

ITEM 09553.97nnnn M - TEMPORARY WATERWAY DIVERSION STRUCTURE

Description

All work done under this Section shall conform to all Federal, State, County and Local Regulations and permit conditions.

Under this work, the Contractor shall 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.

Prior to beginning construction/installation of any temporary waterway diversion structure, the Contractor shall submit to the Engineer, for review and approval, the methods to be employed. Ten working days shall be allowed for review. Construction shall not be started prior to receipt of approval.

Materials

The materials shall be timber or steel sheeting of a quality equivalent to that specified in Subsection 552-2.02, tightly sealed impermeable earth filled bags, precast concrete, a commercially designed system manufactured specifically for the control of water or as otherwise indicated in the waterway diversion structure design submitted for review and approval.

Construction Details

Waterway diversion structures shall be constructed at the locations(s) as shown on the plans so as to divert the flow of water. The structure shall be continuous and constructed in accordance with any regulatory agency permit conditions.

If a system commercially designed and manufactured specifically for the control of water is used, it shall be installed and maintained in accordance with the manufacturer's recommendations.

All damage caused by the failure of the temporary water diversion structure to perform its proper function shall be the responsibility of the Contractor.

The Contractor shall remove the temporary portion of the waterway diversion structure, including anchor spuds if used, after such time that it is determined by the Engineer to be no longer necessary. The removal shall be sequenced 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.

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Method of Measurement

Payment will be made at the unit price bid for each temporary waterway diversion structure actually constructed in accordance with the requirements of the contract documents and to the satisfaction of the Engineer.

Basis of Payment

The unit price bid for each diversion structure shall include the cost of furnishing all labor, equipment, and materials necessary to satisfactorily install, maintain, and remove the diversion structure. Additional temporary erosion control measures employed to facilitate removal will be paid for at the unit prices for the respective item(s) involved.

In the event that the Contractor is required to extend the temporary waterway diversion structure 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.

Payment Will Be Under:

Item No.	Description	Unit	P a y
09553.xxnn M	Temporary Waterway Diversion Structure	Each	

NOTE: nn Denotes serialized pay item by location