



**Workshop**

**April 22, 2016**

**St. Lucie Transportation Planning  
 Organization | Coco Vista Centre**

466 SW Port St. Lucie Blvd, Suite 111  
 Port St. Lucie, FL 34953

**TIME:**

8:30 AM to 3:30 PM

**COST:**

FREE

**RSVP and INFORMATION:**

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**Incorporating Reliability into the Congestion  
 Management Process: A WORKSHOP**

This one-day workshop aims to assist metropolitan planning organizations (MPOs) and their planning partners with incorporating travel-time reliability into the Congestion Management Process (CMP) and into broader planning efforts. It will feature presentations and discussions with experts and practitioners in the field of reliability in transportation planning. The primary objectives of this interactive workshop are to:

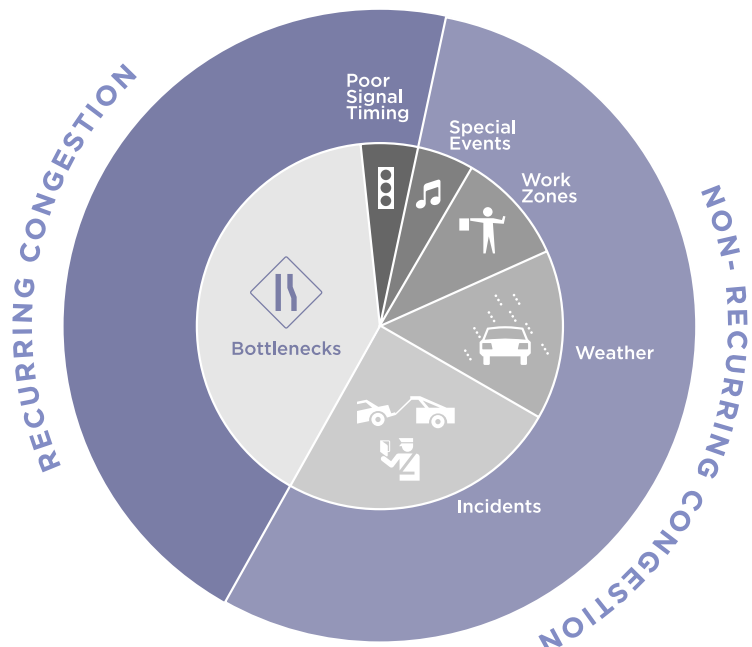
- Facilitate discussion about reliability and enumerate how metropolitan planning organizations and regional planning partners might fully integrate reliability into planning efforts.

**What is Reliability?**

Reliability is a variation in travel time for the same trip from day to day.

**Why does Reliability Matter?**

Congestion due to disruptions account for more delay than recurring congestion. Unpredictable travel times make it difficult for travelers to plan trips and lead to decisions that waste time and money.

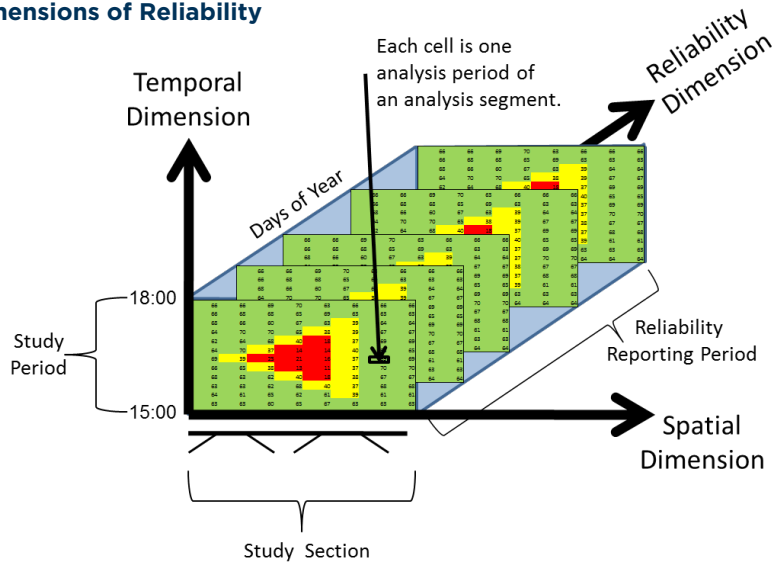




## Why Incorporate Reliability into CMPs?

The CMP is one of the most-effective ways to implement performance measures and strategies that more-closely address the traveling public's expectations for travel-time reliability. It is focused on monitoring conditions, identifying causes, and developing strategies for alleviating congestion.

### Dimensions of Reliability



Source: *Highway Capacity Manual*, Chapter 37 – Travel Time Reliability: Supplemental, Exhibit 37-21, Transportation Research Board, Washington, DC, 2012

## Workshop Outcomes

The workshop will identify how reliability can be incorporated into the following CMP Actions:

- Develop regional objectives
- Develop multi-modal performance measures
- Analyze congestion problems and needs
- Identify strategies
- Evaluate strategy effectiveness

It will also help participants define an individualized action plan for getting started, with the following steps:

- Update goals, objectives, and performance measures
- Assess data needs and availability
- Diagnose causes of unreliability for Select facilities
- Evaluate and prioritize reliability strategies
- Prepare CMP

## Workshop Agenda

### Morning

8:30	Welcome and Introductions
9:00	Background and expected workshop outcomes
9:15	Incorporating Reliability in the CMP Part 1 - Planning goals, objectives and performance measures for reliability supporting the CMP
10:15	Break
10:30	Incorporating Reliability in the CMP Part 2 - Data for reliability analysis and diagnosing reliability problems
11:45	Lunch

### Afternoon

12:30	Facilitated discussion on incorporating reliability into broader planning efforts
1:15	Fireside chat about reliability planning in the region
1:45	Break
2:00	Conversation with <b>peer agency</b> about reliability in transportation planning
3:00	Moving forward – Develop an action agenda
3:30	Concluding remarks