

ITEM 03560.02 M - REPAIRING ERIE CANAL STONE WALL WITH CONCRETE CAP

The existing stone shall be reset in accordance with the requirements of Subsection 560-3.04, Stone Masonry, except Stone Proportions do not apply and the sample wall shall not be required. All stone shall be laid in a pattern that closely resembles the existing configuration. Larger stone shall be placed in the lower courses and stones shall abut each other with minimal joints. The top course shall have an elevation as shown on the plans. Variations in depth greater than 50 mm between abutting stones in the top course shall not be permitted and the final grade shall ensure that the 300 mm (depth) concrete cap has a minimum depth of 250 mm at all locations. The concrete cap shall have a width of 400mm and shall be provided along the entire length of the reconstructed wall.

All concrete work shall meet the requirements of Section 555, Structural Concrete.

The concrete cap shall have transverse construction joints extending the full depth of the cap spaced 5 m apart. The edges of such joints shall be finished with an edging tool having a 6 mm radius. A premolded resilient joint fill shall be installed at all joints.

METHOD OF MEASUREMENT:

This work will be measured by the number of square meters measured along the plane of the exposed surface of the stone masonry, reset in its final location. Stone masonry shown on the plans below the water level shall be considered exposed in computing the payment area for this item.

BASIS OF PAYMENT:

The unit price bid per square meter shall include the cost of all labor, materials, and equipment necessary to satisfactorily complete the work as shown on the plans. Select Structure Fill, Item 203.21 M; Structure Excavation, Item 206.01 M; Geotextile Bedding, Item 207.01 M; Turbidity Curtain, Item 209.07 M; and Cofferdams (Type 2), Item 553.02nnnn M, as shown on the details, shall be paid for under their respective items.