meeting was held between the Pechanga and the Riverside County Transportation Department on March 28, 2016, at 1:00pm and was held at the Riverside County offices.</p> <p>The following were in attendance: Pechanga: Ms. Anna Hoover, Ms. Tuba Ebru Ozdil Riverside County: Ms. Marcia Rose, Mr. Alfredo Martinez Dokken Engineering: Mr. Namat Hosseinion, Mr. Tim Chamberlain</p> <p>The Pechanga identified two historic village sites to the north and south of the project area and stated that the Temescal Canyon project area was likely used as a trail between the two villages. In addition, numerous existing tribal resources have been identified in the vicinity (within 1-2 miles) such as petroglyphs, burial sites, and habitation sites. This region is considered sacred to the Pechanga Band and the Temescal Canyon corridor should be considered a Traditional Cultural Landscape; however, no known Traditional Cultural Properties or Native American resources are known to exist in the project area which would require special consideration prior to construction. The Pechanga Band would like to have a tribal monitor present during construction of the project. Further, the Pechanga Band communicated concerns about impacts to</p> |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|-------------------------------|--------------|--------------|--|
| Pechanga Band of Mission Indians | Anna Hoover, Cultural Analyst | | | <p>Oak trees, which are considered part of the traditional landscape and represent a component of their cultural heritage and history. The Pechanga Band requested that impacts to Oak trees be minimized where possible and if removals are anticipated, the Pechanga Band would like transplanting to be considered as well as mitigation.</p> <p>The Pechanga Band will be offered the opportunity to provide a tribal monitor during geotechnical borings and construction of the project. Once preliminary design plans are known, this information will be shared with the Pechanga, especially with respect to extent of cut/fill, depth of ground disturbance, and anticipated Oak tree removal. The cultural report will also be provided to the Pechanga for review and comment. Once all comments/concerns regarding the cultural report and any proposed mitigation have been addressed, it is anticipated that the Pechanga Band will issue a letter stating that the Riverside County Transpiration Department has completed AB 52 consultation to their satisfaction.</p> |
| | | 6/6/2016 | Email | <p>An email was sent to relay that geotechnical work was scheduled for June 2016. Tribal monitoring rates were requested.</p> |
| | | 6/20/2016 | Email | <p>Response: Anna Hoover responded via email on June 8, 2016 with the tribe's monitoring rates.</p> <p>An email was sent to Anna Hoover with draft Monitoring Plan/Protocol and Monitoring Agreement for review.</p> |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|--|--------------|--------------|---|
| Pechanga Band of Mission Indians | Anna Hoover, Cultural Analyst (2016-March 2017) Ebru Ozdil (March 2017-Current) | 6/29/2016 | Email | <p>An email was sent to Anna Hoover relaying that geotechnical borings and presence/absence testing would occur on July 18 and 19, 2016. Maps were provided which displayed the boring locations.</p> <p>Response: Anna Hoover replied via email on June 30, 2016 to state that tribal monitoring should be coordinated with Tony Foussat.</p> |
| | | 7/12/2016 | Email | <p>An email was sent to Tony Foussat relaying the geotechnical dates, meeting time, and meeting location.</p> <p>Response: Tony Foussat sent an email on July 13, 2016 relaying that a monitor would be present on July 18, 2016 for the geotechnical and presence/absence testing.</p> |
| | | 7/18/2016 | Email | <p>An email was sent to Tony Foussat to state that no cultural resources were discovered during the borings or presence/absence testing and that geotechnical borings would not occur on July 19, 2016.</p> <p>Response: Tony Foussat replied on July 18, 2016 to acknowledge that a monitor would not be sent on July 19, 2016.</p> |
| | | 8/11/2016 | Email | <p>An email was sent to Tony Foussat to relay that geotechnical borings were complete for the Dawson Segment.</p> <p>Response: Tony Foussat replied on August 11, 2016 acknowledging that no more geotechnical monitoring was planned.</p> |
| | | 9/22/2016 | Email | <p>An email was sent which provided an electronic copy of the monitoring log.</p> |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|----------------------------------|--|--------------|--------------|---|
| Pechanga Band of Mission Indians | Anna Hoover, Cultural Analyst (2016-March 2017) Ebru Ozdil (March 2017-Current) | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. A hard copy of the report was also mailed on 2/6/2017. Ms. Hoover acknowledged receipt of the report via email on 2/6/17 |
| | | 3/8/2017 | Email | A follow-up email was sent to inquire on the review status of the report. |
| | | 3/31/2017 | Email | A follow-up email was sent to inquire on the review status of the report. Response: Mr. Tony Foussat stated via email that Anna Hoover was no longer with the tribe and that Ebru Ozdil will be the contact. An email was then sent to Ebru Ozdil inquiring about the review of the report. |
| | | 4/12/2017 | Email | A follow-up email was sent to Ebru Ozdil inquire on the review status of the report. |

