

SCH No. 2011071080

ADP No. 081215-139

**John S. Gibson Boulevard/I-110 Access Ramps and SR 47/I-110  
Connector Improvements  
Draft Mitigation Monitoring and Reporting Plan**

*Document considered draft until Board considers document*

CEQA requires public agencies to adopt a reporting or monitoring program for the changes to the project that have been adopted to mitigate or avoid significant effects on the environment (PRC Section 21081.6). The purpose of this program is to ensure that when an MND identifies measures to reduce potential environmental impacts to less than significant levels, that those measures are implemented as detailed in the environmental document. As responsible agency, the LAHD is responsible for implementation of this Mitigation Monitoring and Reporting Plan (MMRP). Once the Board of Harbor Commissioners adopts the MMRP, the applicable LAHD division(s) will incorporate the mitigation monitoring/reporting requirements in the appropriate permits (i.e., engineering specifications, engineering construction permits, and/or real estate entitlements). Therefore, in accordance with the aforementioned requirements, this MMRP lists each mitigation measure, describes the methods for implementation and verification, and identifies the responsible party or parties as detailed below.

Mitigation Measure	Timing and Methods	Responsible Party
<p><b>LU-1:</b> Prepare a Traffic Management Plan (TMP) to minimize direct and cumulative construction impacts on the community. The TMP shall be developed in consultation with the City of Los Angeles Department of Transportation and Caltrans, and it shall be provided with the construction plan to the City of Los Angeles Police and Fire Departments prior to commencement of construction activities. The TMP shall include, but is not limited to, the following implementation plans:</p> <ul style="list-style-type: none"> <li>• <b>Public Information:</b> Provide project update to the affected residents and businesses including general public via brochures and mailers, community meeting, and website.</li> <li>• <b>Motorist Information:</b> Provide project information using changeable message signs and ground mounted signs.</li> </ul>	<p><b>Timing:</b> Prior to and during project construction.</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout the construction phases.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>

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<ul style="list-style-type: none"> <li>• Incident Management: Implement Construction Zone Enhanced Enforcement Program (COZEEP), freeway service patrol, and California Highway Patrol (CHP) traffic handling.</li> <li>• Traffic Management during Construction: Provide traffic lane closure chart, detour route, pedestrian routes, residential and commercial access routes and temporary traffic signal during construction.</li> </ul>		
<p><b>CCC-1:</b> This mitigation measure is the same as LU-1. Please see above for details.</p>	See above	See above
<p><b>CCC-2:</b> Continue the public outreach program to keep residents, businesses, and any service providers within the project area informed, and to inform surrounding communities about the project construction schedule, traffic-impacted areas and the TMP, and other relevant project information.</p>	<p><b>Timing:</b> Throughout project construction.</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project construction manager or designated construction contractor liaison to ensure compliance with the measure.</p>	<p><b>Implementation:</b> LAHD and LAHD Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>CCC-3:</b> Coordinate with the Channel Street Skate Boarding Association to keep skaters informed of the proposed project schedule and the period that the skate facility needs to be closed.</p>	<p><b>Timing:</b> Throughout project construction.</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project construction manager.</p>	<p><b>Implementation:</b> LAHD</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>CCC-4:</b> Encourage the skate facility to apply for an operation permit for the facility.</p>	<p><b>Timing:</b> During facility closure</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project construction manager.</p>	<p><b>Implementation:</b> LAHD</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>U&amp;ES-1:</b> Work in close coordination with the utility service providers in advance of construction activities to relocate affected utilities to minimize the impacts to the consumers.</p>	<p><b>Timing:</b> Final Design prior to Construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout the construction phases.</p>	<p><b>Implementation:</b> LAHD and LAHD Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>U&amp;ES-2:</b> This mitigation measure is the same as LU-1. Please see above for details.</p>	See above	See above
<p><b>Traffic-1:</b> This mitigation measure is the same as LU-1. Please see</p>	See above	See above

