

BATIQUITOS (B2) FORCE MAIN REPLACEMENT PROJECT

**MITIGATION, MONITORING AND REPORTING PLAN
(MMRP)**

B2 Force Main Replacement Project – Option C Mitigation Monitoring and Reporting Plan

Mitigation Measure	Activities Required	Implementation Responsibilities
CUL-1: Provide Qualified Archaeologist Monitoring during Ground-Disturbing Activities	<ul style="list-style-type: none"> The District will retain an archaeologist meeting the Secretary of the Interior’s professional qualification standards for archaeology to monitor ground-disturbing activities, including site preparation, demolition/removal of existing pavement and other features, and excavation/trenching In the event of a find of known or potential cultural material(s), deposit(s), or feature(s), the archaeologist will have the authority to temporarily suspend or divert work in the immediate area of the find; will evaluate the find; and will make recommendations for further investigation and/or treatment, as appropriate The District will be responsible for following up to implement the archaeologist’s recommendations 	<ul style="list-style-type: none"> District will require design consultant to include information on this measure in Project Contract Documents so bidding contractors are aware of potential constraints on work District will retain archaeologist and will require the archaeologist to include an appropriately qualified Native American monitor as part of their team, such that monitoring includes both qualified archaeological and Native American staff Monitoring staff will determine when/where monitoring is required, and will conduct monitoring activities District will verify implementation and compliance during construction
CUL-2: Provide Paleontological Monitoring for New Ground Disturbance in Pleistocene Substrate Materials	<ul style="list-style-type: none"> The District will retain a qualified paleontologist – an individual meeting the qualifications for “Principal Paleontologist” as defined in California Department of Transportation Standard Environmental Reference, Chapter 8 (Caltrans 2012c) or equivalent qualifications – to monitor ground-disturbing activities in previously undisturbed native substrate materials (all realignments and areas, if any, where existing trenches must be deepened or widened beyond their original extent) If fossil material is discovered, work in the immediate vicinity of the discovery will cease until the find can be evaluated and any appropriate treatment 	<ul style="list-style-type: none"> District will require design consultant to include information on this measure in Project Contract Documents so bidding contractors are aware of potential constraints on work District will retain paleontologist Monitoring staff will determine when/where monitoring is required, and will conduct monitoring activities District will verify implementation and compliance during construction

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CUL-3: Comply with State Requirements in the Event Human Remains are Discovered	<p>implemented; work may continue on other parts of the alignment while evaluation (and, if needed, treatment) takes place, as long as the find can be adequately protected</p> <ul style="list-style-type: none"> The District will be responsible for ensuring that the paleontologist's recommendations regarding treatment and reporting are implemented. If human remains are discovered, work in the vicinity of the find will cease immediately and the contractor or designated representative will notify the San Diego County Coroner; if the remains are determined to be of Native American origin, the Coroner will then notify the Native American Heritage Commission (NAHC) for identification of the mostly likely descendant Work in the vicinity of the find will not resume until the most likely descendant has made a recommendation regarding the treatment, or appropriate and dignified disposition, of the remains and any associated grave goods, and that recommendation has been implemented If NAHC is unable to identify a descendant, or the descendant fails to make a recommendation within 48 hours of receiving notification from NAHC, work may resume The District or a delegated consultant representative will be responsible for following up with the County Coroner and NAHC to ensure that their responsibilities have been discharged 	<ul style="list-style-type: none"> District will require design consultant to include information on this measure in Project Contract Documents so bidding contractors are aware of potential constraints on work District will retain archaeologist District will verify implementation and compliance during construction
Noise-1: Require Augmented Construction Noise Control	<p>The Project Contract Documents will include Special Provisions for noise control, which will stipulate the following requirements</p> <ul style="list-style-type: none"> All construction equipment will be equipped with the manufacturer's standard noise control equipment, or 	<ul style="list-style-type: none"> District will require design consultant to incorporate the requirements of this measure into Project Contract Documents District will verify incorporation

Mitigation Measure	Activities Required	Implementation Responsibilities
	with an equally effective replacement that meets manufacturer specifications	• During construction, District will verify compliance
	• Construction equipment and vehicles that require back-up alarms will be equipped with ambient-sensitive backup alarms	
	• Use of jake brakes will be prohibited	