

**RICHMOND REGIONAL TRANSPORTATION PLANNING ORGANIZATION
VISION ZERO WORK GROUP**

**MEETING SUMMARY
Zoom Meeting
July 29, 2021
10:30 a.m.**

MEMBERS PRESENT:

Town of Ashland		Chesterfield County		Goochland County	
Nora D. Amos		Barbara Smith	x	Thomas M. Coleman	
Henrico County		City of Richmond		VDOT	
Sharon Smidler Vice Chair	x	Dironna Moore Clarke Chair	x	Jacob Herrman (A)	x

Others present:

Dan Motta..... PlanRVA
 Nicole Mueller PlanRVA
 Chet Parsons PlanRVA
 Ma'in (Ryan) Krunch VDOT
 Stephen Read..... VDOT
 Chuck Conran..... VHB
 Ian Hamilton..... VHB
 Eric Tang VHB
 Cassi Patterson..... VHB
 Ian Pike..... VHB

The technology used for this meeting was a web-hosted service created by Zoom and YouTube Live Streaming and was open and accessible for participation by members of the public. A recording of this meeting is available on the [Plan RVA YouTube Channel](#).

CALL TO ORDER

Dironna Moore Clarke, Richmond Regional Transportation Planning Organization (RRTPO) Vision Zero Work Group Chair, presided and called the July 29, 2021 RRTPO Vision Zero Work Group meeting to order at 10:33 a.m.

ATTENDANCE ROLL CALL & CERTIFICATION OF MEETING QUORUM

Nicole Mueller, Program Coordinator, took attendance by roll call and certified that a quorum was present.

1. Consideration of Amendments to the Agenda

There were no requested changes to the meeting agenda. Seeing and hearing no objections, the agenda was approved by acclamation as presented.

2. Approval of the May 13, 2021 Vision Zero Work Group Meeting Summary

There were no comments or corrections to the May 13, 2021 meeting summary.

On motion of Sharon Smidler, seconded by Jake Herrman, the RRTPO Vision Zero Work Group unanimously approved the meeting summary as presented.

3. Open Public Comment Period

There were no requests to address the work group.

4. Vision Zero Work Group Chair's Report

Chair Clarke thanked everyone for attending the meeting and expressed excitement for the work completed thus far by the VHB and VDOT team and their presentation today.

5. Regional Action Plan

VDOT's on-call consultant VHB supports the work group in its mission to create a regional action plan. VHB joined this effort to track deaths and serious injuries and develop a high injury network for the region. The consultant provided a progress update on data analysis and their work towards a final report that summarizes the patterns and issues identified:

The data discussion for the RRTPO Regional Safety effort focused on the emphasis areas of interest for the region, pedestrian and bicyclist considerations, and examples of crash tree tools.

a. Refining Emphasis Areas

- Fatal and Serious Injury Crashes in RRTPO area by Virginia's Strategic Highway Safety Plan (SHSP) Emphasis Area (2016-2020)
 - The following matrix chart was presented to analyze and understand the relationship between the data sets. (Data excludes Interstates and divided, controlled-access roadways).

Fatal and Serious Injury Crashes in RRPTO area by Virginia SHSP Emphasis Area (2016-2020)

	Impaired Driving	Speed	Occupant Protection	Roadway Departure	Intersections	Young Drivers	Bicycles	Pedestrians	TOTAL
Impaired Driving	163	163	206	297	186	69	10	129	646
Speed	163	201	273	218	131	8	30	607	
Occupant Protection	206	201	353	257	125	2	21	702	
Roadway Departure	297	273	353	99	153	6	0	1060	
Intersections	186	218	257	99	256	56	151	1441	
Young Drivers	69	131	125	153	256	18	62	537	
Bicycles	10	8	2	6	56	18	1	88	
Pedestrians	129	30	21	0	151	62	1	399	
TOTAL FOR EMPHASIS AREA	646	607	702	1060	1441	537	88	399	3224

	Impaired Driving	Speed	Occupant Protection	Roadway Departure	Intersections	Young Drivers	Bicycles	Pedestrians
Impaired Driving	25%	27%	29%	28%	13%	13%	11%	32%
Speed	25%	29%	26%	15%	24%	9%	8%	
Occupant Protection	32%	33%	33%	18%	23%	2%	5%	
Roadway Departure	46%	45%	50%	7%	28%	7%	0%	
Intersections	29%	36%	37%	9%	48%	64%	38%	
Young Drivers	11%	22%	18%	14%	18%	20%	16%	
Bicycles	2%	1%	0%	1%	4%	3%	0%	
Pedestrians	20%	5%	3%	0%	10%	12%	1%	

color scale is read vertically
 percentages are in relation to the column

This table allows for refinement of recommendations on emphasis areas that represent a balance of priorities and focus strategies.

- Cross-Tabulation Analysis of Crashes by Road Systems
 - Fatal and Serious Injury in RRTPO area by Road System Type (2016-2020):
 The following table was provided to describe the interaction between three categorical variables: roadway networks (primary, secondary roads, and other (local roadway network)).

	Impaired Driving	Speed	Occupant Protection	Roadway Departure	Intersections	Young Drivers	Bicycles	Pedestrians
Primary	34%	32%	30%	28%	33%	34%	23%	32%
Secondary	33%	44%	37%	43%	19%	38%	9%	11%
Other	33%	24%	33%	29%	48%	28%	68%	56%

This information may assist with pinpointing where to focus resources.

- A Sample Venn Diagram showed how we can identify priority locations because multiple factors are present in crashes.
- b. Pedestrian Safety Action Plan Corridor Analysis

The Pedestrian Considerations using Pedestrian Safety Action Plan (PSAP) is a statewide plan that analyzed pedestrian crashes for hot spots and identified critical corridors for targeted pedestrian improvements. Each jurisdiction in each area of the TPO is different and has its own unique safety issues. For example, an overlay of regional pedestrian crashes with the PSAP data indicated that pedestrian crashes are mostly occurring in the urban core localities.

The FHWA Crash Tree Tool allows users to generate diagrams to help you identify and select the facility types where the focus crash types most frequently occur. Examples of crash tree diagrams showed how we can break down crashes within an identified emphasis area to help determine strategies and actions. Each of the nine localities will be able to use the prepared Excel files including five years of data pre-populated from 2016 to 2020. The final report will include trees for the region as well as a couple of relevant trees for the localities in the appendices.

Next Steps:

- Provide Crash tree Tool for each locality
- Documentation into Final Report
 - Include High Injury Networks
 - Include Health Opportunity Index results
 - Regional Crash Trees
 - Highlights of predominant crash factors in each locality
 - Provide linkages to VDOT tools and resources
 - All information collected over the course of this project will be synthesized and documented into a final report by the end of August 2021 and will include the various exhibits (hydrene network maps, health opportunity index results, regional crash trees, highlights of predominant crash factors in each locality), provide a narrative to explain what this regional plan is all about, how it ties

- into statewide efforts, and references to the safe system approach that the public will need to understand why this approach was taken.
- A draft final report will be provided to the work group, and feedback can be provided until September 10th. The draft final report will go before the RRTPO Policy Board with a RRTPO Technical Advisory Committee recommendation.

A recording of the VHB presentation can be viewed [here](#).

6. Vision Zero Work Group Member Comments

No comments were offered.

7. Next Vision Zero Work Group Meeting: September 16, 2021

The next meeting will be held virtually on September 16, 2021 at 10 a.m.

8. Adjournment

The meeting was adjourned at 11:34 a.m. on July 29, 2021.

CAP/nm