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|----------------------------------|---------------------------------|--------------|--------------|---|
| Pechanga Band of Mission Indians | Ebru Ozdil (March 2017-Current) | 5/22/2017 | Email | Ms. Ozdil responded via email requesting that the measures refrain from identifying a specific curation facility to be used should cultural resources be discovered during construction and instead state that any curatorial facility selected shall meet the federal curation requirements specified in 36 Code of Federal Regulations (CFR) Part 79. This request was incorporated and the measures revised and resubmitted to the Pechanga Band of Mission Indians for review on May 30, 2017 |
| | | 5/30/2017 | Email | Ms. Ozdil responded via email that the revision to the proposed measures were sufficient and that AB 52 consultation was now considered complete. Ms. Ozdil requested to be consulted on any proposed revisions to the measures which may occur as a result of public circulation of the environmental document. |
| | Mark Macarro, Chairperson | 2/24/2016 | Letter | Based on a letter from THPO Gary Dubois, Anna Hoover was designated the point of contact. A copy of the Section 106/AB 52 consultation letter sent to Ms. Hoover was sent to Mr. Macarro. |
| | | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| Rincon Band of Mission Indians | Bo Mazzetti, Chairperson | 2/10/2016 | Phone | In a conversation with Vincent Whipple, THPO for the tribe, in a conversation for the Phase II portion of the project, approximately 0.75 miles to the northeast this project, he stated the project is outside the traditional use area for the Tribe, and that they defer to the Soboba or Pechanga Tribes. No additional correspondence will occur at this time. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|--|---------------------------------|--------------|--------------------|---|
| Ramona Band of Cahuilla Mission Indians | Joseph Hamilton, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. The call was forwarded to Mr. John Gomez, cultural department, who stated that the letter had been forwarded to the Chairman for review. Mr. John Gomez stated that he would follow up with the Chairman to determine if there were any questions/comments regarding the project. Mr. John Gomez also requested that an electronic copy of the letter be forwarded to him for his review (jgomez@ramona-nasn.gov). As requested, electronic copies of the letters for both Phase I and Phase II were sent to Mr. John Gomez. |
| San Luis Rey Band of Mission Indians | Tribal Council | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| Santa Rosa Band of Mission Indians | John Marcus, Chairman | 4/4/2016 | Phone | A representative of the Tribal Council stated that the San Luis Rey Band of Mission Indians would defer to the Pechanga Band of Mission Indians or the Soboba Band of Luiseno Indians |
| | | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 4/4/2016 | Phone and Email | A voicemail message was left with project details and contact information should the Santa Rosa Band of Mission Indians wish to discuss the project. Response: Ms. Gabriella Rubalcava returned the phone call on 4/11/2016. She was offered electronic copies of the consultation letter to better assist her review of the project. An email was sent upon conclusion of the call which transmitted the electronic copy of the letter as an attachment. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|--------------------------------|---|--------------|--------------------|---|
| Soboba Band of Luiseno Indians | Joseph Ontiveros, Cultural Resources Department | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 3/23/2016 | Letter | A letter was received from Mr. Ontiveros requesting AB52 consultation for this project. |
| | | 3/30/2016 | Phone | A message was left requesting that Mr. Ontiveros call back to provide availability for a consultation meeting. |
| | | 4/8/2016 | Email | An email was sent to Mr. Ontiveros requesting availability in April 2016 for a consultation meeting with Riverside County Transportation Department. |
| | | 5/24/2016 | Meeting | A meeting was held at the Riverside County offices. During the meeting the Soboba Band of Luiseno Indians stated that the project area is sensitive for Native American cultural resources. The tribe would like to review the Monitoring Plan, proposed mitigation measures, and would like to monitor project related ground disturbing activities. |
| | | 5/25/2016 | Email | Mr. Ontiveros submitted proposed mitigation measures via email. |
| | | 6/16/2016 | Email | An email was sent to Mr. Ontiveros with a revised monitoring plan and mitigation measures, for his review. |
| | | 6/27/2016 | Email and Phone | An email and phone call was placed to Jessica Valdez, representative for Mr. Ontiveros, to relay that geotechnical and presence/absence testing would occur in July. The revised monitoring plan and revised mitigation measures were included as an attachment to the email, for review. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|--------------------------------|---|--------------|--------------|---|
| Soboba Band of Luiseno Indians | | 6/29/2016 | Email | An email was sent relaying that geotechnical borings and presence/absence testing would occur on July 18 and 19, 2016. Maps were provided which displayed the boring locations. |
| | | 7/12/2016 | Email | An email was sent relaying the geotechnical dates, meeting time, and meeting location. |
| | | 7/18/2016 | Email | An email was sent to state that no cultural resources were discovered during the borings or presence/absence testing and that geotechnical borings would not occur on July 19, 2016. |
| | Joseph Ontiveros, Cultural Resources Department | 8/11/2016 | Email | Response: Jessica Valdez replied via email on July 18, 2016 requesting to be notified of additional geotechnical dates, once known. |
| | | 9/22/2016 | Email | An email was sent to relay that geotechnical borings were complete for the Dawson Segment. An email was sent which provided an electronic copy of the monitoring log. |
| Soboba Band of Luiseno Indians | | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. A hard copy of the report was also mailed on 2/6/2017. |
| | | 3/8/2017 | Email | An email was sent to inquire on the status of the cultural report review. |
| | | 4/12/2017 | Email | An email was sent to inquire on the status of the cultural report review. |

