

## **ITEM 04607.8102 M - VEHICLE BARRIER GATE**

### **DESCRIPTION:**

Under this item the Contractor shall furnish and install vehicle barrier gates at the location shown on the plans in accordance with the plans, details, and specifications.

### **MATERIALS:**

Steel pipe and fittings shall be of the type and size shown on the plans and shall meet the requirements of Section 710-10.03 Iron Posts, Rails, Braces, and Fittings for Chain Link Fencing. Wood posts, shall meet the requirements of Section 710-13, Wood Posts.

Concrete for bases shall be Class A conforming to the requirements of Section 510 Portland Cement Concrete, General, except that the requirements for automated batching shall not apply.

### **CONSTRUCTION DETAILS:**

The vehicle barrier shall be installed according to the plans and details and as ordered by the engineer. Shop drawings indicating details of all connections and locking mechanisms shall be prepared by the Contractor and approved by the engineer prior to installation of the gate.

Any galvanizing damaged in the field prior to and during erection of the vehicle barrier shall be repaired in accordance with the requirements of Section 719-01 Galvanized Coatings and Repair Methods.

Where required, each gate shall be supplied with a weatherproof lock and three keys of the type specified on the plans or as approved by the engineer.

### **METHOD OF MEASUREMENT:**

The quantity to be paid for will be measured as the number of gates furnished and installed in accordance with the plans, details, and specifications.

### **BASIS OF PAYMENT:**

The unit price bid shall include the cost of all labor, materials, and equipment necessary to complete the work as specified; including wood posts, excavation for posts and footings, and concrete footings.