

CAPITAL REGION TRANSPORTATION PLANNING AGENCY RETREAT

UPDATE TO CONGESTION MANAGEMENT PROCESS (CMP)

October 17, 2016



What is the CMP?

- Application of strategies to improve transportation system performance
- Establishes performance measures for the overall transportation system (LOS, Delay, travel time)
- Can focus on corridor level or intersection level improvements as well as policy issues (i.e. land use/transportation linkage, TDM)
- Identifies deficiencies and potential improvements to traffic flow and safety



Benefits of the CMP

- Structured process for analyzing congestion
- Provides a data-driven, performance based approach
- Focuses on managing congestion utilizing small-scale physical and technology improvements
- Promotes increased collaboration and coordination with transportation partners
- Identifies both physical/technology improvements and policy-level management strategies



Current CMP

- Adopted in January 2013
- Focused primarily on roadway segments
- Included review of crash data for vehicles, bicycles and pedestrians and identified high-crash segments
- Reviewed existing and planned transit service
- Did not identify specific projects to improve congestion or safety issues



Current CMP

- Provides a foundation on which to build
- Significant number of policy measures for both short- and long-term management
- Established a review team to evaluate and prioritize potential CMP projects
- Collected a significant amount of data that is still useful



Changes to Current Approach

- Shift process to be more project-oriented
- Differentiate recurring and non-recurring congestion issues
 - Recurring: everyday traffic backups at certain locations
 - Non-recurring: crashes, construction, weather
- Identify problem intersections/areas
 - Review traffic data and crash history to develop specific improvements
 - Includes bicycle/pedestrian improvements
- Identify high-crash locations and develop countermeasures to correct deficiencies
- Projects would be prioritized as part of annual Transportation Systems Management PPL.



Where to go from here

- Review existing available data sources
- Determine how to tie CMP to upcoming performance measures requirements
- Develop scope of work
- Look to begin in Spring 2017
- 18 months +/- to complete depending on scale of work
- May need to take a phased approach