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|---|---|--------------|--------------------|--|
| | Rosemary Morillo, Chairperson | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent Attn: Carrie Garcia |
| | Rosemary Morillo, Chairperson | 3/23/2016 | Letter | A letter was received from Mr. Ontiveros requesting AB52 consultation for this project. All further correspondence will occur with Mr. Ontiveros. |
| Tongva Ancestral Territorial Tribal Nation | John Tommy Rosas, Tribal Administrator | 3/4/2016 | Email | A Section 106/AB 52 consultation letter was sent. |
| | | 3/7/2016 | Conference Call | A conference call was held with Mr. Rosas, Dokken Engineering, and the Riverside County of Transportation Department. Mr. Rosas expressed concern regarding the potential for buried archaeological sites to be present within the project area. He requested the following: tribal monitoring during geotechnical investigations, the use of both coring and augering equipment during geotechnical borings to limit damage to buried sites, samples of the geotechnical borings to study, archaeological testing with tribal monitoring, Monitoring Agreement, further consultation on the placement and type of archaeological testing, and an electronic copy of the records search. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|---|---|--------------|------------------|---|
| | | 4/14/2016 | Email | A letter was sent via email to Mr. Rosas stating that monitoring would be possible during geotechnical borings and construction of the project. Once the geotechnical boring and the construction schedules are known, this schedule will be provided to Mr. Rosas so that a tribal monitor can be present. It was also communicated that cultural resource sensitivity training would be provided to construction crew and that a monitoring protocol would be provided. |
| | | 5/23/2016 | Email and Letter | An email and a hard copy letter was sent with a draft Monitoring Plan/Protocol for review. |
| Tongva Ancestral Territorial Tribal Nation | John Tommy Rosas, Tribal Administrator | 6/16/2016 | Email | An email was sent with a revised/final Monitoring Plan/Protocol for review. Response: Mr. Rosas responded via email on June 21, 2016 that he approved of the Monitoring Plan/Protocol. |
| | | 6/29/2016 | Email | An email was sent to Mr. Rosas relaying that geotechnical borings and presence/absence testing would occur on July 18 and 19, 2016. Maps were provided which displayed the boring locations. Response: Mr. Rosas replied via email on June 29, 2016, acknowledging the notification. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|---|---|--------------|--------------|--|
| Tongva Ancestral Territorial Tribal Nation | John Tommy Rosas, Tribal Administrator | 7/12/2016 | Email | An email was sent to Mr. Rosas relaying the geotechnical dates, meeting time, and meeting location. Response: Mr. Rosas replied via email on July 12, 2016, acknowledging the notification. |
| | | 7/18/2016 | Email | An email was sent to Mr. Rosas to state that no cultural resources were discovered during the borings or presence/absence testing and that geotechnical borings would not occur on July 19, 2016. |
| | | 7/25/2016 | Email | An email was sent to Mr. Rosas stating that a second date for geotechnical borings was still being considered. |
| | | 8/11/2016 | Email | An email was sent to Mr. Rosas to relay that geotechnical borings were complete for the Dawson Segment. Response: Mr. Rosas replied on August 11, 2016 acknowledging that no more geotechnical monitoring was planned. |
| | | 9/22/2016 | Email | An email was sent which provided an electronic copy of the monitoring log. |

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| Affiliation | Name | Contact Date | Contact Type | Response |
|--|---|--------------|--------------|---|
| Tongva Ancestral Territorial Tribal Nation | John Tommy Rosas, Tribal Administrator | 2/3/2017 | Email | An email was sent which provided an electronic copy of the cultural resources report with recommended mitigation measures. The email requested a reply stating whether the recommended measures satisfied all concerns regarding reducing impacts to Native American cultural resources. Mr. Rosas acknowledged receipt of the report via email on 2/3/17 |
| | | 3/8/2017 | Email | An email was sent to inquire on the status of the cultural report review. Response: Mr. Rosas responded via email that the Tribe does not agree or concur with the proposed Mitigated Negative Declaration and do not believe that AB 52 consultation has been completed for this project. |
| | | 3/9/2017 | Phone | A voice message was left for Mr. Rosas requesting to discuss his concerns in more detail. Response: Mr. Rosas responded via email that there wasn't much to discuss as he believes the County is moving forward without adequately determining whether there is a resource which may be impacted by the project. Mr. Rosas stated he believes there is a strong chance that cultural resources will be impacted and does not believe sufficient testing (lack of coring bits used {this is false}) was conducted. |

Native American Consultation Log
Temescal Canyon Road Widening Project - Dawson Canyon Segment
Riverside County, California

| Affiliation | Name | Contact Date | Contact Type | Response |
|--|--|--------------|--------------|--|
| Tongva Ancestral Territorial Tribal Nation | John Tommy Rosas, Tribal Administrator | 4/5/2017 | Email | A letter was sent via email relaying all of the attempts undertaken to identify cultural resources within the project area. The letter also clarified that both coring and augering had occurred, as requested and that tribal monitoring of the geotechnical and archaeological investigations had occurred, as requested. The letter further stated that based on the available information gathered by the County and provided by the Tribe, no TCR had been identified within the project area. The letter concluded that due to the sensitivity of the area, the IS/MND contained proposed measures to mitigate impacts to potential resources to a less than significant level. These measures were included in the cultural resource report previously supplied and would also be in the draft IS/MND which would be circulated in spring/summer 2017. The letter provided County contact information should Mr. Rosas wish to discuss further. |
| Torres-Martinez Desert Cahuilla Indians | Michael Mirelez, Cultural Resources Coordinator | 2/24/2016 | Letter | A Section 106/AB 52 consultation letter was sent. |
| | | 2/10/2016 | Phone | 2:15pm - Mr. Mirelez, in a conversation for the Phase II portion of the project, approximately 0.75 miles to the northeast this project, stated that the project is outside of the traditional use area for the Tribe. He said the Tribe would defer to the Soboba or Pechanga Tribes. No additional correspondence will occur at this time. |

Appendix E FEMA Firmette Map



MAP SCALE 1" = 1000'



NFIP

PANEL 1390G

FIRM

FLOOD INSURANCE RATE MAP

RIVERSIDE COUNTY,
CALIFORNIA
AND INCORPORATED AREAS

PANEL 1390 OF 3805
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|---------------------------------|--------|-------|--------|
| CORONA CITY OF RIVERS DE COUNTY | 060250 | 1390 | G |
| | 060245 | 1390 | G |

