

# Mitigation Monitoring and Reporting Program

## Los Angeles Trans-Pacific Telecommunications Cable Hub

State Clearinghouse No. 2016101050

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## 1.0 PURPOSE

The purpose of this Mitigation Monitoring and Reporting Program (MMRP) is to ensure that the Los Angeles Trans-Pacific Telecommunications Cable Hub (Project) implements environmental mitigation, as required by the Final Environmental Impact Report (EIR) for the proposed Project. Those mitigation measures have been integrated into this MMRP. The MMRP provides a mechanism for monitoring the mitigation measures in compliance with the EIR, and general guidelines for the use and implementation of the monitoring program are described below.

This MMRP is written in accordance with *California Public Resources Code 21081.6 and Section 15097 of the California Environmental Quality Act (CEQA) Guidelines*. *California Public Resources Code Section 21081.6* requires the Lead Agency, for each project that is subject to CEQA, to adopt a reporting or monitoring program for changes made to the project, or conditions of approval, in order to mitigate or avoid significant effects on the environment and to monitor performance of the mitigation measures included in any environmental document to ensure that implementation takes place. The City of Los Angeles, Department of Public Works, Bureau of Engineering is the designated Lead Agency for the MMRP. The Lead Agency is responsible for review of all monitoring reports, enforcement actions, and document disposition. The Lead Agency will rely on information provided by the Applicant as accurate and up to date and will field check mitigation measure status as required.

The City may modify how it would implement a mitigation measure, as long as the alternative means of implementing the mitigation still achieve the same or greater impact reduction. Copies of the measures shall be distributed to the participants of the monitoring effort to ensure that all parties involved have a clear understanding of the mitigation monitoring measures adopted.

## 2.0 FORMAT

Mitigation measures applicable to the Project include avoiding certain impacts altogether, minimizing impacts by limiting the degree or magnitude of the action and its implementation, and/or requiring supplemental structural controls. Within this document, approved mitigation measures are organized and referenced by subject category. Each of the mitigation measures has a numerical reference. The following items are identified for each mitigation measure.

- **Mitigation Language and Numbering:** provides the language of the mitigation measure in its entirety;
- **Methods for Verification/Documentation:** the MMRP includes the procedures for verifying and documenting mitigation implementation efforts. The Project proponent is responsible for implementation of all mitigation measures; and
- **Mitigation Timing:** the mitigation measures required for the Project would be implemented at various times before construction, during construction, prior to Project completion, or during Project operation;
- **Responsible Parties:** for each mitigation measure, the party responsible for implementation, reporting, and verifying successful completion of the mitigation measure is identified.

At the conclusion of construction, a Monitoring Report shall be submitted to the City of Los Angeles containing the required documentation stated in the MMRP.

**Table 1: Mitigation Monitoring and Reporting Program**

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><b>MM AIR-1: Emission Reduction Measure.</b> The maximum daily emissions scenarios for construction activities show that the Project could exceed the SCAQMD thresholds for NOx. The following mitigation measures focus on reducing emissions from marine activity and terrestrial construction equipment. The Project shall apply the applicable standard mitigations for emission reduction:</p> <ul style="list-style-type: none"> <li>• Develop and implement a comprehensive inspection and maintenance program for Project vessels, as well as heavy-duty, land-based equipment and trucks; and</li> <li>• Use support vessels that meet the Tier 2 emission requirements or better, if available (IMO 2008).<sup>1</sup></li> </ul>	<p><i>Program Development:</i> Documentation of Inspection and Maintenance Program</p>	<p>Four weeks prior to initiating construction</p>	<p>Applicant</p>
<p><b>MM TBIO-1: El Segundo Blue Butterfly Habitat Avoidance and Pre-construction Survey.</b> Prior to implementation of Project-related activities, the Applicant shall retain a qualified biologist to conduct a pre-construction, presence / absence protocol survey of the final Project alignment and a 300-foot buffer, where accessible. All areas where the host plant, dune buckwheat, for the El Segundo blue butterfly is present shall be mapped. The boundaries of work areas within 300 feet of suitable butterfly habitat shall be clearly delineated under the supervision of the qualified biologist prior to initiation of construction activities.</p>	<p>Results of the suitable habitat survey from a qualified biologist (i.e. map of habitat area and associated buffer)</p> <p>Photographs of delineated work areas and construction activities within those work areas in Monitoring Report</p>	<p>One habitat survey completed prior to implementation of activities in the vicinity of El Segundo blue butterfly habitat</p>	<p>Applicant</p>

