

INFORMATIONAL SIGN WITH STEEL POSTS

****From Addison STP 032-1(18)**

- xx. DESCRIPTION. This work shall consist of furnishing and erecting informational sign posts and installing a sign provided by others at the location(s) indicated in the Plans and as directed by the Engineer.
- xx. MATERIALS. Informational sign posts shall be provided as detailed in the Plans.
- (a) Crushed Stone. Crushed stone shall meet the requirements of Subsection 704.06.
- (b) Concrete. Concrete shall meet the requirements of Section 541 for Concrete, Class A.
- (c) Hardware. Steel hardware shall meet the requirements of Subsection 750.12. Fasteners shall be stainless steel and vandal resistant.
- xx. FABRICATION. The posts shall be powder coated to the color specified in the Plans.

Prior to the application of the powder coating, all posts shall be free of all visible oil, grease, dirt, dust, or any other defect that could hinder the adhesion of the powder coating material. Once the posts are free of all defects, they shall be preheated to 216°C (420°F) to allow for out-gassing of the material. This will assure minimal out-gassing after application of the powder coating.

The pedestal and plate shall receive an electrostatically applied exterior powder finish to the color specified in accordance with the recommendations and procedures required by the Powder Coating Institute, Inc., 2121 Eisenhower Avenue, Suite 401, Alexandria, VA 22314 [Tel.: (703)684-1770, Fax: (703)684-1771]. The posts shall receive an electrostatically applied exterior powder finish with Triglycidyl Isocyanurate (TGIC) polyester out-gassing powder to a minimum dry thickness of 4 mils.

The powder shall be applied in such a manner that the coating will not peel off. The powder coating shall be applied without voids, tears, or cuts that reveal the substrate and shall thoroughly adhere to the posts without peeling when scratched with a pick device or knife blade point.

Any chips, gouges, and deep scratches to the base metal in the exterior powder coat finish shall constitute rejection of the post. Any defects in the powder coat finish occurring as a result of transporting materials, erection, or due to mishandling of the posts by the Contractor, as deemed by the Engineer, shall be repaired with a field-applied top coat or any other acceptable practice recommended by the Powder Coating Institute. If a field-applied top coat is utilized, prior to application, the exterior surfaces shall be free of any contaminants such as oil, grease, dirt, dust, etc. Appropriate

solvents can be used to remove specific contaminants. Light sanding of the exterior surfaces further enhance adhesion of the top coat.

- xx. INSTALLATION. The signs and informational sign posts shall be installed at the location(s) shown in the Plans and in accordance with the manufacturer's recommendations.

The informational sign posts shall be installed true, plumb, and level at the spacing shown in the Plans.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Informational Sign with Steel Posts) to be measured for payment will be the number of each informational sign with post installed in the complete and accepted work.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Informational Sign with Steel Posts) will be paid for at the Contract unit price for each. Payment will be full compensation for installing a complete informational sign with post in accordance with the Contract Documents, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Surface course will be paid for separately under Contract item 900.608 Special Provision (Aggregate Surface Course, Sidewalk/Trail).

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.620 Special Provision (Informational Sign with Steel Posts)	Each