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community



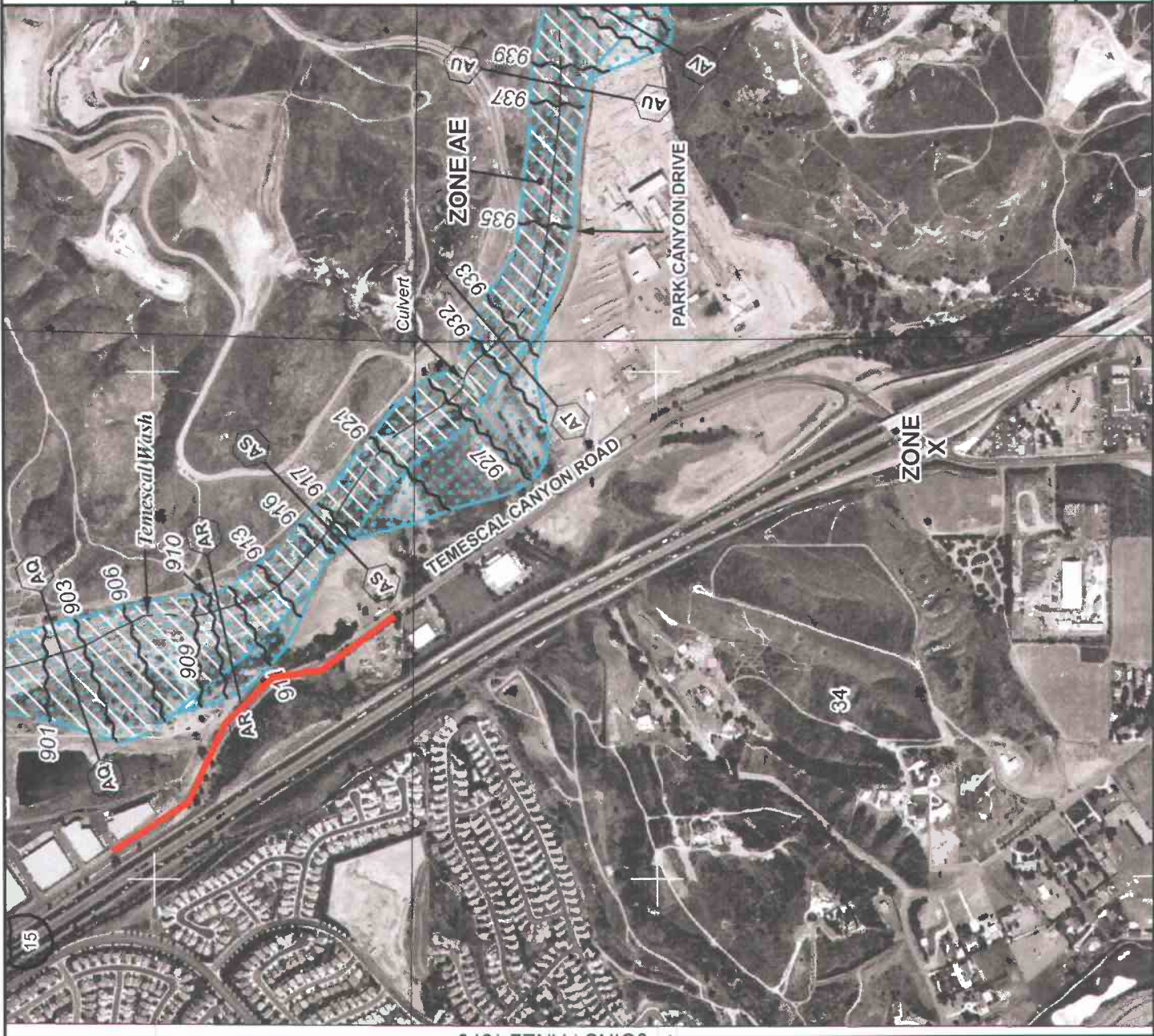
MAP NUMBER
06065C1390G

EFFECTIVE DATE
AUGUST 28, 2008

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



Appendix F Acronyms

| | |
|-----------------|---|
| AB | Assembly Bill |
| APE | Area of Potential Effects |
| BMPs | Best Management Practices |
| BSA | Biological Study Area |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CARB | California Air Resources Board |
| CDFW | California Department of Fish and Wildlife |
| CERFA | Community Environmental Response Facilitation Act (CERFA) of 1992 |
| CESA | California Endangered Species Act |
| CEQA | California Environmental Quality Act |
| CH ₄ | methane |
| CNDDDB | California Natural Diversity Database |
| CNEL | Community Noise Equivalent Level |
| CNPS | California Native Plant Society |
| CO | carbon monoxide |
| CO ₂ | carbon dioxide |
| CRHR | California Register of Historic Resources |
| dBA | Decibel A-weighted |
| EIR | Environmental Impact Report |
| E.O. | Executive Order |
| EPA | Environmental Protection Agency |
| ESA | Environmentally Sensitive Area |
| FESA | Federal Endangered Species Act |
| FIRM | Flood Insurance Rate Map |
| FTA | Federal Transit Administration |
| GHG | greenhouse gases |
| HCP | Habitat Conservation Plan |

| | |
|-----------------|---|
| HFC | Hydrofluorocarbons |
| IPCC | Intergovernmental Panel on Climate Change |
| JPR | Joint Project Review |
| Ldn | day-night average sound level |
| Leq | equivalent continuous sound level |
| Lb | pound |
| Lmax | maximum sound level |
| LOS | Level of Service |
| MBTA | Migratory Bird Treaty Act |
| MND | Mitigated Negative Declaration |
| Mph | miles per hour |
| MRZ | Mineral Resource Zone |
| NAAQS | National Ambient Air Quality Standards |
| NAHC | Native American Heritage Commission |
| NEPA | National Environmental Protection Act |
| NHPA | National Historic Preservation Act |
| NO ₂ | nitrogen dioxide |
| NO _x | nitrogen oxides |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDES | National Pollutant Discharge Elimination System |
| O ₃ | ozone |
| Pb | lead |
| PFC | Perfluorocarbons |
| PM | particulate matter |
| ppb | parts per billion |
| ppm | parts per million |
| ROG | Reactive organic compounds |
| RTP | Regional Transportation Plan |
| RWQCB | Regional Water Quality Control Board |
| SCAQMD | South Coast Air Quality Management District |

| | |
|-----------------|---|
| SHPO | State Historic Preservation Office |
| SO ₂ | sulfur dioxide |
| SPCCP | Spill Prevention, Control, and Countermeasure Program |
| SWMP | Storm Water Management Plan |
| SWPPP | Storm Water Pollution Prevention Plan |
| SCAB | South Coast Air Basin |
| USACE | United States Army Corps of Engineers |
| USFWS | United States Fish and Wildlife Service |

