

**METRO UNION DIVISION BUS MAINTENANCE &
OPERATIONS FACILITY PROJECT
MITIGATION MONITORING AND
REPORTING PROGRAM**



Metro

**LOS ANGELES COUNTY METROPOLITAN
TRANSPORTATION AUTHORITY**

SEPTEMBER 2008

MITIGATION MONITORING AND REPORTING PROGRAM

INTRODUCTION

Section 15097 of the CEQA Guidelines states that a lead agency should adopt a Mitigation Monitoring and Reporting Program (MMRP). The purpose of the MMRP is to ensure that the mitigation measures identified in the Initial Study/Mitigated Negative Declaration (IS/MND) to mitigate the potentially significant environmental effects of the project are, in fact, properly carried out. In its findings concerning the environmental effects of a project for which an IS/MND was prepared, a lead agency must also include a finding that a MMRP has been prepared and provides a satisfactory program that would ensure avoidance or sufficient reduction of the significant effects of the proposed project.

The Los Angeles County Metropolitan Transportation Authority (Metro) is the lead agency for the proposed project and shall be responsible for assuring full compliance with the provisions of this program.

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The MMRP contains the following:

- All of the mitigation measures identified for the proposed project (listed according to the same numbering system contained in the Draft IS/MND)
- Phase/time of the proposed project during which the mitigation measure must be implemented and/or monitored
- Identification of the party responsible for implementing the mitigation measure
- Identification of the party responsible for monitoring the implementation of the mitigation measure

Traffic & Parking

Intersection Level of Service

TT1 To reduce LOS impacts, a second southbound left-turn lane shall be added to Vignes Street at the intersection of Cesar E. Chavez Avenue and Vignes Street. The existing right-of-way at this intersection is sufficient to accommodate the additional left-turn lane. Currently, a 12-foot-widestriped median is located between the existing southbound left-turn lane and the two northbound through lanes on Vignes Street. This striped median shall be converted into a second southbound left-turn lane. The eastern leg of the intersection currently has two receiving lanes that could accommodate vehicles turning from the additional left-turn lane.

Timing/Phasing:	Construction phase
Responsible Party:	Design build contractor
Monitoring Party:	Metro

Historic, Archaeological, and Paleontological Resources

Archaeological Resources

CR1 A qualified archaeologist/paleontologist shall be retained to monitor all project-related, ground-disturbing construction activities (i.e., grading, excavation, etc.). In the event that cultural resources are exposed during construction, the monitor must be given the authority to temporarily halt construction in the immediate vicinity of the discovery while it is evaluated for significance. Construction activities could continue in other areas. If the discovery proves to be significant, additional work, such as data recovery excavation, shall be required.

Timing/Phasing: Final design/construction phase
Responsible Party: Metro
Monitoring Party: Metro

CR2 If potential cultural or archaeological resources are discovered during construction of the proposed project, a Native American monitor shall be retained from the Native American group identified in the Cultural Resources Survey report. In the event the Native American monitor identifies cultural or archeological resources, the monitor shall be given the authority to temporarily halt construction in the immediate vicinity of the discovery and contact the project archaeologist/paleontologist.

Timing/Phasing: Final design/construction phase
Responsible Party: Metro
Monitoring Party: Metro

CR3 In the event that human remains are encountered at the project site, all work in the immediate vicinity of the burial must cease, and any necessary steps to ensure the integrity of the immediate area shall be taken. The Los Angeles County Coroner will be immediately notified. The Coroner must then determine whether the remains are Native American. Should the Coroner determine the remains are Native American, the Coroner has 24 hours to notify the Native American Heritage Commission (NAHC), who shall in turn, notify the person they identify as the most likely descendent (MLD) of any human remains. Further actions shall be determined in part by the recommendations of the MLD. The MLD has 24 hours following notification from the NAHC to make recommendations regarding the disposition of the remains of the discovery. If the MLD does not make recommendations within 24 hours, the owner shall, with appropriate dignity, reinter the remains in an area of the property secure from further disturbance. Alternatively, if the owner does not accept the MLD's recommendations, the owner or the descendent may request mediation by the NAHC. Procedures of conduct following the discovery of human remains have been mandated by Health and Safety Code §7050.5, Public Resources Code §5097.98, and the California Code of Regulations §15064.5(e) (CEQA).

