

**SECTION 11.01  
POLE ANCHOR**

**11.01.01--Description:** This work shall consist of furnishing and installing a pole anchor of the type specified on a new or an existing pole at the location shown on the plans or as directed by the Engineer. The quantity of pole anchors shown on the plans are approximate only. The actual number and location of anchors shall be such as to provide adequate support for those poles to which the span is being attached as determined in the field.

**11.01.02--Material:** The materials for this work shall conform to the pertinent requirements of Article M.16.04.

**11.01.03--Construction Methods:** A lead of approximately 6 m should be maintained from the pole when placing the anchor. The hole for the anchor shall be mechanically dug, and the diameter will be the nominal size of the unexpanded diameter of the anchor. A slot shall be cut in the side of the hole to permit the anchor rod to line up with the guy strand. The anchor rod shall extend above the ground not less than 150 mm nor more than 300 mm. Prior to installation, the anchor shall be locked in its expanded position. This shall be done by marking the expanding bar end away from the anchor, with the anchor in the expanded position. The Contractor shall collapse the anchor tie plates and install in the hole with the expanding bar, and expand into undisturbed earth with several heavy blows on the expanding bar. The anchor will be fully expanded when the mark on the expanding bar is opposite the top of the anchor rod. All backfill is to be thoroughly tamped as it is being placed. When required on wood poles, a wet porcelain strain insulator shall be installed on the guy strand as shown on the installation detail sheet. Care shall be exercised in placing anchors in the vicinity of private property. Where necessary state forces will establish property lines.

**11.01.04--Method of Measurement:** This work will be measured for payment by the number of anchors completed and accepted in place.

**11.01.05--Basis of Payment:** This work will be paid for at the Contract unit price each for "Pole Anchor," complete in place, which price shall include all materials, anchor, anchor rod, anchor guy strand wire, anchor guy protector, excavation and backfilling, and all necessary fittings, hardware, tools, labor and work incidental thereto. Only those anchors installed on existing poles will be paid for under this item. When new woodpoles are installed the required anchor is paid for in the price of the pole.

Pay Item  
Pole Anchor

Pay Unit  
EA.