

# Work Zone Mobility and Safety Accomplishments

## 2014 to Present

2014

Jan



### Formed Traffic Critical Project Working Group

- IWZ vendor contract
- 14 IWZ projects
- Created standard policies and procedures for IWZ planning, deployment, integration, and monitoring

Apr



### Lane Closure Planning Tool Rollout

2015

Developed procedures to move TCP and mitigations into everyday DOT business

58 TCP Projects 27 with IWZ

Nov

2014-2015 Work Zone Field Review Process Review Report

2016

Implemented procedures to move TCP and mitigations into everyday DOT business

64 TCP Projects 34 with IWZ



### Preliminary testing of smart arrow boards

Began near real time reporting of mobility and safety impacts

2017

May



### TCP Checklist Rollout

• Identified Traffic Critical Projects, selection of mobility and safety mitigations and developed minor TMP

78 TCP Projects 42 with IWZ

July



### Began work on TSMO Work Zone Management Service Layer

Nov



### Work Zone Management CMF Workshop

• Established goals to improve six service layer dimensions to improve work zone management

2016-2017 Work Zone Field Review Process Review Report

2018

May



### TSMO Work Zone Business CMF

• Identified processes to transfer best practices from field operations to design

89 TCP Projects 37 with IWZ

Jun



### Adopted and Implemented TSMO Work Zone Management Service Layer Plan

July

Daily performance data using sensor, probe and crash data



IWZ  
TCP

TCP Program Milestones  
Intelligent Work Zones  
Traffic Critical Projects

TSMO  
CMF

Transportation Systems Management and Operations  
Capability Maturity Framework

## 2019

Mar • Added Chapter 9E and 9F TCP to Design Manual

**WRL**

### Established Work Zone Reference Library

75 TCP Projects 35 with IWZ

July



### Formed Work Zone Council

• Provides overarching leadership and direction of work zone activities throughout the state

Updated Design Manual Chapter 9 Traffic Control

Updated Maintenance Work Zone Instruction Memorandums

Aug



### Smart Arrow Board Announcement

Nov

First Annual Work Zone Safety Awards

2018-2019 Work Zone Field Review Process Review Report

Dec



### Work Zone Information Sharing Workshop

### Work Zone Management CMF Workshop

## 2020

Jan



### Updated Work Zone Safety and Mobility Policy PPM 500.18

75 TCP Projects 46 with IWZ

July

Established goal of planning for maximum 4 minute delay in work zones

Oct



### Update TSMO Work Zone Management Service Layer Action Recommendations

## 2021

Jan



### Smart Arrow Board Deployment

Received federal WZDx Demonstration Grant to will demonstrate the use of smart arrow board technology to provide validated and granular information for WZDx data feeds statewide.

Mar

Implemented improved process review procedures including incorporation of Work Zone CMF Workshop

May

58 TCP Projects 39 with IWZ

July

Update TCP Checklist to Version 2.0

Sep



### Construction and Materials Bureau

Takes over management of Information Sharing Workshop, Work Zone Reference Library, and Promotion of Safety and Mobility Innovations

Dec



### Work Zone Information Sharing Workshop December 1-2, 2021

### Work Zone Management CMF Workshop December 2-3, 2021

## 2022

Jan

Published plan and protocol for Connected Temporary Traffic Signals for 2023 deployment

May

53 TCP Projects 30 with IWZ

Jun

Implemented Survey Data Analytics to create dashboards to Support Work Zone Process Reviews

Jul



### Update TSMO Work Zone Management Service Layer Action Recommendations