

**DESCRIPTION**

This work shall consist of furnishing and placing Portland cement concrete for sewer cradle and encasement as indicated on the plans.

**MATERIALS**

Portland Cement Concrete shall be in accordance with NYSDOT Section 501, latest revision, and shall provide a minimum compressive strength of 3000 psi at 28 days.

**CONSTRUCTION DETAILS**

Concrete Bedding and Encasement: Concrete shall be batched, mixed, transported and placed in accordance with NYSDOT Section 501. Pipe to be bedded or encased in concrete shall be placed at proper line and grade on temporary wood or brick supports with wood wedges. Flotation or lateral displacement of the pipe shall be prevented from occurring during concrete placement. Concrete shall be placed uniformly at each side of the pipe in its final position. An approved vibrator shall be used when placing the concrete. Backfilling shall be delayed until concrete has sufficiently set to support backfill placement and load.

**METHOD OF MEASUREMENT**

The quantity to be paid for under this work shall be the number of cubic yards obtained by multiplying the net cross sectional area shown on the plans by the actual length installed and accepted.

A deduction shall be made for pipes (based on nominal diameters) when the cross sectional area exceeds 1.0 square foot.

**BASIS OF PAYMENT**

The unit price bid shall include all labor, material and equipment necessary to complete the work.

Payment will be made under:

<b><u>Item No.</u></b>	<b><u>Item</u></b>	<b><u>Pay Unit</u></b>
C555.0106	Concrete Encasement	CY