October 4, 2019

REVISION OF SECTION 630

BARRIER (TEMPORARY)

1. **NOTICE**

This is a standard special provision that revises or modifies CDOT’s *Standard Specifications for Road and Bridge Construction*. It has gone through a formal review and approval process and has been issued by CDOT’s Project Development Branch with formal instructions regarding its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by the Standards and Specifications Unit of the Project Development Branch. The instructions for use on CDOT construction projects appear below.

Other agencies that use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

**Instructions for use on CDOT construction projects:**

Use this standard special provision on projects with temporary barrier.

Section 630 of the Standard Specifications is hereby revised for this project as follows:

Delete subsection 630.08 and replace with the following:

**630.08 Temporary Barrier.** Temporary Barrier shall comply with the crash test requirements contained in NCHRP Report 350 (for devices manufactured prior to 2020) or MASH (acceptable for all temporary barrier). Retroreflectorization is required on all temporary barrier according to Standard Plans S-612-1 and M-606-14, and shall meet material qualities in accordance with Section 713. All barrier types shall be designed to accommodate appropriate end treaments, transitions and deliniation devices. Previously damaged barrier shall not be installed and barrier damaged after installation shall be removed and replaced, or repaired (for minor damage not affecting design intent) per manufacturer.

(a) *Concrete Barrier*. Temporary concrete barrier shall conform to precast Type 7 Concrete Barrier as detailed in Standard Plan M-606-14.

(b) *Non-Concrete Barrier*. Temporary non-concrete barrier shall be on the Department’s Approved Product List. If used, metal barrier shall be made of galvanized steel. All non-concrete barrier types shall be designed to allow for proper drainage runoff. Barrier shall be installed and maintained according to manufacturer requirements, and include all necessary components for installation. Product specific documention pertaining to installation, maintenance, repair, removal, and inspection shall be provided by the Contractor prior to installation.

In subsection 630.17 delete the third paragraph and replace with the following:

Traffic channelizing devices consisting of vertical panels, traffic cones, or drums will be measured by the unit. Barrier (Temporary) will be measured by the linear foot. Barricades will be measured by the number used. Barricade warning lights shall be furnished as a part of this item when required by the Traffic Control Plan (TCP). Advance Warning Flashing or Sequencing Arrow Panels will be measured by the unit according to size.

In subsection 630.18 delete the following:

**Pay Item Pay Unit**

Concrete Barrier (Temporary) Linear Foot

Subsection 630.18 shall include the following:

**Pay Item Pay Unit**

Barrier (Temporary) Linear Foot