

Background and Goals

Why Improve the I-66 Corridor?

- Reduce hours of congestion per day
- Expand mode choices and transit options
- Move more people
- Connect regional transit/HOV/ Express Lanes network
- Improve safety and fix choke points
- Better accommodate future travel demand
- Reduce cut-through traffic on local roads

Moving More People with Multimodal Solutions

- New transit service providing more frequent and reliable trips to major regional destinations
- New and expanded park-and-ride (P&R) facilities with direct access to the Express Lanes
- Travel Demand Management (TDM) strategies making it easier and more affordable to use alternative travel options

Providing Diverse and Reliable Travel Choices

- Express lanes to add options for HOT, HOV-3+, and transit
- Improved general-purpose lanes
- Efficient point-to-point commuter service using Express Lanes

Transform 66 Outside the Beltway provides a critical expansion of the region's growing network of managed lanes.

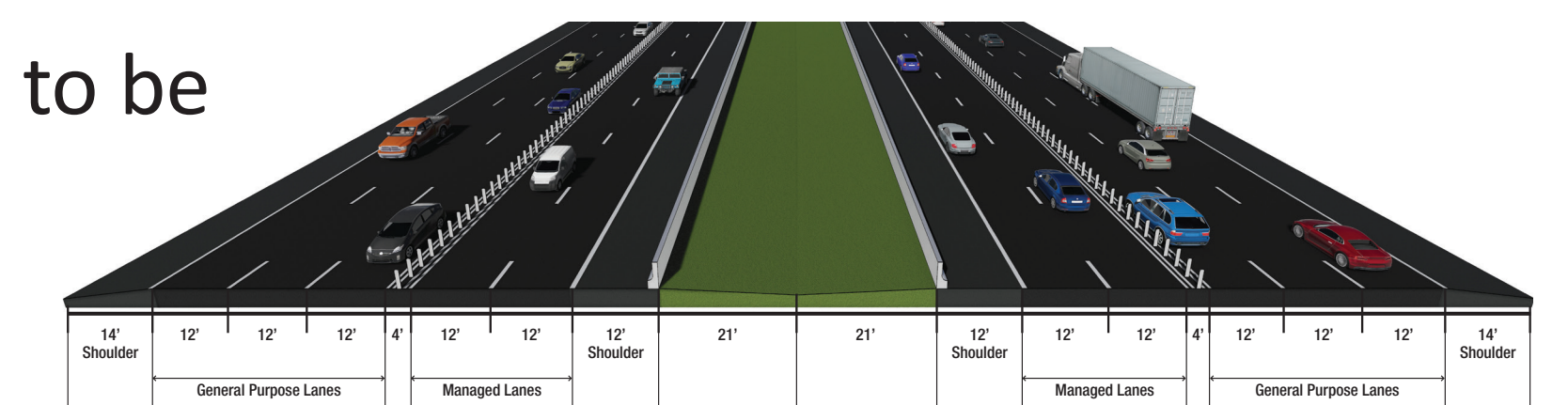
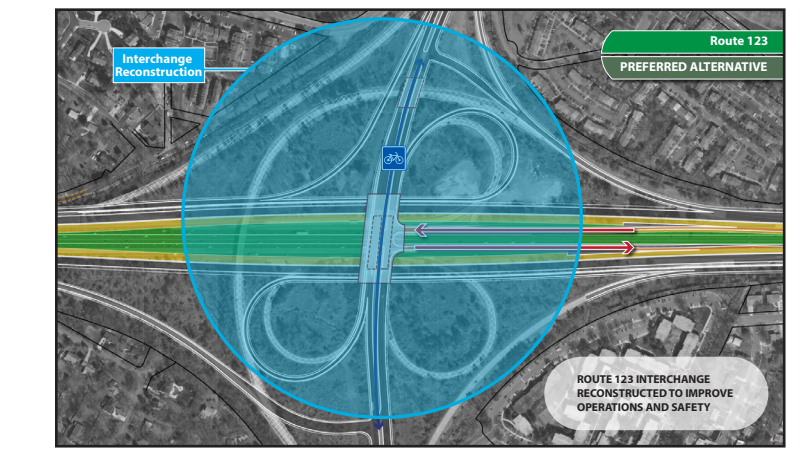


Findings and Conclusions

PHASE 1 and Preferred Alternative

Why Phase 1?

