

# Work Zone Safety and Mobility

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## Purpose

To establish guidance and requirements for addressing safety and mobility impacts of Utah Department of Transportation (Department) work zones.

## Policy

Management of work zone safety and mobility impacts for all projects, permits and maintenance activities.

## Definitions

### Significant Projects

Significant projects are all interstate system projects, permits and maintenance activities within the boundaries of a designated Metropolitan Planning Organization that occupy a location for more than three days with intermittent or continuous lane closures.

### Non-Significant Projects

All projects, permits and maintenance activities not meeting the definition of a significant project.

### Transportation Management Plan (TMP)

A TMP is comprised of strategies to manage project work zone impacts. The amount of effort required depends on the level of impact anticipated. A TMP must contain a Traffic Control Plan (TCP) and may also consist of:

- Work zone capacity analysis (WZCA)
- Constructability Plan (CP)
- Public Information (PI) plan

Where:

- A TCP describes measures consistent with Utah MUTCD, Standard Drawings or projects plans to be used for facilitating road users through a work zone or an incident area and compares the benefits as well as potential functional faults of work zone alternatives.
- The WZCA determines how traffic will be impacted by the traffic control, and public costs associated with these impacts.
- A CP determines the needed baseline window to complete the work, and costs associated with alternatives to that baseline to balance mobility, safety and constructability.
- The PI component includes communication strategies that seek to inform affected road users, the public, area residents and businesses, and appropriate public entities about the project, the expected work zone impacts, and the changing conditions on the project. More than just informing, PI can be used to reduce traffic demand by alerting motorists of alternative routes. Consider coordination between other projects in the TMP.

## **Procedure**

Follow the procedure outlined in *Transportation Management Plan Guidelines* to develop the TMP.