Appendix G Response to Public Comments

This appendix includes public comments received on the Draft Initial Study with Proposed Mitigated Negative Declaration for the Temescal Canyon Road Widening – Dawson Canyon Segment circulated in September 2017. Upon receipt of the comments, the County provided the responses included within this appendix.

Comment 1: Gary Laughlin, P.E., Laughlin & Associates, Inc. (September 13, 2017)

From: Gary Laughlin
To: Rose, Marcia Frances
Cc: Perez, Juan
Subject: 8/12/17 Tem Cyn Rd Widening Proj - Public Info mtg at Trilogy Lodge
Date: Wednesday, September 13, 2017 7:25:12 PM

Marcia,


Enjoyed our discussion yesterday, appreciate you taking the time. I have been to many mtgs such as this and this one had significant staff that were informed, engaged and very professional, your self included. The fact that we had to park in the upper Trilogy Lodge parking area, indicated to me it was well attended as well, which is little unusual for mtg that starts at 6 pm there.

Thought you might enjoy/learn from attached story, not Riverside County but very interesting, none the less.

<http://www.latimes.com/local/california/la-me-lopez-traffic-circle-20170913-story.html>

Thanks again,

Gary J. Laughlin, P.E.
Laughlin & Associates, Inc.

 are confidential and intended solely for the use of the individual or entity to whom they are addressed. This information is not to be reproduced or forwarded without permission from the sender.

Response 1: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project.

Comment 2: Amber Colangelo (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: Amber Colangelo
ADDRESS: 9257 Plumz Grass St CITY: INDIAN STATE: CA ZIP: 92085
EMAIL: [REDACTED]
REPRESENTING: [REDACTED]

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST? PLEASE DROP OFF WITHIN THE COMMENT BOX, MAIL, OR EMAIL TO:

YES NO

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?

MARCIA ROSE
SENIOR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 W 11TH STREET, RIVERSIDE, CA 92501
MROSE@RVCO.ORG

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

I am highly concerned about the timing of this job in relation to other building in the area. Residents, including myself, are livid and enraged by the neglect to infrastructure in preparation for all the new homes and businesses.

COMMENT DATE: 9/12/17 9/12/17

Response 2: Thank you for your comment and attending the public meeting. Temescal Canyon Road would be widened to provide two travel lanes in each direction to accommodate for future growth and travel needs consistent with local and regional plans, which includes planned commercial and residential developments along Temescal Canyon Road. Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan. The County is committed to maintaining two lanes (one in each direction) of traffic throughout construction on this project and is using input from the public to further minimize construction traffic impacts by timing key elements of construction during the least busy times of the year.

The County has hired a consultant construction manager to prepare recommendations on construction hours to minimize impacts to peak hour traffic and accelerate construction to the extent possible.

Comment 3: Amie Kinne (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: Amie Kinne
ADDRESS: [REDACTED] CITY: TV. STATE: CA 92883
EMAIL: [REDACTED]
REPRESENTING: _____

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST? PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:

YES NO

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?

MARCIA ROSE
SENIOR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 14TH STREET • RIVERSIDE, CA 92501
MROSE@RIVCO.ORG

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

I'm in favor of this project

COMMENT DATE: _____

Response 3: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project.

Comment 4: Barbara Paul (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME:

Barbara Paul

ADDRESS:

[Redacted]

TE *CT* ZIP *92583*

EMAIL:

REPRESENTING:

sett and Glen Eden Sun Club

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST?

YES NO

PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?

MARCIA ROSE
SR OR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 WTH STREET, RIVERSIDE, CA 92501
MROSE@RIVCO.ORG

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET?

YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET?

YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

It's about time!! Riverside should've done this a LONG TIME ago!!!

COMMENT DATE: _____

Response 4: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project.

Comment 5: Dan Smith (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: DAN SMITH
ADDRESS: [REDACTED] CITY TEMESCAL VALLEY STATE CA ZIP 94583
EMAIL: [REDACTED]
REPRESENTING: MYSELF

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST?
 YES NO

PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:
MARCIA ROSE
SENIOR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 14TH STREET • RIVERSIDE, CA 92501
MROSE@RVCO.ORG

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?
WE ARE T.V. HOUSING MEETINGS

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE
IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

I AM ALL IN TO START & COMPLETE THIS PROJECT.

COMMENT DATE: _____

Response 5: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project.

Comment 6: Keith Harris, The Retreat (September 16, 2017)

From: Keith Harris [<mailto:keith@usedcartridge.com>]
Sent: Saturday, September 16, 2017 11:11 AM
To: Rose, Marcia Frances <MFROSE@RIVCO.ORG>
Cc: jannlee.watson@ca.rr.com; 'Katie Harris' <katieharris1@aol.com>
Subject: TCR Project

Mrs. Rose,

In regards to the TCR road widening project I have a few concerns.