Timing/Phasing: Construction phase
Responsible Party: Metro
Monitoring Party: Metro

Paleontological Resources

CR4 A qualified archaeological/paleontological monitor shall be retained to monitor project-related excavation activities of five feet or more in depth on a full-time basis. Project-related excavation activities of less than five feet depth shall be monitored on a part-time basis to ensure that

underlying paleontologically sensitive sediments are not being impacted. In addition, the monitor shall ensure the proper differentiation between paleontological and archaeological resources.

Timing/Phasing: Final design/construction phase
Responsible Party: Metro
Monitoring Party: Metro

- CR5** A qualified archaeologist/paleontologist shall be retained to supervise the monitoring of construction excavations and to produce a Paleontological Monitoring and Mitigation Plan for the proposed project. Paleontological resource monitoring shall include inspection of exposed rock units during active excavations within sensitive geologic sediments. The monitor shall have authority to temporarily divert grading away from exposed fossils in order to efficiently recover the fossil specimens and collect associated data. The qualified archaeologist/paleontologist shall prepare monthly progress reports to be filed with Metro, FTA, and the Natural History Museum of Los Angeles County. At each fossil locality, field data forms shall be used to record pertinent geologic data, stratigraphic sections shall be measured, and appropriate sediment samples shall be collected and submitted for analysis. Matrix sampling shall be conducted to test for the presence of microfossils. Testing for microfossils shall consist of screen-washing small samples (approximately 200 pounds) to determine if significant fossils are present. If microfossils are present, additional matrix samples shall be collected (up to a maximum of 6,000 pounds per locality) to ensure recovery of a scientifically significant microfossil sample.

Timing/Phasing: Final design/construction phase
Responsible Party: Metro
Monitoring Party: Metro

- CR6** Recovered fossils shall be prepared to the point of curation, identified by qualified experts, listed in a database to facilitate analysis, and repositied in a designated paleontological curation facility. The most likely repository would be the Natural History Museum of Los Angeles County.

Timing/Phasing: Construction phase
Responsible Party: Metro
Monitoring Party: Metro

Visual Quality

Light

- AE1** All lighting fixtures shall be directed towards the ground or otherwise away from the line-of-sight of adjacent roadways.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AE2 Overnight on-site exterior lighting shall be minimized to a level that is necessary for effective security measures. The recommended levels are 0.5 to 2.0 foot-candles for building sides and ten foot-candles for building entrances.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

Glare

AE3 Utilization of non-reflective windows and exterior wall materials would eliminate any potential light and glare impacts.

Hazardous Materials

HM1 A subsurface investigation, soil sampling, and a geophysical survey will be conducted prior to the construction of the parking structure and upward spiral circular structure to determine the existence or extent of soil contamination due to historical land uses. Contaminated soils or identified USTs will be transported and disposed according to local and State requirements.

Timing/Phasing: Final design/prior to construction phase
Responsible Party: Metro
Monitoring Party: Metro

HM2 Prior to construction, the existing industrial wastewater clarifiers, associated piping and drains, and two underground storage tanks adjacent to RRC Building 1 may require relocation or removal. In the event of relocation, preemptive soil sampling of the area would establish potential investigative and/or remedial activities that may be required prior to construction of the proposed project. In the event that contaminated groundwater is encountered during facility removal or other project-related excavation activities, groundwater will be extracted and treated prior to being discharged into the City stormwater drainage system.

