**SPP00856 (01-01-21)**

***(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project. Remove all instructions before preparing the final document.)***

***(Use the following when surface mounted tubular markers are included in project.)***

**Section 00856 - Surface Mounted Tubular Markers**

Comply with section 00856 of the Standard Construction Specifications modified as follows:

Replace this subsection with the following:

**00856.10 Materials** – Furnish the following materials:

* 36-inch tall, three (3)-inch diameter round flexible plastic surface mounted tubular marker/delineator, with two (2) three (3)-inch wide bands of hi-intensity reflective sheeting, and anti-twist reactive spring unit base assembly.
* Eight (8)-inch fixed base
* Eight (8)-inch bituminous adhesive

**00856.40 General** - Replace this subsection with the following:

**00856.40 Surface Mounted Tubular Markers:**

1. **General** - Install surface mounted tubular markers straight and true to line at the position or spacings shown.
2. **Surface Preparation** – Remove contaminants from the surface which would adversely affect the bond of the adhesive.

Sandblast or steel shot blast the surface to remove all surface contaminants. Use a blast of clean air to remove all loose particles from the surface.

1. **Installation** – In addition to bolting the base of the surface mounted tubular marker to the surface, bond the surface mounted tubular marker to the surface using an adhesive according to the manufacturer’s recommendations.

Apply adhesive for surface mounted tubular marker to a clean, dry surface.

Do not install on a joint or crack. To avoid longitudinal cracks and joints, adjust the base up to one half the width of the base. To avoid transverse cracks and joints, adjust base ahead or back of the line plus or minus five (5) inches.

***(Use the following paragraph when surface mounted tubular markers will be installed onto a bridge deck surface.)***

Markers are not to be bolted onto bridge deck surfaces.

**00856.90 Payment**  – Replace the paragraph that begins “The accepted quantities…” with the following language

The accepted quantities of work performed under this section will be paid for at the Contract unit price, per each, for the following item:

 **Pay Item Unit of Measurement**

1. Surface Mounted Tubular Markers..........................................Each

At the end of the subsection, add the following line:

No separate or additional payments will be made for preparation work or cleaning up.