The first is that RTA has planned to expand service to TV in January yet the TCR project is not developing bus turn outs as explained to me at the TCR meeting in Trilogy Lodge on September 12th.

The second is even though the TCR project is not in a RC maintenance district, this shouldn't be an excuse but a reason to expand the district. With the addition of sidewalks and pedestrian crosswalks the TCR needs to install street lighting and garbage cans.

Regards

Keith Harris
The Retreat
keith@usedcartridge.com
[REDACTED]

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Response 6: Thank you for your comments.

Response A: Riverside Transit Agency (RTA) identifies bus service through Temescal Valley utilizing its CommuterLink Express Route 206, which stops at two locations near the vicinity of the project. One stop is at Fashion Road at the Dos Lagos shopping complex, located 1/4 mile beyond the northerly limits of the project. The other stop is at Tom's Farms located is 1/2 mile beyond the southerly limits of the project. These two stops reflect the expanded service to Temescal Valley that went into effect in January 2015. No additional bus stops are proposed at this time along the project limits and therefore new bus turnouts were not included in the project design.

Response B: Safety lighting is currently provided at the street intersections at Dos Lagos Drive and at Dawson Canyon Road, which are the only two locations that have pedestrian crosswalks along the project limits. As part of the project, new street lights will be installed at the intersections at Foster Road and at Leroy Road. The need for additional street lighting along the project length will be reevaluated during final design of the proposed project. The installation of lighting along undeveloped parcels of land is typically deferred to the owner as a condition of approval at the time of development of the property.

Comment 7: Tracy Davis (September 24, 2017)

From: Tracy Davis [mailto:tracycyto@yahoo.com]
Sent: Sunday, September 24, 2017 9:41 PM
To: Rose, Marcia Frances <MFROSE@RIVCO.ORG>
Subject: TCR widening project

Dear Ms. Rose,

I am in favor of the Temescal Canyon Road widening project. Please complete the construction as soon as possible. I would appreciate the most southern section nearest Dawson Canyon to have longer construction times. 7 a.m. - 10 p.m. The center session has to many residents that would be impact by later construction hours.

One point that needs correction, there is no Lee Lake Water District it changed its name to Temescal Valley Water District in July of 2014. Also it is Temescal Valley, CA 92883, not Lake Elsinore.

I understand that the reseeding process is a standard variety of plants. Minimum of four species seems to few, ten would be better. Due to the various soils, precipitation, and micro-climates of the valley, the growth would be more successful with more species. As project lead of Temescal Valley Milkweed to Monarch Project, I would like to see narrow leaf milkweed, asclepias fascicularis as one of those added to the list.

Thank you,
Tracy Davis



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Response 7: Thank you for your comments.

Response A: Temescal Canyon Road would be widened to provide two travel lanes in each direction to accommodate for future growth and travel needs consistent with local and regional plans, which includes planned commercial and residential developments along Temescal Canyon Road. Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan. The County is committed to maintaining two lanes (one in each direction) of traffic throughout construction on this project and is using input from the public to further minimize construction traffic impacts by timing key elements of construction during the least busy times of the year.

The County has hired a consultant construction manager to prepare recommendations on construction hours to minimize impacts to peak hour traffic and accelerate construction to the extent possible.

Response B: The Public Outreach section of the document has been updated to state Temescal Valley Water District instead of Lee Lake Water District, and Temescal Valley instead of Lake Elsinore.

Response C: Thank you for your suggestions. Hydroseed varieties are sometimes limited by local availability of seed stock and reliability for seeds to successfully germinate and establish in the post construction condition. Narrow leaf milkweed has been incorporated into measure BIO-18 as a potential seed to use during revegetation efforts.

BIO-18: During revegetation efforts, the project will be required to apply, at a minimum, 8 native and/or sterile species, 4 of which must come from the table below. Final seed selection will be coordinated with the project biologist.

| Common Name | Scientific Name | Type |
|-----------------------------|---------------------------------|-------------|
| Bicolor lupine | <i>Lupinus bicolor</i> | Herb |
| Blow wives | <i>Achyrachaena mollis</i> | Herb |
| Brittlebush | <i>Encelia farinosa</i> | Shrub |
| California bromegrass | <i>Bromus carinatus</i> | Grass |
| California buckwheat | <i>Eriogonum fasciculatum</i> | Shrub |
| California evening primrose | <i>Oenothera californica</i> | Herb |
| California mugwort | <i>Artemisia douglasiana</i> | Herb |
| California poppy | <i>Eschscholzia californica</i> | Herb |
| Chia sage | <i>Salvia columbariae</i> | Herb |
| Coastal sage brush | <i>Artemisia californica</i> | Shrub |
| Coyote brush | <i>Baccharis pilularis</i> | Shrub |
| Desert bells | <i>Phacelia campanularia</i> | Herb |
| Desert croton | <i>Croton californicus</i> | Herb |
| Evening primrose | <i>Oenothera elata</i> | Herb |
| Mule fat | <i>Baccharis salicifolia</i> | Shrub |
| Narrow leaf milkweed | <i>Asclepias fascicularis</i> | Herb |
| Nodding needle grass | <i>Nassella cernua</i> | Grass |
| Prickly poppy | <i>Argemone munita</i> | Herb |
| Purple needle grass | <i>Stipa pulchra</i> | Grass |
| Purple three awn | <i>Aristida purpurea</i> | Grass |
| Rubber rabbitbrush | <i>Ericameria nauseosa</i> | Shrub |
| Sixweeks grass | <i>Festuca octoflora</i> | Grass |
| Small fescue | <i>Festuca microstachys</i> | Grass |
| Tidy tips | <i>Layia platyglossa</i> | Herb |

Comment 8: Janina Allred (September 20, 2017)

-----Original Message-----

From: Janina Allred [mailto:janinaallred1604@yahoo.com]

Sent: Wednesday, September 20, 2017 8:09 PM

To: Rose, Marcia Frances <MFROSE@RIVCO.ORG>

Subject: Thank you

Thank you for the widening project for Temescal Canyon Road. I hope the process can begin and finish as soon as possible, to hopefully provide an alternate route from the 15 freeway, as well as relieve congestion on both roads. I'll be looking forward to it being completed.

