

October 17, 2017



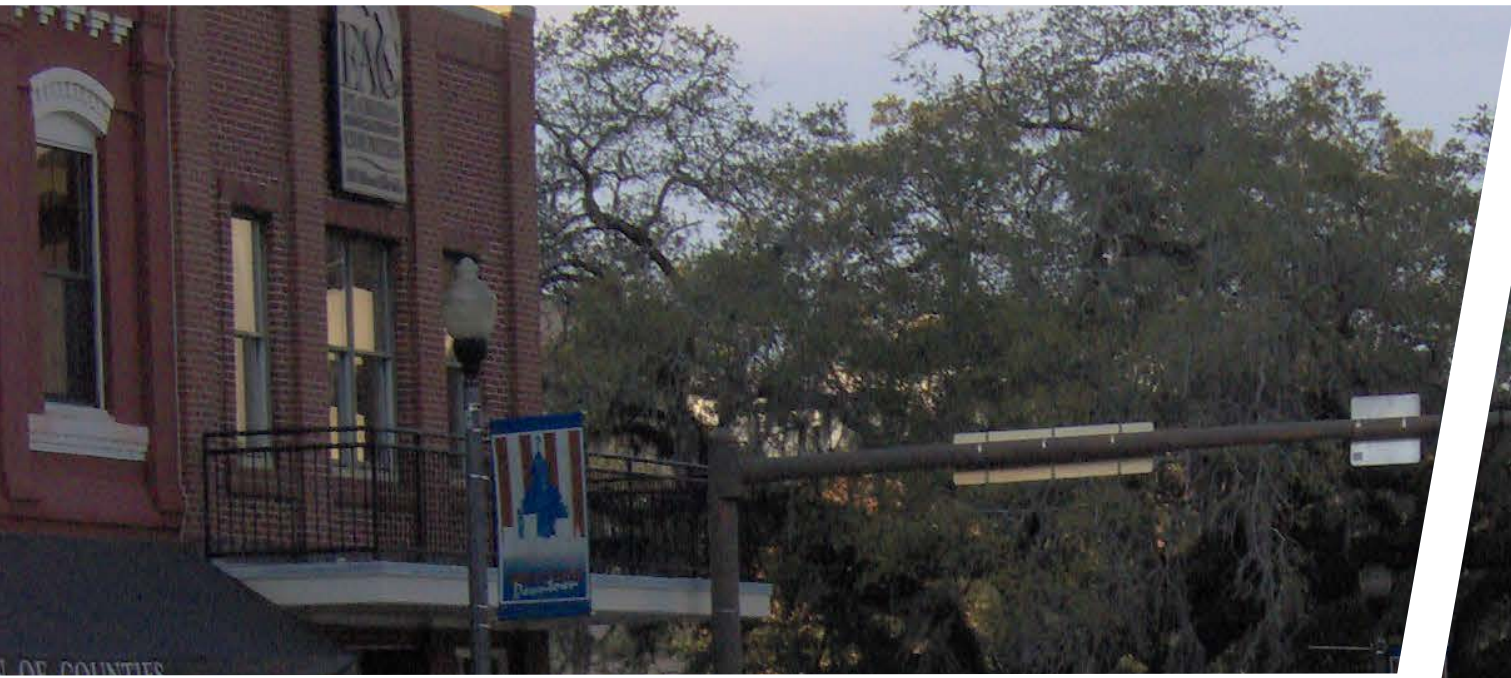
## RETREAT AGENDA

# CONGESTION MANAGEMENT PLAN UPDATE

### **STATEMENT OF ISSUE**

The consultant team, RS&H, will provide the CRTPA Board with a brief update on the progress of the current update to the Congestion Management Plan (CMP), which is scheduled for completion by June of 2018. Currently 20% complete, activities which have taken place since the kickoff of the project (and which will be discussed by RS&H) included a meeting of the Technical Resource Committee meeting (August 23, 2017) for project guidance, development of project goals and objectives, and preliminary development and data gathering for the CMP network. Upon completion of the CMP Update, the CRTPA will have a plan that identifies specific projects to be funded for congestion management in the CRTPA area.

