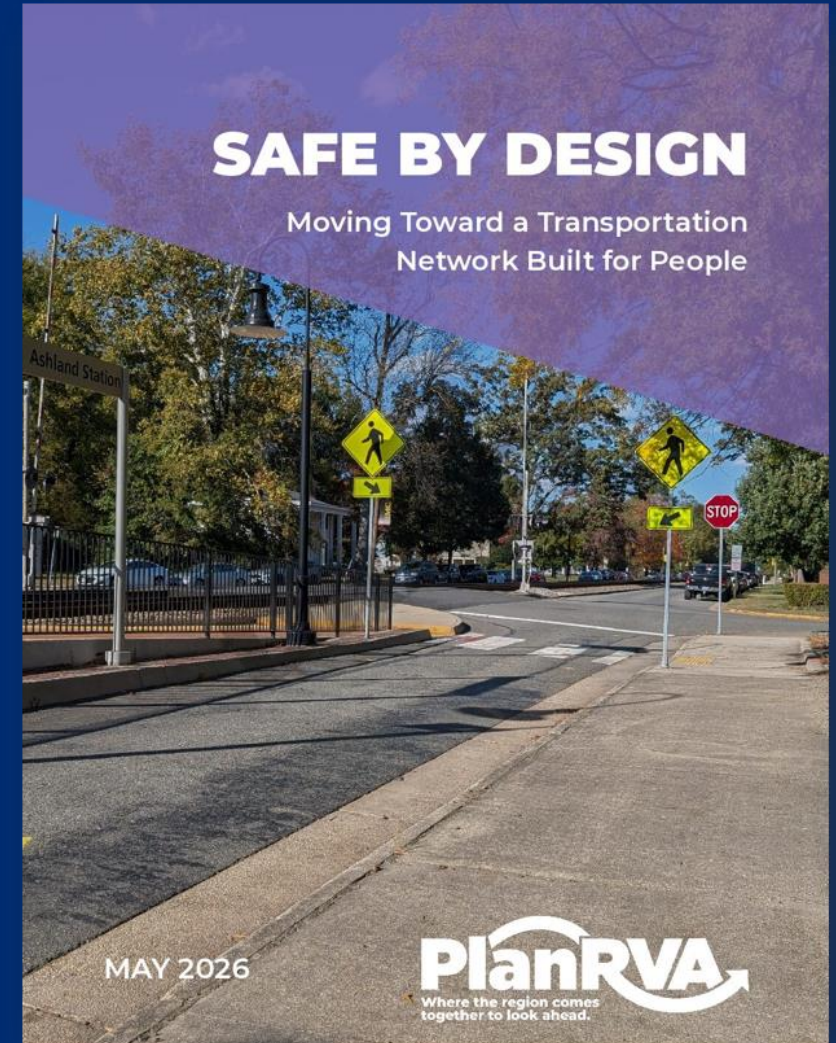


Road Safety Assessment Candidates

RRTPO TAC
August 11, 2026

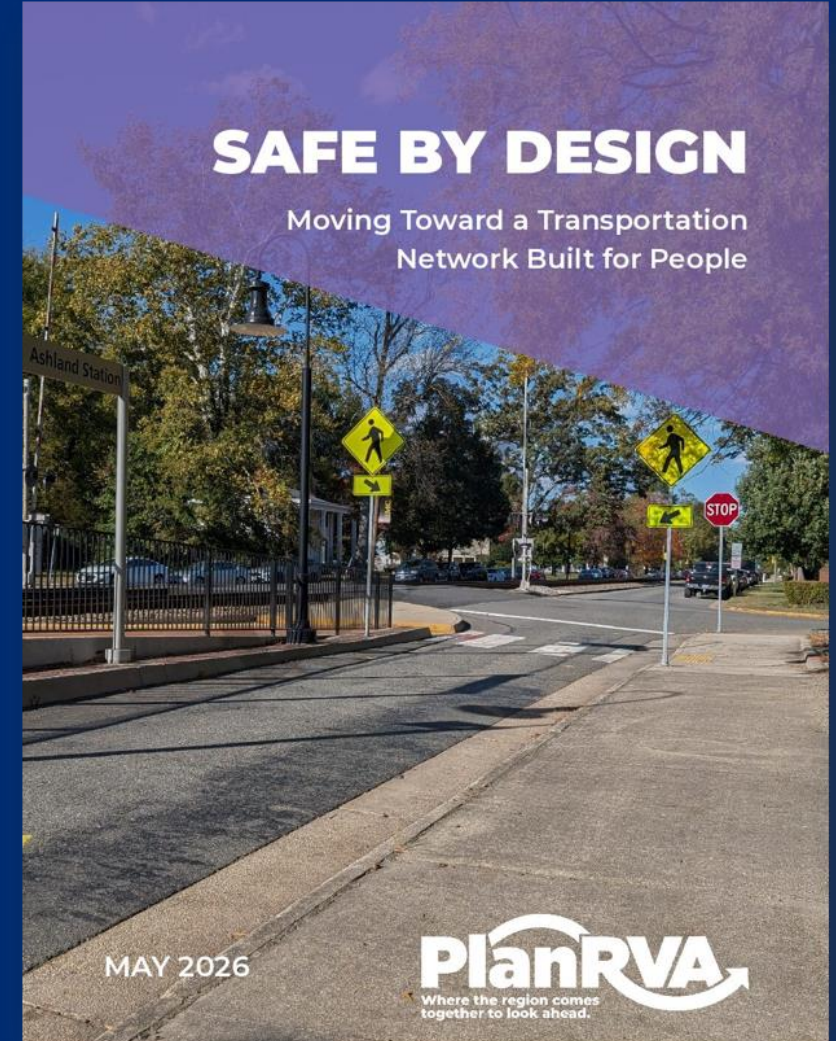
Safety Plan Actions

1. Create A Regional Street Design Manual
- 2. Develop Regional Road Safety Assessment Program**
3. Develop a Regional Quick Build Library with Kit of Parts
4. Implement Quick Build Projects using Kit of Parts and guidance from RSAs
5. Advance Complementary Safety Plans
6. Track Changes and Keep Safety as Regional Priority



