

The Mitigation Monitoring and Reporting Program (MMRP) has been prepared in conformance with § 21081.6 of the Public Resources Code and § 15097 of the CEQA Guidelines, which require all state and local agencies to establish monitoring or reporting programs whenever approval of a project relies upon a Mitigated Negative Declaration (MND) or an Environmental Impact Report (EIR). The MMRP ensures implementation of the measures being imposed to mitigate or avoid the significant adverse environmental impacts identified through the use of monitoring and reporting. Monitoring is generally an ongoing or periodic process of project oversight; reporting generally consists of a written compliance review that is presented to the decision-making body or authorized staff person.

It is the intent of the MMRP to: (1) provide a framework for document implementation of the required mitigation; (2) identify monitoring/reporting responsibility; (3) provide a record of the monitoring/reporting; and (4) ensure compliance with those mitigation measures that are within the responsibility of the City of Santa Clarita (City) to implement.

The following table lists Mitigation Measures as well as Project Design Features adopted by the City in connection with approval of the proposed Project, responsible and monitoring parties, and the project phase in which the measures are to be implemented.

| NO.                                  | MITIGATION MEASURE   | ACTIONS/<br>TIMEFRAME  | VERIFICATION  | RESPONSIBLE PARTY                                     | MONITORING AGENCY OR PARTY   |
|--------------------------------------|--|--|---|---|--|
| <b>BIOLOGICAL RESOURCES</b>          |  |  |   |   |  |
| <b>MITIGATION MEASURE (MM) BIO-1</b> | <p><i>Sensitive Bat Species.</i> Due to the presence of potentially suitable habitat (i.e., bridge, culvert crossing, trees) for sensitive bat species, the following avoidance and minimization measures shall be implemented to avoid potential impacts to these species:</p> <p><i>Pre-construction Survey:</i> A qualified biologist experienced with bats shall conduct a pre-construction survey within all suitable habitat on the project site to determine whether occupied hibernacula, night roosts, and/or maternity roosts occur within the project site. The pre-construction survey shall be conducted within 30 days prior to commencing construction activities (i.e., earthwork, clearing, grubbing, and fuel modification [including off-site fuel modification on private property]) and shall consist of two separate surveys conducted no more than a week apart. The second and final survey shall be conducted no more than seven days prior to commencing construction activities. The pre-construction surveys shall be conducted using a detector for echolocation calls, such as an Anabat bat detector system. The results of the pre-construction survey shall be documented by the qualified biologist. If the qualified biologist determines that no sensitive bat roosts are present, the activities shall be allowed to proceed without any further requirements.</p> <p>If the qualified biologist determines that big free-tailed bat, pallid bat, and/or western yellow bat roosts are present, the following avoidance and minimization measures shall be implemented:</p> <p><i>Maternity Roosts:</i> If occupied maternity roost(s) are identified during the pre-construction survey, no construction activities shall occur within 500 feet during the maternity roosting season (March 1 through September 30) or until a qualified bat biologist determines the roost is no longer active. A qualified biologist shall clearly delineate the 500-foot no work buffer(s), which shall be clearly marked with flags and/or fencing prior to the initiation of construction activities.</p> <p><i>Night Roosts and Hibernacula:</i> To the extent feasible, no construction activities shall occur within 500 feet of active night roosts and/or hibernacula. The 500-foot no work buffer shall be left in place until project construction is completed or until a qualified bat biologist determines the roost/hibernaculum is no longer active. No project construction shall occur between 1.5 hours before sunset and 1.5 hours after sunrise.</p> <p>If avoidance of active night roosts and/or hibernacula is not feasible, the qualified biologist shall prepare a Bat Roost Relocation Plan to remove active night roosts/hibernacula and construct alternative bat roost outside of the work area. The Relocation Plan shall be submitted to CDFW for review prior to construction activities. The qualified biologist shall implement the Relocation Plan and new roost sites shall be constructed before the commencement of any project construction (i.e., earthwork, clearing, grubbing, and fuel modification [including off-site fuel modification on private property]). Removal of roosts will be guided by accepted exclusion and deterrent techniques.</p> | <p>Conduct pre-construction survey within 30 days prior to commencing construction activities.</p> <p>Implement avoidance and minimization measures if needed, or Bat Roost Relocation Plan if applicable.</p> | <p>Document results of the pre-construction survey; if Bat Roost Relocation Plan required, submit Plan to CDFW prior to construction activities</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |

