

2016 Congestion Management Process - Initial Data

May 2, 2017

CMP Requirement

- ◆ The Congestion Management Process (CMP) is a federal planning requirement for all MPO's with a population over 200,000.
- ◆ RTC prepares an annual monitoring report to document the region's CMP

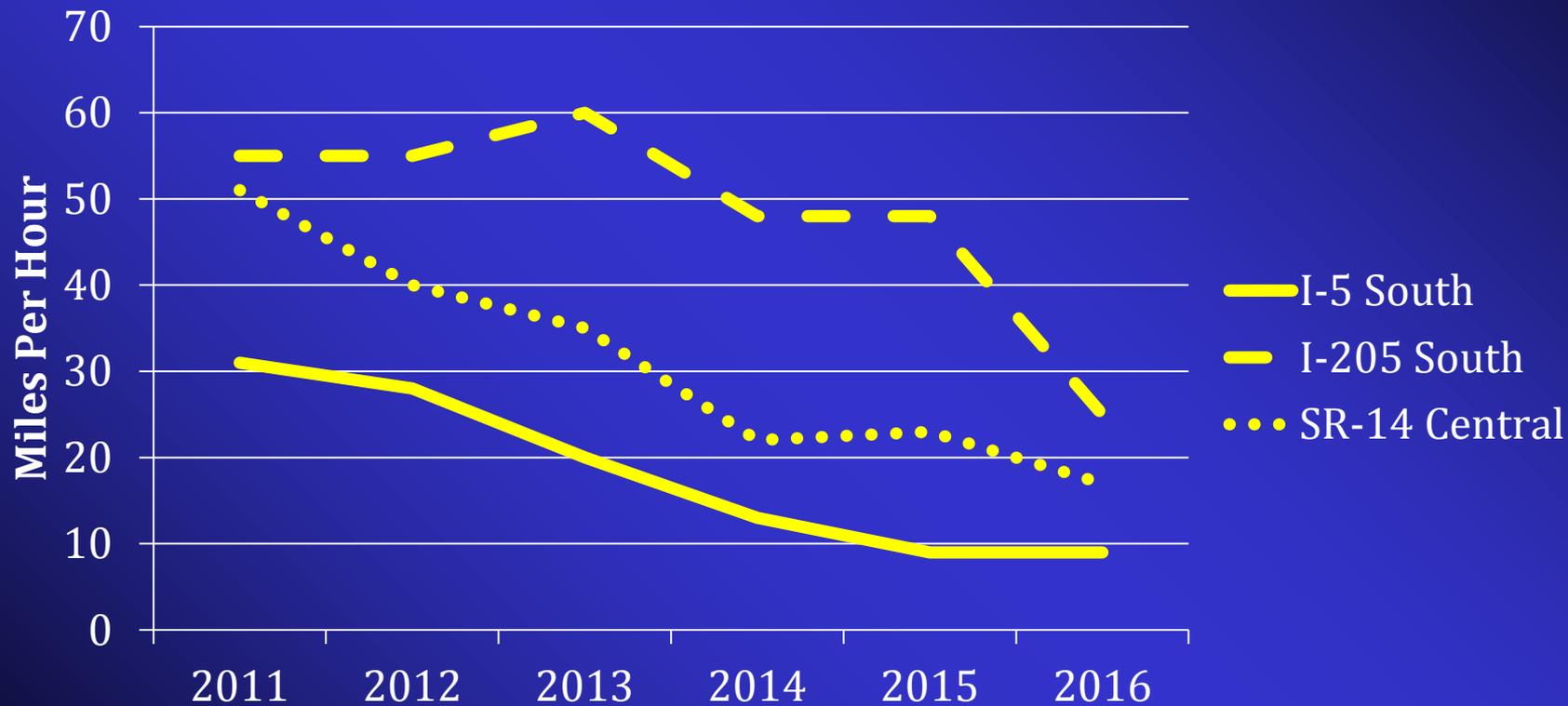
CMP Purpose

- ◆ The Congestion Management Process (CMP) is a systematic and data driven approach for monitoring congestion.
- ◆ Local agencies and RTC should use findings to plan projects and develop action strategies, consistent with local/regional policy.

