I-95 Active Traffic Management Project
From MD 100 to MD 32

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PROBLEM IDENTIFICATION

- Severe, recurring, peak hour congestion along the corridor
  - #3 bottleneck
  - #30 most congested link (I-95 @ MD 175)
- Above average crash patterns at interchanges
  - Crash density pattern
- Inconsistent travel times – unreliability
  - High Planning Time Index (PTI)
CONCEPT DEVELOPMENT

- Collected recommendations from previous studies. (7; ‘03-‘15)

- Evaluated 17 concepts, which came from:
  - Previous studies; and
  - New concepts identified based on traffic & crash data.
  - Included both traditional geometric and ATM concepts.

- Pared down to 4 concepts on ability to meet:
  - Cost constraints;
  - Comparative operational efficiency; and
  - Corridor needs.
ITS STRATEGIES

• Considered:
  ➢ Current state
  ➢ Level of improvement
  ➢ User expectancy

• Focus on lower intensity ITS

• Working with internal stakeholders.

• Continuing organization effort.
Concepts – Group I (2 & 3b)
Concepts – Group II (2 & 5)
DESIGN CONSIDERATIONS

- Lane operations
  - Truck Use
- Inside versus Outside
  - Safety
  - Operations
  - Environmental
- Design exceptions
  - CMF Comparison
MOVING FORWARD

• Continued outreach to stakeholders
• Concurrence on Design Exceptions
• Approx. PE – Est. Complete: July 2018
  ➢ Con Ops
  ➢ 30% Design
Closing Remarks