



Connecticut DOT

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Bureau of Engineering and Construction

Date: June 22, 2017

ENGINEERING & CONSTRUCTION DIRECTIVE

Chief Engineer

Implementation of Smart Work Zones Guide

Smart Work Zones (SWZ) are applications of Intelligent Transportation Systems (ITS) technology in work zones, utilized to help increase safety and mobility. Through appropriate use of SWZ, the Department aims to improve safety for roadway users and work zone personnel, increase mobility in work zones, and reduce work zone traffic incidents.

The [Smart Work Zones Guide](#) presents the basic guidelines for the consistent and uniform usage of SWZ in the State of Connecticut. The Guide has been developed as a collaborative effort between the Bureau of Highway Operations (Highway Operations) and the Bureau of Engineering and Construction (Division of Traffic Engineering and Office of Construction). It provides an introduction to SWZ concepts, components, goals, and objectives, as well as an overview of different SWZ applications to be used by the Department.

Project designers remain responsible for customizing and adapting this guidance to meet specific project needs, conditions, and context. The project designer is responsible for the initial evaluation for the need for SWZ at the Preliminary Design Phase and to contact the SWZ Feasibility Determination Committee for recommendation. For all projects determined to require SWZ, the designer shall develop a separate SEAFORM submittal specifically for the SWZ applications.

The [Smart Work Zones Guide](#) is posted as a searchable pdf on the Department's web site.



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