**Attachment 1:** Draft Presentation



*CONGESTION MANAGEMENT PROCESS*

*CRTPA BOARD RETREAT*

*OCTOBER 17, 2017*

# AGENDA

- *STUDY PURPOSE*
- *TECHNICAL COMMITTEE AND ROLE*
- *PROJECT SCHEDULE*
- *GOALS AND OBJECTIVES*
- *DATA SOURCES AND CMP NETWORK*
- *PROJECT STATUS AND NEXT STEPS*
- *QUESTIONS AND ANSWERS*



# What is a Congestion Management Plan?

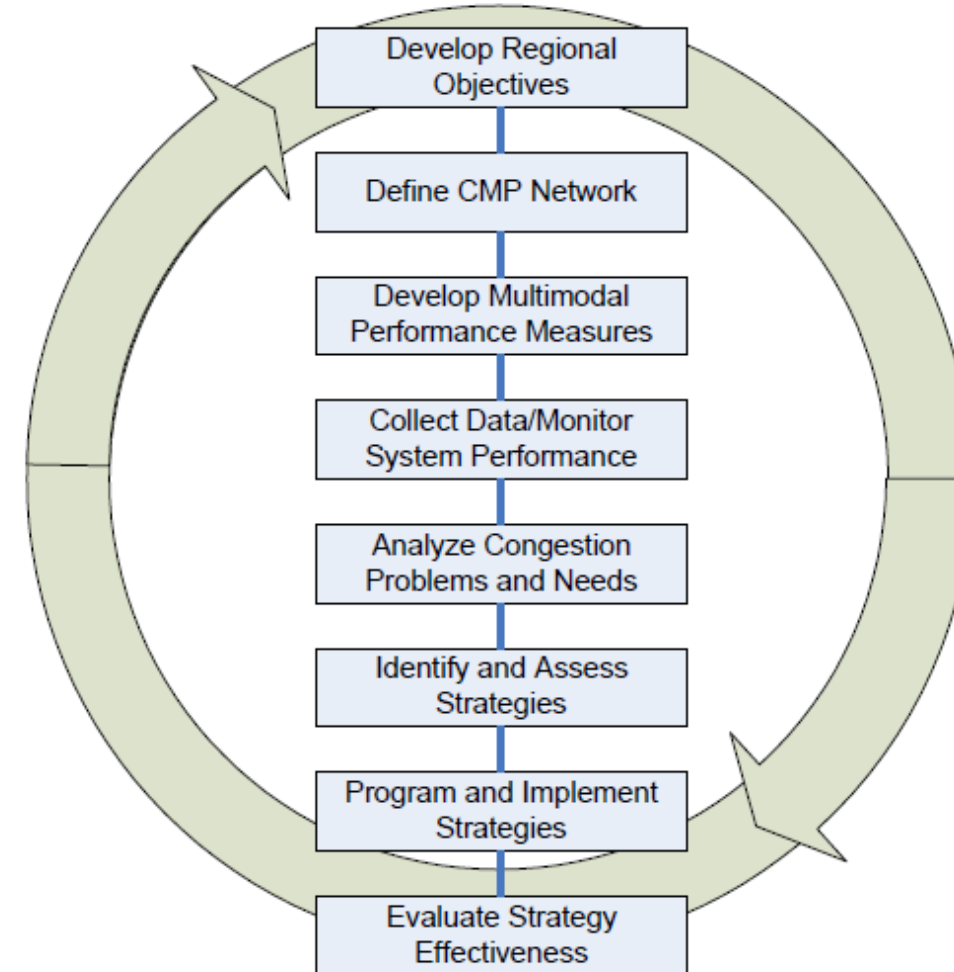
- Federally Required Process for MPOs with >200,000 Population
- Evaluate Congestion within the MPO Area
- Identify Recurring and Non-Recurring Congestion on Critical Corridors

# What is a Congestion Management Plan?

- Develop Tools and Strategies to:
  - Reduce Peak Hour Vehicle Miles of Travel
  - Improve Connectivity between Employment Centers and Areas with Concentrations of Transportation Disadvantaged
  - Support Access to Jobs
  - Reduce Congestion
- Specific, Project-based Solutions Identified to Address Congestion

