

ITEM 17553.10nnnn M - TEMPORARY WATERWAY DIVERSION STRUCTURES

DESCRIPTION

General

Design, furnish, install, maintain, and remove a temporary water diversion structure at the location(s) shown on the plans or as ordered by the Engineer.

Provide systems of sufficient size and strength to meet the requirements of Title 29, Code of Federal Regulations, Part 1926, Safety and Health Regulations for Construction (OSHA).

Perform all work in conformance to all Federal, State, County and Local Regulations and permit conditions.

Submittal

Prior to beginning construction/installation of any temporary waterway diversion structure, submit to the Engineer, for review and approval, the methods to be employed. Allow for ten working days for review. Do not begin construction prior to receipt of approval.

MATERIALS

Provide timber or steel sheeting of a quality equivalent to that specified in subsection 552-2.02 Temporary Sheeting, tightly sealed impermeable earth filled bags, precast concrete, or a commercially designed system manufactured specifically for the control of water.

CONSTRUCTION DETAILS

Construct continuous waterway diversion structures at the locations(s) shown on the plans and in accordance with any regulatory agency permit conditions so as to divert the flow of water.

If a system commercially designed and manufactured specifically for the control of water is used, install and maintain it in accordance with the manufacturer's requirements and recommendations.

Repair all damage caused by the failure of the temporary water diversion structure to perform its proper function at no additional cost to the State.

Remove the temporary portion of the waterway diversion structure, after such time that it is determined by the Engineer to be no longer necessary. Sequence the removal to minimize turbidity and the discharge of materials into the waterway. Additional temporary erosion control measures, as determined by the Engineer, may need to be employed to facilitate removal. Payment for these measures will be made at the unit prices for the respective item(s) involved.

METHOD OF MEASUREMENT

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Each temporary waterway diversion structure actually constructed in accordance with the requirements of the plans and to the satisfaction of the Engineer.

BASIS OF PAYMENT

Include in the unit price bid the cost of furnishing all labor, equipment, and materials necessary to satisfactorily install, maintain, and remove the diversion structure.

No separate payment will be made for any repairs of damage required due to the failure of a waterway diversion structure to perform its proper function.

In the event that an extension of the temporary waterway diversion structure is required beyond the limits shown on the plans, changes to the respective diversion structure will be classified as extra work and will be paid for in accordance with subsection 104-03 Contingencies, Extra Work, Deductions.

When the waterway diversion structure is satisfactorily installed, seventy-five percent of the bid price will be paid. The remaining percentage will be paid when all temporary equipment and material have been removed and the waterway satisfactorily restored to its permanent location.

NOTE: nnnn Denotes serialized pay item, see subsection 101-53 Specifications.
Serialized number identifies temporary waterway diversion structure detailed on plans.