<sup>1</sup> IMO (International Maritime Organization). 2008. *Nitrogen Oxides (NOx) – Regulation 13*. Accessed: January 18, 2017. Retrieved from: [http://www.imo.org/en/OurWork/Environment/PollutionPrevention/AirPollution/Pages/Nitrogen-oxides-\(NOx\)-%E2%80%93-Regulation-13.aspx](http://www.imo.org/en/OurWork/Environment/PollutionPrevention/AirPollution/Pages/Nitrogen-oxides-(NOx)-%E2%80%93-Regulation-13.aspx)

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>Parking, lay down, storage and staging areas, access, and other areas where ground disturbance would occur shall be located outside areas containing dune buckwheat. Where feasible, installation of terrestrial conduit within 300 feet of suitable butterfly habitat would be completed from late September to early June, outside the flight period of adult El Segundo blue butterflies.</p>			
<p><b>MM TBIO-2: Worker Environmental Awareness Training.</b> The Applicant shall retain a qualified biologist to conduct mandatory contractor/worker awareness training for Project personnel. The awareness training would be provided to all personnel to brief them on the identified location of sensitive biological resources, including how to identify species (visual and auditory) most likely to be present, the need to avoid impacts on biological resources, and to brief them on the penalties for not complying with biological mitigation requirements. If new personnel are added to the Project, the Applicant would provide them with mandatory training before starting work.</p>	<p>Worker Awareness Training materials Sign-in sheet for attendees in Monitoring Report</p>	<p>Prior to the start of construction and prior to any new personnel performing construction activities</p>	<p>Applicant</p>
<p><b>MM TBIO-3: Silvery Legless and Coast Horned Lizard Pre-construction Surveys and Avoidance Measures.</b> Prior to implementation of Project-related activities in undisturbed portions of the site, the Project proponent shall retain a qualified biologist to determine whether suitable habitat for the silvery legless or coast horned lizard occurs within 250 feet of the proposed impact area. If suitable habitat exists, clearance surveys shall be performed by a qualified biologist in a manner to maximize detection of lizards (i.e., during warm weather, walking slowly). Clearance surveys shall be conducted daily and prior to the start of construction in areas of suitable habitat. If silvery legless or coast horned lizards are discovered within work areas, they</p>	<p>Results of the suitable habitat survey from a qualified biologist (i.e. map of habitat area and associated buffer)</p> <p><b>If required based on results of suitable habitat survey:</b> <i>Clearance Surveys:</i> Clearance forms documenting results of daily clearance surveys in</p>	<p><i>Suitable Habitat Survey:</i> One habitat survey should be completed prior to implementation of activities within undisturbed portions of the site (i.e., not paved)</p> <p><b>If required based on results of suitable habitat survey:</b> <i>Clearance Surveys:</i> Daily prior to the start of</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>shall be actively moved or passively encouraged to leave the work area by a qualified biologist. Workers shall observe a 10 mile per hour speed limit when driving overland, within suitable habitat areas, to allow any lizards to move out of the way of the vehicles.</p>	<p>Monitoring Report  <i>Speed Limit: Worker Awareness Training sign-in sheet in Monitoring Report</i>                      Posted speed limit</p>	<p>construction in areas of suitable habitat  <i>Speed Limit: Ongoing during construction activities within suitable habitat areas</i></p>	