# CMP Elements

- FHWA Guidance
  - CMP Guidebook
  - CMP Elements and Process Identified

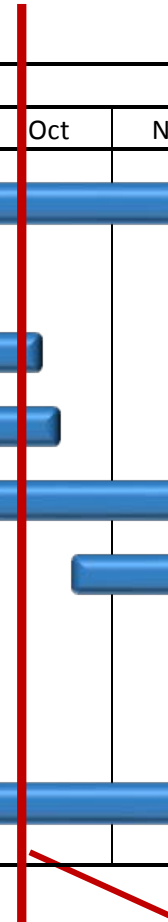
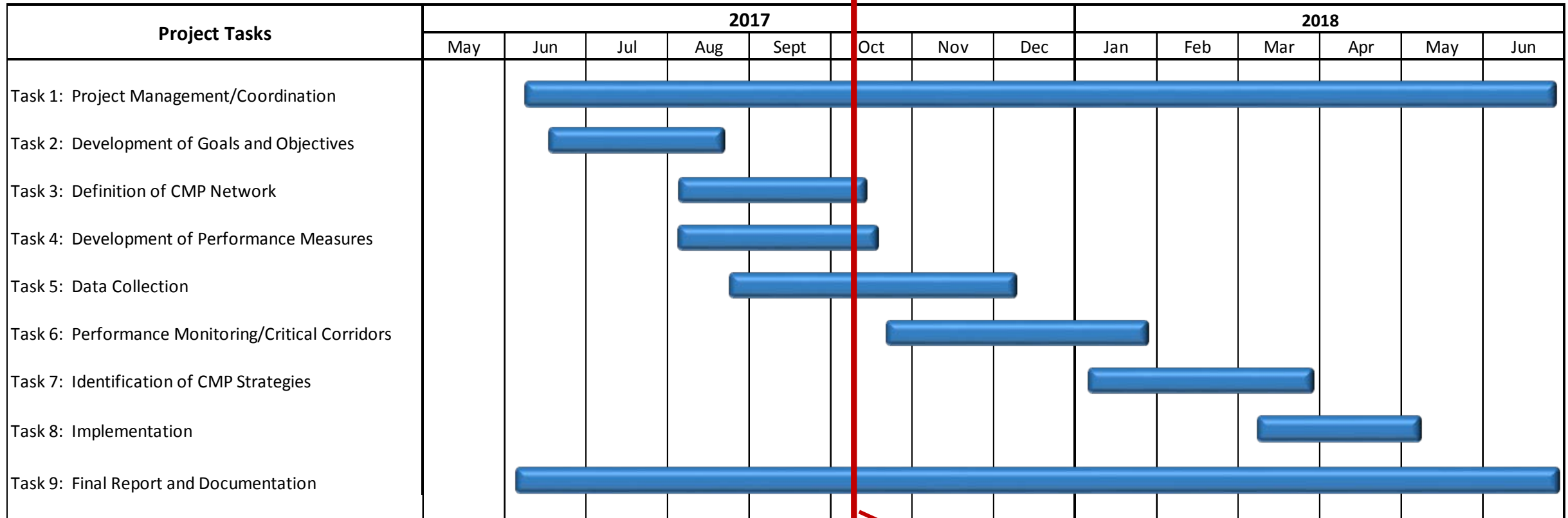


Source: FHWA CMP Guidebook

# Congestion Management Resource Committee

- Technical Staff from CRTPA Member Agencies and Planning Partners
- Review Project Materials and Provide Ongoing Insight and Guidance
- Meetings Occur at Milestones and/or to Review Substantive Material

