

## **ITEM 08560.40 M - REPAIR STONE MASONRY**

### **DESCRIPTION:**

The work consists of replacing missing stones and removing, cleaning and reinstalling loose stones on walls at existing structures where indicated on the contract plans.

### **MATERIALS:**

Contractor may utilize existing stones that were previously a part of the wall and are presently on the side slopes adjacent to the structure.

Contractor shall furnish all new stones required to complete the work. New stone shall match the existing as nearly as possible in kind, texture, hardness, color and finish.

Mortar shall conform to the requirements of 560-2.06. Color of mortar shall match existing, as nearly as practicable.

### **CONSTRUCTION DETAILS:**

Prior to any repairs, existing stones shall be thoroughly cleaned of all dirt and mortar.

Stone masonry shall not be installed when the ambient temperature is 5° C or below, or when the stone masonry units exhibit frost.

Stone masonry units shall not be dropped upon or slid over existing masonry, nor shall hammering or turning of stone masonry units on the masonry be allowed. Stone masonry units shall be carefully set without jarring masonry already laid, and they shall be handled in a manner so as not to cause damage.

Each stone shall be cleaned before being set and the bed which is to receive the masonry shall also be cleaned. Do not moisten surfaces receiving masonry mortar as excess water in masonry mortar is meant to be absorbed into dry receiving surfaces to obtain better bond.

All stone shall be well bedded in mortar and settled in place with a suitable wooden maul before the setting of the mortar.

No pinning up of stones with spalls will be permitted, and no spalls will be permitted in beds.

End of stones shall be buttered to completely fill the joint with mortar. Joints shall not be filled by pouring in a thin or liquid mortar. Tool joints in exposed faces to match existing.

### **METHOD OF MEASUREMENT:**

This work will be measured as the number of square meters of stone masonry repaired (including mortar joints within the stone masonry) as measured on the plane of all exposed surface (including the top, inside, outside and end faces) of the stone masonry repaired.

### **BASIS OF PAYMENT:**

The unit price bid per square meter shall cover the cost of all labor, material, equipment and incidentals necessary to complete the work.