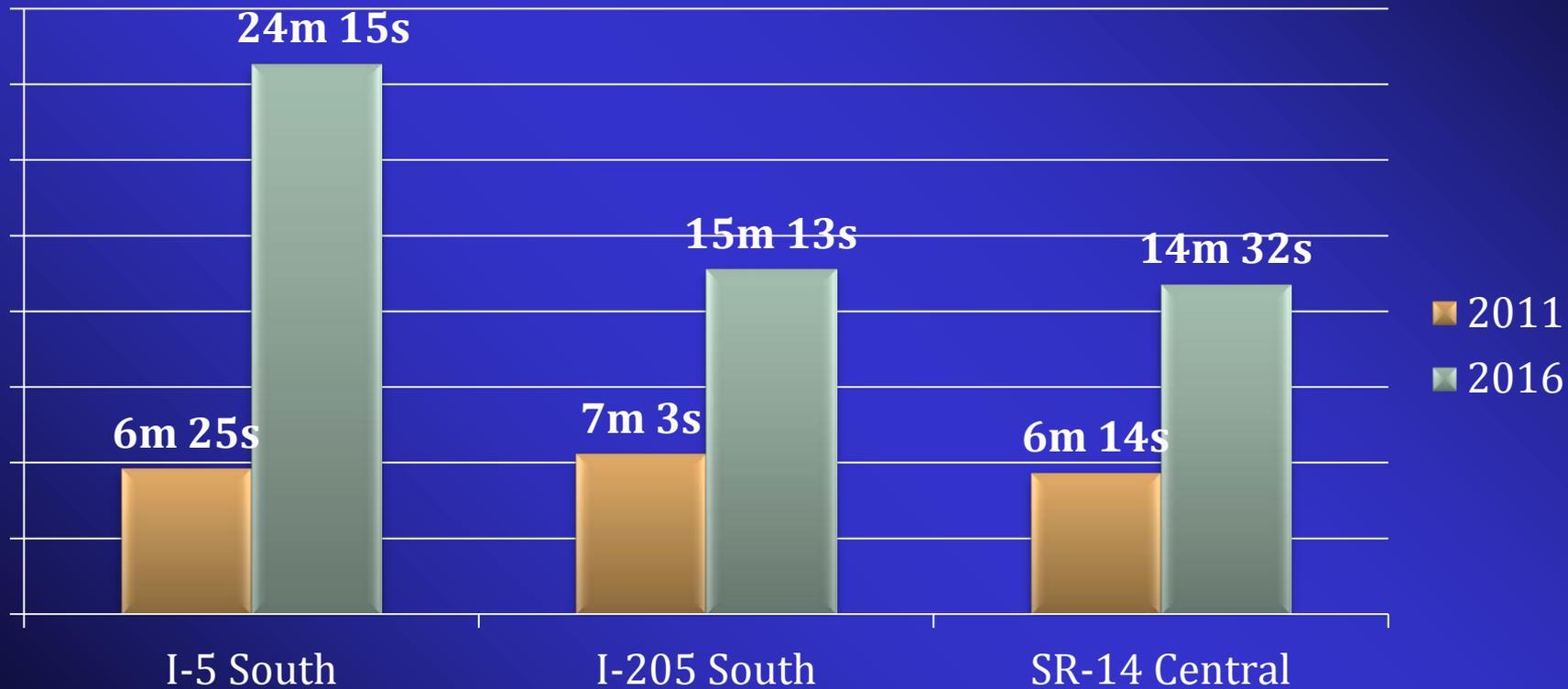
2016 Overall Findings

- ◆ Delay in bi-state corridors have increase
- ◆ Travel Time is less reliable
- ◆ Major arterial congestion
- ◆ Delay at major intersections

