

50300

503.00

Designer Note: A bin-type retaining wall will normally have been established through a cost analysis in the project report stage. Check with the Bureau of Bridges & Traffic Structures and Materials to assure that the type wall specified has a minimum of 2 suppliers. A detail of the wall shall be included in the plans (Item 3). 7-1-94 Revised D.S.P.

BIN-TYPE RETAINING WALL

Effective July 1, 1990

Revised January 1, 2007

This work shall consist of furnishing and installing a Bin-Type Retaining Wall at locations shown on the plans and in accordance with the details included therein. The Contractor shall be governed by the following provisions:

Before ordering any material, the Contractor shall submit detail plans and specifications for the type of wall he proposes to construct for review and approval by the Engineer.

In excavating for placement of the Bin-Type Retaining Wall, it is recommended that the Contractor use a 1:1 backslope as shown in the plans. However, it shall be the Contractor's responsibility for any slippage that may occur during the construction operations or any damages which may result.

After the Bin-Type Retaining Wall has been constructed, the pipe underdrains placed, and the porous granular backfill brought up to the proper elevation as shown on the detail in the plans; the Contractor shall proceed to place and compact the earth to the lines and grades on the plans. This work shall be done in accordance with the applicable portions of Sections 205, 209, and 601 of the Standard Specifications. The top 2 ft. (600 mm) of the earth backfill shall be select material, satisfactory to the Engineer, so as to insure sod growth on the finished slope.

The porous granular backfill, the gravel cushion under the bin-type retaining wall base plates, and the earth excavation required will not be paid for separately but shall be considered as included in the construction of the BIN-TYPE RETAINING WALL.

The Bin-Type Retaining Wall will be measured for payment in Square Feet (Square Meters) based on the surface area. The surface areas will be determined by computing the product of the height of the wall (base to top of wall) and the length of the wall.

This work, including the furnishing of all material, equipment, and labor, shall be paid for at the contract unit price per Square Foot (Square Meter) for BIN-TYPE RETAINING WALL complete in place.