

615-C-239 MONUMENTS

(Adopted 07-17-14)

The Standard Specifications are revised as follows:

SECTION 615, BEGIN LINE 54, DELETE AND INSERT AS FOLLOWS:

The pin shall be set perpendicular to and flush with the top of the monument while the concrete is plastic and left undisturbed until the concrete has set. The pin shall be ~~copper~~ steel and shall be 1 in. in diameter and 5 in. long. If for type D monuments, the hole shall be drilled in the center with a 1/8 in. drill for a depth of 1 1/2 in. The hole shall be filled with lead flush with the end of the pin. Castings for protected monuments shall be in accordance with 910.05(a).

SECTION 615, BEGIN LINE 96, DELETE AND INSERT AS FOLLOWS:

615.09 Setting Monuments

If the location of a monument falls within the limits of a cement concrete pavement, a ~~copper~~ steel pin, the details of which are shown on the plans, shall be set perpendicular to and flush with the top of the finished pavement. It shall be placed just before the concrete takes initial set and then left undisturbed until the concrete has set. Other monuments shall be of the type shown on the plans, depending on the type or surface of the pavement in which they are to be placed or if they are to be placed outside of pavement. Necessary excavation shall be to the required depth. The bottom of the excavation shall be firm and true to line and grades given. After a monument is in place, the remaining excavated areas shall be backfilled with suitable material firmly tamped in layers. The monument shall not be disturbed.

Existing monuments which are not required to be disturbed or re-established, but which are disturbed during construction operations, shall be re-established.

615.10 Re-Established Monuments

It may be necessary to re-establish existing monuments in pavements or bases which are disturbed unavoidably or covered by operations embraced in the contract.

If the existing monument is, or contains a brass, ~~or~~ copper, *or steel* pin, the pin shall be extended to the surface of the new pavement by attaching a ~~brass or copper~~ pin *of the same metal* with at least a 1 in. diameter and of the length required. Such extensions shall be attached by tapping the original pin and providing a necessary screw attachment such that the extension can be fastened securely to the original pin. The tapped hole shall be at least 1/4 in. in diameter and no less than 1 in. deep. The screw attachment shall have the same diameter as for the hole in the original pin and shall be no less than 1 in. in length.
