

Volta Wasteway Flowmetering Project

Planholders List

1. Arnaudo Construction
2. Viking General Contractors, Inc.
3. Clark Bros. Inc.
4. Ranchwood
5. Reed Construction
6. WM Lyles

Questions & Answers

1. What material will the temporary wall be constructed of?
 - a. Pressure treated timber and angle iron with a rubber seal at the base. The wall will be constructed by The San Luis & Delta Mendota Water Authority (SLDMWA) prior to the contractor starting construction.
2. Will electricity be available at the construction site for the contractor to use?
 - a. No.
3. What is the maximum vehicle width that must be accommodated when ensuring the O & M road remain open?
 - a. 10 feet.
4. What is the current flow being put through the wasteway (during the August 23rd Optional Pre-Bid Site Visit), and what flows can be anticipated?
 - a. There was 100 cfs being delivered at the time of the site visit. The maximum flow is 600 cfs and that may occur during September into mid October. Typical deliveries after that will be 100 cfs or less.
5. Can a jackhammer be used to expose the existing concrete when constructing the headwall?
 - a. Yes, jack hammers that are 60 lbs or less may be used but shall not be used at the outer 3 inches of the concrete to be exposed.

Note: The following is an excerpt from the "Standard Specifications for Repair of Concrete", Document M-47, Bureau of Reclamation Technical Service Center

SECTION 2 - CONCRETE PREPARATION FOR REPAIR

Concrete to be repaired shall be prepared in accordance with the requirements of this paragraph and with the special requirements of section 3.

Volta Wasteway Flowmetering Project

2.1 REMOVAL AND CLEANING

All damaged, deteriorated, loosened, or unbonded portions of existing concrete shall first be removed by water blasting, bush hammering, jack hammering, or any other approved method, with approved equipment, after which the surfaces of existing concrete shall be prepared by contained shotblasting, wet sandblasting, or water blasting to remove any microfractured surfaces resulting from the initial removal process. The surfaces shall then be cleaned and allowed to dry thoroughly, unless the specific repair technique requires application of materials to a saturated surface. Concrete removal processes involving the use of jack hammers in excess of 30 pounds, dry sandblasting, or scrabblers shall not be used without approval by the Contracting Officer. The use of acids for cleaning or preparing concrete surfaces for repair will not be permitted.

6. Is Prevailing Wage required?
 - a. Yes.

7. What types of testing and inspection are required?
 - a. The SLDMWA will be responsible for obtaining concrete cylinders for testing and performing slump tests on each batch of concrete.
 - b. Nondestructive Examination of Welds shall be performed as follows:
 - i. Completed welds shall be visually examined and shall be in accordance with requirements of AWS D1.1, 8.15 Quality of Welds
 - ii. Weld profiles shall be visually examined and shall be in accordance with requirements of AWS D1.1, 3.6 Weld Profiles.