

X7810300 RECESSED REFLECTIVE PAVEMENT MARKER (LCDOT)

Effective: December 2, 2013

Revised: February 10, 2017

Description: This work shall consist of furnishing and setting reflective pavement markers in a recessed groove in the pavement. The recessed pavement markers shall be used to supplement other pavement markings, similar to the use of Raised Reflective Pavement Markers.

Materials: The reflective pavement marker lens shall be a 3M 190 series pavement marker or an approved equal. The reflector holder shall be a MarkerOne Series R100 reflector holder or an approved equal. The epoxy used shall be as recommended by the pavement marker manufacturer.

Installation: The spacing and orientation of the pavement markers shall be as shown on the plans and/or as directed by the Engineer.

A recessed groove shall be cut in the pavement 5.25" wide and 1.0" deep on a 15.5" diameter. A 3.5' long groove shall taper from 0" (normal pavement) to 0.35" depth (full-recessed) before and after the groove. For additional detail see the LCDOT standard LC7805.

The recessed area shall be cleaned free of all loose material, and be dry before the placement of the pavement marker. All excess material resulting from the construction of the recessed area shall be completely removed from the surface of the roadway by means of a vacuum sweeper truck. The pavement marker shall be cemented with epoxy in the center of the 1.0" deep recessed groove.

Inspection: The recessed reflective pavement marker shall be inspected following installation, but no later than November 30 of the year installed. Following a winter performance period (December 1 – May 31), a final inspection will be made and corrective action (if required) taken according to the requirements of Article 781.04 of the "Standard Specifications". During the inspection a straight edge shall be placed across the recess to check that the top of the marker is below the pavement.

Basis of Payment: This work will be paid for at the contract unit price each for RECESSED REFLECTIVE PAVEMENT MARKER. Payment shall be made according to the inspection and bonding requirements in Article 781.04 of the "Standard Specifications". *The unit price shall include all costs for cutting the grooves into the pavement. The unit price shall also include all equipment, materials and labor required to install the recessed reflective pavement markers.*