

615-R-666 MONUMENTS, MARKERS, AND PARKING BARRIERS

(Adopted 09-21-17)

The Standard Specifications are revised as follows:

SECTION 615, BEGIN LINE 10, INSERT AS FOLLOWS:

**615.02 Materials**

Materials shall be in accordance with the following:

Coarse Aggregate, Class A or Higher, Size No. 8 or 91 .....	904
Fine Aggregate, Size No. 23 .....	904
Portland Cement.....	901.01(b)
<i>Post</i> .....	<i>911.02(d)</i>
Reinforcing Bars .....	910.01

SECTION 615, BEGIN LINE 69, DELETE AND INSERT AS FOLLOWS:

**615.06 Parking Barriers**

Parking barriers shall be of the dimensions shown on the plans.

*Placement of parking barriers shall be at the locations and in accordance with the details shown on the plans, or as otherwise directed.*

*Existing parking barriers to be removed and reset shall be removed without damage, stored and reinstalled as shown on the plans.*

**(a) Concrete**

The *concrete* barriers shall be cast and tested in accordance with the applicable requirements of 615.03, except the strength shall be determined by concrete cores taken from the finished product. At least two concrete cores will be taken from each unit and the average strength of the unit shall be at least 4,000 psi with no individual core strength less than 3,600 psi.

**(b) Wood Post**

*Vertical wood posts as parking barriers shall be round, roofed on top, and be dimensioned as shown on the plans. The posts shall be in accordance with the applicable requirements of 911.02(d).*

SECTION 615, BEGIN LINE 150, DELETE AND INSERT AS FOLLOWS:

**615.13 Method of Measurement**

Right-of-way markers, reset right-of-way markers, monuments, re-established monuments, castings adjusted to grade monuments, bench mark posts, ~~and~~ reset bench mark posts, *parking barriers, and reset parking barriers* will be measured by the number of units installed. ~~Parking barriers will be measured by the number of units installed.~~

**615.14 Basis of Payment**

The acceptable quantities of right-of-way markers, reset right-of-way markers, monuments, re-established monuments, castings adjusted to grade monuments, bench

mark posts, ~~and~~ reset bench mark posts, ~~and~~ parking barriers, *and reset parking barriers* will be paid for at the contract unit price per each, complete in place.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit Symbol</b>
Bench Mark Post.....	EACH
Bench Mark Post, Reset .....	EACH
Casting Adjusted to Grade, Monument.....	EACH
Monument, _____ .....	EACH
type	
Monument, Re-Establish.....	EACH
Parking Barrier, <i>Concrete</i> .....	EACH
<i>Parking Barrier, Reset</i> .....	<i>EACH</i>
<i>Parking Barrier, Wood Post</i> .....	<i>EACH</i>
Right-of-Way Marker.....	EACH
Right-of-Way Marker, Reset.....	EACH

The cost of setting tablets in structures or bench mark posts, extensions for monuments, adjustment castings, *backfill, disposal of surplus materials*, re-establishing disturbed existing monuments, and *all* other necessary incidentals shall be included in the cost of the pay items *in this section*.

*The cost of existing parking barrier removal, storage, resetting, and all other necessary incidentals needed for resetting shall be included in the cost of parking barrier, reset. Existing barriers that are damaged by the Contractor shall be replaced with no additional payment.*