<p><b>MM TBIO-4: Trench Management Measures.</b> In the event that a trench must be left open at the end of a day’s trenching activities, the end of any open walls shall be ramped at an approximate 2:1 slope to allow any wildlife that enters the excavation to escape. A qualified biologist may approve the use of alternative ramping structures, such as boards, where earthen ramps are not feasible. All open excavations shall be inspected by a qualified biologist, prior to the start of construction, to determine if trapped wildlife is present. Trapped wildlife shall be relocated by a qualified biologist, out of harm’s way, or transported to a local wildlife rehabilitation facility or veterinarian as needed. The appropriate resource agencies shall be notified as required by the Project permit conditions.</p>	<p>Inspection confirmation from qualified biologist in Monitoring Report                       Notification records, if applicable in Monitoring Report</p>	<p>Daily inspections prior to the start of construction in the excavated area left open overnight</p>	<p>Applicant</p>
<p><b>MM TBIO-5: Migratory Bird Pre-construction Surveys.</b> If vegetation clearing, ground disturbance, and/or construction activities would occur during the migratory bird nesting season (February 1 to August 31), pre-construction surveys to identify active migratory bird nests shall be conducted by a qualified biologist within 14 days of construction initiation. Focused surveys must be performed by a qualified biologist for the purposes of determining the presence/absence of active nest sites within the proposed impact area and a 500-foot buffer, where feasible.                       If active nest sites are identified within 500 feet of</p>	<p><i>Pre-construction Survey:</i>                      Results of the pre-construction survey from a qualified biologist   <b>If required based on results of pre-construction survey:</b>  <i>Buffer Zone:</i> Photographs of delineation of no disturbance buffer zone, as determined by a qualified biologist in Monitoring</p>	<p><i>Pre-construction Survey:</i>                      Within 14 days prior to the start of vegetation clearance, ground disturbance and/or construction activities if occurring during the migratory bird nesting season (February 1 to August 31)   <b>If required based on results of pre-construction</b></p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>Project-related activities, the Project shall impose a no disturbance buffer zone for all active nest sites prior to commencement of any Project-related construction activities to avoid construction or access-related disturbances to migratory bird nesting activities. The buffer constitutes an area where Project-related activities (i.e., vegetation removal, earth moving, and construction) cannot occur until the nest is deemed inactive. Activities permitted within and the size of the no disturbance buffer shall be established by a qualified biologist based on the birds’ behavior, nest location, surrounding landscape features, and proposed site activities in the vicinity.</p>	<p>Report</p>	<p><b>survey:</b> <i>Buffer Zone:</i> Prior to the start of any construction activities within 500-feet of an active nest</p>	
<p><b>MM TBIO-6: Artificial Lighting.</b> Artificial lighting of work areas during nighttime hours shall be minimized to the maximum extent practicable. When nighttime lighting is necessary, appropriate light and glare screening measures shall be implemented including the use of downward cast lighting.</p>	<p>Photographs of nighttime lighting in Monitoring Report</p>	<p>During nighttime construction</p>	<p>Applicant</p>
<p><b>MM MBIO-1: Prepare and Implement Marine Wildlife Monitoring and Contingency Plan (MWMCP).</b> The Applicant shall prepare and implement a MWMCP that shall apply to cable installation and repair activities within the Project area, and consist of the following elements, procedures, and response actions:</p> <ul style="list-style-type: none"> <li>• Awareness training for Project vessel crew that includes identification of common marine wildlife and avoidance procedures included in the MWMCP for Project activities.</li> <li>• Provision of two qualified shipboard marine mammal observers to conduct observations during cable installation activity. The MWMCP will include qualifications of and required equipment for the observers.</li> </ul>	<p>Marine Wildlife Monitoring and Contingency Plan and Monitoring Report</p>	<p><i>MWMCP:</i> Submitted to the City of Los Angeles and CCC at least 60 days prior to the start of marine installation activities</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<ul style="list-style-type: none"> <li>Project-specific monitoring procedures, including recommended avoidance radii and stop-work authority for the observers.