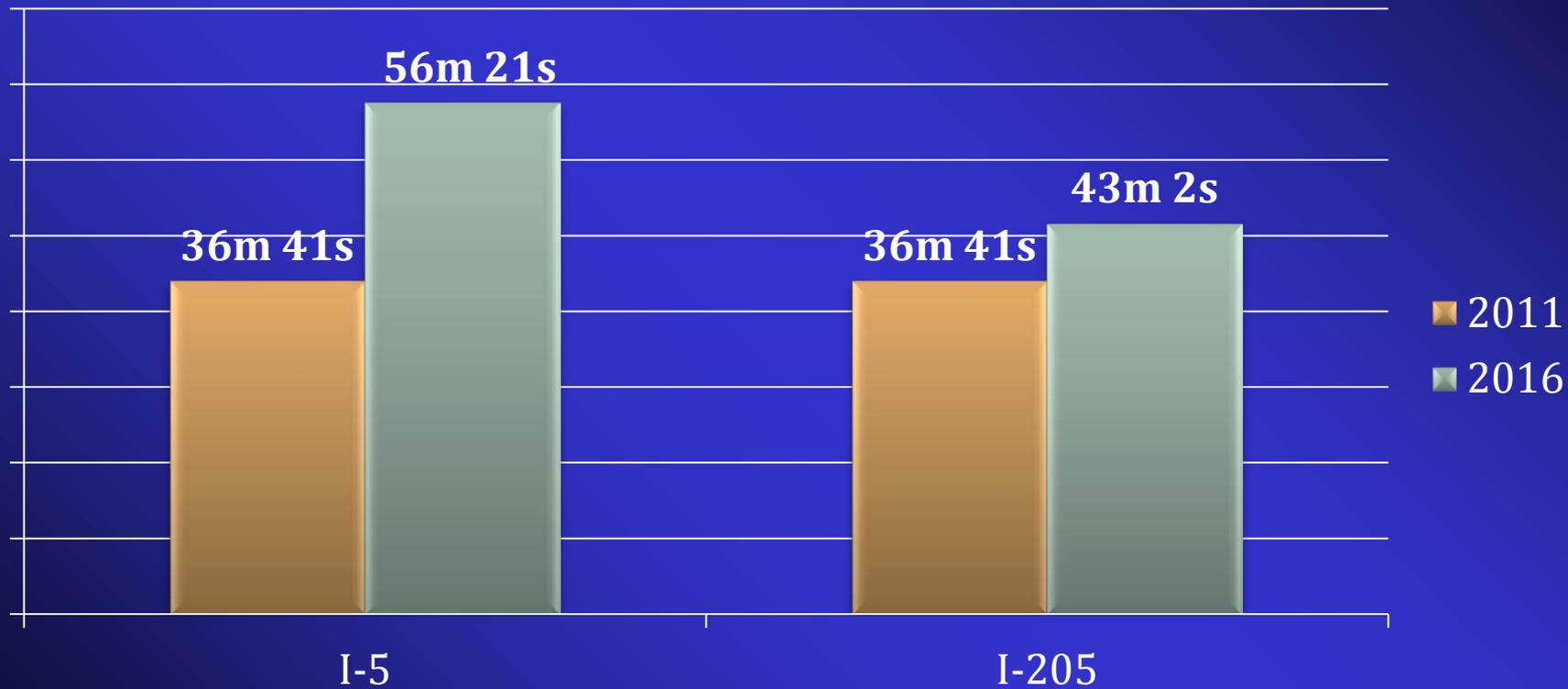
Bi-State AM Travel Speed



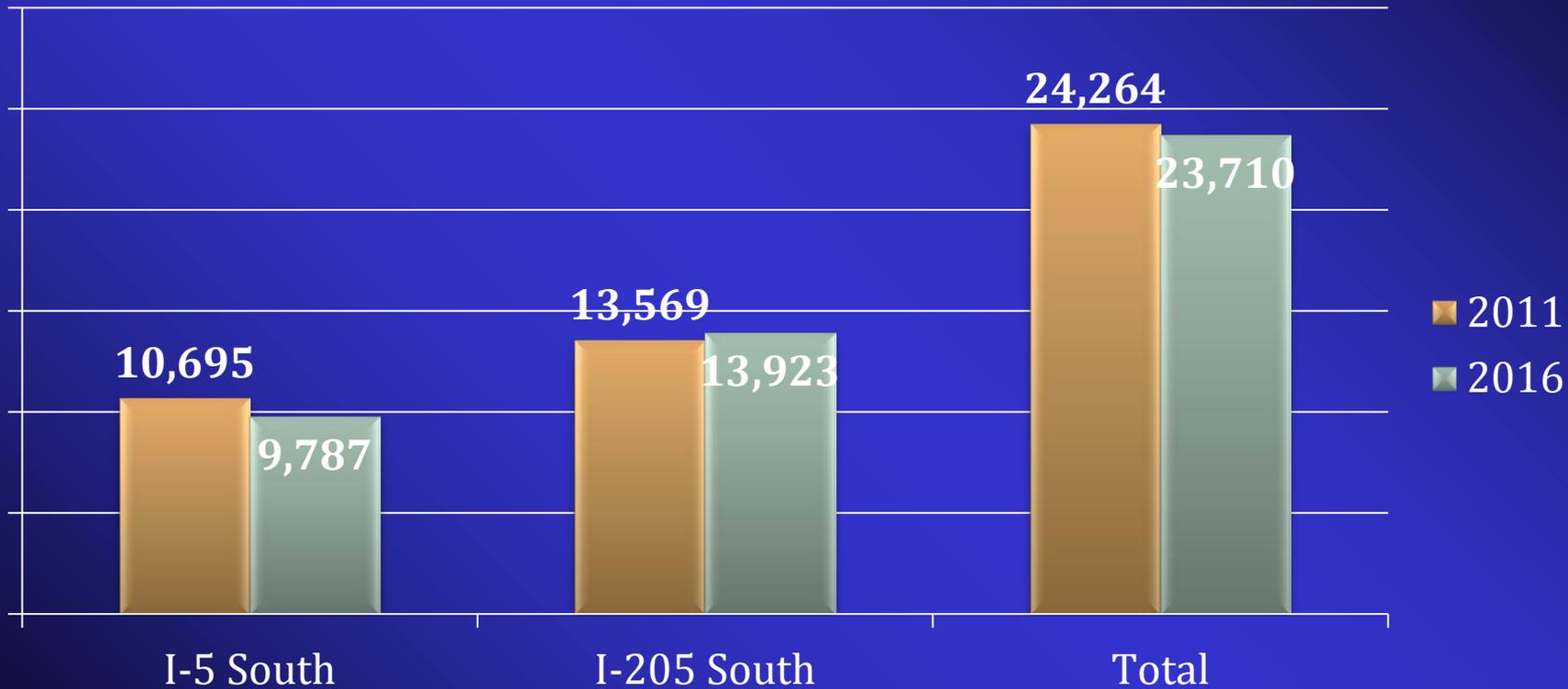
