

PRECAST CONCRETE WINGWALL

****From New Haven WCRS(18)**

- xx. DESCRIPTION. This work shall consist of fabricating, furnishing, and erecting precast concrete wingwall(s) at the location(s) specified and in conformance with the lines and grades shown in the Plans or as directed by the Engineer.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 540 of the Standard Specifications.

- xx. MATERIALS.

- (a) Precast Concrete Blocks. Precast concrete blocks shall be interlocking retaining blocks with a minimum compressive strength of 3,000 psi.
- (b) Tie Rods. Tie rods shall be galvanized steel Grade 150, 1 inch diameter DWIDAG threadbars or approved equal, with compatible hex nuts from the rod supplier.
- (c) Plate Washers. Plate washers for tie rods shall be steel plate conforming to AASHTO M 270, Grade 50, galvanized per Subsection 726.08.

- xx. PRECAST CONCRETE BLOCK INSPECTION. Materials furnished and the work performed will be inspected by the Agency at the time of delivery to the job site.

The Inspector shall have the authority to reject any material or work that does not meet approval. Defective or damaged blocks shall be replaced by the Contractor prior to starting the work at no additional cost to the project.

- xx. CONSTRUCTION REQUIREMENTS. Holes in precast concrete blocks for tie rods shall be drilled or cored with care to avoid damaging the blocks. Holes shall be 1 inch larger in diameter than the tie rods.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Precast Concrete Wingwall) to be measured for payment will be the number of square meters (square yards) of wall surface area complete and in place in the accepted work, measured as the sum of the areas of blocks actually erected in the wall.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Precast Concrete Wingwall) will be paid for at the Contract unit price per square meter (square yard). Payment will be full compensation for designing, fabricating, and installing the materials specified, including but not limited to the precast concrete blocks, tie rods, and connections; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

Pay Item

Pay Unit

900.675 Special Provision (Precast Concrete Wingwall) Square Meter
(Square Yard)