Timing/Phasing: Final design/prior to construction phase
Responsible Party: Metro
Monitoring Party: Metro

HM3 Prior to the renovation and reuse of the existing RRC Building 1, asbestos and lead testing will be performed by a licensed Asbestos-Containing Materials/Lead Abatement Contractor to ensure that these hazardous materials are not present in the building materials to be disturbed. The removal of any materials containing asbestos or lead shall be removed by a licensed Asbestos-Containing Materials/Lead Abatement Contractor and in compliance with all applicable local or State regulations.

Timing/Phasing: Final design/prior to construction phase
Responsible Party: Metro
Monitoring Party: Metro

Geology, Soils, & Seismicity

Liquefaction

GS1 The applicant shall conduct a geotechnical report that is consistent with Metro criteria and/or design guidelines, as well as City of Los Angeles building specification guidelines.

Timing/Phasing: Final design/prior to construction phase
Responsible Party: Metro
Monitoring Party: Metro

Soil

GS2 Implementation of BMPs such as scheduling excavation and grading activities during dry weather as feasible, and covering stockpiles of excavated soils with tarps or plastic sheeting would help reduce soil erosion due to grading and excavation activities.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

Construction – Air Quality

Regional Impacts

AQ1 Water or a stabilizing agent shall be applied to exposed surfaces in sufficient quantity to prevent generation of dust plumes.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ2 Track-out shall not extend 25 feet or more from an active operation and shall be removed at the conclusion of each workday.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ3 All haul trucks hauling soil, sand, and other loose materials shall maintain at least six inches of freeboard in accordance with California Vehicle Code Section 23114.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ4 All haul trucks hauling soil, sand, and other loose materials shall be covered (e.g., with tarps or other enclosures that would reduce fugitive dust emissions).

Timing/Phasing: Construction phase

Responsible Party: Design build contractor
Monitoring Party: Metro

AQ5 Traffic speeds on unpaved roads shall be limited to 15 miles per hour.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ6 Operations on unpaved surfaces shall be suspended when winds exceed 25 miles per hour.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ7 Heavy-equipment operations shall be suspended during first and second stage smog alerts.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

AQ8 On-site stock piles of debris, dirt, or rusty materials shall be covered or watered at least twice per day.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

Construction – Noise

N1 Construction contracts shall specify that all construction equipment be equipped with mufflers and other suitable noise attenuation devices.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

N2 Grading and construction contractors shall use quieter equipment as opposed to noisier equipment (such as rubber-tired equipment rather than track equipment).

Timing/Phasing: Construction phase
Responsible Party: Design build contractor
Monitoring Party: Metro

N3 All residential units located within 2,000 feet of the construction site shall be sent a notice regarding the construction schedule of the proposed project. A sign, legible at a distance of 50 feet, shall also be posted at the construction site. All notices and signs shall indicate the dates and duration of construction activities, as well as provide a telephone number where residents can inquire about the construction process and register complaints.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor/Metro
Monitoring Party: Metro

N4 A “noise disturbance coordinator” shall be established. The disturbance coordinator shall be responsible for responding to any local complaints about construction noise. The disturbance coordinator would determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and would be required to implement reasonable measures such that the complaint is resolved. All notices that are sent to residential units within 2,000 feet of the construction site and all signs posted at the construction site shall list the telephone number for the disturbance coordinator.

Timing/Phasing: Construction phase
Responsible Party: Design build contractor/Metro
Monitoring Party: Metro

Public Services

Police Protection

PS1 The applicant shall provide proposed project plans to the LAPD Crime Prevention Unit personnel regarding any additional crime prevention and security features that are appropriate for the design of the property of the proposed project. Any additional design features identified by the LAPD Crime Prevention Unit shall be incorporated into the proposed project’s final design and to the satisfaction of the LAPD, prior to issuance of a Certificate of Occupancy for the proposed project.

Timing/Phasing: Construction phase
Responsible Party: Metro
Monitoring Party: Metro

PS2 Upon completion of the proposed project, the applicant shall provide the Central Community Area Commanding Officer with a diagram of each portion of the property, including access routes and any additional information that would facilitate police response, as requested by the LAPD.

Timing/Phasing: After completion of construction phase
Responsible Party: Metro
Monitoring Party: Metro