Safety Plan Actions

1. The Street Design Manual provides the "what"
- 2. The Road Safety Assessment (RSA) program identifies "where and why"**
3. The Quick Build Kit of Parts answers "how" (quickly)
4. Demonstration projects prove the approach works
5. Complementary plans address factors and issues related to safety
6. The safety dashboard ensures progress is visible, shared, and sustained



Action 2: Develop RSA Program

- RSAs used inconsistently across region
- Limited integration of community knowledge or demographic analysis
- Action establishes a coordinated, regional RSA program within the RRTPO's UPWP
- Location prioritization will draw on the HIN, demographic and health overlays, and community-reported concerns



*2026 RSA on Branders Bridge Road
(Chesterfield County)*

Action 2: Key Outcomes

- A recurring, multi-jurisdictional RSA program with clear protocols and interdisciplinary teams
- Community engagement component
- Findings generate a pipeline of tiered recommendations that feed directly into the Quick Build program (Action 4) and into longer-range capital project planning and funding applications
- Public repository of RSA findings



*2026 RSA on Branders Bridge Road
(Chesterfield County)*

RSA Tasks

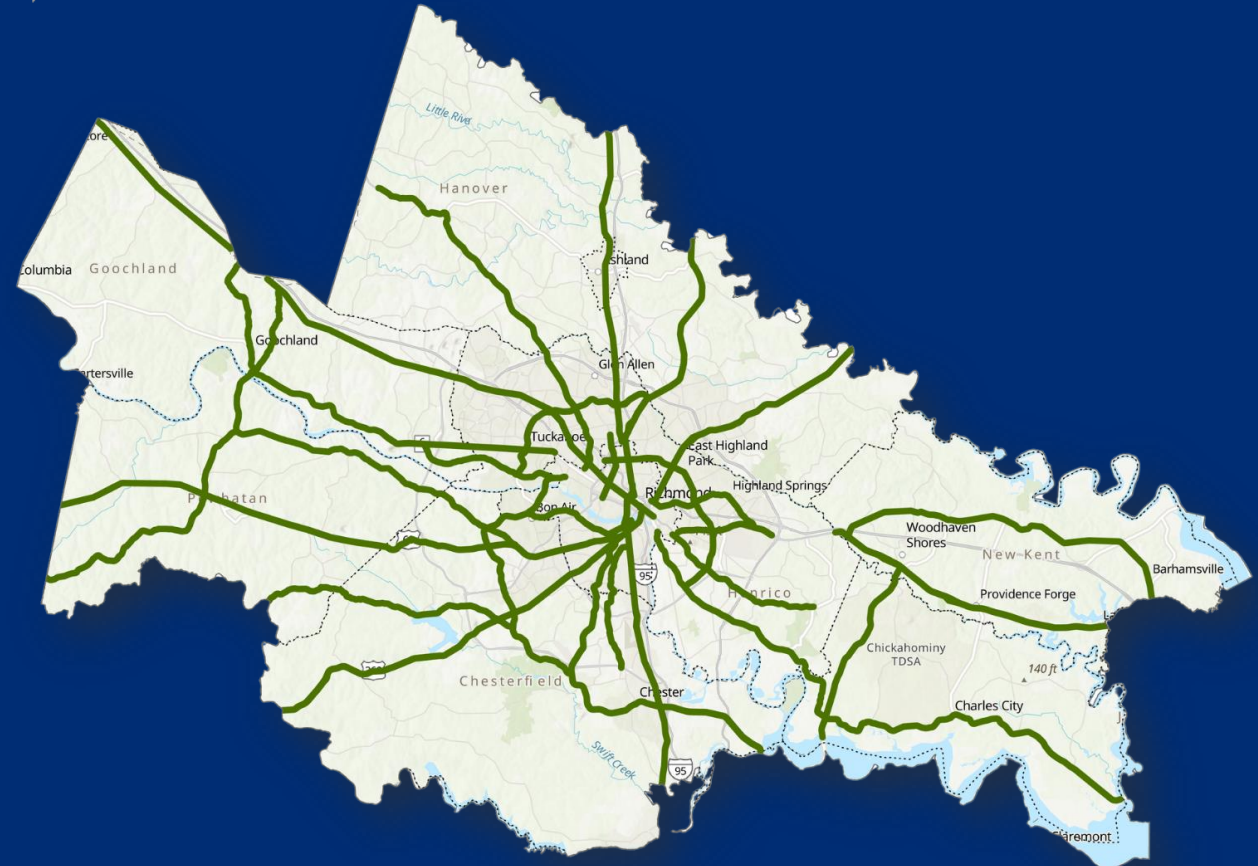


Task	Description	Timeline
2.1	Develop RSA protocols adapted from state and national guidance, with a built-in community engagement component	Year 1
2.2	Establish a multidisciplinary RSA team roster, including engineering, planning, public health, emergency services, and disability representation	Year 1
2.3	Develop a location prioritization methodology using the HIN, demographic/health data, crash history, and community input	Year 1
2.4	Design and pilot a public-facing community assessment component (structured walk/bike audits and resident observation guides) for use alongside technical site visits	Years 1– 2
2.5	Conduct first round of RSAs at 5–8 priority locations, with geographic and typological representation across the region; produce formal reports with tiered recommendations	Year 2
2.6	Create a publicly accessible RSA findings database linking assessment results to the project pipeline and funding opportunities	Years 2–3, ongoing

From Safe by Design

Priority Safety Corridors

- Named segments derived from the HIN
- Supported by crash hot spot data, community-identified concerns, and multi-jurisdictional continuity
- Exact future RSA limits to be refined in coordination with respective locality
- Where the region can make the most meaningful near-term safety impact