| NO.      | MITIGATION MEASURE   | ACTIONS/<br>TIMEFRAME   | VERIFICATION  | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY   |
|----------|--|---|---|---|--|
| MM BIO-2 | <p><i>Southern California Legless Lizard.</i> Due to the presence of suitable habitat for Southern California legless lizard, a pre-construction survey shall be conducted within suitable habitat (leaf litter with high soil moisture) no more than 14 days prior to soil disturbance. The survey shall be conducted when soil temperatures are between 60- and 70-degrees Fahrenheit, as feasible with timing of construction. A hand rake shall be used to gently search for individuals in loose litter and soil. If southern California legless lizards are encountered, a qualified biologist with an appropriate Scientific Collecting Permit shall relocate individuals to suitable habitat outside of the project footprint.</p>   | <p>Conduct pre-construction survey within 14 days of soil disturbance activities. Implement relocation measures if needed.</p>  | <p>Conduct pre-construction survey and implement relocation measures</p>  | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |
| MM BIO-3 | <p><i>Crotch's Bumble Bee.</i> This mitigation measure shall only be required if Crotch's bumble bee remains as a candidate state endangered species or is listed as a state endangered species at the time of project construction. If Crotch's bumble bee is delisted, this mitigation measure shall not be required.</p> <p>Due to the presence of suitable habitat for Crotch's bumble within the Project site, the following measures shall be implemented to reduce potential impacts to this species:</p> <p><i>Pre-construction Survey:</i> To the extent feasible, construction activities (i.e., demolition, earthwork, clearing, and grubbing) shall occur outside of the Crotch's bee flight season (February 1 through October 31). If construction activities must occur during the flight season, a qualified biologist shall conduct a pre-construction survey for Crotch's bumble bee queens, gynes, and colonies. The survey shall be conducted no more than 14 days prior to construction during optimal weather conditions (e.g., warm, sunny days between 65- and 90-degrees Fahrenheit). If the pre-construction survey is negative, no further assessment shall be required, and construction activities shall be allowed to proceed without any further requirements. If Crotch's bumble bee is detected during the pre-construction survey, the measures below shall be implemented.</p> <p><i>CESA Compliance:</i> Prior to issuance of a grading permit, it shall be demonstrated that CESA-required consultation with CDFW regarding the project's effects to Crotch's bumble bee has occurred, and, if take of Crotch's bumble bee is expected, that CDFW has authorized such take through an incidental take permit, as applicable. In addition, if an incidental take permit is issued for the project that covers Crotch's bumble bee, that document shall supersede any inconsistent measures provided in this report.</p> <p><i>Compensatory Mitigation:</i> Compensatory mitigation for permanent direct impacts to suitable Crotch's bumble bee habitat shall be offset through compensatory mitigation, which may include, but is not necessarily limited to, on-site or off-site habitat preservation, enhancement, restoration, and/or creation at a ratio of no less than 1:1. However, if an incidental take permit is issued for the project that covers Crotch's bumble bee, that document(s) shall supersede any measures and mitigation ratios provided in this report.</p> | <p>Applicable if species remains a candidate state endangered species or is listed as a state endangered species at the time of construction. If construction activities must occur during the flight season (February 1 through October 31), conduct pre-construction survey within 14 days prior to commencing construction activities.</p> | <p>If Crotch's bumble bee is detected during the pre-construction survey, prior to issuance of a grading permit, conduct CESA-required consultation with CDFW</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |

| NO.      | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME   | VERIFICATION   | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY   |
|----------|---|---|--|---|--|
| MM BIO-4 | <p><i>Burrowing Owl.</i> Due to the presence of potentially suitable burrows within the project site, the following measures shall be implemented to reduce potential impacts to this species:</p> <p><i>Take Avoidance Surveys:</i> Take avoidance surveys shall be conducted 14 days or more prior to construction activities, and repeated 24 hours prior to construction activities (i.e., demolition, earthwork, clearing, and grubbing) to determine presence of BUOW. If ground-disturbing activities occur, but the site is left undisturbed for more than 30 days, a pre-construction survey must be conducted again to confirm BUOW has not colonized the project site since it was last disturbed. If take avoidance surveys are negative and BUOW is confirmed absent, then ground-disturbing activities shall be allowed to commence, and no further measures shall be required.</p> <p><i>Protection and Relocation Plan:</i> If BUOW(s) is observed during the take avoidance surveys, CDFW will be immediately informed of the observation location(s) and status(es). Active burrows shall be avoided by the project in accordance with the CDFW's Staff Report (CDFG 2012). If avoidance of direct and/or indirect impacts to active burrows is not feasible, a BUOW Protection and Relocation Plan (Plan) shall be prepared by a qualified biologist. The Plan must be approved by CDFW prior to construction activities (i.e., demolition, earthwork, clearing, and grubbing). The Plan shall include measures to minimize indirect impacts to BUOWs during construction, and if direct impacts are unavoidable, the Plan shall provide measures to conserve all nesting, occupied, and satellite burrows and/or BUOW habitat such that the habitat acreage and number of burrows and BUOW individuals impacted are maintained and/or replaced. Further coordination with CDFW shall occur to mitigate for direct loss of habitat through the acquisition, conservation, and management of in-kind habitat. Lands conserved to mitigate for direct impacts shall include: (1) sufficiently large acreage with fossorial mammals present; (2) permanent protection through a conservation easement for the purpose of conserving BUOW habitat and prohibiting activities incompatible with BUOW use; (3) development and implementation of a Mitigation Land Management Plan to address long-term ecological sustainability and maintenance of the site for BUOWs; and (4) funding for the maintenance and management of mitigation land through the establishment of a long-term funding mechanism, such as an endowment.</p> | <p>Conduct owl survey 14 days or more prior to construction activities and 24 hours prior to construction activities. If site is left undisturbed for more than 30 days, a pre-construction survey must be conducted again. If warranted, prepare a Burrowing Owl Protection and Relocation Plan prior to construction activities. Implement avoidance measures, if needed, during grading.</p> | <p>Submit BUOW Protection and Relocation Plan to CDFW; Plan must be approved prior to construction activities.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |
| MM BIO-5 | <p><i>Sensitive Vegetation Communities.</i> Mitigation for permanent impacts to scale broom scrub that occur outside of CDFW jurisdiction shall occur at a ratio of no less than 1:1 through on-site or off-site habitat preservation, enhancement, restoration, and/or creation. Off-site habitat mitigation shall include either: (1) purchase of credits at a conservation bank; (2) acquisition of mitigation land; or (3) preservation, enhancement, restoration, and/or creation within existing City land. Temporary impacts to scale broom scrub shall be revegetated as appropriate once the project has been completed in accordance with Project Design Feature-1.</p>   | <p>Prior to issuance of grading permit</p>  | <p>Prior to issuance of grading permit</p>   | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |



