SHRP2 Interstate 64 Corridor Plan

Shenandoah Piedmont area Collaborative Effort (SPaCE)

CA-MPO SAWMPO Joint Meeting

September 27, 2017
Overview

- Inter-Regional transportation planning along the I-64 Corridor
- Increase communication, coordination, and cooperation among stakeholders
- Identify recommendations that can be further defined and or implemented through Long Range Plans and Smart Scale
Project Study Area
Corridor Planning Toolkit

- The Decision Guide streamlines the transportation process by systematically building in collaboration. It was developed using examples of successful practice and input from all partners in transportation decision making.

- Supports and improves collaborative decision making

- Built around key decision points in the project, LRTP, & planning process
Project Scope

Scope

- Open a dialog with interests in the I-64 Corridor
- Build an understanding of the issues through collaborative discussions and by engaging the experts
- Use transportation performance measures to identify deficiencies in the corridor
- Identify ways to improve collaboration and communication on issues of governance, maintenance and project identification
- Document lessons learned and produce a final document that outlines deficiencies and concept level solutions
# Working Group Meetings

| Meeting 1 (Nov) | • Scope and problem statement  
| • Project Goals and process |
| Meeting 2 (Jan) | • Goals  
| • Public Safety |
| Meeting 3 (Mar) | • Evaluation Criteria  
| • Economic Development & Accessibility |
| Meeting 4 (May) | • Identify Hotspots  
| • Environmental |
| Meeting 5 (Jul) | • Congestion and traffic  
| • Review problem areas |
| Meeting 6 (Sept) | • Lessons Learned  
| • Recommendation of problem areas & next steps |

- Public Open House  
  Dec 12
- Interim Updates
- Joint MPO Meeting  
  September

✓ ✓ ✓ ✓ ✓ ✓ ✓
Status Update

- Project Webpage – Completed
- Signing of MOU – Completed
- Database of Plans and Studies – Map Online
- Joint MPO Meetings – Completed
- Draft Corridor Study Report – Drafting
Between the CA-MPO and the SAWMPO

- Focuses on how we can do more integrated planning
- Provide support when seeking funding for corridor projects
- Provides a framework for future cooperation and Joint Meetings
Draft Project Recommendations

- **Safety**
  - Address slow moving vehicles at Afton and Ivy
  - Address over capacity interchanges
  - Reduce vehicle wildlife conflicts

- **Truck Traffic**
  - Provide truck climbing lanes for slower moving vehicles

- **TDM/Transit**
  - Add additional park and ride facilities
  - Support transit within the corridor

- **Communication and coordination**
  - Work with VDOT & DRPT to coordinate planning
Draft Recommendations

- Project recommendations sourced from studies, working group input and from deficiency analyses.
- Recommendations include bike ped improvements, congestion mitigation & TDM
Vehicle Wildlife Conflict Hotspots

- Crashes involving wildlife are the number 1 source of accidents in the corridor.
- These crashes can be reduced or eliminated through low cost solutions
- Increased habitat connectivity
Park and Ride Lots

- Additional park and ride lots in the corridor would help reduce roadway volume and provide options for travelers.
- Eventually park and ride lots could be linked with transit service.
Truck Climbing Lanes

- Continue to monitor traffic and accidents and congestion at MM 105-99 (W) and 114-118 (E & W)
- Explore temporary or interim solutions such as shoulder running lanes or extended weave lanes
Interchanges & Intersections

- Implement specific interchange improvements along I-64 to add capacity, enhance safety, and reduce cut through truck traffic
- Implement intersection improvements consistent with local government visions at key locations along US 250 and other primary roadways
Lessons Learned

- To collaborate effectively between regions you must communicate Focus on shared problems and challenges
- Understand behavior in the corridor as a whole
- Involve all relevant agencies & partners in discussions
- Focus on cost effective solutions that improve overall corridor efficiency
Next Steps

- Provide working group with a draft report by late October
- Comments from working group by mid-November
- Finalize plan by December
- Submit at least one corridor related project for Smart Scale Round 3
QUESTIONS