Staples Mill Corridor

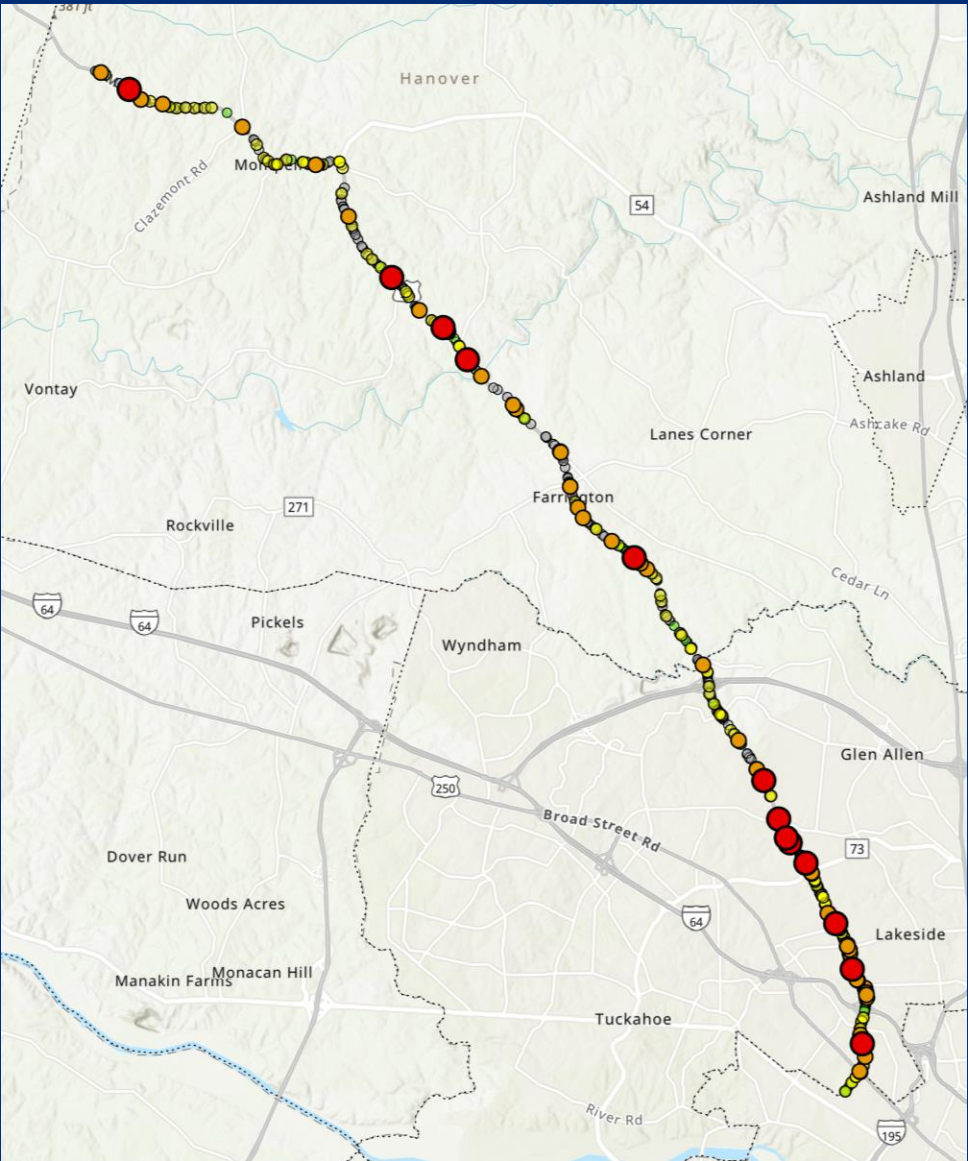
Richmond, Henrico, Hanover
24.8 miles | 1,463 crashes

Injury Severity	
K	13
A	53
B	343
C	67
O	987

Weather	
No Adverse	1,305
Rain	125
Fog	3
Snow	8
Mist	20

Lighting	
Daylight	1,020
Dawn/Dusk	66
Dark – Road Lighted	108
Dark – Road Not Lighted	264

Crash Type			
Angle	500	Pedestrian	18
Rear End	502	Bicyclist	1
Head On	27	Motorcyclist	0
Sideswipe SD	121	Fixed Object – In Road	13
Sideswipe OD	10	Fixed Object – Off Road	157
Non-Collision	17	Backed Into	2
Other	36	Deer/Animal	58