| NO.      | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME  | VERIFICATION   | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY  |
|----------|---|--|--|---|---|
| MM BIO-6 | <p><i>CDFW Jurisdiction.</i> Prior to issuance of a grading permit, the City shall obtain a Streambed Alteration Agreement from CDFW. Permanent impacts to CDFW jurisdiction shall be mitigated through: (1) on-site or off-site enhancement, restoration, and/or creation of CDFW jurisdictional streambed at ratio of no less than 2:1; or (2) purchase of credits at an approved mitigation bank at a ratio of no less than 1:1 provided that the mitigation is creation of streambed and has already been successfully implemented. Temporary impacts to CDFW jurisdiction shall be revegetated as appropriate once the project has been completed (PDF-1).</p> <p>BMPs to minimize and avoid impacts to CDFW jurisdiction during and after construction shall be addressed as part in the Streambed Alteration Agreement. Minimization and avoidance measures may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Construction-related equipment shall be stored in developed/disturbed areas, outside of drainages. No equipment maintenance shall be done within or adjacent to the drainage.</li> <li>• Mud, silt, spoil sites, raw cement, asphalt, or other pollutants from construction activities shall not be placed within or adjacent to the drainage.</li> <li>• Open trenches or other excavated areas shall be properly secured at the end of the day to avoid entrapment of animals, or an escape ramp shall be provided.</li> <li>• To avoid attracting predators during construction, the project shall be kept clean of debris to the extent possible. All food-related trash items shall be enclosed in sealed containers and regularly removed from site.</li> <li>• Construction personnel shall strictly limit their activities, vehicles, equipment and construction material to the proposed project footprint, staging areas, and designated routes of travel.</li> <li>• Exclusion fencing shall be installed to demarcate the limits of disturbance. The exclusion fencing should be maintained until the completion of construction activities.</li> <li>• To the extent feasible, construction shall be conducted outside of the nesting bird season (see MM BIO-8 below).</li> </ul> | <p>Prior to issuance of a grading permit, obtain Streambed Alteration Agreement. Implement mitigation identified in permits, throughout construction, in area governed by permits.</p> | <p>Obtain Streambed Alteration Agreement and observe implementation actions during construction in area governed by agreement.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department, USACE, and RWQCB</p> |



