RICHLMOND REGIONAL TRANSPORTATION SAFETY PLAN (RTSP)

Working Group Meeting

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September 16, 2021
Agenda

• Introductions and expectations for the meeting

• Progress to Date
  • Recap RRTPO Vision Zero Emphasis Areas
  • Recap PSAP Corridor Analysis and Crash Trees
  • Report Development

• Next steps

• Discussion/Q&A
PROGRESS UPDATE
Emphasis Areas

- Impaired Driving
- Speed
- Occupant Protection
- Roadway Departure
- Intersections
- Young Drivers
- Bicycles
- Pedestrians

Patterns by Road Class
- Primary
- Secondary
- Local

Speed Considerations
- Speed vs. Speeding
- Relationship to Speed Limit
- Crash Trees
Emphasis Areas

- Venn Diagram analysis that shows multiple factors in a crash
Pedestrian Safety Action Plan
Crash Trees

- FHWA Crash Tree Tool
Crash Tree Example

Road System

- **Primary System**
  - Two-Way, Non-Divided: 443 (42%)
  - Divided, No Access Control: 568 (53%)
  - Divided, Partial Control: 35 (3%)
  - One-Way: 5 (0%)
  - Transition: 1 (0%)
- **Secondary System**
  - Two-Way, Non-Divided: 841 (89%)
  - Divided, No Access Control: 48 (5%)
  - Divided, Partial Control: 9 (1%)
- **Other System**
  - Two-Way, Non-Divided: 426 (35%)
  - Divided, No Access Control: 463 (38%)
  - One-Way: 54 (4%)
  - Transition: 2 (0%)

K+A Crashes 3224
Report Development

• Introduction
• Regional Safety Trends (FHWA Safety Metrics)
• Crash Characteristics
  • Cross-Tab Matrix, Venn Diagrams, High Injury Network, Health Opportunity Index, Regional Crash Tree
• Locality-Specific Highlights
  • Predominant crash factors in each locality, Cross-Tab, High Injury Network, Venn
  • Key Corridors and Locations for Potential Safety Investment
• General Countermeasures
• General Implementation Options
  • Linkages to VDOT tools and resources
• Appendices
Next Steps

- Provide Crash Tree Tools for each locality
- Documentation into Final Report
  - Draft Early to Mid October 2021
Questions and Discussion
Thank you!

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