

## **SECTION S643 – PARKING METER POST AND SIGN POST SLEEVE**

### **S643-1 DESCRIPTION**

Work consists of furnishing and installing parking meter posts and sign post sleeves as required in Contract Documents and as directed by Project Manager.

References to NYSDOT specifications are to be in accordance with latest edition of *NYSDOT Standard Specifications (US Customary Units)*.

### **S643-2 MATERIALS**

#### **S643-2.01 Parking Meter Post**

Parking meter post is to be standard 2 inch inside diameter galvanized steel pipe, 6 feet standard length, 3 feet long for installation over underground structure. Post is to be reinforced with 1/2 inch bar stock welded to post.

For installation over underground structure, bottom of post is to be centered on and welded all around to 12 inch square 1/4 inch cast steel base plate. Post and base plate assembly is to be reinforced with four 1/4 inch 2 inch by 2 inch cast steel fillets cut on 45° angle welded all around to both post and base plate. Base plate is to be anchored to paved area with four 1/2 inch 3 inch long wedge anchor bolts.

#### **S643-2.02 Sign Post Sleeve**

Sign post sleeve for use in paved areas is to be standard 3-1/2 inch inside diameter galvanized steel pipe, 3 feet standard length, 12 inches for use with anchor plate.

Anchor plate is to be 12 inch square 1/4 inch galvanized steel, with 2-1/4 inch square hole in center for installation of sleeve. Sleeve is to be inserted into hole flush with bottom of anchor plate, and welded all around to anchor plate. Anchor plate is to be anchored to paved area with four 1/2 inch 3 inch long wedge anchor bolts.

#### **S643-2.03 Concrete**

Concrete is to be Class K in accordance with Section S504 Portland Cement Concrete.

#### **S643-2.04 Subbase Course**

Subbase course material is to be Type 1 in accordance with NYSDOT Section 304 Subbase Course, with following modification:

Recycled materials, pulverized or recycled portland cement concrete aggregate (RCA) and brick, reclaimed asphalt pavement (RAP), and Corian® are unacceptable for use as subbase course materials, unless specifically authorized in writing by City Engineer.

### **S643-3 CONSTRUCTION DETAILS**

#### **S643-3.01 Parking Meter Post**

Parking meter post is to be centered 2 feet off face of curb, with top of post 3 feet above finished grade. Where distance between back edge of sidewalk and face of curb is less than 7 feet, post is to be centered 18 inches off face of curb. Top end of post is to be reamed so that no burrs will hamper parking meter installation.

Below grade portion of post is to be encased within 12 inch diameter concrete foundation, with foundation set on 6 inch bed of subbase course material.

For installation over underground structure, post is to be installed complete with base plate, and assembly anchored to paved area with wedge anchor bolts.

For installation in lawn area, provide two 12 inch crossing pins installed thru bottom end of pole, and bore 3/8 inch diameter weep hole in post 3 inches above finished grade.

**S643-3.02 Sign Post Sleeve**

Sign post sleeve is to be centered 2 feet plus 1/2 width of sign off face of curb, with top of sleeve set flush with finished grade. Exact location of sleeve will be as directed by Monroe County Department of Transportation, call (585) 753-7750 if proposed location is questionable or if further assistance is required. Top end of sleeve is to be reamed so that no burrs will hamper sign post installation. Sleeve is to be installed prior to placement of new pavement.

Below grade portion of sleeve is to be encased within 12 inch diameter concrete foundation, with foundation set on 6 inch bed of subbase course material.

Where anchor plate is to be utilized, sleeve is to be installed complete with anchor plate, and assembly anchored to paved area with wedge anchor bolts.

**S643-4 METHOD OF MEASUREMENT**

Quantity to be measured for payment will be number of each parking meter post or sign post sleeve installed.

**S643-5 BASIS OF PAYMENT**

**S643-5.01 Parking Meter Post**

Unit price bid includes cost of: furnishing and installing parking meter post, bar stock, hardware; welding; cleaning, cutting, reaming post; painting; concrete foundation; subbase course material; excavation; backfill; and furnishing all labor, material and equipment necessary to complete work.

**S643-5.02 Parking Meter Post with Base Plate**

Unit price bid includes cost of: furnishing and installing parking meter post, bar stock, base plate, fillets, wedge anchor bolts, hardware; welding; cleaning, cutting, reaming post; painting; boring holes in paved area; and furnishing all labor, material and equipment necessary to complete work.

**S643-5.03 Sign Post Sleeve**

Unit price bid includes cost of: furnishing and installing sign post sleeve; cleaning, cutting, and reaming sleeve; concrete foundation; subbase course material; excavation; backfill; and furnishing all labor, material and equipment necessary to complete work.

**S643-5.04 Sign Post Sleeve with Anchor Plate**

Unit price bid includes cost of: furnishing and installing sign post sleeve, anchor plate, wedge anchor bolts, hardware; welding; cleaning, cutting, and reaming sleeve; boring holes in paved area; and furnishing all labor, material and equipment necessary to complete work.

Payment will be made under:

<b>ITEM NO.</b>	<b>ITEM</b>	<b>PAY UNIT</b>
S643.0101	Parking Meter Post (Paved Area)	Each
S643.0201	Parking Meter Post with Base Plate	Each
S643.0301	Parking Meter Post (Lawn Area)	Each
S643.0401	Sign Post Sleeve	Each
S643.05	Sign Post Sleeve with Anchor Plate	Each

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