Bi-State AM Travel Time



Bi-State AM Transit Travel Time

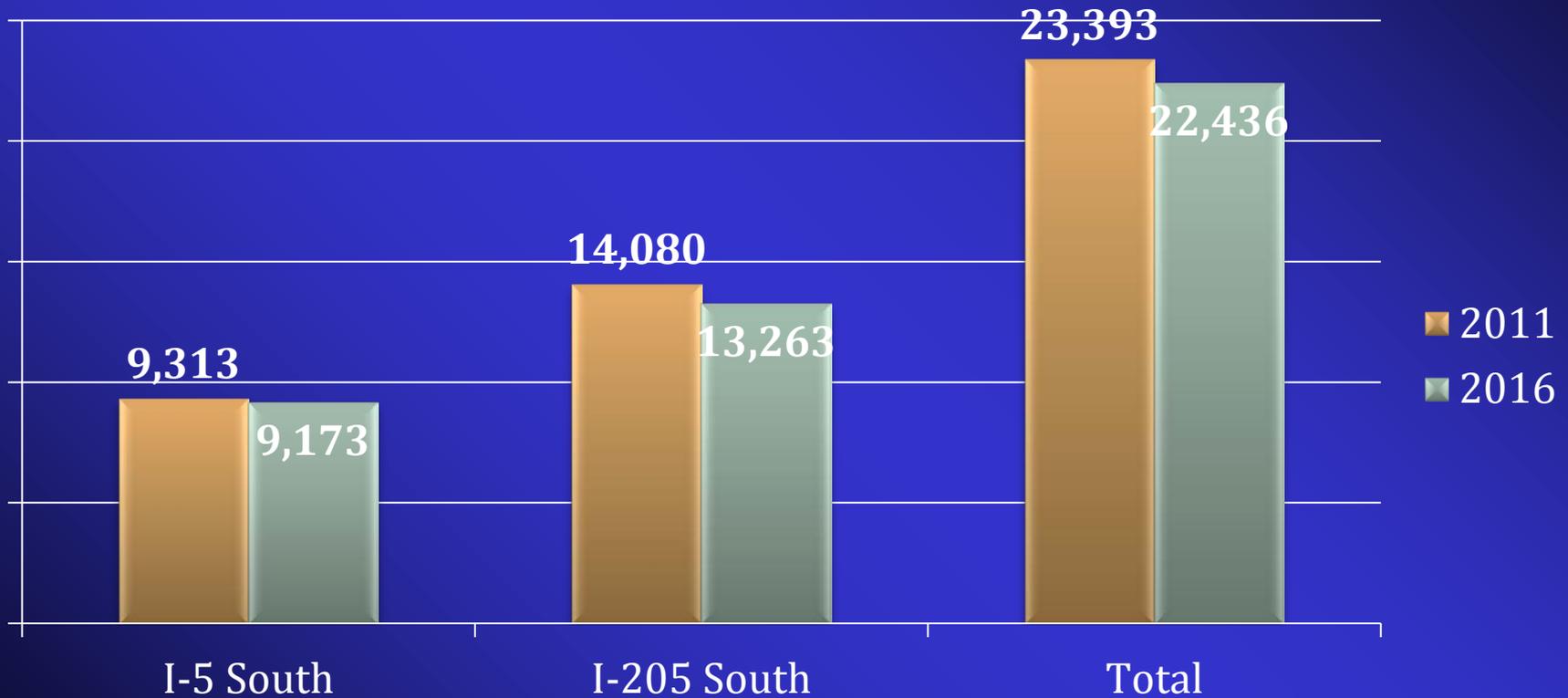


Bi-State AM SB Volume (6-8 am)



** All day bridge volumes are increasing, but peak period throughput is decreasing.*

Bi-State PM NB Volume (4-6 pm)