</li> <li>Project-specific control measures for Project vessels (including support boats) and actions to be undertaken when marine wildlife is present, such as reduced vessel speeds or suspended operations.</li> <li>Reporting requirements and procedures for wildlife sightings and/or contact, and post-installation reporting. The MWMCP would also identify the resource agencies that are to be contacted in case of marine wildlife incidents and that will receive reports at the conclusion of Project installation.</li> <li>The MWMCP shall be submitted to the City of Los Angeles and CCC at least 60 days prior to the start of marine installation activities for review.</li> </ul>			
<p><b>MM MBIO-2: Burial Verification Report and Survey.</b>                      Cable Installation Report. After cable installation has been completed, the Applicant shall submit a cable installation report to the City of Los Angeles documenting the Project activities and as-laid cable condition within 60 days of cable installation. The report is to include the burial status of the cable recorded during the installation and PLIB, and identify areas where the cable is not buried, including suspended cable greater than 3 ft (1 m) above the seafloor.</p> <p>Information on the as-laid cable alignment shall also be provided to the CCC, California State Lands Commission, and the NOAA Hydrographic Service.</p> <p>Burial Verification Survey(s). Five years after cable installation, the cable shall be surveyed from the HDD</p>	<p><i>Cable Installation Report:</i>                      Report documenting the Project activities and as-laid cable condition</p> <p><i>Burial Verification Survey(s):</i>                      Report summarizing results of the survey and cable burial status</p>	<p><i>Cable Installation Report:</i>                      Submission of report to the City of Los Angeles within 60 days of cable installation within the Project area</p> <p>Information on the as-laid cable alignment shall also be provided to the CCC, California State Lands Commission, and the NOAA Hydrographic Service following cable installation</p> <p><i>Burial Verification Survey(s):</i>                      Survey to be completed</p>	<p><i>Cable Installation Report:</i>                      Applicant</p> <p><i>Burial Verification Survey(s):</i> Cable Owner</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>bore pipe seaward terminus to the end of the buried area (estimated at 3,937 ft [1,200 m] water depth) to verify that the cable has remained buried consistent with the as-built cable installation report. A qualified party using an ROV equipped with video capability shall conduct the survey. Within 30 days of survey completion, the Applicant shall submit a report to the appropriate regulatory agencies describing the results of the survey and a copy of the video recorded during the cable survey. The video documentation shall include a display that identifies the date, time, position, water depth, and heading of the ROV. If the survey shows that a buried segment(s) of a cable is no longer buried, the Responsible Party shall, within 30 days of survey completion, submit a plan to the appropriate regulatory agencies for approval to re-bury those cable segments. Upon approval of the plan, the Applicant shall implement the plan in accordance with the time schedule specified therein.</p> <p>Based on the results of the burial verification survey, the City of Los Angeles and CCC would determine whether subsequent surveys are necessary, and at what interval. Burial verification surveys conducted on other fiber optic cable projects have generally not observed changes in installed cable positions or burial status, as documented in multiple cycles of burial verification surveys for cables systems installed in California since 2000 (CCC 2016).<sup>2</sup> Therefore, the need for routine burial inspection surveys to verify burial status would be reviewed by City of Los Angeles and CCC and determined from the findings of the five-year survey.</p>		<p>five years after cable installation. Report to be submitted within 30 days of survey completion.</p>	

