

MITIGATION MONITORING AND REPORTING PROGRAM

FOR

I-880 INNOVATION BRIDGE AND TRAIL PROJECT (PWC8907)

The Mitigation Monitoring and Reporting Program (MMRP) is a CEQA-required component of the Mitigated Negative Declaration (MND) process for the project. The results of the environmental analyses, including proposed mitigation measures, are documented in the Final MND.

CEQA requires that agencies adopting MNDs take affirmative steps to determine that approved mitigation measures are implemented subsequent to project approval. As part of the CEQA environmental review procedures, Section 21081.6 requires a public agency to adopt a monitoring and reporting program to ensure efficacy and enforceability of any mitigation measures applied to a proposed project. The lead agency must adopt an MMRP for mitigation measures incorporated into the project or proposed as conditions of approval. The MMRP must be designed to ensure compliance during project implementation. As stated in Section 21081.6(a)(1):

The lead agency shall adopt the reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation. For those changes which have been required or incorporated into the project at the request of a responsible agency or a public agency having jurisdiction by law over natural resources affected by the project, that agency shall, if so requested by the lead agency or a responsible agency, prepare and submit a proposed reporting or monitoring program.

Table 1 is the MMRP matrix. The table lists each of the mitigation measures proposed in the Final MND and specifies the agency responsible for implementation of the mitigation measure and the time period for the mitigation measure

Table 1 Mitigation and Monitoring Reporting Program

Impact	Mitigation Measure	Implementation	Monitoring Responsibility	Status / Timing
Geology/Soils	<p>Mitigation Measure GEO-1: A Paleontological Mitigation Plan (PMP) shall be prepared for City approval and implemented. The PMP shall be prepared under the supervision of professional paleontologist that meets the Caltrans qualifications for Principal Paleontologist. The PMP shall comply with the following performance standards at a minimum:</p> <ul style="list-style-type: none"> • General fieldwork and laboratory methods – The PMP shall describe how any monitoring will be conducted, the safety measures that will be implemented, the volume of any bulk samples to be taken and their locations (if known), and preparation procedures for recovered specimens and reporting format and content. • Curation requirements – The PMP shall identify the curation facility and include a draft curation agreement. • Format and content for report preparation – The PMP shall include requirements for the final report that will document implementation of the City-approved PMP. At a minimum the final report shall be required to provide detailed information regarding field and laboratory methods and results, with the collection catalog attached as an appendix. • Report distribution – The PMP shall specify the number of copies of the final report based on input from the City and other applicable agencies. • Proposed staff and their qualifications – The PMP shall identify the number of field and lab crew needed to implement the PMP, the estimated duration of their participation, and a brief statement of the qualifications (e.g., educational background and paleontological experience) of all personnel. 	Contractor Qualified Paleontologist	City of Fremont Public Works Department	Prior to construction and during construction
Hazards/Hazardous Materials	<p>Mitigation Measure HAZ-1: A Phase II Preliminary Site Investigation will be conducted during the final design of the Project to evaluate potential contaminants of concern in soil and groundwater. The Preliminary Site Investigation will include drilling to collect and analyze soil and groundwater samples for the potential contaminants of concern identified in the ISA. The City will provide the findings of the Preliminary Site Investigation to the contractor and require the contractor to incorporate the findings of the Preliminary Site Investigation in the soil disposal and reuse options for the Project and associated worker health and safety concerns during excavation. The City will inform contractors of groundwater management options during dewatering. All environmental investigations for the Project will be provided to the Project contractors to incorporate into their Health and Safety and Hazard Communication programs. These requirements will be included in the project specifications and the contractor shall integrate them into their Health and Safety Plans for City approval and shall implement the approved Health and Safety Plans.</p>	Contractor Qualified Environmental Consultant	City of Fremont Public Works Department	Prior to construction
Hydrology/Water Quality	<p>Mitigation Measure HYD-1: Groundwater extracted from temporary dewatering activities will be managed based on the groundwater quality within the Project site. Clean groundwater could be used for dust control, collected on-site using tanks prior to discharging to receiving waters, or transported to a publicly owned treatment works (POTW) as allowed by the agency with jurisdiction over the POTW. The potential for groundwater contamination will be determined when the Project’s Phase II Preliminary Site Assessment is available. If the Project site contains contaminated groundwater or groundwater that may release contaminated plumes when disturbed, applicable waste discharge requirements or permits will be obtained prior to construction. Groundwater depths will be determined before the installation of bridge footings and retaining wall piles. If required, a dewatering plan will be prepared and implemented. The dewatering plan shall comply with the following performance standards at a minimum:</p> <ul style="list-style-type: none"> • Maps and narrative description: The dewatering plan shall include maps and a narrative description identifying the location of dewatering activities, equipment, and disposal. • Best management practices (BMPs): The dewatering plan shall include requirements to implement dewatering BMPs to prevent releases of contaminated groundwater, such as a testing protocol for conducting water quality monitoring to detect contamination in accordance with the applicable waste discharge requirements or permits identified by the applicable regulatory agencies, such as Alameda County Water District, City of Fremont or other relevant regulatory agencies. • Monitoring procedures: The dewatering plan shall include monitoring procedures to ensure effective sediment and erosion controls are in place, and procedures for collecting and properly disposing of any contaminated groundwater. 	Contractor	City of Fremont Public Works Department	Prior to construction and during construction

	<ul style="list-style-type: none"> • Identification of permits: The dewatering plan shall identify any necessary permits and approvals and shall require that all necessary permits be obtained prior to dewatering activities. 			
Noise	<p>Mitigation Measure NOI-1: Project construction specifications shall include vibration control measures to reduce construction vibration levels at buildings within the 30-foot buffer below a threshold of 0.5 in/sec PPV for continuous or frequent intermittent sources and 2 in/sec PPV for transient sources. Examples of the types of measures to be incorporated into the Project specifications include the following examples:</p> <ul style="list-style-type: none"> • Avoid impact pile-driving within the 30-foot buffer where possible. • Minimize or avoid using vibratory rollers and tampers within the 30-foot buffer. • Notification requirements for properties within the 30-foot buffer regarding construction schedule, and contact information for on-site coordination and complaints. 	Contractor Qualified Noise/Vibration Consultant	City of Fremont Public Works Department	Prior to construction and during construction
Noise	<p>Mitigation Measure NOI-2: The project construction specifications shall include vibration control measures that can be implemented in a good faith effort to minimize or avoid effects to sensitive equipment by working with potentially affected property owners to implement reasonable and prudent measures that are cost effective. Examples of the types of measures to be incorporated into the Project specifications include the following:</p> <ul style="list-style-type: none"> • Modification of work schedules to lower day-time impacts. • Notification requirements for potentially affected properties regarding construction schedule and contact information for on-site coordination and complaints. 	Contractor Qualified Noise/Vibration Consultant	City of Fremont Public Works Department	Prior to construction and during construction