Mechanicsville Tnpk Corridor

Richmond, Henrico, Hanover

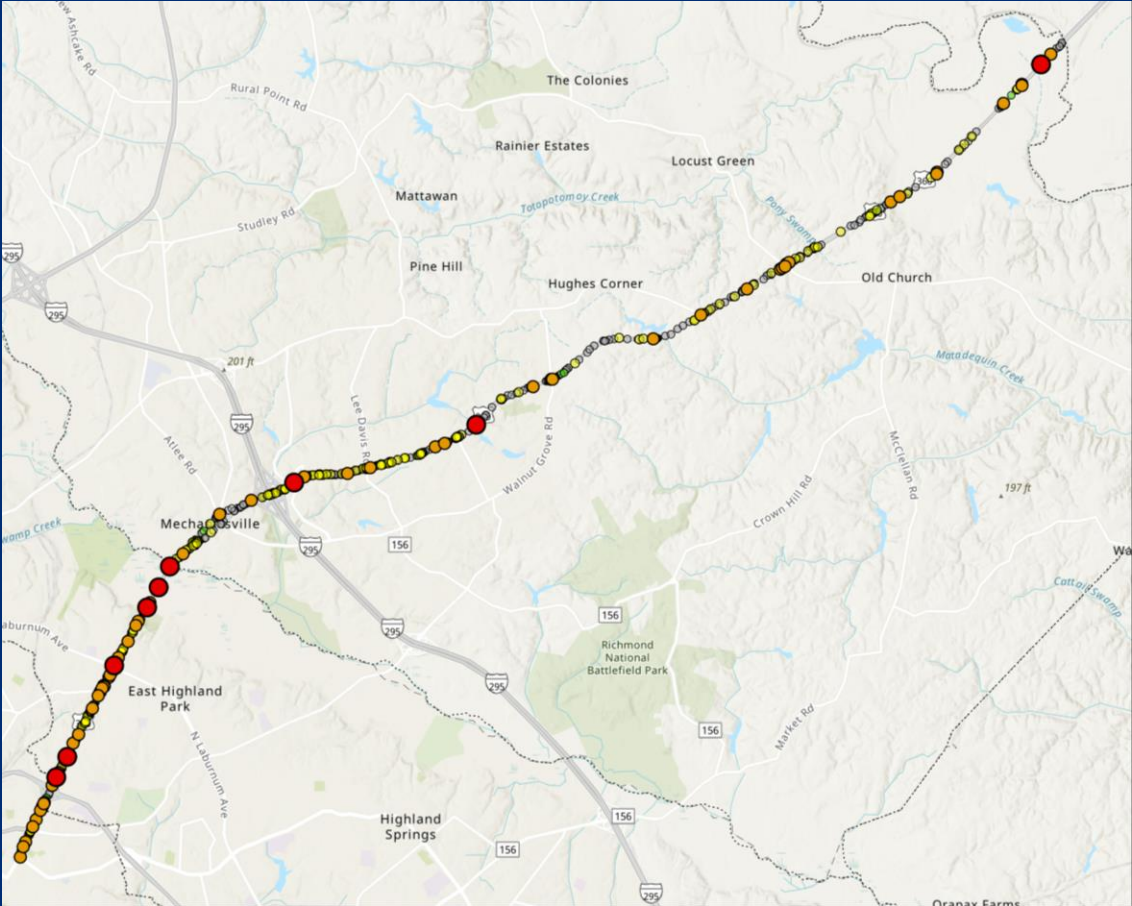
16.9 miles | 1,634 crashes

Injury Severity	
K	9
A	69
B	425
C	60
O	1,071

Weather	
No Adverse	1,449
Rain	163
Fog	1
Snow	6
Mist	13

Lighting	
Daylight	1,077
Dawn/Dusk	110
Dark – Road Lighted	200
Dark – Road Not Lighted	244

Crash Type			
Angle	595	Pedestrian	29
Rear End	578	Bicyclist	2
Head On	27	Motorcyclist	2
Sideswipe SD	150	Fixed Object – In Road	7
Sideswipe OD	12	Fixed Object – Off Road	110
Non-Collision	12	Backed Into	4
Other	42	Deer/Animal	64



Patterson Corridor

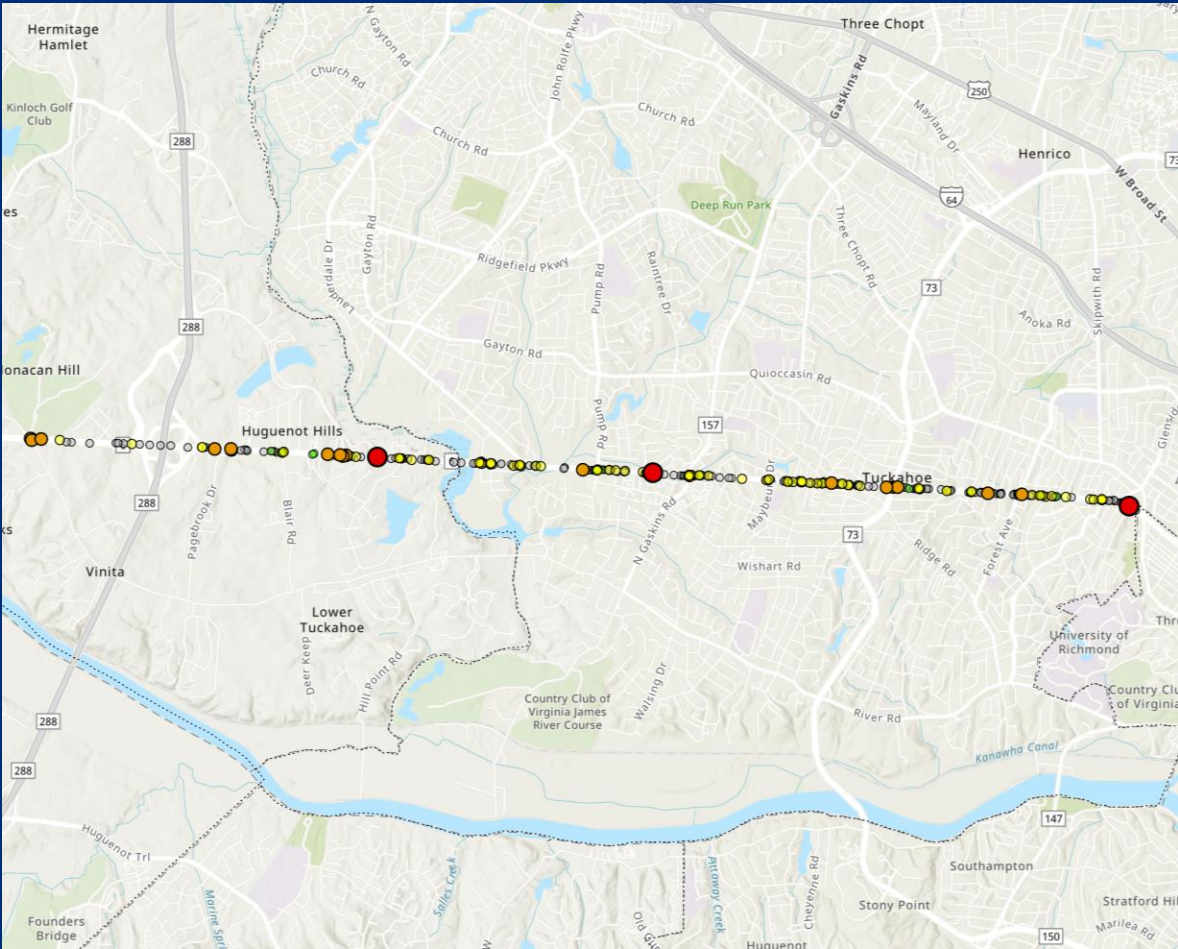
Henrico, Goochland
8.4 miles | 606 crashes

