

Mitigation Monitoring and Reporting Program

Introduction

This Mitigation Monitoring and Reporting Program (MMRP) summarizes identified mitigation measures, implementation schedule, and responsible parties for the Sierra College Boulevard Widening between Brace Road and Taylor Road Project (Project). The Town of Loomis (Town) will use this MMRP to ensure that identified mitigation measures, adopted as a condition of project approval, are implemented appropriately. This monitoring program meets the requirements of CEQA Guidelines Section 14074(d), which mandates preparation of monitoring provisions for the implementation of mitigation assigned as part of project approval or adoption.

Mitigation Implementation and Monitoring

The Town will be responsible for monitoring the implementation of mitigation measures designed to minimize impacts associated with the proposed Project. While the Town has ultimate responsibility for ensuring implementation, others may be assigned the responsibility of actually implementing the mitigation. The Town will retain primary responsibility for ensuring that the proposed Project meets the requirements of this MMRP and other permit conditions imposed by participating regulatory agencies.

The Town will designate specific personnel who will be responsible for monitoring implementation of the mitigation that will occur during Project construction. The designated personnel will be responsible for submitting documentation and reports to the Town on a schedule consistent with the mitigation measures and in a manner necessary for demonstrating compliance with mitigation requirements. The Town will ensure that the designated personnel have authority to require implementation of mitigation requirements and will be capable of terminating project construction activities found to be inconsistent with mitigation objectives or project approval conditions.

The Town and its appointed contractor will also be responsible for ensuring that its construction personnel understand their responsibilities for adhering to the performance requirements of the MMRP and other contractual requirements related to the implementation of mitigation as part of Project construction. In addition to the prescribed mitigation measures, the following table lists each environmental resource area being affected, the party responsible for ensuring implementation of the mitigation measure, and the corresponding monitoring and reporting requirement.

Mitigation Enforcement

The Town will be responsible for enforcing mitigation measures. If alternative measures are identified that would be equally effective in mitigating the identified impacts, implementation of these alternative measures will not occur unless and until agreed upon by the Town.

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Impact Area	Mitigation Measure	Responsible Party	Implementation Timing	Monitoring Activity
Air Quality	<p>Mitigation Measure AQ-1: Survey for Naturally-occurring Asbestos.</p> <p>Prior to the approval of grading or improvement plans, the applicant shall retain a qualified geologist or geotechnical engineer to conduct additional geologic evaluations of the project site to determine the presence or absence of naturally-occurring asbestos onsite. These evaluations shall be completed and submitted to the Placer County Air Pollution Control District (PCAPCD) prior to issuance of any grading and/or improvement plans.</p>	Contractor	Prior to construction	The Town will confirm completion of Survey prior to issuance of any grading or improvement plans.
	<p>Mitigation Measure AQ-2: Abate Naturally-occurring Asbestos.</p> <p>If naturally-occurring asbestos is located onsite, the following measures shall be implemented prior to the approval of grading/improvement plans:</p> <ul style="list-style-type: none"> ▪ The applicant shall prepare an Asbestos Dust Mitigation Plan pursuant to CCR Title 17 Section 93105 (“Asbestos Airborne Toxic Control Measures for Construction, Grading, Quarrying, and Surface Mining Operations”) and obtain approval by the PCAPCD. The Plan shall include all measures required by the State of California and the PCAPCD. Refer to the following website for additional information: https://www.placer.ca.gov/1616/Naturally-Occurring-Asbestos. ▪ If asbestos is found in concentrations greater than 5 percent, the material shall not be used as surfacing material as stated in state regulation CCR Title 17 Section 93106 (“Asbestos Airborne Toxic Control Measure-Asbestos Containing Serpentine”). The material with naturally-occurring asbestos can be reused at the site for sub-grade material covered by other non-asbestos-containing material. 	Contractor	Prior to construction	The Town will confirm receipt of Plan (if applicable) prior to issuance of any grading or improvement plans.

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Impact Area	Mitigation Measure	Responsible Party	Implementation Timing	Monitoring Activity
Biological Resources	<p><i>Mitigation Measure BIO-1: Conduct Worker Environmental Awareness Training (WEAT).</i></p> <p>Before any work occurs in the proposed Project area, including grading and equipment staging, all construction personnel shall participate in an environmental awareness training regarding special-status species and sensitive habitats present in the proposed Project limits. If new construction personnel are added to the proposed Project, they must receive the mandatory training before starting work. As part of the training, an environmental awareness handout will be provided to all personnel that describes and illustrates sensitive resources (i.e., waters of the U.S. and state, riparian habitat, special-status species and habitat, nesting birds/raptors) to be avoided during proposed Project construction and lists applicable permit conditions identified by state and federal agencies to protect these resources.</p>	Contractor/ Qualified Biologist	Prior to construction	<p>Contractor will submit WEAT sign-in sheets to the Town.</p> <p>The Town will confirm completion of WEAT at the onset of construction activities.</p>
	<p><i>Mitigation Measure BIO-2: Install Temporary Fencing around Environmentally Sensitive Habitat.</i></p> <p>Before any ground-disturbing activity occurs within the proposed Project area, temporary construction barrier fencing, silt fencing, and/or flagging shall be installed between the work area and environmentally sensitive habitat areas (i.e., waters of the U.S. and state, riparian vegetation, special-status species habitat, active bird/raptor nests to be avoided), as appropriate. Construction personnel and construction activity shall avoid fenced-off sensitive areas. The exact location of the fencing and/or flagging shall be determined in coordination with a qualified biologist, with the goal of protecting sensitive biological habitat and water quality. The fencing/flagging shall be checked regularly and maintained until all construction is complete.</p>	Contractor to install fencing, in coordination with Qualified Biologist	Prior to construction	Town representative will check fencing/flagging regularly. Maintenance and repairs will be completed by Contractor.

