

SECTION S643 – PARKING METER POST AND SIGN POST SLEEVE

S643-1 DESCRIPTION

Work consists of furnishing and installing parking meter post with/without base plate and sign post sleeve with anchor plate as required in Contract Documents and as directed by Project Manager.

References to NYSDOT specifications are to be in accordance with *NYSDOT Standard Specifications (US Customary Units)* in effect at time of bid advertisement.

S643-2 MATERIALS

S643-2.01 Parking Meter Post

Parking meter post is to be 2 inch inside diameter standard weight (schedule 40) galvanized steel pipe, 6 feet or 3 feet length. Bar stock used to reinforce post is to be 1/2 inch thick.

Base plate is to be 12 inch square 1/4 inch cast steel. Fillets are to be 1/4 inch by 2 inch by 2 inch cast steel cut on 45° angle. Wedge anchor bolts to be 1/2 inch by 3 inch.

S643-2.02 Sign Post Sleeve and Anchor Plate

Sign post sleeve is to be standard 2-1/4 inch square 12 gauge galvanized steel pipe, 12 inch length, with 7/16 inch holes 1 inch on center.

Anchor plate is to be 12 inch square 1/4 inch galvanized steel, with 2-1/4 inch square opening in center for installation of sleeve. Wedge anchor bolts to be 1/2 inch by 3 inch.

S643-2.03 Concrete

Concrete is to be either 4000 psi high-early or Class D concrete in accordance with NYSDOT Section 501 Portland Cement Concrete – General.

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

Exact location of parking meter post will be as directed by Bureau of Parking. If there are any questions regarding location, call Bureau of Parking Administration Office at (585) 428-7484.

Street side face of parking meter post is to be offset 24 inches off face of curb. Offset may be adjusted to 18 inches when the distance between back edge of sidewalk and face of curb is less than 7 feet. Top of post is to be set 3 feet above finished grade, with top reamed so that no burrs will hamper parking meter installation. Bar stock is to be welded on side of post facing away from street.

For standard installation post is to be 6 feet in length, with buried portion being encased within 12 inch diameter concrete foundation set on 6 inch bed of subbase course material. Bore 3/8 inch diameter weep hole thru post wall 3 inches above finished grade.

For installation in lawn area, provide two (2) 12 inch crossing pins installed thru bottom end of post.

Parking meter post with base plate is to be used only in locations where an existing paved area is to remain, or where standard installation with 6 feet length post is not feasible (i.e.: over subsurface obstruction such as areaway, parking garage, or other structure, and top of obstruction is known to be shallow). Bottom of post is to be centered on base plate, and attached to base plate with four (4) fillets (1 each quadrant) welded to both post and base plate. Base plate is to be anchored to paved area with four (4) wedge anchor bolts.

S643-3.02 Sign Post Sleeve with Anchor Plate

Sign post sleeve with anchor base may only be used at sole discretion of City Engineer, and as approved by Monroe County Department of Transportation (MCDOT).

Exact location of sign post sleeve will be as directed by MCDOT. If there are any questions regarding location, call MCDOT for further assistance at (585) 753-7750.

Sign post sleeve with anchor plate is to be used only where V-Loc sign post base installation is not feasible (i.e.: over subsurface obstruction such as areaway, parking garage, or other structure, and top of obstruction is known to be shallow).

Sign post sleeve is to be centered off face of curb 24 inches plus 1/2 width of sign, and installed complete with anchor plate. Sleeve is to be inserted into opening in anchor plate flush with bottom of anchor plate, and welded all around to anchor plate. Anchor plate is to be anchored to paved area with four (4)-wedge anchor bolts. Top end of sleeve is to be reamed so that no burrs will hamper sign post installation.

S643-4 METHOD OF MEASUREMENT

Quantity to be measured for payment will be number of units 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; boring hole in post; 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; boring hole in post; 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 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:

ITEM NO.	ITEM	PAY UNIT
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
S643.05	Sign Post Sleeve with Anchor Plate	Each

REVISED December 9, 2021