

Mitigation and Monitoring Plan: Placerville Drive Bicycle and Pedestrian Facilities Project

Mitigation Measure	Environmental Protection Measures	Timing	Implementing Party	Monitoring Party	Frequency and Duration	Performance Criteria
AES-1	The City will develop a signage plan to include locations of historical Lincoln Highway signs with the project area. The City shall coordinate with the Lincoln Highway Association on appropriate/historically accurate placements of the signage.	Prior to/During construction	Construction Contractor	The City of Placerville	Coordinate with the Lincoln Highway Association prior to construction	
AES-2	The City shall limit direct light to the maximum extent feasible by shielding and directing lights to only that required for operations and safety, including the installation of luminaire glare shields.	During construction	Construction Contractor	The City of Placerville	Implement measure during construction	
BIO-1	<p>To ensure there are no effects on nesting birds, a qualified biologist shall conduct preconstruction tree surveys of the trees to be removed, and within 100 feet of the project construction area. Survey work shall be done no more than 2 days prior to initiation of construction to minimize potential that nests are initiated after the survey and prior to the start of construction. If any occupied nests are detected the tree will be flagged, a minimum buffer of 100 feet between the nest and construction zone shall be established, unless determined otherwise by CDFW, and that area shall be avoided until the qualified biologist has determined the nest is no longer active/occupied. Once the biologist has determined that young have fledged and the nest is no longer active, construction can resume in that area.</p> <p>If no active nests are identified during the preconstruction survey, no further mitigation is necessary. If construction activities (i.e., vegetation and tree removal) are scheduled to begin during the non-breeding season (September–January), preconstruction surveys would not be necessary.</p>	Prior to/During construction	Qualified Biologist /Construction Contractor	The City of Placerville/CDFW	Preconstruction Survey: no more than 2 days prior to initiation of construction	
BIO-2	<p>The following avoidance and minimization measures will be implemented prior to and during construction to avoid and minimize potential impacts to the City of Placerville Woodland and Forest Conservation Plan.</p> <ul style="list-style-type: none"> • Prior to removal of any trees, the project proponent shall acquire a Woodland Alteration Permit from the City. • Prior to removal of any trees, an ISA Certified Arborist shall conduct a tree survey in areas that may be impacted by construction activities. This survey shall document tree resources that may be adversely impacted by implementation of the proposed project. The survey will follow standard professional practices. • Existing trees shall be retained to the maximum extent feasible. A Tree Protection Zone (TPZ) shall be established on the bare ground around any tree or group of trees to be retained. The TPZ will be delineated by an ISA Certified Arborist. The TPZ shall be defined by the radius of the dripline of the tree(s) plus one foot. The TPZ of any protected trees shall be demarcated using fencing that will remain in place for the duration of construction activities. • Construction-related activities shall be limited within the TPZ to those activities that can be done by hand. No heavy equipment or machinery shall be operated within the TPZ; if this is not possible, a six-inch layer of bark mulch shall be placed where the equipment shall be under the dripline in order to protect the root system from too much compaction. Grading shall be prohibited within the TPZ. No construction materials, equipment, or heavy machinery shall be stored within the TPZ. 	Prior to/During construction	ISA Certified Arborist /Construction Contractor	The City of Placerville	Preconstruction tree survey	

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	<ul style="list-style-type: none"> The City will mitigate tree removal by replacing removed trees at a 1:1 ratio. All replacement trees would be oak or other native tree species for the area and the survivability of the trees shall be monitored. 					
CUL-1	<p>If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. Depending on the nature of the find, a qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric or historic archaeology, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, as necessary:</p> <ul style="list-style-type: none"> If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately, and no agency notifications are required. If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, he or she shall immediately notify the lead agency. If the find is determined to be eligible for inclusion in the National Register or California Register, the lead agency shall consult on a finding of eligibility and implement appropriate treatment measures. Work may not resume within the no-work radius until the lead agency, through consultation as appropriate, determines that the site either: 1) is not eligible for the National Register or California Register; or 2) that the treatment measures have been completed to its satisfaction. If the find includes human remains, or remains that are potentially human, he or she shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641). The archaeologist shall notify the El Dorado County Coroner (in accordance with § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California PRC, and AB 2641 will be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the Native American Heritage Commission (NAHC), which then will designate a Native American Most Likely Descendant (MLD) for the project (§ 5097.98 of the PRC). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the PRC). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the PRC). This will also include either recording the site with the NAHC or the appropriate information center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction. 	During construction	Qualified Professional Archaeologist/ Construction Contractor	The City of Placerville	<p>The construction crew shall immediately cease work in the vicinity of the find.</p> <p>If Human Remains, the archaeologist will notify the El Dorado County coroner.</p> <p>If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the Native American Heritage Commission (NAHC), which then will designate a Native American Most Likely Descendant (MLD)</p>	
GEO-1	<p>If paleontological resources are discovered during earth-moving activities, the construction crew shall immediately cease work in the vicinity of the find and shall notify the City planning department. The project applicant shall retain a qualified paleontologist to evaluate the resource and prepare a proposed mitigation plan in accordance with Society of Vertebrate Paleontology (SVP) guidelines (1995). The proposed mitigation plan may include a field survey, construction monitoring, sampling and data recovery procedures, museum storage coordination for any specimen recovered, and a report of findings. Recommendations determined by the lead agency to be necessary and feasible shall be implemented before construction activities can resume at the site where the paleontological resources were discovered.</p>	During construction	Qualified Paleontologist/ Construction Contractor	The City of Placerville	The construction crew shall immediately cease work in the vicinity of the find.	