<sup>2</sup> CCC (California Coastal Commission). 2016. *Addendum to Staff Report for Application No. 9-16-0160/CC-0001-16, MC Global BP4.*

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><b>MM MBIO-3: Fishing Gear Retrieval.</b> In the event that fishermen snag and sacrifice gear on a Project cable, or other types of entanglement occur on a Project cable within the Project area, the Applicant shall use all feasible measures to retrieve the fishing gear or object, if doing so would not pose a risk to the operability of the cable or safety of the vessel and crew attempting to retrieve the snagged or sacrificed gear. The Applicant shall notify the appropriate regulatory agencies within 48 hours of its knowledge of gear loss or other cable entanglement. Retrieval efforts shall occur no later than six weeks after discovering or receiving notice of the incident, unless otherwise authorized by the regulatory agencies. If full removal of gear is not feasible, the Applicant shall remove as much gear as practicable to minimize harm to wildlife (e.g., fishes, birds, and marine mammals). Within two weeks of completing the recovery operation, the Applicant shall submit to the regulatory agencies a report describing (a) the nature of and location of the entanglement (with a map) and (b) the retrieval method used for removing the entangled gear or object or the method used for minimizing harm to wildlife if gear retrieval proves infeasible.</p>	<p>Report describing (a) the location of the entanglement and (b) gear retrieval status and disposition</p>	<p><i>Notification:</i> Within 48 hours of discovering or receiving notice of gear entanglement</p> <p><i>Retrieval Efforts:</i> Within six (6) weeks of discovering or receiving notice of an entanglement incident</p> <p><i>Reporting:</i> Within two (2) weeks of completing recovery operation</p>	<p>Cable Owner</p>
<p><b>MM MBIO-4: Release detection and monitoring during HDD.</b> The Applicant’s HDD procedures shall include protocols for using fluorescent dye in the drilling fluid and monitors to detect a release of drilling fluid to marine waters. These protocols shall include:</p> <ul style="list-style-type: none"> <li>• Identification of dye to be used;</li> <li>• Instrumentation and methods for using and detecting the dye in the environment;</li> <li>• Monitoring and sampling methods for beach, surf and open water zones; and</li> <li>• Action levels and procedures for release</li> </ul>	<p>Inadvertent Release Contingency Plan</p>	<p>Submit to City of Los Angeles and CCC 60 days prior to commencing HDD operations.</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>scenarios.</p> <p>Monitoring protocols shall be incorporated into the Inadvertent Release Contingency Plan and submitted to the City of Los Angeles and CCC 60 days prior to commencing HDD operations. The monitoring protocols shall be implemented during HDD operations for the marine bores.</p>			
<p><b>MM MBIO-5: Grunion Run Monitoring.</b> If HDD occurs during the seasonally predicted grunion run and egg incubation period (generally April through August), then prior to construction activities on the beach, the Applicant shall obtain a qualified biologist to conduct a survey of the Project site to determine presence of California grunion. If the biologist determines that grunion are present and/or spawning in the area adjacent to the proposed HDD activity, no HDD shall be permitted until the end of the egg incubation period for the most recent grunion run in which grunion were observed. Surveys shall be conducted for all seasonally predicted run periods. The Applicant shall have the biologist provide inspection reports after each grunion run observed and shall provide copies of such reports to the City of Los Angeles and CCC.</p>	<p>Results of presence survey conducted by qualified biologist in Monitoring Report</p>	<p>Prior to initial construction activities at the beach if during the predicted grunion run and egg incubation period (generally April through August) and prior to all seasonally predicted run periods</p>	<p>Applicant</p>
<p><b>MM MBIO-6: Post-Lay Hard Bottom Report.</b> Within 60 days of completion of cable installation, the Applicant shall submit to the City of Los Angeles and CCC a report quantifying the extent of hard bottom substrate that was impacted by cable installation. The report, which may be submitted with the Cable Installation Report (see MM MBIO-2), would use data collected during cable installation and/or post-lay burial operations to determine areas where the cable is in direct contact with or is suspended above hard bottom substrate. The report shall quantify the extent of</p>	<p>Post Lay-Hard Bottom Report</p>	<p>Submit to City of Los Angeles and CCC within 60 days of completion of cable installation within the Project area</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p>exposed rocky substrate, out to the edge of the outer continental shelf (3,937 ft [1,200 m] water depth contour, or “isobath”).</p>			