| NO.      | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME   | VERIFICATION   | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY   |
|----------|---|---|--|---|--|
| MM BIO-7 | <p><i>USACE and RWQCB Jurisdiction.</i> Prior to issuance of a grading permit, the City shall obtain appropriate regulatory permits from USACE and RWQCB. Regulatory permits are anticipated to include a Section 404 Nationwide Permit through USACE and a Section 401 Water Quality Certification through RWQCB. Waste Discharge Requirements shall be obtained for impacts to non-federal waters through preparation and submittal of a SWRCB Report of Waste Discharge. Compensatory mitigation for permanent impacts to USACE and RWQCB jurisdiction shall be required as part of subsequent permitting requirements. Permanent impacts shall be mitigated through: (1) on-site or off-site enhancement, restoration, and/or creation of jurisdictional streambed at a ratio of no less than 2:1 or (2) purchase of credits at an approved mitigation bank at a ratio of no less than 1:1, provided that the mitigation is creation of streambed and has already been successfully implemented. Temporary impacts to USACE and RWQCB jurisdiction shall be returned to baseline topographic contours as appropriate once the project has been completed.</p> <p>BMPs to minimize and avoid impacts to USACE and RWQCB jurisdiction during and after construction shall be addressed as part of the Nationwide Permit, Water Quality Certification, and Waste Discharge Requirements. Minimization and avoidance measures may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>• Construction-related equipment shall be stored in developed/disturbed areas, outside of the drainage. No equipment maintenance shall be done within or adjacent to the drainage.</li> <li>• Source control and treatment control BMPs shall be implemented to minimize the potential contaminants that are generated during and after construction. Water quality BMPs shall be implemented throughout the project to capture and treat potential contaminants.</li> <li>• Substances harmful to aquatic life shall not be discharged into the drainage. All hazardous substances shall be properly handled and stored.</li> <li>• A Storm Water Pollution Prevention Plan shall be prepared to prevent sediment from entering the drainage during construction.</li> <li>• To avoid attracting predators during construction, the project shall be kept clean of debris to the extent possible. All food-related trash items shall be enclosed in sealed containers and regularly removed from site.</li> <li>• Construction personnel shall strictly limit their activities, vehicles, equipment and construction material to the proposed project footprint, staging areas, and designated routes of travel.</li> <li>• Exclusion fencing shall be installed to demarcate the limits of disturbance. The exclusion fencing should be maintained until the completion of construction activities.</li> </ul> | <p>Prior to issuance of a grading permit, obtain required permits from the USACE and RWQCB. Implement mitigation identified in permits, throughout construction, in area governed by permits.</p> | <p>Obtain permits prior to issuance of grading permit. Observe implementation actions during construction in area governed by permits.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |

| NO.                            | MITIGATION MEASURE   | ACTIONS/<br>TIMEFRAME   | VERIFICATION  | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY   |
|--------------------------------|--|---|---|---|--|
| MM BIO-8                       | <p><i>Nesting Birds.</i> To the extent feasible, construction activities (i.e., earthwork, clearing, and grubbing) shall occur outside of the general bird nesting season for migratory birds, which is February 15 through August 31 for songbirds and January 1 to August 31 for raptors.</p> <p>When construction activities (i.e., earthwork, clearing, and grubbing) occur during the general bird nesting season for migratory birds and raptors, a qualified biologist shall perform a pre-construction survey of potential nesting habitat to confirm the absence of active nests belonging to migratory birds and raptors afforded protection under the MBTA and CFG Code. The pre-construction survey shall be performed no more than seven days prior to the commencement of construction activities. The qualified biologist shall document the results of the pre-construction survey. If construction is inactive for more than seven days, an additional survey shall be conducted. If the qualified biologist determines that no active migratory bird or raptor nests occur, the activities shall be allowed to proceed without any further requirements.</p> <p>If the qualified biologist determines that an active migratory bird or raptor nest is present, no construction activities within 300 feet (500 feet for raptors) of the active nest shall occur until the young have fledged the nest and the nest is confirmed to no longer be active, or as determined by the qualified biologist. The biological monitor may modify the buffer or propose other recommendations to minimize disturbance to nesting birds.</p> | <p>If feasible, schedule construction outside of nesting season; if not possible, perform preconstruction survey within 7 days prior to construction work. Perform additional surveys if construction ceases for &gt;7 days. Implement avoidance as needed.</p> | <p>Review grading plan to confirm schedule specification or that pre-construction survey will be conducted. Review results of bird surveys prior to commencement of grading in potential nesting habitat.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |
| PROJECT DESIGN FEATURE (PDF)-1 | <p>Following the proposed work in Honby Channel, temporary impacts to the drainage will be restored in accordance with a Restoration Plan. The restoration efforts will reestablish local native plants and replace habitat. The restoration work will include removal of accumulated sediment, stabilizing unvegetated soil, and replanting with local native species. The restoration effort will include propagating local native plant cuttings and managing interim conditions during establishment, including temporary fencing, grazing wildlife, wildlife damage to the temporary irrigation system, and management of non-native species. The Restoration Plan will include a plant layout, identifying the types, locations, patterns, and densities of suitable native vegetation to be planted. The Plan will identify irrigation requirements and monitoring frequency for three years until vegetation establishment.</p>  | <p>Prior to operation of the Project, prepare and implement a Restoration Plan for Honby Channel.</p>   | <p>Initiate Restoration Plan for Honby Channel prior to Project operation.</p>  | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |
| PDF-2                          | <p><i>Landscape Plan.</i> The City will prepare a landscape and turf maintenance plan that discusses, at a minimum, the location, type, and timing of irrigation, the use of fertilizers and methods to prevent contaminated runoff entering the stream, and the use of herbicides and other pesticides and methods to prevent adverse effects on native plants and animals. The plan will prohibit the use of rodenticides except when all other feasible integrated pest management approaches are unsuccessful. The plan will be provided to CDFW for review and comment. If comments have not been received within 30 days of submitting the plan, the City will presume the plan is acceptable as written.</p>  | <p>Prior to issuance of a grading permit, prepare landscape and turf maintenance plan.</p>  | <p>Landscape plan to be provided to CDFW for review and comment.</p>  | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |

