



TOOLE
DESIGN



Greater Deyerle Neighborhood Association
July 31, 2025

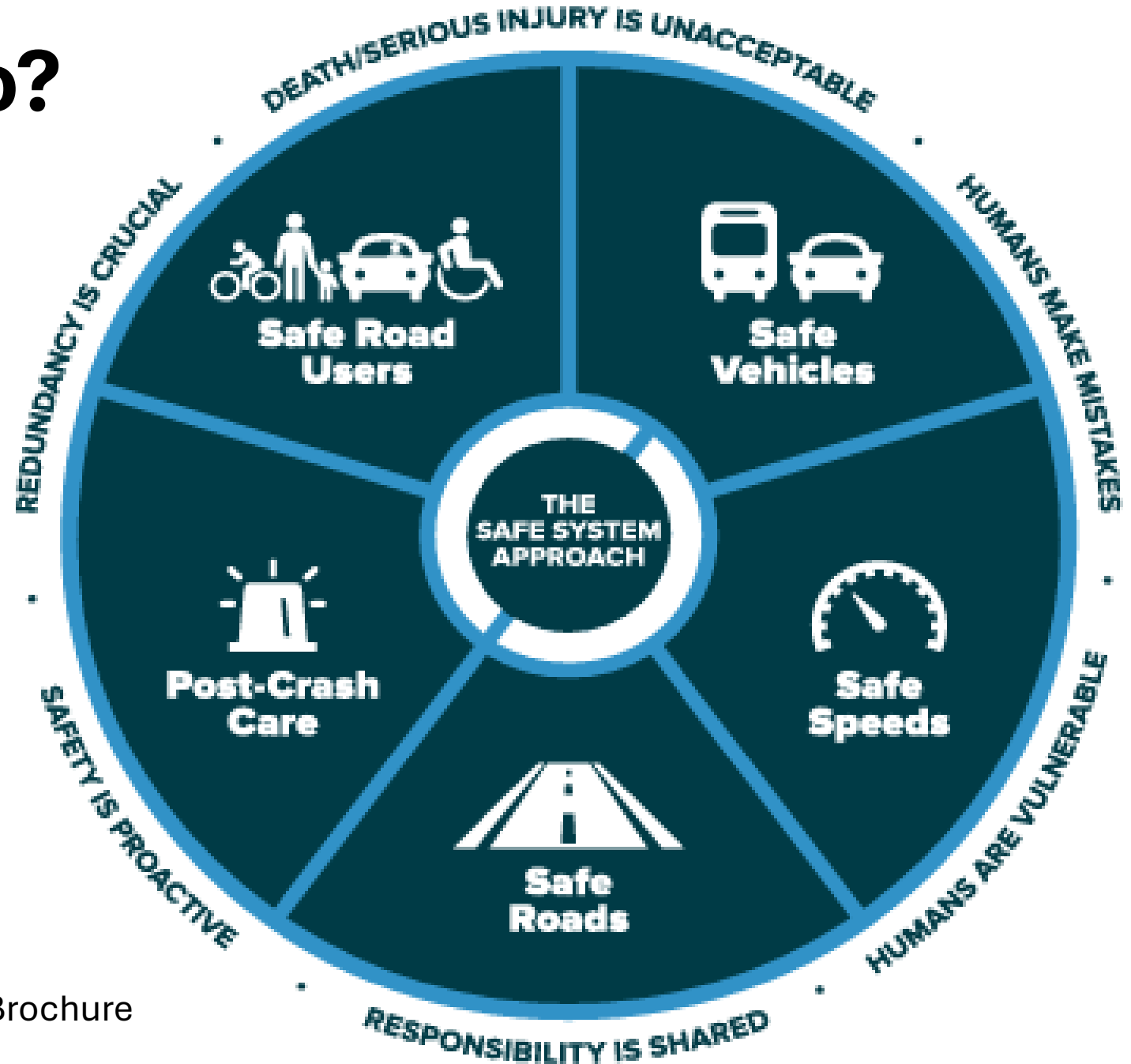




<https://www.youtube.com/watch?v=wpU7BTR2m9E>

What is Vision Zero?