Injury Severity	
K	3
A	16
B	135
C	34
O	418

Weather	
No Adverse	536
Rain	57
Fog	0
Snow	3
Mist	9

Lighting	
Daylight	437
Dawn/Dusk	35
Dark – Road Lighted	33
Dark – Road Not Lighted	101

Crash Type			
Angle	264	Pedestrian	6
Rear End	203	Bicyclist	0
Head On	13	Motorcyclist	0
Sideswipe SD	41	Fixed Object – In Road	4
Sideswipe OD	3	Fixed Object – Off Road	32
Non-Collision	1	Backed Into	1
Other	13	Deer/Animal	25



Huguenot/Courthouse Corridor

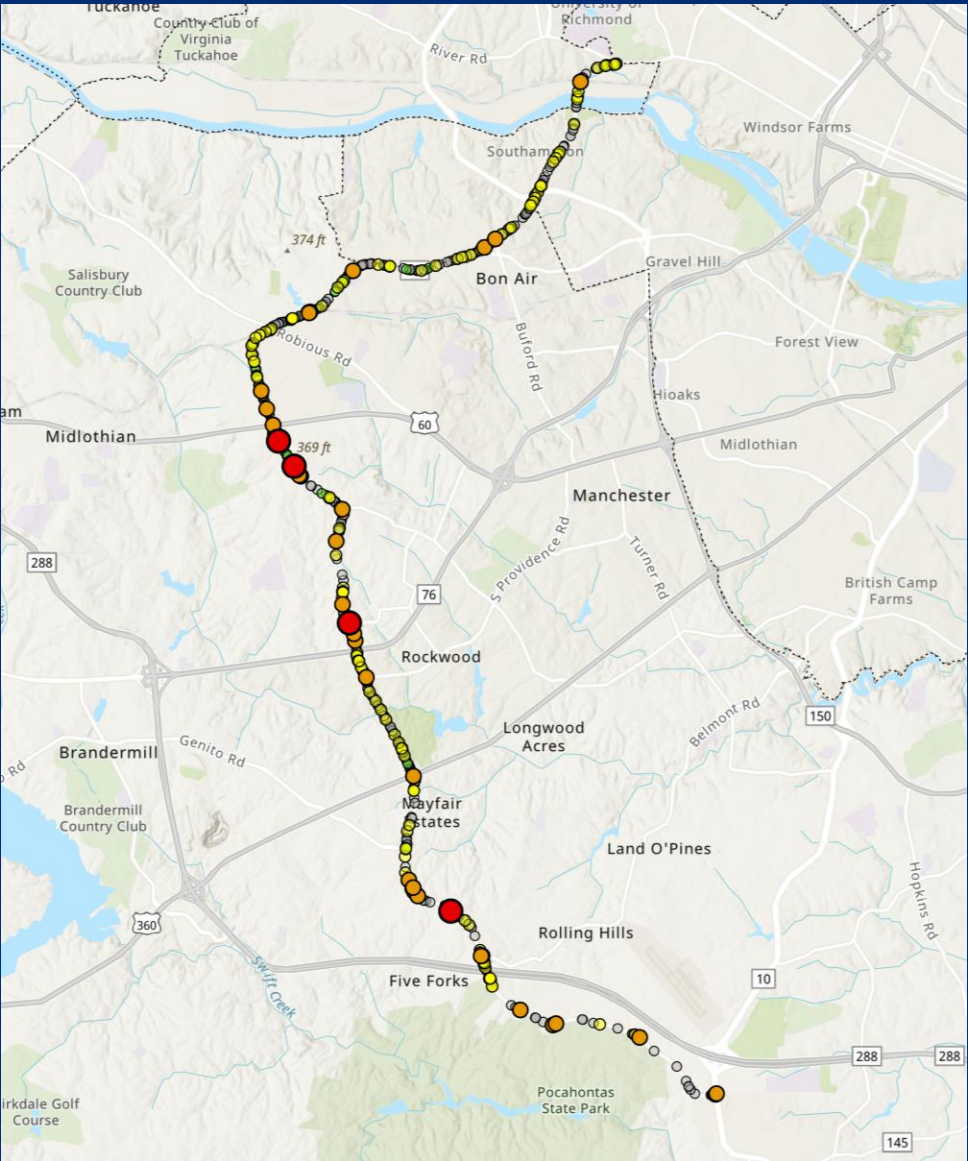
Henrico, Richmond, Chesterfield
18.2 miles | 1,398

Injury Severity	
K	4
A	38
B	287
C	39
O	1,030

Weather	
No Adverse	1,229
Rain	143
Fog	2
Snow	16
Mist	7

Lighting	
Daylight	1,021
Dawn/Dusk	93
Dark – Road Lighted	97
Dark – Road Not Lighted	182

Crash Type			
Angle	556	Pedestrian	2
Rear End	544	Bicyclist	0
Head On	26	Motorcyclist	0
Sideswipe SD	105	Fixed Object – In Road	3
Sideswipe OD	6	Fixed Object – Off Road	82
Non-Collision	6	Backed Into	0
Other	10	Deer/Animal	58