| NO.                       | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME  | VERIFICATION   | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY   |
|---------------------------|---|--|--|---|--|
| <b>PDF-3</b>              | <p><i>Lighting Plan.</i> The City will prepare a detailed lighting plan that discusses, at a minimum, the criteria used by the City in selecting the various types of lighting fixtures, a schedule detailing the hours the various lights will be on, and steps taken by the City to minimize adverse effects. Methods for minimizing adverse effects of artificial night lighting may include lighting only where light is necessary, turning lights off when they are not in use (e.g., motion detector, if feasible), only using as much light as is needed, directing the light only where it is needed, and using the lowest possible correlated color temperature for the goal of the lighting. The lighting plan will be provided to CDFW for review and comment. If comments have not been received within 30 days of submitting the plan, the City will presume the plan is acceptable as written.</p>  | <p>Prior to issuance of a grading permit, prepare lighting plan.</p>   | <p>Lighting plan to be provided to CDFW for review and comment.</p>                                    | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department and California Department of Fish and Wildlife</p> |
| <b>CULTURAL RESOURCES</b> |   |  |  |   |  |
| <b>MM<br/>CUL-1</b>       | <p><i>Cultural Resources Monitoring.</i> Archaeological monitoring shall occur in the APE during all soil-disturbing and grubbing/grading/excavation/trenching activities, which could impact archaeological resources. The monitor will observe construction activities to determine if cultural resources are present below the surface. The Principal Investigator (PI) will submit a request to the City during construction requesting a modification to the monitoring program when field conditions occur that could reduce or increase the potential for resources to be present. Such field conditions may include modern disturbance post-dating the previous grading/trenching activities, presence of fossil formations, or when native soils are encountered. Ground-disturbing activities include, but are not limited to, geotechnical boring, boring, trenching, grading, excavating, and the demolition of building foundations. Monitoring shall be conducted by an archaeological monitor who is working under the guidance of a qualified archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for archaeology (48 Federal Register 44738). The archaeological monitor shall observe ground-disturbing activities in all areas with the potential to contain significant cultural deposits. The archaeological monitor shall maintain and submit monitoring logs at the conclusion of monitoring. If discoveries are made during ground-disturbing activities, additional work may be required in accordance with the terms specified in the cultural resources monitoring and discovery plan.</p> <p>At the completion of grading, excavation, and ground-disturbing activities on the site, a monitoring report shall be submitted to the City that documents monitoring activities conducted by the Project archaeologist within 60 days of completion of monitoring. This report shall document the daily archaeological monitoring results; describe how each mitigation measure was fulfilled; document the type of cultural resources recovered and the disposition of such resources; and, in a confidential appendix, include the daily/weekly monitoring notes from the qualified archaeologist. Final monitoring reports will be submitted to the City and the South Central Coastal Information Center. If a federal agency (e.g., the US Army Corps of Engineers) is involved in the Project due to a federal nexus, monitoring reports may also be shared with that agency. Any unanticipated archaeological finds and subsequent evaluation or data recovery efforts will be documented in the report.</p> | <p>Provide cultural resources monitoring specifications in the grading plan. Conduct monitoring during grading. File post monitoring report.</p> | <p>During grading plan check, during grading, and file report after field monitoring is completed.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p>  |



