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Safety Service Patrol Idea Sharing Network – Session II: Performance Measures





Why Measure TIM Performance?

- Increase transparency and accountability
- Justify funding under resource constraints
- Drive improvements and outcomes
- Improve communication, coordination, and relationships with TIM partners
- Make progress toward the achievement of national goals

...What gets measured, gets performed!



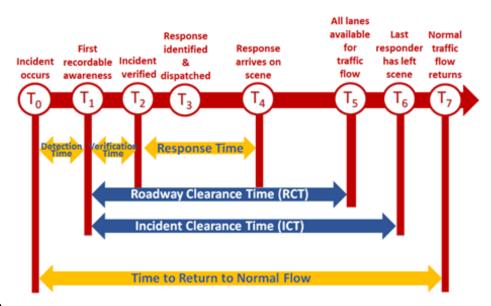


National TIM Performance Measures

Roadway Clearance Time (RCT): Time between the first recordable awareness of an incident by a responsible agency and the first confirmation that all lanes are available for traffic flow.

Incident Clearance Time (ICT): Time between the first recordable awareness of an incident by a responsible agency and the time at which the last responder has left the scene.

Secondary Crashes: The number or percentage of unplanned crashes beginning with the time of detection of the primary incident, where a crash occurs as a result of the original incident either within the incident scene or within the queue in either direction.









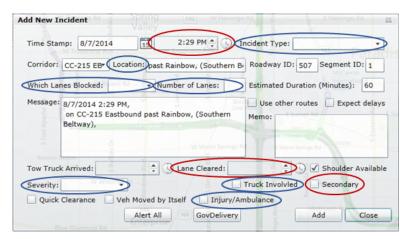
Sources of Incident Data

- Transportation
 - Traffic management/operations centers
 - Freeway Service Patrols
- Law enforcement
 - Crash reports
 - Incident reports
 - Computer-aided dispatch (CAD) systems

Fire department & emergency medical services CAD systems

- Towing companies
- Social media/crowd sourcing (e.g., WAZE)





Source: Freeway and Arterial System of Traffic



NCHRP 07-20: Guidance on the Implementation of TIM Performance Measures



Sponsored by TRB and completed in November 2015

Two primary objectives:

- Develop concise guidance on the implementation of TIM performance measurement that is applicable to a broad spectrum of transportation and incident responding agencies.
- Develop a model database (including schema) for the data elements and performance measures suitable for eventual aggregation of performance measures at a State and national level.

Two products:

- Written guidance document
 - TRB-formatted version downloadable or for purchase from TRB.org
 - Version submitted to TRB in November 2014 (currently available via download from TIM PM website)
- Online guidance tool TIM PM
 - Contains the same information as the written document but it is easy to access and more user friendly

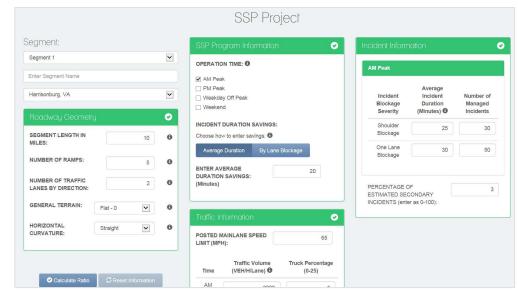






SSP-BC Tool

- Web-based
- User-friendly
- Assist
 - State and local engineers
 - Decision-makers



- Evaluate and compare the monetary value of SSP programs
- An expansion will be complete in August 2015
 - Cover 8 additional traffic incident management (TIM) strategies







TMC Operator/Dispatcher TIM Training

Purpose of this training is to ensure that:

Dispatchers and Transportation Management Center (TMC) operators are fully aware of and integrated into, the traffic incident management (TIM) process.

- Intended to supplement, not replace, site/function-specific training.
- Promotes responder understanding of the roles and responsibilities of dispatchers and TCM operators.





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