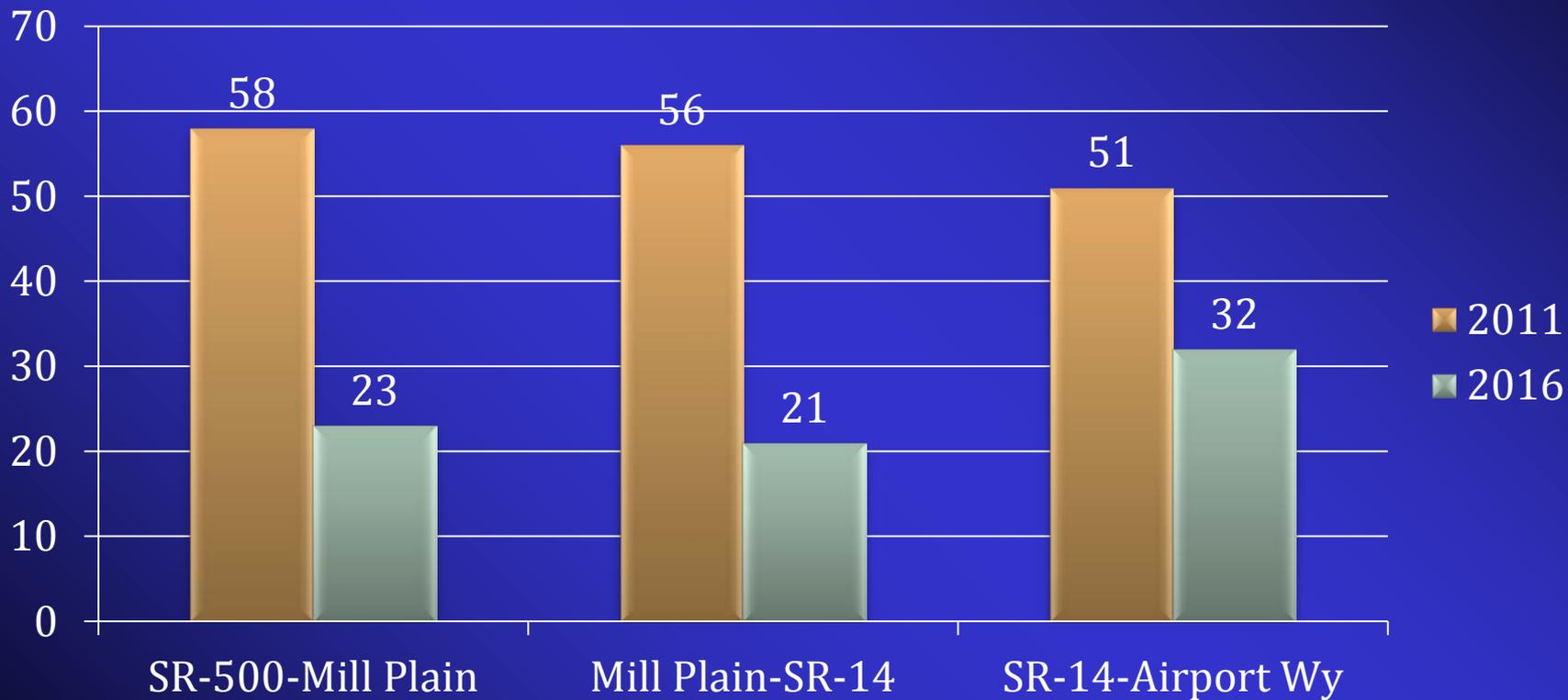


** All day bridge volumes are increasing, but peak period throughput is decreasing.*

Bi-State Transit

- ◆ Ridership continues to grow on commuter routes
- ◆ PM Portland to Vancouver all routes use I-5 HOV Lanes

I-205 AM Speed



Bi-State RTP Strategies

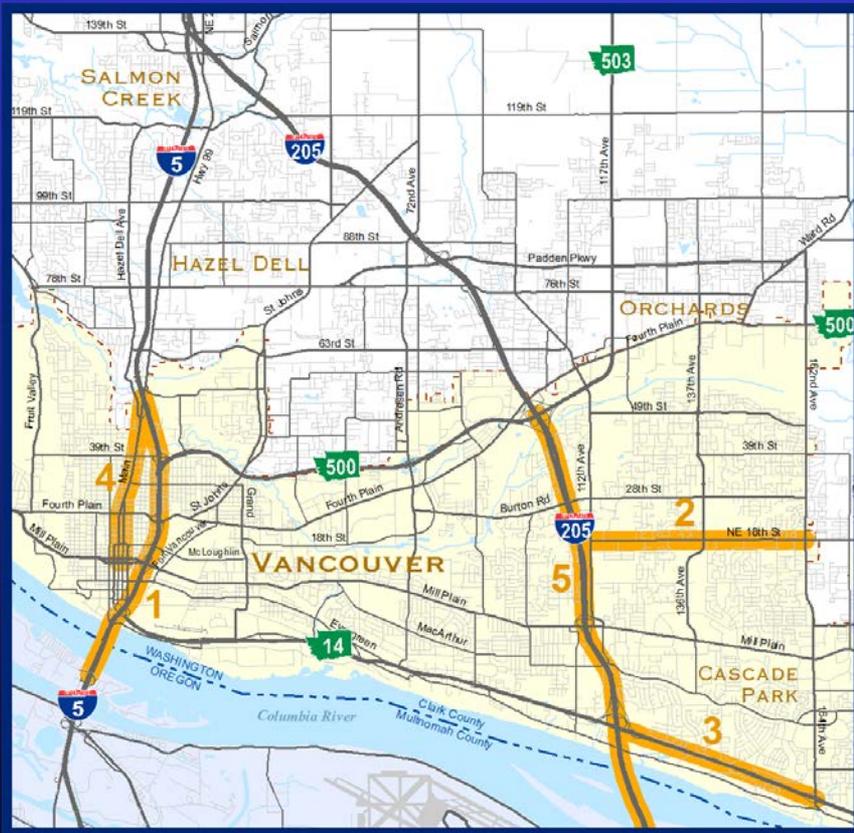
- ◆ Long-Term: I-5 Bridge Replacement
- ◆ Short-Term: Implement TSMO and TDM Strategies (TIP: Freeway Operations Study)