| NO.         | MITIGATION MEASURE   | ACTIONS/<br>TIMEFRAME  | VERIFICATION   | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY                      |
|-------------|--|--|--|---|---|
| MM<br>CUL-2 | <p><i>Evaluation of Unanticipated Finds.</i> In the event an archaeological resource is unearthed during excavation, all excavations shall be halted within 60 feet of the find. Work shall stop immediately, and the discovery shall be evaluated by a qualified archaeologist meeting the Secretary of the Interior’s Professional Qualification Standards for archaeology (48 Federal Register 44738), pursuant to the procedures set forth at CEQA Guidelines Section 15064.5 and 36 CFR Part 60.4. Depending on the nature of the find, the determination of significance may require additional excavation, potentially including the preparation and execution of a Phase II archaeological testing plan. As the lead agency, the City shall make a determination of significance on the basis of the recommendations of the qualified archaeologist.</p> <p>If the resource is determined not to be significant, then resource-specific work shall be completed, and construction may proceed. If the resource is determined to be significant and avoidance is not feasible, then a resource-specific archaeological resources treatment plan shall be prepared and executed in accordance with Mitigation Measure CUL-3 prior to recommencing ground-disturbing activities that may impact the resource.</p>   | <p>Implement as applicable during archaeological monitoring. If warranted, prepare Phase II archaeological test plan and potentially a treatment plan.</p> | <p>Implement as applicable during cultural resources monitoring.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |
| MM<br>CUL-3 | <p><i>Treatment of Significant Resources.</i> Avoidance and preservation-in-place are the preferred treatment for historical resources, but avoidance is not always feasible. In an event that a significant historical resource is discovered and disturbance to such a resource cannot be avoided, one of the following treatments shall be implemented: avoidance, site capping, creation of conservation easements, or archaeological data recovery.</p> <p>If avoidance, site capping, or creation of a conservation easement is determined infeasible, then a Phase III data recovery excavation will be required, pursuant to CEQA Guidelines Section 15064.5 and Section 106 36 CFR 800.13, to document the resource’s scientifically consequential information. The Phase III data recovery plan shall be prepared in consultation with the consulting tribe(s). The Phase III study shall consist of the recovery and analysis of a statistically significant sample of the site through archaeological excavation, radiocarbon dating of organic materials or other kinds of dating, cataloging, specialist analysis, and report writing designed to document the resource in perpetuity.</p> <p>During the course of construction, all discovered resources shall be temporarily curated in a secure location on-site or at the offices of the qualified archaeologist. The removal of any artifacts from the APE for cataloging and analysis during evaluation and analysis will need to be thoroughly inventoried with tribal monitor oversight of the process. The landowner shall relinquish ownership of all cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains, as part of the required mitigation for impacts to cultural resources. The applicant shall relinquish the artifacts through one or more of the following methods and provide the City with evidence of final disposition of the cultural material collection:</p> <ul style="list-style-type: none"> <li>• Accommodate the process for on-site reburial of the discovered items with the consulting tribe(s). This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloging and basic recordation have been completed.</li> <li>• A curation agreement with an appropriate qualified repository in Los Angeles County that meets federal standards per 36 CFR Part 79, and therefore will 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 in Los Angeles County, to be accompanied by payment of the fees necessary for permanent curation.</li> <li>• If more than one Native American tribe is involved with the Project and the tribes cannot come to a consensus as to the disposition of cultural materials, they shall be curated at an appropriate qualified repository determined by the City.</li> </ul> | <p>Implement as applicable during cultural resources monitoring. If warranted, prepare Phase III data recovery plan.</p>                                   | <p>As applicable, submit curation agreement to City.</p>             | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |

| NO.                      | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME   | VERIFICATION  | RESPONSIBLE<br>PARTY                           | MONITORING<br>AGENCY OR<br>PARTY  |
|--------------------------|---|---|---|--|---|
| <b>MM<br/>CUL-4</b>      | <i>Treatment of Unanticipated Finds of Human Remains.</i> If human skeletal remains are found during earth-moving activities, work shall be suspended and the Los Angeles County Coroner's Office shall be notified. Standard guidelines set by California law provide for the treatment of skeletal material of Native American origin (California Public Resources Code Sections 5097.98 et seq.; Health and Safety Code Section 7050.5). If the remains are found to be archaeological, then after the coroner releases the site, the qualified professional archaeologist, in consultation with the most likely descendant, shall prepare an archaeological treatment plan in accordance with Mitigation Measure CUL-2 that also incorporates the guidance in "A Professional Guide for the Preservation and Protection of Native American Remains and Associated Grave Goods," published by the California Native American Heritage Commission.  | Implement as applicable during cultural resources monitoring. If warranted, prepare archaeological treatment plan.  | As applicable, contact County Coroner and Native American Heritage Commission, and prepare archaeological treatment plan. | City of Santa Clarita, Public Works Department | City of Santa Clarita, Public Works Department, County Coroner, and Native American Heritage Commission |
| <b>GEOLOGY AND SOILS</b> |   |   |   |  |   |
| <b>MM<br/>PALEO-1</b>    | The contractor must retain a Society of Vertebrate Paleontology (SVP) qualified paleontologist to provide or supervise a paleontological sensitivity training (i.e., Workers Environmental Awareness Program or WEAP training), prior to the beginning of ground-disturbing activities, for all personnel planned to be involved with earth-moving activities. The training session will focus on how to identify paleontological localities, such as fossils, that may be encountered and the procedures to follow if identified.  | Prior to construction ground-disturbing activities, provide WEAP training.  | Maintain documentation of WEAP training   | City of Santa Clarita, Public Works Department | City of Santa Clarita, Public Works Department  |
| <b>MM<br/>PALEO-2</b>    | For the purposes of this mitigation measure, ground disturbance refers to activities that would impact subsurface geologic deposits, such as grading, excavation, and boring. Activities taking place in current topsoil or within previously disturbed fill sediments, e.g., clearing and grubbing, or at the current topsoil surface, e.g., building repairs, do not require paleontological monitoring. Prior to ground disturbing activities, such as grading or excavation in sedimentary deposits and/or sedimentary rock material other than topsoil, specifically the Middle to Early Holocene and Pleistocene alluvial deposits, the contractor shall retain an SVP-qualified paleontologist to monitor or oversee monitoring of these activities. The paleontological monitor shall be on site for grading activities associated with the railroad right-of-way undercrossing, creek bank stabilization, and structural infiltration facilities, as these areas are scheduled for excavation of between 20 and 25 feet. Spot-checking the areas of more shallow excavations will be sufficient. If fossils are discovered during grading at any depth, the on-site construction supervisor shall be notified and redirect work away from the location of the discovery. The recommendations of the paleontologist shall be implemented with respect to the evaluation and recovery of fossils, after which the on-site construction supervisor shall be notified and shall direct work to continue in the location of the fossil discovery. | Provide these specifications in the grading plan. Prior to construction ground-disturbing activities, City to retain a qualified paleontologist. Conduct monitoring during grading. | Prepare and maintain post monitoring report   | City of Santa Clarita, Public Works Department | City of Santa Clarita, Public Works Department  |