Anderson/Midlothian Corridor

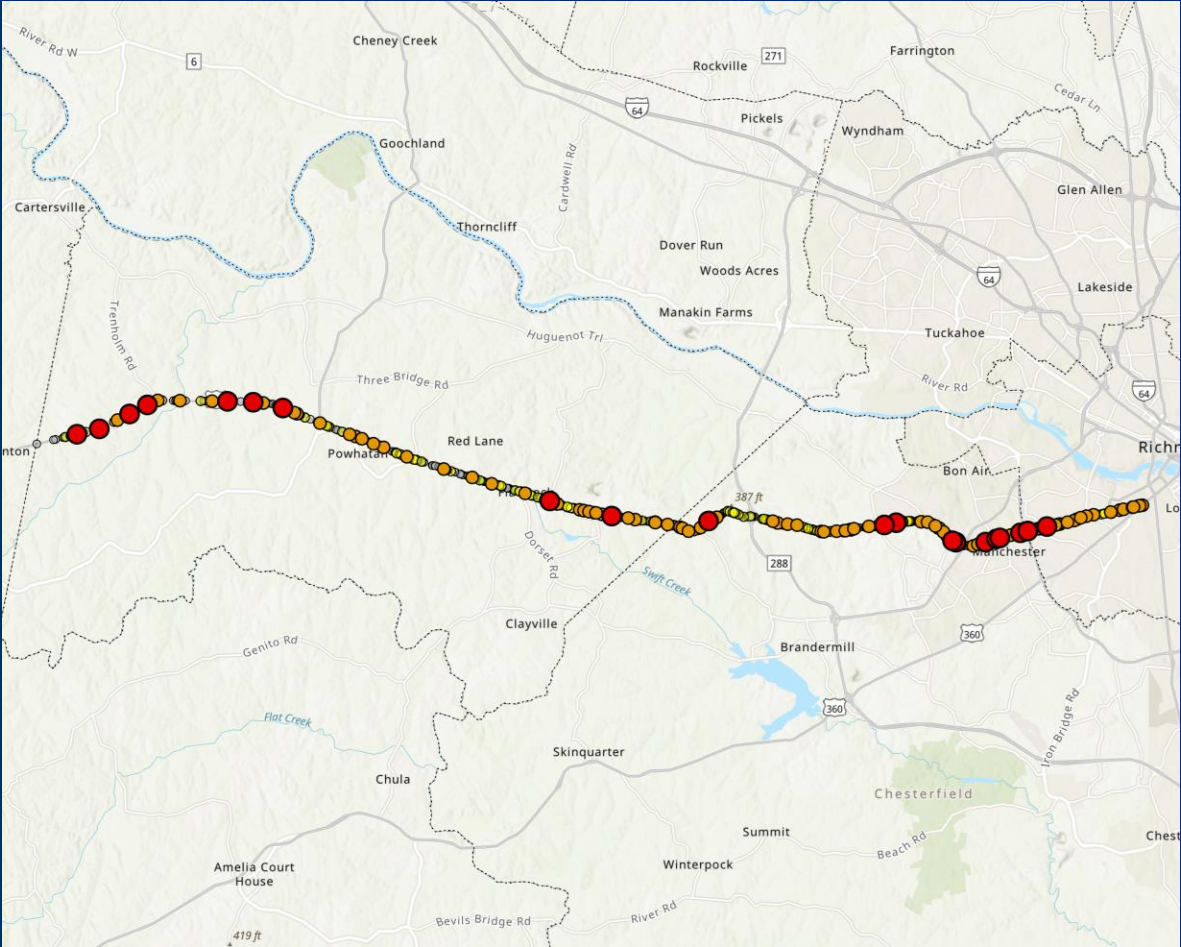
Richmond, Chesterfield, Powhatan
37.5 miles | 3,719 crashes

Injury Severity	
K	20
A	116
B	801
C	156
O	2,626

Weather	
No Adverse	3,262
Rain	411
Fog	2
Snow	24
Mist	19

Lighting	
Daylight	2,733
Dawn/Dusk	185
Dark – Road Lighted	405
Dark – Road Not Lighted	394

Crash Type			
Angle	1,229	Pedestrian	48
Rear End	1,647	Bicyclist	1
Head On	44	Motorcyclist	1
Sideswipe SD	341	Fixed Object – In Road	21
Sideswipe OD	15	Fixed Object – Off Road	227
Non-Collision	21	Backed Into	4
Other	44	Deer/Animal	76