Mitigation Measure	Timing and Methods	Responsible Party
above for details.		
<p><b>VIS-1:</b> Develop Context-Sensitive Solutions for the aesthetic and landscape treatments of the project elements based on the Caltrans Aesthetic and Landscape Master Plan.</p>	<p><b>Timing:</b> Final Design and Construction</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project engineer as part of final design plans. Specific landscape treatments developed as a result of final design shall be incorporated into the contract specifications for construction. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD and LAHD Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division, and Engineering Division</p>
<p><b>VIS-2:</b> Apply architectural detailing to the soundwalls and retaining walls, including textures, colors, and patterns. Include caps that will provide shadow lines.</p>	<p><b>Timing:</b> Final Design and Construction phase</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division, and Engineering Division</p>
<p><b>VIS-3:</b> Include vine plantings to soften the new soundwalls.</p>	<p><b>Timing:</b> Construction phase</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>VIS-4:</b> Apply anti-graffiti coating to all visible walls.</p>	<p><b>Timing:</b> Construction phase</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management</p>

Mitigation Measure	Timing and Methods	Responsible Party
	<p>construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p>Division</p>
<p><b>VIS-5:</b> Utilize drainage and water quality elements, where required, that maximize the allowable landscape. Place any water quality or detention ponds out of clear view of the interchange and the highway.</p>	<p><b>Timing:</b> Final Design and Construction</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project engineer as part of final design plans. Specific drainage and water quality elements developed as a result of final design shall be incorporated into the contract specifications for construction. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD and LAHD Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division, and Engineering Division</p>
<p><b>VIS-6:</b> Use a visually compatible ornamental groundcover in any detention/water quality basins or geoswales that are located within ornamental landscape areas.</p>	<p><b>Timing:</b> Final Design and Construction</p> <p><b>Method:</b> This measure shall be implemented by the LAHD project engineer as part of final design plans. Specific elements developed as a result of final design shall be incorporated into the contract specifications for construction. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD and Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division, and Engineering Division</p>
<p><b>VIS-7:</b> Landscape and revegetate disturbed areas to the greatest extent feasible. Landscaping should include appropriate irrigation, establishment, and maintenance to assure ongoing success of the plantings.</p>	<p><b>Timing:</b> Construction phase</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>

Mitigation Measure	Timing and Methods	Responsible Party
	ensure compliance with contract specifications.	
<p><b>CUL-1:</b> Prepare and implement an Archaeological Data Recovery Plan (also known as Phase III excavations) for the portion(s) of Site CA-LAN-283 to be affected by the project prior to any ground-disturbing activities.</p>	<p><b>Timing:</b> Prior to construction</p> <p><b>Method:</b> The LAHD Environmental Management Division shall retain a qualified archaeologist to implement this measure.</p>	<p><b>Implementation:</b> LAHD</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>CUL-2:</b> If previously unidentified cultural materials are unearthed during construction, work shall be halted in that area until a qualified archaeologist can assess the significance of the find.</p>	<p><b>Timing:</b> Throughout construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>PAL-1:</b> Retain a qualified paleontologist prior to the start of construction to develop and implement a Paleontological Mitigation Plan. Paleontological monitoring shall be conducted onsite to inspect new exposures created by earth-moving activities in areas underlain by the older alluvium and at depths greater than 5 feet below current grade for the younger alluvium. Rock samples from rock units in the San Pedro and Palos Verdes Sand shall be collected and analyzed for the paleontological potential.</p>	<p><b>Timing:</b> Prior to construction and throughout construction activities</p> <p><b>Method:</b> The LAHD Environmental Management Division shall retain a qualified paleontologist to implement this measure.</p>	<p><b>Implementation:</b> LAHD</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>PAL-2:</b> If any fossils are found, then excavation activities shall be temporarily halted to allow samples to be collected and analyzed for paleontological potential. Any fossils recovered during mitigation shall be deposited in an accredited and permanent scientific institution.</p>	<p><b>Timing:</b> Throughout construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>HM-1:</b> Conduct soil profiling while handling soil at the project site</p>	<p><b>Timing:</b> Throughout construction</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p>