| NO.                          | MITIGATION MEASURE   | ACTIONS/<br>TIMEFRAME  | VERIFICATION  | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY                      |
|------------------------------|--|--|---|---|---|
| <p><b>MM<br/>PALEO-3</b></p> | <p>If the fossils are determined to be significant per the SVP standards described in Mitigation Measure PALEO-4, then the SVP-qualified paleontologist shall prepare and implement a data recovery plan. The plan shall include the following measures at a minimum:</p> <ul style="list-style-type: none"> <li>• The paleontologist shall ensure that all significant fossils collected are cleaned, identified, cataloged, and permanently curated with an appropriate institution with a research interest in the materials (which may be the Natural History Museum of Los Angeles County);</li> <li>• The paleontologist shall ensure that specialty studies are completed, as appropriate, for any significant fossil collected; and</li> <li>• The paleontologist shall ensure that the curation of fossils is completed in consultation with the City. The curation institution's acceptance letter shall be submitted to the City.</li> </ul>  | <p>If warranted during the course of monitoring, prepare and implement a data recovery plan.</p>   | <p>As applicable, submit documentation of the curation institution's acceptance to the City</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |
| <p><b>MM<br/>PALEO-4</b></p> | <p>If any paleontological resources are encountered during construction or the course of any ground-disturbance activities, all such activities shall halt immediately. For the purposes of this mitigation measure, ground disturbance refers to activities that would impact subsurface geologic deposits, such as grading, excavation, and boring. At this time, the City will consult with a qualified paleontologist to assess the significance of the find. The assessment will follow SVP standards as delineated in the <i>Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources</i> (2010). If any find is determined to be significant, appropriate avoidance measures recommended by the consultant and approved by the City must be followed unless avoidance is determined to be infeasible by the City. If there is a federal nexus for the Project, the involved federal agency (e.g., the US Army Corps of Engineers) shall also be consulted. If avoidance is infeasible, other appropriate measures (e.g., data recovery, excavation) shall be instituted. The recommendations of the qualified paleontologist shall be implemented with respect to the evaluation and recovery of fossils, after which the on-site construction supervisor shall be notified and shall direct work to continue in the location of the fossil discovery. Any fossils recovered during mitigation shall be cleaned, identified, cataloged, and permanently curated with an accredited and permanent scientific institution with a research interest in the materials.</p> <p>If no fossils have been recovered after 50 percent of the excavation has been completed, full-time monitoring may be modified to weekly spot-check monitoring at the discretion of the qualified paleontologist. The qualified paleontologist may recommend to the client to reduce paleontological monitoring based on observations of specific site conditions during initial monitoring (e.g., if the geologic setting precludes the occurrence of fossils). The recommendation to reduce or discontinue paleontological monitoring in the Project area shall be based on the professional opinion of the qualified paleontologist regarding the potential for fossils to be present after a reasonable extent of the geology and stratigraphy has been evaluated.</p> <p>A qualified professional paleontologist is a professional with a graduate degree in paleontology, geology, or related field, with demonstrated experience in the vertebrate, invertebrate, or botanical paleontology of California, as well as at least one year of full-time professional experience or equivalent specialized training in paleontological research (i.e., the identification of fossil deposits, application of paleontological field and laboratory procedures and techniques, and curation of fossil specimens), and at least four months of supervised field and analytic experience in general North American paleontology as defined by the SVP.</p> | <p>Provide these specifications in the grading plan. Implement during construction ground-disturbing activities, City to retain a qualified paleontologist. Conduct monitoring during grading. Prepare post monitoring report.</p> | <p>Maintain monitoring records</p>  | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |

| NO.                              | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME  | VERIFICATION  | RESPONSIBLE<br>PARTY                                  | MONITORING<br>AGENCY OR<br>PARTY                      |
|----------------------------------|---|--|---|---|---|
| <b>NOISE</b>                     |   |  |   |   |   |
| <b>MM<br/>NOI-1</b>              | <p>To reduce noise levels during nighttime construction activities, the City shall comply with the following:</p> <ul style="list-style-type: none"> <li>• Construction contracts must specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state-required noise attenuation devices.</li> <li>• A sign, legible at a distance of 50 feet, shall be posted at the Project construction site providing a contact name and a telephone number where residents can inquire about the construction process and register complaints. This sign shall indicate the dates and duration of nighttime construction activities. In conjunction with this required posting, a noise disturbance coordinator shall be identified to address construction noise concerns received. The coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the disturbance coordinator shall notify the City within 24 hours of the complaint and determine the cause of the noise complaint (construction occurring outside of the posted dates, malfunctioning muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the City. All signs posted at the construction site shall include the contact name and the telephone number for the noise disturbance coordinator.</li> <li>• During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.</li> </ul>  | <p>Provide these specifications in grading and construction plans and implement throughout construction.</p>   | <p>Maintain documentation of the mitigation actions during construction.</p>  | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |
| <b>TRIBAL CULTURAL RESOURCES</b> |   |  |   |   |   |
| <b>MM<br/>TCR-1</b>              | <p>The project applicant shall retain a professional Tribal Monitor procured by the Fernandeano Tataviam Band of Mission Indians to observe all ground-disturbing activities including, but not limited to, clearing, grubbing, excavating, removals associated with removal and recompaction activities, digging, trenching, plowing, drilling, tunneling, quarrying, grading, leveling, driving posts, auguring, stripping topsoil or similar activity. If Tribal Cultural Resources are not encountered after observing the initial pass (the first disturbance of soil to the maximum depth of which it will be disturbed) of all ground-disturbance, continued Tribal Monitoring is not required.</p> <p>If cultural resources are encountered during the initial pass, the Tribal Monitor and qualified archaeologist shall assess the discovery for its significance, as defined in CEQA (e.g., Section 21074), and in consultation with the City, establish a plan on how best to continue monitoring the above-described activities through their completion.</p> <p>Each of the project's activities: Infiltration gallery and pretreatment system; Culvert extension including the diversion structure, and energy dissipator (rock apron); Bank protection (Santa Clara River and Honby channel) and transition/tie-in structures (Cordova levee and Honby box-culvert); Sports Field initial grading and utilities; Railroad Undercrossing; Foundation construction for Sports field lights, Pickle Ball court lights, perimeter lights, parking lot lights; will be observed by one Tribal monitor whether they occur sequentially or simultaneously.</p> <p>Tribal Monitoring Services will continue until confirmation is received from the project applicant, in writing, that all scheduled activities pertaining to Tribal Monitoring are completed. When Tribal monitoring is not needed, the monitor will be notified as soon as the situation is understood. Every effort will be made to notify the Tribal Monitor and or Tribe at least five days before they are needed, however, there may be short-term delays where the notification may only come the day before. Notifications will be made by email, unless other arrangements are made.</p> <p>If tribal cultural resources are encountered, the Tribal Monitor will have the authority to request that ground-disturbing activities cease within 60 feet of discovery and a qualified archaeologist meeting Secretary of Interior standards retained by the project applicant as well as the Tribal Monitor shall assess the find.</p> | <p>Provide these specifications in the grading plan.</p> <p>Conduct monitoring during grading.</p> <p>File post-monitoring report with City Planning Division.</p> | <p>Review monitoring plan during grading plan check and review monitor reports during grading. Review post-monitoring report when grading/ monitoring is completed.</p> | <p>City of Santa Clarita, Public Works Department</p> | <p>City of Santa Clarita, Public Works Department</p> |



| NO.                 | MITIGATION MEASURE  | ACTIONS/<br>TIMEFRAME  | VERIFICATION   | RESPONSIBLE<br>PARTY                           | MONITORING<br>AGENCY OR<br>PARTY                        |
|---------------------|---|--|--|--|---|
| <b>MM<br/>TCR-2</b> | The Lead Agency and/or applicant shall, in good faith, consult with the FTBMI on the disposition and treatment of any Tribal Cultural Resource encountered during all ground disturbing activities.   | As applicable during tribal cultural monitoring  | Implement in the event of any discovery of Tribal Cultural Resources | City of Santa Clarita, Public Works Department |   |
| <b>MM<br/>TCR-3</b> | Inadvertent discoveries of human remains and/or funerary object(s) are subject to California State Health and Safety Code Section 7050.5. Should those findings be determined of Native American in origin, the disposition of those discoveries shall be decided by the Most Likely Descendant (MLD), as determined by the Native American Heritage Commission (NAHC). | Provide these specifications in the grading plan. As applicable during tribal cultural monitoring. |  | City of Santa Clarita, Public Works Department | City of Santa Clarita, Public Works Department and NAHC |