Broad Rock/Iron Bridge Corridor

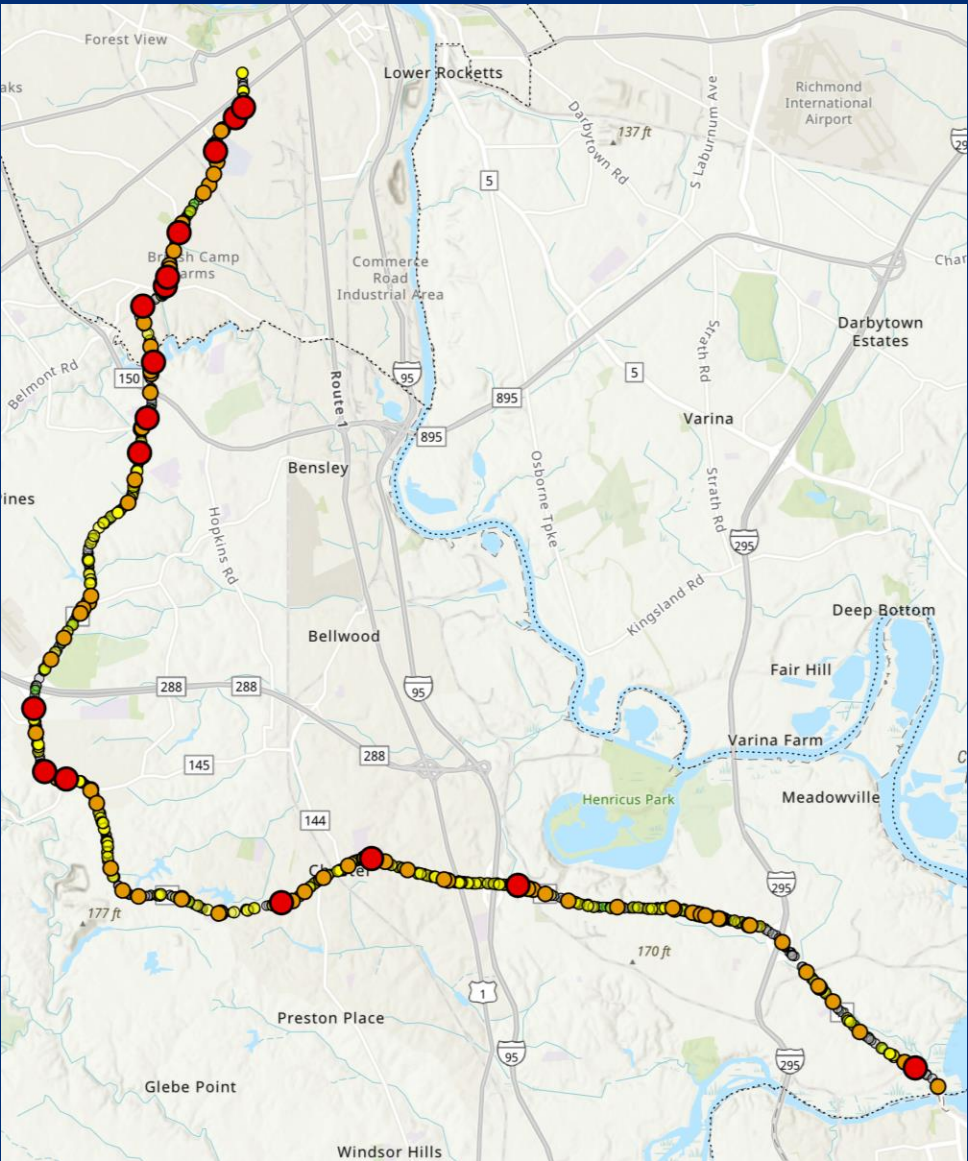
Richmond, Chesterfield
24.6 miles | 2,922 crashes

Injury Severity	
K	17
A	93
B	669
C	156
O	1,987

Weather	
No Adverse	2,600
Rain	275
Fog	7
Snow	17
Mist	23

Lighting	
Daylight	1,879
Dawn/Dusk	234
Dark – Road Lighted	425
Dark – Road Not Lighted	363

Crash Type			
Angle	1,057	Pedestrian	33
Rear End	1,064	Bicyclist	3
Head On	54	Motorcyclist	2
Sideswipe SD	315	Fixed Object – In Road	8
Sideswipe OD	7	Fixed Object – Off Road	240
Non-Collision	15	Backed Into	4
Other	47	Deer/Animal	74



Roxbury Corridor

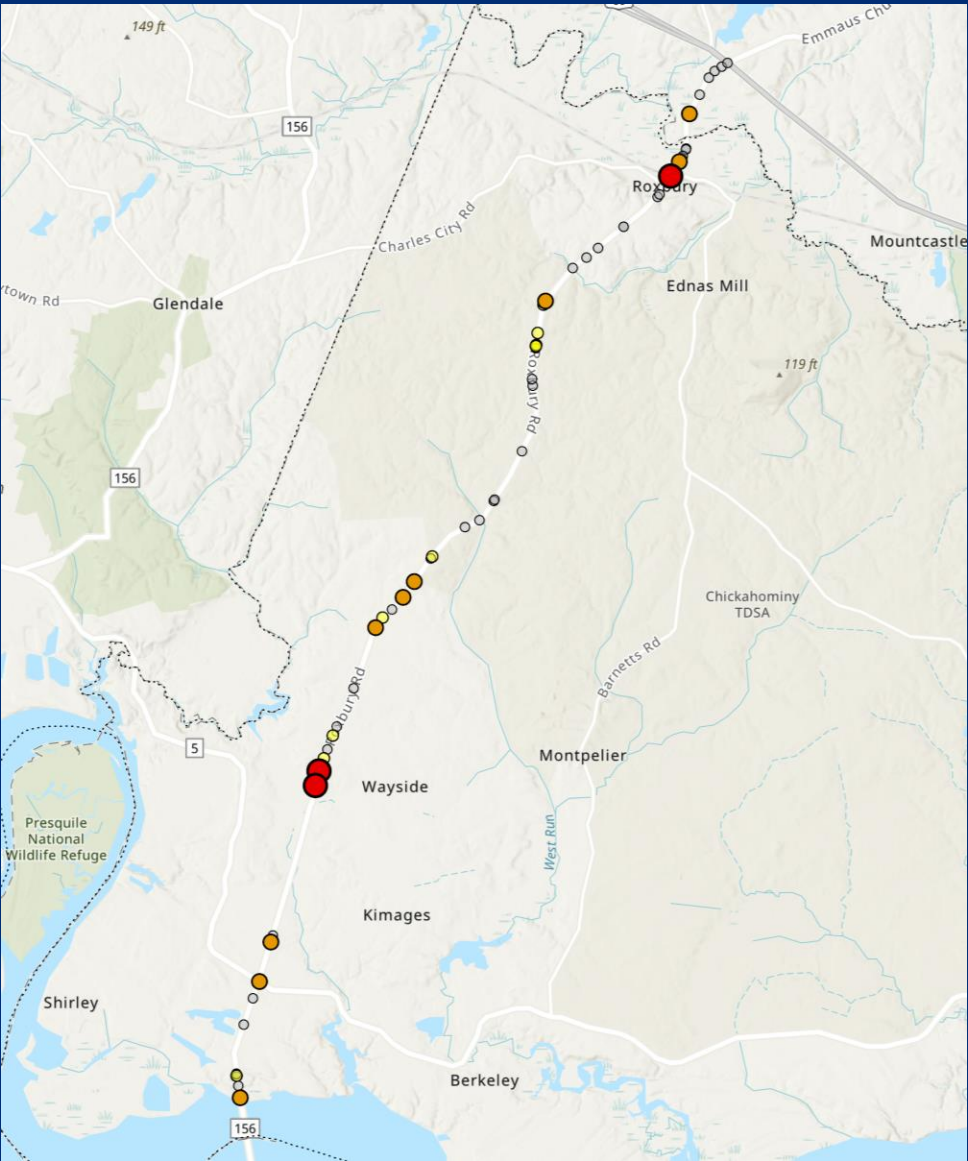
Charles City, New Kent
12.5 miles | 86 crashes

