

## **ITEM 10563.41 M - PRECAST CONCRETE PILE CAPS**

### **DESCRIPTION**

The work shall consist of fabricating, furnishing, and installing the precast concrete pile caps at the locations shown on the plans.

### **MATERIALS**

The precast concrete shall meet the requirements of 704-03, Precast Concrete - General, with the following modifications:

- A. Cement. Cement shall be Type II. Only one type of cement shall be used to fabricate units for any one structure.
- B. Admixtures. DCI or approved equal shall be incorporated into the concrete at a rate of 26.7 liters per cubic meter.
  - 1. The use of calcium chloride, or an admixture containing calcium chloride will not be permitted.

### **CONSTRUCTION DETAILS**

Precast concrete pile caps provided under this specification shall meet all design requirements for the structure for which they are being fabricated. The details for the cast-in-place segments shall be as close to the details for the precast cap as practical.

### **METHOD OF MEASUREMENT**

This work will be measured as the number of linear meters (horizontal length as shown on the plans) of precast concrete pile caps placed in accordance with the plans and specifications.

### **BASIS OF PAYMENT**

The unit price bid for these units shall include all labor, materials and equipment necessary to complete the work.

Damaged units which cannot be satisfactorily repaired or which do not meet dimensional and camper tolerances shall be replaced by the Contractor at no cost to the State.

Partial payment shall be made in accordance with section 109-04, Partial Payments.