<p><b>MM MBIO-7: Hard Bottom Mitigation Fee.</b> The Applicant shall compensate for Project-related impacts on hard bottom habitat through payment of a compensatory hard bottom mitigation fee using a methodology applied to recent California fiber optic cable projects by the CCC (CCC 2016a). The fees are used to remove derelict fishing gear and other marine debris from waters in the SCB, and implemented pursuant to a Memorandum of Agreement by and between the CCC and the Regents of the University of California on behalf of the UC Davis Wildlife Health Center’s California Lost Fishing Gear Recovery Project. Hard bottom impacts will be quantified for water depths up to 3,937 ft (1,200 m) based on the results of the hard bottom report (MM MBIO-6) and in consultation with the CCC. The fee shall be paid to the UC Davis Wildlife Center within 30 calendar days of the approval of the results of the hard bottom report (MM MBIO-6) by the City of Los Angeles and CCC. The Responsible Party shall provide evidence of this payment to the City of Los Angeles and CCC within the same timeframe.</p>	<p>Evidence of payment to the UC Davis Wildlife Center</p>	<p>Within 30 calendar days of approval of the hard bottom report</p>	<p>Cable Owner</p>
<p><b>MM CR-1: Cultural and Paleontological Resources Management Plan.</b> The Project shall develop a Cultural and Paleontological Resource Management Plan, for submission to the City of Los Angeles 60 days prior to commencing construction activities. The Plan would outline measures to be taken prior to and during Project construction, including cultural monitoring, awareness training, and procedures for responding to unanticipated finds. Additional detail on each of these elements is provided below.</p>	<p>Cultural and Paleontological Resource Management Plan</p>	<p>Submit to the City of Los Angeles 60 days prior to commencing construction activities</p> <p><i>Awareness Training:</i> Prior to the initiation of site preparation and/or the start of construction</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><u>Awareness Training</u>                      Prior to the initiation of site preparation and/or the start of construction, the Applicant shall provide construction workers with awareness training from a qualified professional who is experienced in teaching non-specialists, to enable workers to recognize archaeological or paleontological resources in the event that any are encountered during construction.</p> <p><u>Monitoring</u>                      Where ground disturbance has potential to encounter buried cultural resources, an archaeologist shall be on call to identify any historic resources or human remains. Native American monitors may also be present to identify tribal cultural resources encountered during construction.</p> <p><u>Protocol for Unanticipated Find(s) of Cultural and Paleontological Resources</u>                      If unidentified cultural or paleontological resources are found or suspected during construction, the Applicant shall take the following actions:</p> <ul style="list-style-type: none"> <li>• All construction activity within 100 ft of the find shall cease immediately.</li> <li>• All remains or materials are to be left in place unless in jeopardy because of Project activities.</li> <li>• The area would be secured to prevent any damage or loss of removable objects. If feasible, a fence or other barrier would be erected to demarcate and protect the find.</li> <li>• The consulting archeologist or paleontologist would be notified and once on scene would record the find location and delineate the extent of the find relative to planned Project activities. The consulting archeologist or paleontologist would assess, record, and photograph the find.</li> </ul>		<p><i>Monitoring:</i> On-call during ground-disturbance or, as required, by Native American groups that previously commented during scoping period (i.e., Gabrieleño Band of Mission Indians and Gabrielino Tongva Indians of California Tribal Council)</p> <p><i>Unanticipated Finds Protocol:</i> Protocol implemented during construction.</p>	

