REVISION OF SECTION 612

LOCATION MARKERS

Section 612 of the Standard Specifications is hereby revised for this project as follows:

**Description**

Contractor shall furnish and install location markers for identifying fiber optic cable and other utilities at locations shown on the plans.

**Material**

Location Marker (Fiber Optic) (Dome) shall be made of non-conductive high-density polymer, and shall be integrally white in color with an orange cap. All colors shall be stabilized against ultraviolet light such that they will not fade under continuous exposure to direct sunlight. The marker shall retain dimensional stability in temperatures ranging between -40º F and 175º F. In some instances when markers are installed on National Forest Service Lands the fiber optic marker shall be brown in color.

**Construction**

Location Marker (Fiber Optic) (Dome) shall be installed at appropriate Pull Box locations as shown on the plans to identify both the backbone fiber cable and lateral fiber cable.

The marker shall include a label with CDOT contact information and the designation of “FIBER OPTIC CABLE”. The label shall have black lettering on an orange background. The Contractor shall provide the label submittal to the Project Engineer.

**Method of Measurement**

Location markers and labels will be measured by the actual number of markers that are placed and accepted.

**Method of Payment**

### Pay Item Pay Unit

Location Marker (Fiber Optic) (Dome) Each

Payment will be full compensation for all work, materials and equipment required to place the markers at the locations shown on the plans, including excavation, backfill, and patching.

Concrete for footing will not be measured and paid for separately but shall be included in the Marker.