

**ITEM 11586.2001 M - DRILL AND GROUT ANCHOR BOLTS IN CONCRETE**

**DESCRIPTION:**

The work shall consist of drilling holes into existing concrete through existing granite facing and, grouting new stainless steel anchor bolts at locations indicated on the plans and as directed by the Engineer.

**MATERIALS:**

1. Stainless steel bolts (Type 304 or 305 meeting ASTM A193, Grade B8 or B8P, Class 2).....\$715-16
2. . Grout Material.....\$721-03

**CONSTRUCTION DETAILS:**

The requirements of Subsection 586-3.02 shall apply.

Drilling shall not cause spalling, cracking or other damage to the existing surface. Damage to material caused by the Contractor's operations shall be repaired in a manner satisfactory to the Engineer, at no cost to the State. Anchors damaged by the Contractor shall be replaced at no cost to the State.

If approved by the Engineer, hole locations may be moved to avoid encountering reinforcing steel.

The Contractor may increase the embedment length beyond that required by the plans, if approved by the Engineer.

**METHOD OF MEASUREMENT**

This work will be measured for payment as the number of anchor bolts in concrete satisfactorily drilled and grouted.

**BASIS OF PAYMENT**

The unit price bid for drill and grout anchor bolts in concrete shall include the cost of all labor, materials and equipment necessary to perform the work.