# Project Schedule



**We Are Here**



# CMP Goals and Objectives

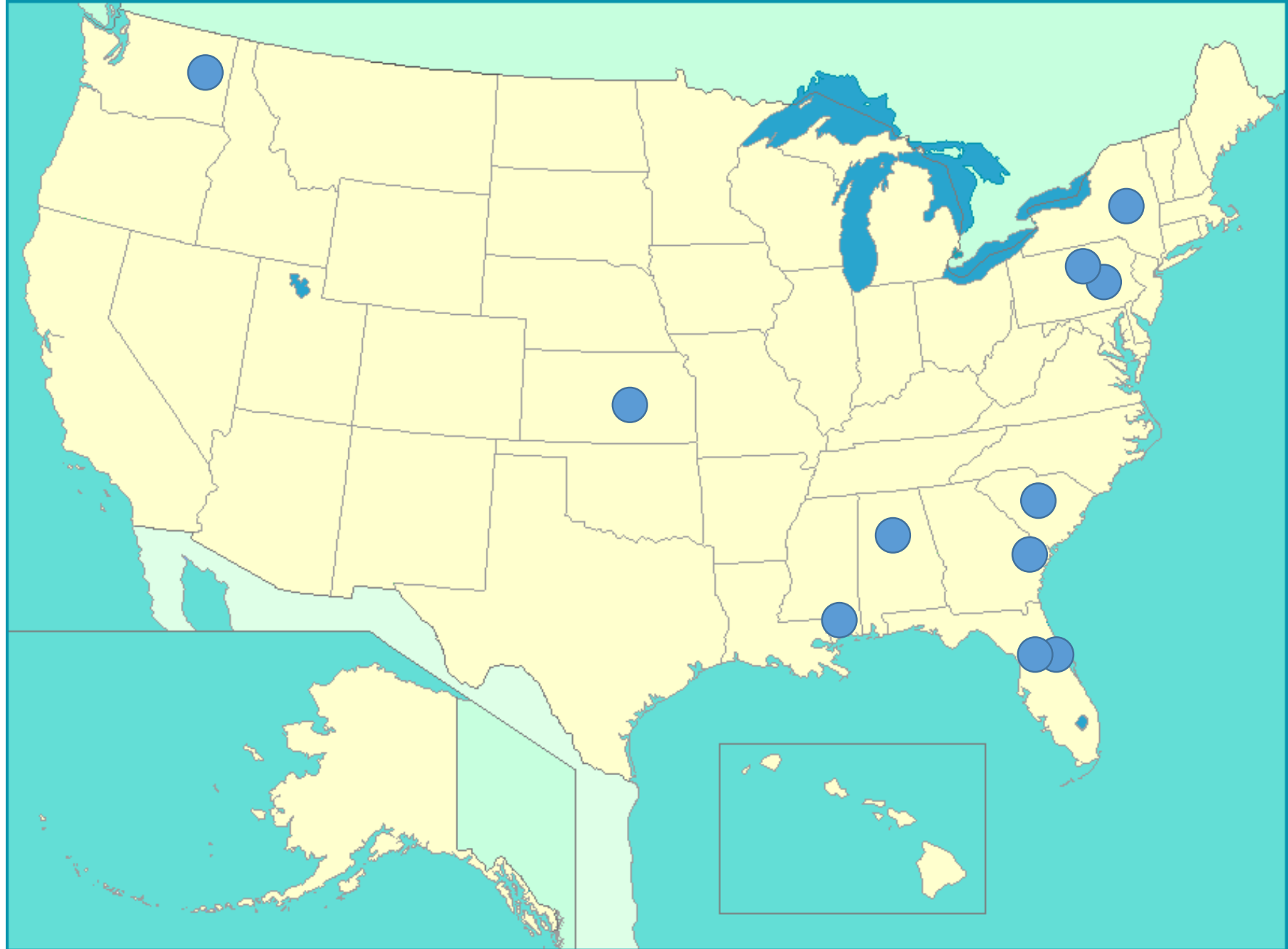
- CMP Goals and Objectives Must Fit within the Framework of Federal, State and Regional Goals
  - Connections 2040 Regional Mobility Plan
  - Other Transportation Plans
  - Local Comprehensive Plans
  - Federal Legislation
  - Florida Transportation Plan

# Plan Review Summary: Goals

Goals – Plan Review	
Connectivity	Modal integration and connectivity between destinations
Accessibility	Access to a multimodal transportation system that promotes economic vitality and quality of life
Economic Development	Coordinate transportation investments with economic development initiatives
Resource Protection	Protect environmental and community resources through context sensitive designs and implementation of best practices
Safety and Security	Maximize security and improve safety for all modes
Land Use	Coordinate transportation investments with land use initiatives to foster vibrant communities
Public Health	Promote public health through increased access to active transportation
Multimodal	Promote diversity of travel choices and facilitate usage of multiple modes of travel

# Peer Review

- Albany, NY
- Reading, PA
- Wilkes Barre, PA
- Columbia, SC
- Savannah, GA
- Daytona Beach, FL
- Ocala, FL
- Gulfport, MS
- Birmingham, AL
- Wichita, KS
- Spokane, WA



