

## Section 639—Strain Poles For Overhead Sign and Signal Assemblies

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### 639.1 General Description

General Provisions 101 through 150.

#### 639.1.01 Definitions

General Provisions 101 through 150.

#### 639.1.02 Related References

##### A. Standard Specifications

Section 501—Steel Structures

##### B. Referenced Documents

General Provisions 101 through 150.

#### 639.1.03 Submittals

General Provisions 101 through 150.

### 639.2 Materials

#### 639.2.01 Delivery, Storage, and Handling

Steel Strain Poles:

1. Should only be accepted from fabricators on the [Qualified Products List](#).
2. Verify that sign components arriving on the Project have been sampled, tested, and approved by the Department.
3. Sign components with no indication of pre-inspection and unstamped will not be installed until proper testing and approval has been secured by Inspection Services Branch from the [Office of Materials and Research](#).

Anchor Bolts:

1. Verify that Anchor Bolts have been sampled, tested, and approved by the Department. Anchor Bolts will have a “GDT” stamp on each bolt.
2. If anchor bolts are not pre-inspected, one anchor bolt of each diameter from each shipment shall be submitted for testing to the [Office of Materials and Research](#).
3. If no indication of pre-inspection and unstamped do not allow the contractor to incorporate into the work until proper testing and approval has been secured by Inspection Services Branch from the [Office of Materials and Research](#).

The Project Engineer should visually inspect Steel Strain Poles and Anchor Bolts that have pre-inspection stamps, and check for the following:

1. Verify not damaged from shipment.
2. Free of white rust.
3. Proper size for the project and location.

### 639.3 Construction Requirements

#### 639.3.01 Personnel

General Provisions 101 through 150.

#### 639.3.02 Equipment

General Provisions 101 through 150.

#### 639.3.03 Preparation

General Provisions 101 through 150.

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### **639.3.04 Fabrication**

General Provisions 101 through 150.

### **639.3.05 Construction**

General Provisions 101 through 150.

### **639.3.06 Quality Acceptance**

General Provisions 101 through 150.

### **639.3.07 Contractor Warranty and Maintenance**

General Provisions 101 through 150.

## **639.4 Measurement**

General Provisions 101 through 150.

### **639.4.01 Limits**

General Provisions 101 through 150.

## **639.5 Payment**

General Provisions 101 through 150.

### **639.5.01 Adjustments**

General Provisions 101 through 150.