

SECTION S926 - ABANDON EXISTING WATER MAIN AT RAILROAD OR HIGHWAY CROSSINGS

S926-1 DESCRIPTION

Work consists of abandonment of an existing water main under a railroad or highway crossing as required in the Contract Documents and as directed by the Project Manager.

Work is to be in conformance with the requirements of the railroad company and latest version of NYSDOT Section 204 – Controlled Low Strength Material (CLSM).

S926-2 MATERIALS

S926-2.01 Fill Material

Material used to fill abandoned water mains underneath railroad and highway crossings is to meet the requirements of NYSDOT 733-01 Controlled Low Strength Material (CLSM). Certified mix design and proposed placement method shall be submitted to the Project Manager for approval prior to placement.

S926-3 CONSTRUCTION DETAILS

A section of the existing water main pipe which is to be abandoned shall be cut and removed at each side of the crossing.

Provide temporary bulkheads with air vents at the upstream and downstream ends of the water main to be abandoned and filled with CLSM.

The Contractor shall confirm that all voids inside the existing water main are filled and ends plugged.

Open cut ends of the abandoned water main pipe beyond the crossing shall then be plugged with concrete, which shall completely fill the water main pipe for a depth of 12 inches.

S926-4 METHOD OF MEASUREMENT

The quantity to be measured for payment will be the number of linear feet of water main pipe abandoned that has been properly filled completely with controlled low strength material.

S926-5 BASIS OF PAYMENT

The unit price bid shall include the cost of: cutting, removing and disposing of sections of the water main pipe; bulkheads and air vents; controlled low strength material; concrete plugs; and furnishing all labor, material and equipment necessary to complete the work.

Excavation, rock excavation, furnishing and placing select granular backfill, and surface restoration will be paid for under separate bid items.

Payment will be made under:

ITEM NO.	ITEM	PAY UNIT
S926.01XX	Abandon Existing X" Water Main at Railroad or Highway Crossing	Linear Foot

REVISED March 1, 2011