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	<p><i>Mitigation Measure BIO-3: Conduct a Preconstruction Nesting Migratory Bird and Raptor Survey.</i></p> <p>If vegetation removal will occur during the breeding season for migratory birds and raptors (generally February through August), a qualified biologist shall conduct a pre-construction nesting bird and raptor survey prior to the start of vegetation removal and construction activities (including equipment staging). The preconstruction survey shall be conducted no more than 14 days before the initiation of construction activities or vegetation removal. As a part of this survey, all protocol-level survey requirements as described in the Recommended Timing and Methodology for Swainson’s Hawk Nesting Surveys in California Central Valley (Swainson’s Hawk Technical Advisory Committee 2000) will be adhered to.</p> <p>If an active bird or raptor nest is identified within the construction work area or an active raptor nest is identified within 250 feet from the construction work area, a no-disturbance buffer shall be established around the nest to avoid disturbance of the nesting birds or raptors until a qualified biologist determines that the young have fledged and are foraging on their own. The extent of these buffers shall be determined by the biologist and shall depend on the species identified, level of noise or construction disturbance, line-of-sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. If no active nests are found during the preconstruction surveys, then no buffers or additional mitigation is required.</p>	Qualified Biologist	Prior to construction	The Town will submit results of preconstruction surveys to applicable permitting agencies.
	<p><i>Mitigation Measure BIO-5: Compensate for Riparian Habitat and Tree Loss.</i></p> <p>Removal of all riparian trees with a dbh of 4-inches or greater will be offset through purchase of mitigation credits or through replanting of comparable native vegetation onsite and/or offsite as directed by CDFW in the Streambed Alteration Agreement. The compensatory mitigation ratio and approach will be determined in coordination with CDFW, but the ratio will be 1:1 at a minimum.</p>	Town	Prior to construction	The Town will submit evidence of compensatory mitigation to applicable permitting agencies.

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	<p><i>Mitigation Measure BIO-6: Achieve No Net-loss of Wetlands.</i></p> <p>The Project will comply with Chapter 13.58 of the Town Municipal Code, which provides procedures and standards for identifying and protecting wetland resources and for permitting wetland restoration, enhancement, and mitigation projects. Section 13.58.030 requires compliance with federal and state requirements, including obtaining a CWA Section 404 permit, CWA Section 401 permit, and a CFGC Section 1602 permit, as applicable.</p>	Town	Prior to construction	The Town will submit evidence of compensatory mitigation to applicable permitting agencies.
Cultural and Tribal Cultural Resources	<p><i>Mitigation Measure CUL-1: Conduct Worker Environmental Awareness Training (WEAT).</i></p> <p>Prior to any excavation or other substantial subsurface disturbance activities, any individuals conducting the work shall be given a cultural resource awareness training session and advised to watch for cultural resource materials during construction activities. The program will include relevant information regarding sensitive tribal cultural resources, including applicable regulations, protocols for avoidance, and consequences of violating State laws and regulations. The worker cultural resources awareness program will also describe appropriate avoidance and minimization measures for resources that have the potential to be located on the project site and will outline what to do and whom to contact if any potential archaeological resources or artifacts are encountered. The program will also underscore the requirement for confidentiality and culturally-appropriate treatment of any find of significance to Native Americans and behaviors, consistent with Native American Tribal values. This training can be conducted concurrently with WEAT for sensitive biological resources (Mitigation Measure BIO-1).</p>	Contractor/ Qualified Archaeologist	Prior to construction	<p>Contractor will submit WEAT sign-in sheets to the Town.</p> <p>The Town will confirm completion of WEAT at the onset of construction activities.</p>

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	<p><i>Mitigation Measure CUL-2: Protect Discovered Subsurface Resources.</i></p> <p>If any evidence of prehistoric cultural resources (freshwater shells, beads, bone tool remnants or an assortment of bones, soil changes including subsurface ash lens or soil darker in color than surrounding soil, lithic materials such as flakes, tools or grinding rocks, etc.) or historical cultural resources (adobe foundations or walls, structures and remains with square nails, refuse deposits or bottle dumps, often associated with wells or old privies) are observed during ground disturbing activities, all work must immediately cease within 100 feet of the find, and a qualified archaeologist and Native American Representatives must be consulted to assess the significance of the cultural materials. If the find is determined to be potentially significant, the archaeologist, in consultation with the Town and—if the find is prehistoric or Native American in nature—appropriate Native American group(s), shall develop and implement a treatment plan with an emphasis toward preservation in place.</p>	Contractor	During construction (upon discovery)	Contractor will report and document any discovered subsurface resources to the Town, who will take appropriate additional measures, as needed.
	<p><i>Mitigation Measure CUL-3: Procedures for Human Remains.</i></p> <p>In accordance with the California Health and Safety Code, Section 7050.5, and the Public Resources Code 5097.98, regarding the discovery of human remains, if human remains are discovered during construction, all work must immediately cease, and the Placer County coroner must be contacted. If the Coroner determines that the remains are those of a Native American, the Coroner shall contact the Native American Heritage Commission (NAHC) and subsequent procedures shall be followed, according to State Public Resources Code Sections 5097.9 to 5097.99, regarding notification of the Native American Most Likely Descendant.</p>	Contractor	During construction (upon discovery)	Contractor will report and document any discovered human remains to the Town and County Coroner, who will take appropriate additional measures, as needed.