

## **ITEM 560.1323 08 – RECONSTRUCT CANAL WALL USING EXISTING AND NEW STONE MASONRY UNITS**

### **DESCRIPTION**

This work shall consist of reconstructing a canal wall using existing stone masonry units and new stone masonry units furnished by the contractor at the locations indicated in the contract or where directed by the Engineer.

### **MATERIALS**

Section 560-2.03 of the Standard Specifications shall apply.

New stone masonry units may be required to supplement the existing stone masonry units. The new stone masonry units shall reasonably match in size, color, and texture of the existing stone masonry units found at the site. The new stone masonry units shall be approved by the Regional Landscape Architect.

### **CONSTRUCTION DETAILS**

The existing stone masonry units are located under the temporary fill placed in the D and H canal. There is also a small quantity of stone masonry units stock piled at the site. All of the existing stone is not match-marked.

Existing stone masonry units found at the site shall be used prior to using the new stone.

Stone masonry shall be installed in accordance with the requirements of Sections 560-3.01 and 560-3.04 of the Standard Specifications shall apply.

A separate sample wall is not required. The contractor shall construct the height of the permanent wall, 2.4 meters in length, +/- 0.6 meters using a combination of existing and new stone masonry units, as needed, for approval by the Regional Landscape Architect. The wall shall match the pattern and construction of the existing canal walls. If necessary, the wall construction shall be modified as directed by the Regional Landscape Architect.

The following operations shall be performed prior to the installation of all stone which requires these operations to be performed:

1. Cleaning of the stone masonry unit.
2. Cutting as necessary to obtain a proper fit.

Any damage to the existing standing canal wall caused by the contractor's operations shall be repaired in a manner satisfactory to the Regional Landscape Architect, at no cost to the State.

### **METHOD OF MEASUREMENT**

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The work will be measured as the number of square meters of stone masonry installed (including joints). Measurement will be taken as the vertical projection of the front surface of installed stone masonry wall as shown on the plans.

**BASIS OF PAYMENT**

The unit price bid per square meter shall include the cost of all labor, materials and equipment necessary to complete the work including furnishing and installing additional stone masonry units where needed. No payment will be made for repair work caused by the contractor's operations.