Injury Severity	
K	3
A	9
B	18
C	0
O	56

Weather	
No Adverse	81
Rain	3
Fog	2
Snow	0
Mist	0

Lighting	
Daylight	51
Dawn/Dusk	4
Dark – Road Lighted	3
Dark – Road Not Lighted	28

Crash Type			
Angle	28	Pedestrian	0
Rear End	8	Bicyclist	0
Head On	2	Motorcyclist	0
Sideswipe SD	3	Fixed Object – In Road	1
Sideswipe OD	4	Fixed Object – Off Road	18
Non-Collision	1	Backed Into	1
Other	5	Deer/Animal	15



Arthur Ashe/Hermitage Corridor

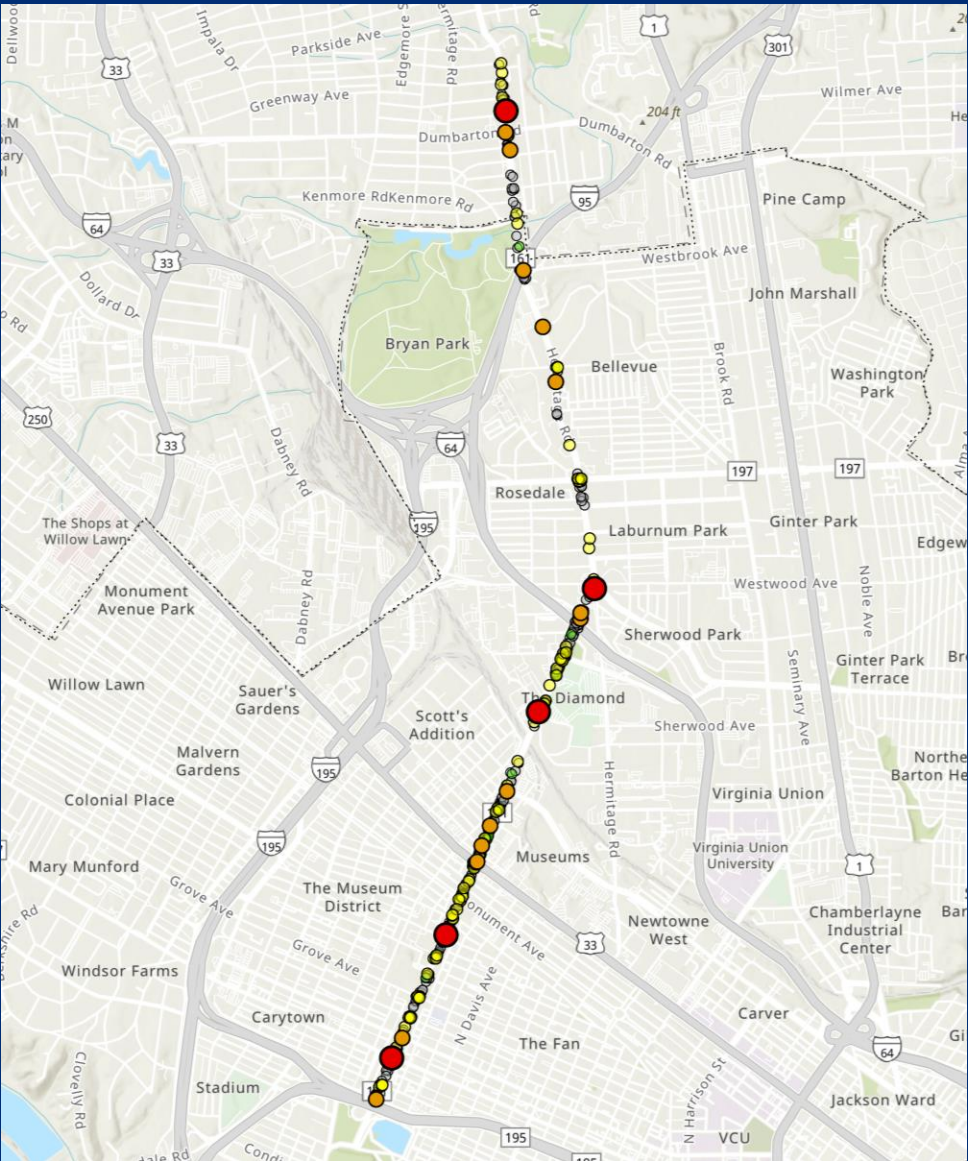
Richmond, Henrico
4.3 miles | 731 crashes

Injury Severity	
K	5
A	19
B	176
C	44
O	487

Weather	
No Adverse	653
Rain	69
Fog	0
Snow	5
Mist	3

Lighting	
Daylight	461
Dawn/Dusk	29
Dark – Road Lighted	227
Dark – Road Not Lighted	12

Crash Type			
Angle	406	Pedestrian	15
Rear End	134	Bicyclist	0
Head On	23	Motorcyclist	1
Sideswipe SD	76	Fixed Object – In Road	3
Sideswipe OD	6	Fixed Object – Off Road	2
Non-Collision	1	Backed Into	2
Other	32	Deer/Animal	0



Discussion

- What corridor should be evaluated for inclusion in regional RSA pilot
 - Need
 - Gaps
 - Readiness
 - Regional context
- Specific segment within corridor will be refined in coordination with TAC