



Connecticut DOT

Number: ECD-2021-7

Bureau of Engineering and Construction

Date: March 24, 2021

ENGINEERING & CONSTRUCTION DIRECTIVE

Bureau Chief/Chief Engineer

New Temporary Traffic Barrier Standard Sheets

This directive supplements [Interim Guidance: MASH Implementation, Roadside Barriers \(EB-2017-3\)](#) and implements the Department's new Temporary Traffic Barrier standard that has passed MASH crash testing criteria. All projects that have a scheduled Final Design Plan submission date after September 1, 2021 are required to include the new [Standard Drawings](#) and [owned special provision](#) (0.133 Sec 0822 Temporary Traffic Barrier). The new Temporary Traffic Barrier standards also includes roadway pinned barriers and bridge bolted barriers with their corresponding pay items. Engineers should use bid history from the respective Temporary Concrete Barrier Curb item for estimating (see Section 4.7.2 "Adding Bid Based Prices to an Item with no Bid History" of [Estimator CTDOT Users Guide](#)).

The new special provision allows for the continued use of the current Jersey Shape temporary precast concrete barrier curb for the remainder of its service life; therefore, both the current and new [standard drawings](#) must be included into Contracts. Furthermore, it allows the use of proprietary products that are available; therefore, the immediate use of the new Temporary Traffic Barrier [owned special provision](#) (0.133 Sec 0822 Temporary Traffic Barrier) is therefore highly encouraged.

The Temporary Traffic Barrier (Moveable) item has been added to the Master Bid Item List; however, it is not addressed by the new special provision. Designers are still responsible for product(s) selection and specification development for moveable barriers.

Resources for Construction Contracts

Standard Drawings are available through the Departments [Standard Drawings](#) webpage for use in Contracts:

HW-822_02a – Temporary Traffic Barrier

HW-822_02b – Temporary Traffic Barrier (Bolted)

HW-822_02c – Temporary Traffic Barrier and Temporary Traffic Barrier (Pinned)

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The following new contract items have been added to the Master Bid Item List and are available for use in Contracts:

Item Number	Description
0822100.01	Temporary Traffic Barrier
0822100.02	Temporary Traffic Barrier (Pinned)
0822100.03	Temporary Traffic Barrier (Bolted)
0822100.60	Temporary Traffic Barrier (Moveable)
0822101.01	Relocated Temporary Traffic Barrier
0822101.02	Relocated Temporary Traffic Barrier (Pinned)
0822101.03	Relocated Temporary Traffic Barrier (Bolted)