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<ul style="list-style-type: none"> <li>• Within 48 hours of the find, the consulting archeologist or paleontologist would notify the appropriate agency officials. If cultural resources or remains have the potential to be culturally significant to a living Native American Tribe, agency officials would notify the California Native American Heritage Commission.</li> <li>• The consulting archeologist or paleontologist would make a recommendation on the significance of the find, including eligibility of the resources to the NRHP, and the impact of Project activity on historic properties, if present.</li> </ul> <p>A consulting archeologist or paleontologist would visit the discovery site as soon as practicable for identification and evaluation pursuant to Section 21083.2 of the PRC and Title 14, Section 15126.4 of the CCR. If the archeologist determines the artifact is not significant, construction may resume. If the archeologist determines the artifact is significant, the archeologist would determine if the artifact can be avoided and, if so, would detail avoidance procedures. If the artifact cannot be avoided, the archeologist would develop within 48 hours an Action Plan that would include provisions to minimize impacts and, if required, a Data Recovery Plan for recovery of artifacts in accordance with Section 21083.2 of the PRC and Title 14, Section 15126.4 of the CCR. State laws pertaining to the discovery of human remains would be followed. Work in areas where any burial site is found would be restricted or stopped until proper protocols are met.</p>			

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><b>MM CR-2: Documentation of Potentially Eligible Historic Structures.</b> Prior to any Project activities which have the potential to impact a potentially eligible historic structure, the structure shall be documented and evaluated by a cultural resource specialist meeting the Secretary of Interior’s Professional Qualification Standards for historic architecture.</p> <p>If the historic property is determined to be significant by SHPO and the Lead Agency, and cannot be avoided, the cultural resource specialist would identify actions to minimize impacts, which could include one or more of the following: shifting the Project footprint away from the resource; limiting activities in the vicinity of the resource; or monitoring construction activities near the resource to inform whether additional actions are warranted. If none can be identified, a Data Recovery Plan would be developed, in consultation with the appropriate agency officials and consulting parties, in accordance with Section 21083.2 of the PRC and Title 14, Section 15126.4 of the CCR.</p>	<p>Historic structure evaluation report</p>	<p>Prior to Project activities impacting a potentially eligible historic structure</p>	<p>Applicant</p>
<p><b>MM CR-3: Appropriate Treatment of Human Remains.</b> In the event of an inadvertent discovery of human remains, the Applicant shall halt all work within the vicinity of the discovery. Per 14 CCR § 15064.5 (e), the county coroner would be notified within 24 hours of the discovery, and the NAHC contacted if the remains are likely Native American. Mitigation measures shall be determined based on the recommendations of the most likely descendants as identified by the NAHC.</p>	<p>Documentation of notification and follow-up activities in Monitoring Report</p>	<p>Notification within 24 hours of inadvertent discovery of human remains</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><b>MM LU-1: Site Access Management.</b> In the event that construction activities at the landing site extend into peak beach use season, the Applicant shall coordinate with the County of Los Angeles, Department of Beaches and Harbors and, if needed, arrange for a shuttle to transport construction workers onto the work site from a location away from the beach to avoid occupying public parking spaces in the Dockweiler State Beach parking lot.</p>	<p>Correspondence records with County</p>	<p>During construction, if during peak season and as needed</p>	<p>Applicant</p>
<p><b>MM NOISE-1: Construction Noise Reduction Measures.</b></p> <ul style="list-style-type: none"> <li>• Construction contracts shall specify that all construction equipment must be equipped with mufflers and other feasible noise attenuation devices.</li> <li>• The use of horns, whistles, alarms, and bells shall only be used for safety purposes.</li> <li>• The Proponent shall establish a noise communication program to provide advance notice of construction activity to the public and a mechanism for the public to report noise concerns. The program shall include telephone and web-based contact information for the public to obtain Project information and schedules, and to report noise concerns. All communication shall be documented and provided to the City of Los Angeles, City of El Segundo, and Los Angeles County Beaches and Harbors.</li> </ul>	<p>Documented noise communication program and records of any noise concerns in Monitoring Report</p>	<p>Prior to and during construction</p>	<p>Applicant</p>

Mitigation Measures	Verification/Documentation	Timing	Responsible Parties
<p><b>MM TR-1: Construction Timing Restrictions.</b> The Applicant shall restrict construction on arterial or collector roads to off-peak hours (i.e., between morning and afternoon peak hours), and following afternoon peak hours (including nighttime construction where consistent with noise restrictions).</p>	<p>Evidence of construction schedule in Monitoring Report</p>	<p>During construction</p>	<p>Applicant</p>
<p><b>MM TR-2: Maintenance of Pedestrian/Bicycle Connectivity.</b> In areas where sidewalks and/or paved paths exist, the Applicant shall site construction workspaces in a way that maintains a continuous pedestrian/bicycle route.</p>	<p>Photographs of applicable construction work areas in Monitoring Report</p>	<p>During construction</p>	<p>Applicant</p>

Notes:

CCC =California Coastal Commission; CCR = California Code of Regulation; ft = feet; HDD = Horizontal Directional Drilling; m = meters; MWMCP = Marine Wildlife Monitoring and Contingency Plan; NAHC = Native American Heritage Commission; NOAA = National Oceanic and Atmospheric Administration; NOx = nitrous oxides; NRHP = National Register of Historic Places; PRC = Public Resources Code; ROV = Remotely Operated Vehicle; SCAQMD = South Coast Air Quality Management District; SHPO = State Historic Preservation Office; U.S. = United States