Mitigation Measure	Timing and Methods	Responsible Party
<p>during construction. If the soil contains contaminant concentrations that meet the definition of hazardous materials, then the contractor would be required to adhere to City of Los Angeles Standard Specifications (known as the Greenbook), which address the management of various hazardous materials and wastes consistent with the federal and state of California requirements pertaining to hazardous materials and wastes management.</p>	<p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>HM-2:</b> Collect and analyze water collected during dewatering for Total Petroleum hydrocarbon (TPH) gasoline/diesel and volatiles organic compounds (VOCs) if a construction dewatering system is planned.</p>	<p><b>Timing:</b> Throughout construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>HM-3:</b> Conduct soil sampling and analysis at the proposed soundwall locations west of I-110 and south of SR 47. The soil samples should be analyzed for metals and pesticides/herbicides. If the soil samples exhibit evidence of petroleum product contamination, then a TPH should be analyzed.</p>	<p><b>Timing:</b> Prior to or during construction phase</p> <p><b>Method:</b> The LAHD Environmental Management Division shall implement this measure.</p>	<p><b>Implementation:</b> LAHD</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>HM-4:</b> Dispose of any hazardous materials or wastes encountered before or during the construction phase of the project according to current regulatory guidelines.</p>	<p><b>Timing:</b> Throughout construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>AQ-1:</b> Construction contractor shall adhere to the current LAHD Sustainable Construction Guidelines for Reducing Air Emissions during project construction phase. The</p>	<p><b>Timing:</b> Throughout construction</p> <p><b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The</p>	<p><b>Implementation:</b> LAHD through Construction Contractor</p> <p><b>Monitoring and Reporting:</b></p>

Mitigation Measure	Timing and Methods	Responsible Party
LAHD shall determine the applicable BMP's once the contractor identifies and secures a final equipment list and project scope.	contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.	Environmental Management Division, Construction Management Division
<b>Noise-1:</b> Noise control shall conform to the provisions in Section 14-8.02, "Noise Control," of the Standard Specifications and these special provisions.	<b>Timing:</b> Throughout construction  <b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.	<b>Implementation:</b> LAHD through Construction Contractor  <b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division
<b>BIO-1:</b> Clearance of vegetation at the top of the slope above the I-110 connector, and any land adjacent to the ends of the Channel Street Overhead, shall be conducted during the non-nesting season (between September 1 to February 15) to preclude direct effects on any migratory nesting bird species that might be in the project area.	<b>Timing:</b> Prior to Construction and during construction activities  <b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.	<b>Implementation:</b> LAHD through Construction Contractor  <b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division
<b>BIO-2:</b> The thin structural gaps at the top of each support pillar beneath the Channel Street Overhead shall be filled with any convenient, suitable material. The gaps shall be filled when bats have departed, which is between mid-September and early February.	<b>Timing:</b> Prior to Construction and during construction activities  <b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.	<b>Implementation:</b> LAHD through Construction Contractor  <b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division
<b>BIO-3:</b> Coarse mesh cover shall be fitted over the weepholes through the Channel Street Overhead soffits at the same time to prevent any bats	<b>Timing:</b> Prior to Construction and during construction activities  <b>Method:</b> This measure shall be incorporated into the LAHD design	<b>Implementation:</b> LAHD through Construction Contractor  <b>Monitoring and Reporting:</b>

Mitigation Measure	Timing and Methods	Responsible Party
<p>from gaining entrance to the interior of the box and thus being subject to disturbance.</p>	<p>and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p>Environmental Management Division, Construction Management Division</p>
<p><b>BIO-4:</b> In compliance with the Executive Order on Invasive Species, EO 13112, the landscaping and erosion control included in the project will not use species listed as noxious weeds.</p>	<p><b>Timing:</b> During construction  <b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Landscaping Contractor  <b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>
<p><b>BIO-5:</b> Precautions shall be taken to prevent the propagation of invasive species found in or adjacent to the construction areas. These include inspection and cleaning of construction equipment and eradication strategies.</p>	<p><b>Timing:</b> Throughout construction  <b>Method:</b> This measure shall be incorporated into the LAHD design and contract specifications. The contractor shall adhere to these specifications throughout construction phases. Enforcement shall include oversight by the LAHD project construction manager or designated building inspectors to ensure compliance with contract specifications.</p>	<p><b>Implementation:</b> LAHD through Construction Contractor  <b>Monitoring and Reporting:</b> Environmental Management Division, Construction Management Division</p>