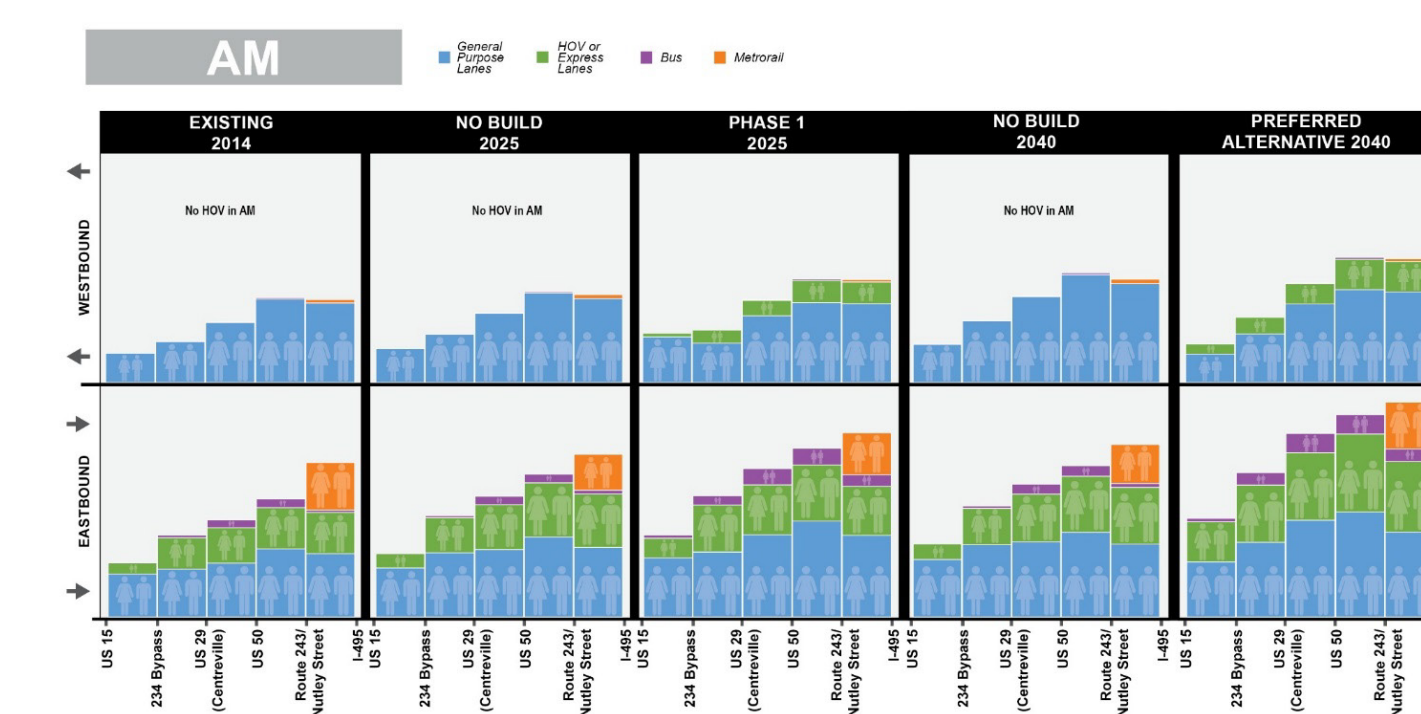
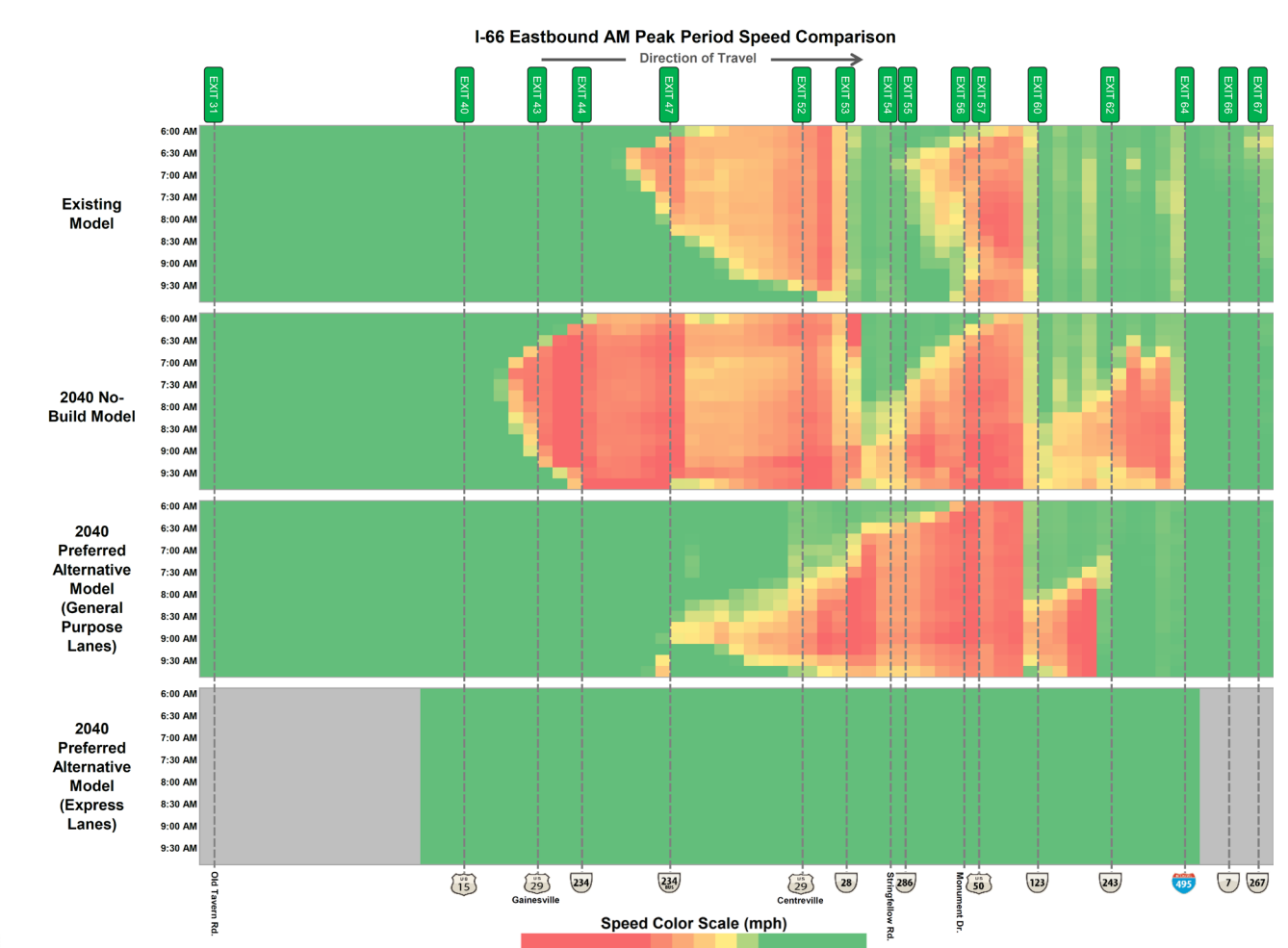
- Implementable by 2021
- Provide Express Lanes for majority of the corridor
- Future phases' elements to be implemented to meet demand as funding becomes available