Thank you

Sent from my cool purple iPad air

Confidentiality Disclaimer

This email is confidential and intended solely for the use of the individual(s) to whom it is addressed. The information contained in this message may be privileged and confidential and protected from disclosure. If you are not the author's intended recipient, be advised that you have received this email in error and that any use, dissemination, forwarding, printing, or copying of this email is strictly prohibited. If you have received this email in error please delete all copies, both electronic and printed, and contact the author immediately.

County of Riverside California <<http://www.countyofriverside.us/>>

Response 8: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project.

Comment 9: Keith Harris (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: Keith Harris
ADDRESS: [REDACTED] STATE: CA ZIP: 92883
EMAIL: [REDACTED]
REPRESENTING: _____

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST?
 YES NO

PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:

MARCIA ROSE
SENIOR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 14TH STREET, RIVERSIDE, CA 92501
MPROSE@RVCO.ORG

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?
wearetv.org

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE
Would like a public meeting format (forum)

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

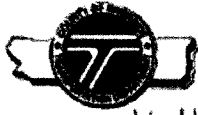
The Riverside Medical Clinic will start construction in 2018 of a 94,000 sq building with almost 500 parking spaces. Uerrick & Knabe will be severely impacted by traffic. Please look into this.

COMMENT DATE: 09/12/17

Response 9: Thank you for your comment and attending the public meeting. Temescal Canyon Road would be widened to provide two travel lanes in each direction to accommodate for future growth and travel needs consistent with local and regional plans, which includes planned commercial and residential developments along Temescal Canyon Road. Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan. The County is committed to maintaining two lanes (one in each direction) of traffic throughout construction on this project and is using input from the public to further minimize construction traffic impacts by timing key elements of construction during the least busy times of the year.

The County has hired a consultant construction manager to prepare recommendations on construction hours to minimize impacts to peak hour traffic and accelerate construction to the extent possible.

Comment 10: Kelly Noss (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: Kelli Noss
 ADDRESS: Temescal Valley Dr # 92583
 STATE: CA
 EMAIL: [REDACTED]
 REPRESENTING: [REDACTED]

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST?
 YES NO

PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:
MARCIA ROSE
 SENIOR TRANSPORTATION PLANNER
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
 3525 14TH STREET - RIVERSIDE, CA 92501
 MFROSE@RIVCO.ORG

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?
Facebook

MEETING ACCOMMODATIONS

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE.

TO ACCOMMODATE PERSONS WITH DISABILITIES THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

Please consider double shifts and/or weekend work as well to expedite the process & minimize impact long term. This project is long overdue but will not fix the actual problems with traffic in Temescal Valley. No parent should be forced to sit in 60-80 minutes of traffic to take their kids 5-8 miles to school.

COMMENT DATE: 9/12/17

Response 10: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the Build Alternative. The County has hired a consultant construction manager to prepare recommendations on construction hours to minimize impacts to peak hour traffic and accelerate construction to the extent possible.

Comment 11: Michael Brazeu (September 12, 2017)



Temescal Canyon Road Widening Projects

- DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
SEPTEMBER 12, 2017

NAME: Michael Brazeu
ADDRESS: [REDACTED] Temescal Valley CA ZIP 92883
EMAIL: [REDACTED]
REPRESENTING: Myself and the Montecito Ranch HOA

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST?

YES NO

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?

PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:

MARCIA ROSE
SENIOR TRANSPORTATION PLANNER
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
3525 14TH STREET, RIVERSIDE, CA 92501
MROSE@RVCO.ORG

MEETING ACCOMMODATIONS:

IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET?

YES NO NOT APPLICABLE

IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET?

YES NO NOT APPLICABLE

IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

The Project represents badly needed improvements. Unfortunately, it's too little too late. There is no project that can catch up with the amount of traffic here. Plus, the new housing below Eagle Glen + the apartments at dos Lagos will create absolute gridlock.

This has sadly led us to decide to move. We will be pulling two students from CNUSD, one is a 4.0 student at Santiago and a top runner on the X-Country team. I know many other families considering this and the houses will sell for less than they are assessed for so your tax base will go down!

COMMENT DATE: 09/12/2017

Response 11: Thank you for your comment and attending the public meeting. The purpose of the project is to relieve congestion along Temescal Canyon Road and improve safety, which includes an increase in sight distance along Temescal Canyon Road. The project's purpose will also bring the roadway up to current County design standard for Major Highways.