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NO-1	<p>No adverse noise impacts from construction are anticipated because construction shall be conducted in accordance with Caltrans Standard Specifications Section 14-8.02. Construction operations shall be during daylight hours only (Monday to Friday, 7:00 AM to 7:00 PM) for all construction activities that have the potential to affect sensitive receptors. The following control measures shall be implemented in order to minimize noise and vibration disturbances during periods of construction:</p> <ul style="list-style-type: none"> • Use newer equipment with improved muffling and ensure that all equipment items have the manufacturers' recommended noise abatement measures, such as mufflers, engine enclosures, and engine vibration isolators intact and operational. All construction equipment shall be inspected at periodic intervals to ensure proper maintenance and presence of noise control devices (e.g., mufflers and shrouding). • Utilize construction methods or equipment providing the lowest level of noise and ground vibration impact feasible, such as alternative low noise pile installation methods. • Turn off idling equipment. 	During construction	Construction Contractor	The City of Placerville	Implement measure during construction	
PUB-1	<p>Construction Period Emergency Access Plan. Prior to the start of construction, the contractor shall coordinate with the Placerville Police Department, El Dorado County Sheriff's Office, El Dorado County Fire District, and local public and private ambulance and paramedic providers in the area to prepare a Construction Period Emergency Access Plan. The Construction Period Emergency Access Plan shall identify phases of the Project and construction scheduling and shall identify appropriate alternative emergency access routes.</p>	Prior to construction	Construction Contractor	The City of Placerville	Coordinate and develop Construction Period Emergency Access Plan	
TCR-1	<p>If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC §21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary.</p> <p>When avoidance is infeasible, preservation in place is the preferred option for mitigation of TCRs, and every effort shall be made to preserve the resources in place, including through project redesign, if feasible. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, or returning objects to a location within the project area where they will not be subject to future impacts. Permanent curation of TCRs will not take place unless approved in writing by the California Native American Tribe that is traditionally and culturally affiliated with the project area.</p> <p>The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary. Treatment that preserves or restores the cultural character and integrity of a TCR may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.</p>	During construction	A Tribal Representative from a California Native American / Construction Contractor	The City of Placerville	<p>The construction crew shall immediately cease work in the vicinity of the find.</p> <p>The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary.</p>	

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FIRE-1	<p>Fire Safety Plan. Prior to the start of construction, the contractor shall coordinate with the EDCFD to prepare a Fire Safety Plan for use during construction. The Fire Safety Plan shall contain notification procedures and emergency fire precautions including, but not limited to, the following:</p> <ul style="list-style-type: none"> • Dry grass shall be cut low or removed from construction equipment staging areas. • All internal combustion engines, stationary and mobile, shall be equipped with spark arresters. Spark arresters shall be in good working order. • Light trucks and cars with factory-installed (type) mufflers shall be used only on roads where the roadway is cleared of vegetation. Said vehicle types shall maintain their factory-installed (type) muffler in good condition. • Equipment parking areas (staging areas) shall be cleared of all extraneous flammable materials. • Personnel shall be trained in the practices of the Fire Safety Plan relevant to their duties. Construction personnel shall be trained and equipped to extinguish small fires in order to prevent them from growing into more serious threats. • Smoking shall be prohibited in wildland areas and shall be limited to paved areas or areas cleared of all vegetation. 	Prior to/During construction	Construction Contractor	The City of Placerville	Coordinate and prepare a Fire Safety Plan for use during construction	