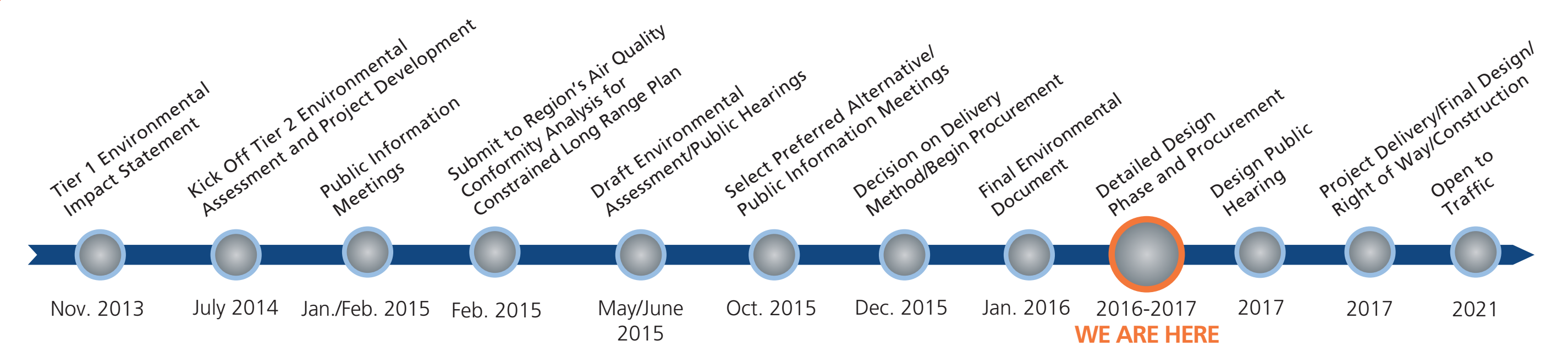
Preferred Alternative Mainline Cross Section

Traffic Analysis Results

- General-purpose lanes improved significantly in Build scenarios
- Express Lanes maintain desirable speeds and access to interchanges
- More people are moved through the corridor



Project Process



Value to Researchers and Practitioners

- A tiered process to allow for phased implementation
- Leveraging multimodal solutions to improve the corridor; no single solution can satisfy the Purpose and Need
- A systematic approach for corridorwide interchange modification and traffic operations analyses

Key Elements

Dynamic Tolling

- Variable tolls to maintain speeds
- Transit/HOV-3+ travel for free

Alternatives Development

- Traffic operations, safety, and access
- Transit, P&R, and TDM work together

Public Outreach

- A comprehensive process that includes more than 100 stakeholder meetings