Comment 12: Tracy Davis (September 12, 2017)

Temescal Canyon Road Widening Projects
 - DRAFT INITIAL STUDY PUBLIC CIRCULATION OPEN HOUSE -
 SEPTEMBER 12, 2017

NAME: Tracy Davis
 ADDRESS: [REDACTED] CITY Temescal Valley STATE CA ZIP 92583
 EMAIL: [REDACTED]
 REPRESENTING: _____

DO YOU WISH TO BE ADDED TO THE PROJECT MAILING LIST? YES NO PLEASE DROP COMMENTS IN THE COMMENT BOX, MAIL, OR EMAIL TO:
 MARCIA ROSE
 SENIOR TRANSPORTATION PLANNER
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
 3525 14TH STREET, RIVERSIDE, CA 92501
 MFR0SE@RIVCO.ORG

HOW DID YOU HEAR ABOUT THIS MEETING OR PROJECT?
Friena Almiron / Kevin Jetteries

MEETING ACCOMMODATIONS:
 IF YOU ARE LIMITED IN YOUR ABILITY TO COMMUNICATE IN ENGLISH, WERE YOUR COMMUNICATION NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE
 IF YOU WERE IN NEED OF A REASONABLE ACCOMMODATION AT THIS MEETING AS A RESULT OF A DISABILITY, WERE YOUR NEEDS ADEQUATELY MET? YES NO NOT APPLICABLE
 IF YOU CHECKED NO TO EITHER OF THE TWO QUESTIONS ABOVE, PLEASE EXPLAIN HOW YOUR NEEDS COULD BE BETTER MET IN THE FUTURE

TO ACCOMMODATE PERSONS WITH DISABILITIES, THIS CARD WILL BE MADE AVAILABLE IN ALTERNATE FORMATS UPON REQUEST

FOLD

I WOULD LIKE TO MAKE THE FOLLOWING COMMENTS TO BE FILED IN THE RECORD (PLEASE PRINT):

I had most of my questions answer BVT I don't like the format of this meeting. It needs to be a presentation and everyone hear all questions and add to or not ask the same question over and over. that may take longer but it holds one department accountable for the whole and we get ONE answer. In the future projects presented only use this format.

I am in favor of this project but need to read the EIR document to comment further

COMMENT DATE: 9/12/17


Response 12: Thank you for your comment and attending the public meeting. The County welcomes your input and acknowledges your support of the proposed project. The County will consider other presentation methods for future projects.

(Comment 13 Continued)

Ms. Rose
September 11, 2017
Page 2

Should this proposal be later modified please forward copies of revised plans as necessary so that we may reevaluate all proposed changes for potential impact to I-15.

Sincerely,



MARK ROBERTS
Office Chief
Intergovernmental Review, Community and Regional Planning

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

Response 13: Thank you for your comment. The County is aware of the Temescal Valley Water District (previously Lee Lake Water District) Project along Temescal Canyon Road and Dawson Canyon Road, and will coordinate with the District during final design. The proposed project will not occur within Caltrans/State right of way; therefore, an encroachment permit will not be necessary for this project.

Comment 14: Ebru Ozdil, Planning Specialist, Pechanga Tribal Historic Preservation Office
(September 21, 2017)



PECHANGA TRIBAL HISTORIC PRESERVATION OFFICE
Temecula Band of Luiseño Mission Indians

Post Office, Box 2183 • Temecula, CA 92593
Telephone (951) 770-6300 • Fax (951) 506-9491

September 21, 2017

Tribal Historic Preservation
Officer:
Gary P. DuBois, JD, MSW

THPO Historian:
Lisa Woodward, Ph.D.

Advisory Review Board:
Neal Ibanez
Bridget Barcillo
Darlene Miranda
Evie Gerber
Andrew Masiel, Sr.
Richard B. Scumac
Robert Villalobos

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SEP 21 2017

Riv. Co. Trans. Div.
Traffic Eng.

VIA E-Mail and USPS

Marcia Frances Rose
Senior Environmental Planner
Transportation Department-Environmental Division
3525 14th Street
Riverside, CA 92501

**Re: Pechanga Tribe Comments on the Initial Study/Mitigated Negative Declaration
(IS/MND) for Temescal Canyon Road Widening Project, Dawson Canyon Segment.**


Dear Ms. Rose,

This comment letter is submitted by the Pechanga Band of Luiseño Indians (hereinafter, "the Tribe"), a federally recognized Indian tribe and sovereign government, in response to receipt of the August 2017 Draft Initial Study/Mitigated Negative Declaration (IS/MND) for the above named project.

The Tribe is in agreement with the proposed mitigation measures for cultural resources as presented in the drafted document for this Project and request that they be incorporated into the final MND and added as conditions of approval for the Project. Riverside County is a culturally significant area and the Tribe appreciates the opportunity to preserve and protect our sensitive cultural resources and to monitor earthmoving activities in the area. The Tribe thanks the County for the revision of the proposed mitigation measures which address the potential impacts to cultural resources, and for the inclusion of the Tribe in those measures.

The Pechanga Tribe looks forward to continuing to work together with the County of Riverside in protecting the invaluable Pechanga cultural resources found in the County. Please contact me at 951-770-6313 if you have any questions or comments.

Sincerely,


Ebru Ozdil
Planning Specialist

cc: Pechanga Office of the General Counsel

Sacred Is The Duty Trusted Unto Our Care And With Honor We Rise To The Need

Response 14: Thank you for your comment. The County will incorporate all mitigation measures for cultural resources into the Final document.

Comment 15: State Clearinghouse Letter (CDFW comment attached) (September 27, 2017)



EDMUND G. BROWN JR.
GOVERNOR

September 26, 2017

STATE OF CALIFORNIA
GOVERNOR'S OFFICE of PLANNING AND RESEARCH
STATE CLEARINGHOUSE AND PLANNING UNIT



KEP ALEY
DIRECTOR

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SEP 26 2017

Riv. Co. Trans. Dept
Traffic Engineering

Marcia Frances Rose
Riverside County
3525 14th St
Riverside, CA 92501

Subject: Temescal Canyon Road Widening Project - Dawson Canyon Segment
SCH#: 2017081056

Dear Marcia Frances Rose:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. The review period closed on September 25, 2017, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Scott Morgan
Director, State Clearinghouse

RECEIVED
SEP 26 2017
Riv Co. Trans. Dept
Traffic Engineering

1400 10th Street P.O. Box 3044 Sacramento, California 95812-3044
(916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

Response 15: Thank you for the confirmation letter.