# Peer Review Summary: Goals

## CMP Goals

- Limit “excess” delay in movement of people, goods, and services
- Mitigate congestion through demand management strategies
- Improve operational efficiencies
- Encourage the use of alternative modes
- Monitor, measure and diagnose congestion
- Enhance regional mobility
- Increase transportation accessibility
- Maintain infrastructure State of Good Repair
- Maximize operational measures
- Identify/develop projects to address existing/future congestion
- Prioritize congestion mitigation projects

# CMP Goals and Objectives

- Based on FHWA's **SMART** Principle
  - **S**pecific
  - **M**easurable
  - **A**greed-upon
  - **R**ealistic
  - **T**ime-bound

## Example Goals and Objectives

Goal	Objective	SMART Objective
Safety	Reduce intersection crashes	Reduce fatal/injury intersection crashes by 10% in 2018

# CMP Approach

- Goals and Objectives

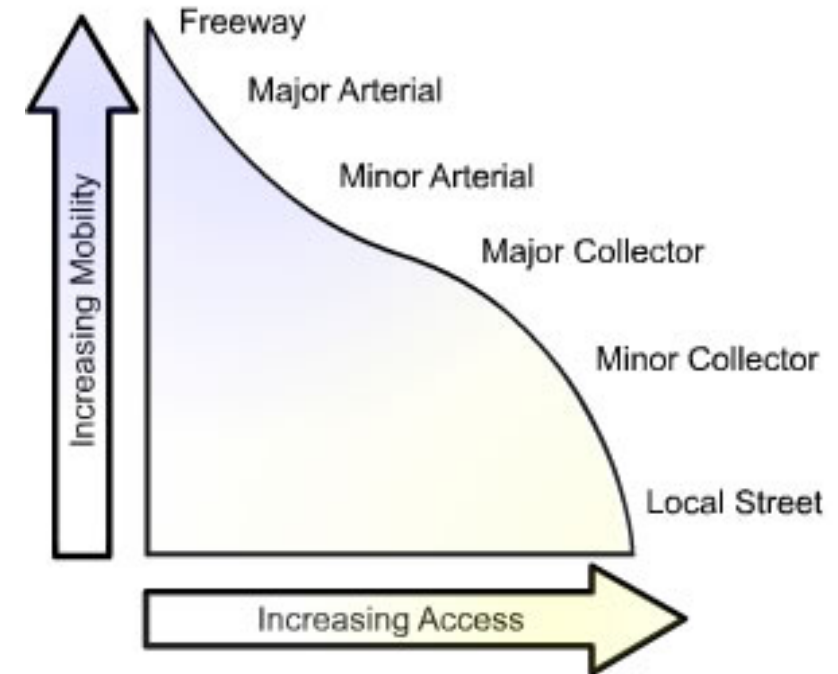
RMP Goals	CMP Objectives
Connectivity	<ul style="list-style-type: none"> <li>• Develop congestion management measures</li> <li>• Reduce non-recurring congestion duration</li> <li>• Evaluate travel time reliability</li> <li>• Consider the full range of congestion management strategies and improve system reliability and resiliency through implementation</li> <li>• Achieve acceptable LOS E</li> <li>• Identify crash hotspots and strategies to improve safety</li> <li>• Implement alternative access improvements</li> <li>• Coordinate with land use to minimize trip lengths</li> <li>• Promote multimodal connectivity through facility enhancements</li> </ul>
Accessibility	
Economic Development	
Resource Protection	
Safety and Security	
Land Use	
Public Health	
Multimodal	

# Data Sources

- Data Needs
  - Readily available
  - Easily processed
- National Performance Monitoring Research Data Set (NPMRDS)
  - Access requested from FHWA
- Travel/Traffic Models
  - Synchro (Leon County)
  - Regional Travel Demand Model
- Traffic Counts
- Safety/Crash Data
  - State and local reporting

# CMP Network

- Based on Functional Classification
- CMP Network
  - Arterials
  - Collectors
- I-10 and Local Roads Are Not Included



Source: FHWA



# Project Status

- Conducted Plan and Peer Review
- Met with Technical Resource Committee
- Defined CMP Goals and Objectives
- Developed Draft CMP Network
- Begun Data Collection
- Begun Identification of the Performance Measures
  - Based on the available / accessible data

# Next Steps

- Finalize Performance Measures
- Network Evaluation and Assessment
- Identify of Areas of Congestion
  - Recurring and non-recurring
- Identify Safety Hotspots
- Develop Recommendations / Strategies
- Project List

*QUESTIONS?*