Arterial Active Traffic Management

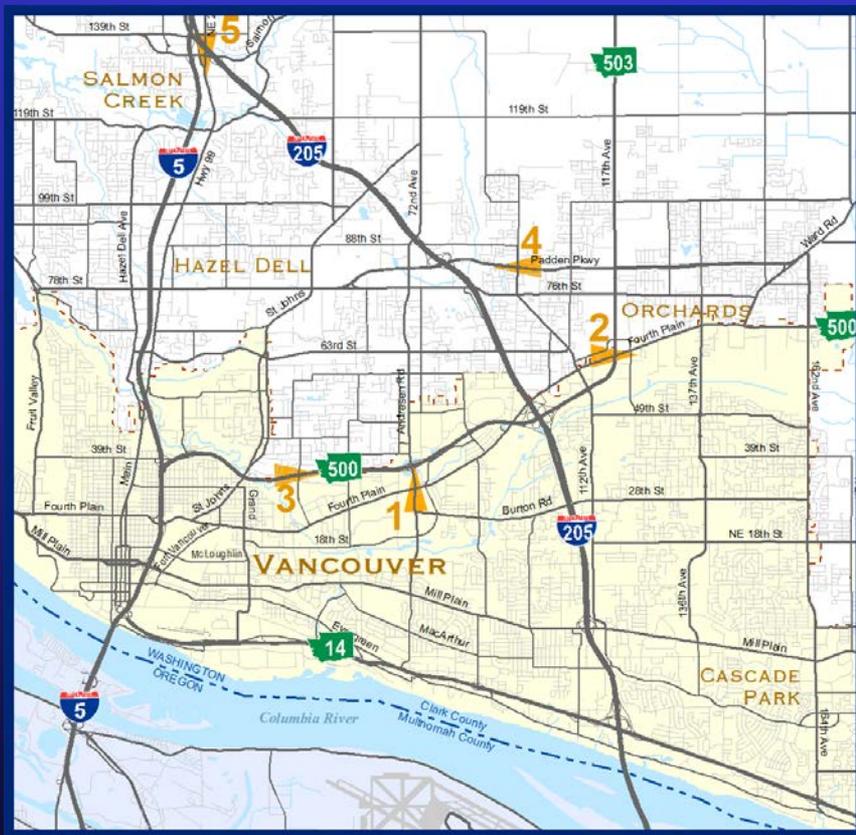
- ◆ Andresen Road, 63th St. to 88th St. (TSMO 2)
 - ◆ Equipment and software update to improve management of congestion.
 - ◆ Showed positive results in managing traffic flow and reduced delays.

Corridor Capacity Ratio

1. I-5 South
2. 18th Street
3. SR-14 Central
4. Main Street
5. I-205 South



Intersection Delay



1. Fourth Plain/Andresen
2. Fourth Plain/SR-500
3. SR-500/Falk
4. Padden/94th Av.
5. 134th St./NE 20th Av.

Next Steps

- ◆ Complete the analysis of data.
- ◆ Coordinate results/action strategies with RTAC.
- ◆ Schedule
 - ◆ June RTC Board –Data Review
 - ◆ August RTC Board – Final Report and Action