

ITEM 553.0401nn09 - TEMPORARY CAUSEWAYS

DESCRIPTION

This work shall consist of designing, furnishing, placing, maintaining and removing temporary causeways at the locations and to the elevations shown on the Contract plans. All work done shall conform to all Federal, State, County and Local Regulations and permit conditions.

MATERIALS

As indicated on the Contract plans.

CONSTRUCTION DETAILS

Drawings shall be submitted to the Engineer for review a minimum of two weeks prior to construction. The drawings shall show profile, cross-sections, plan, and the location of any equalizer pipes. Changes to the causeway require new drawings and two additional weeks for review. The Engineer may waive the time requirement and/or the drawings if the Engineer deems the changes to be minor.

Temporary causeways shall be constructed as indicated on the plans and in accordance with any regulatory agency permit conditions. Prior to construction, all temporary soil erosion and sediment control measures shall be installed in accordance with §209 of the Specifications. Construction, maintenance and removal of the temporary causeways shall be performed in such a manner as to minimize turbidity and discharge of fine materials into the waterway. Additional temporary erosion control measures, as determined by the Engineer, may need to be employed to facilitate installation and removal.

After removal of the temporary causeway, land areas disturbed by the Contractor's operations shall be regraded and vegetated as indicated on the plans. Temporary erosion control measures shall be maintained by the Contractor until the restored areas are permanently stabilized.

Major damage to the causeway resulting from overtopping floodwaters shall be repaired as directed by the Engineer in accordance with the requirements of §109-05 Extra Work, Force Account Work, Dispute Compensation and Recordkeeping. Major damage is defined as causeway damage evolving loss or displacement of the heavy stone fill.

METHOD OF MEASUREMENT

This work will be measured on a lump sum basis.

BASIS OF PAYMENT

The lump sum price bid shall include the cost of furnishing all labor, material, and equipment necessary to satisfactorily install, maintain and remove the temporary causeway, including land restoration measures and any additional temporary erosion control measures required to facilitate installation and removal of the temporary causeways, except as note below.

Major causeway restoration work resulting from overtopping floodwaters shall paid for in accordance with §109-05. Minor causeway restoration work resulting from overtopping

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floodwaters shall be considered maintenance of the causeway and will not be reason for any additional payment.

Partial payments will be made as follows:

Seventy (70) percent when the temporary causeway is completely installed and operable.
Twenty-five (25) percent when the temporary causeway is permanently removed. Five (5) percent when the temporary erosion control measures are removed and disturbed areas are permanently stabilized.

Payment will be made under:

<u>Item No.</u>	<u>Item Pay</u>	<u>Unit</u>
553.0401nn09	Temporary Causeways Lump Sum	Lump Sum

nn denotes serialized pay item, see §101-02.