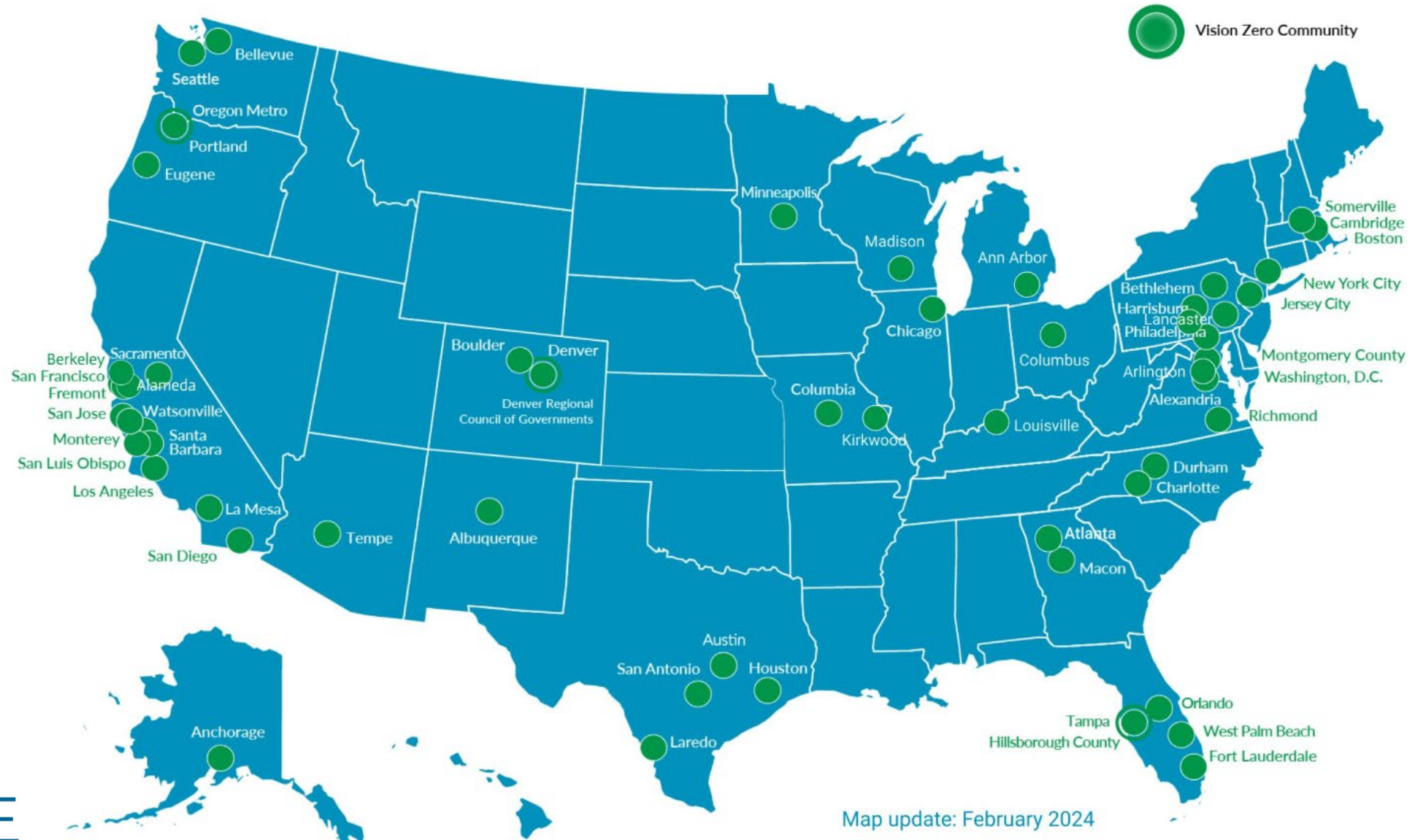
- Safe System Approach



Source: FHWA Safe System Brochure

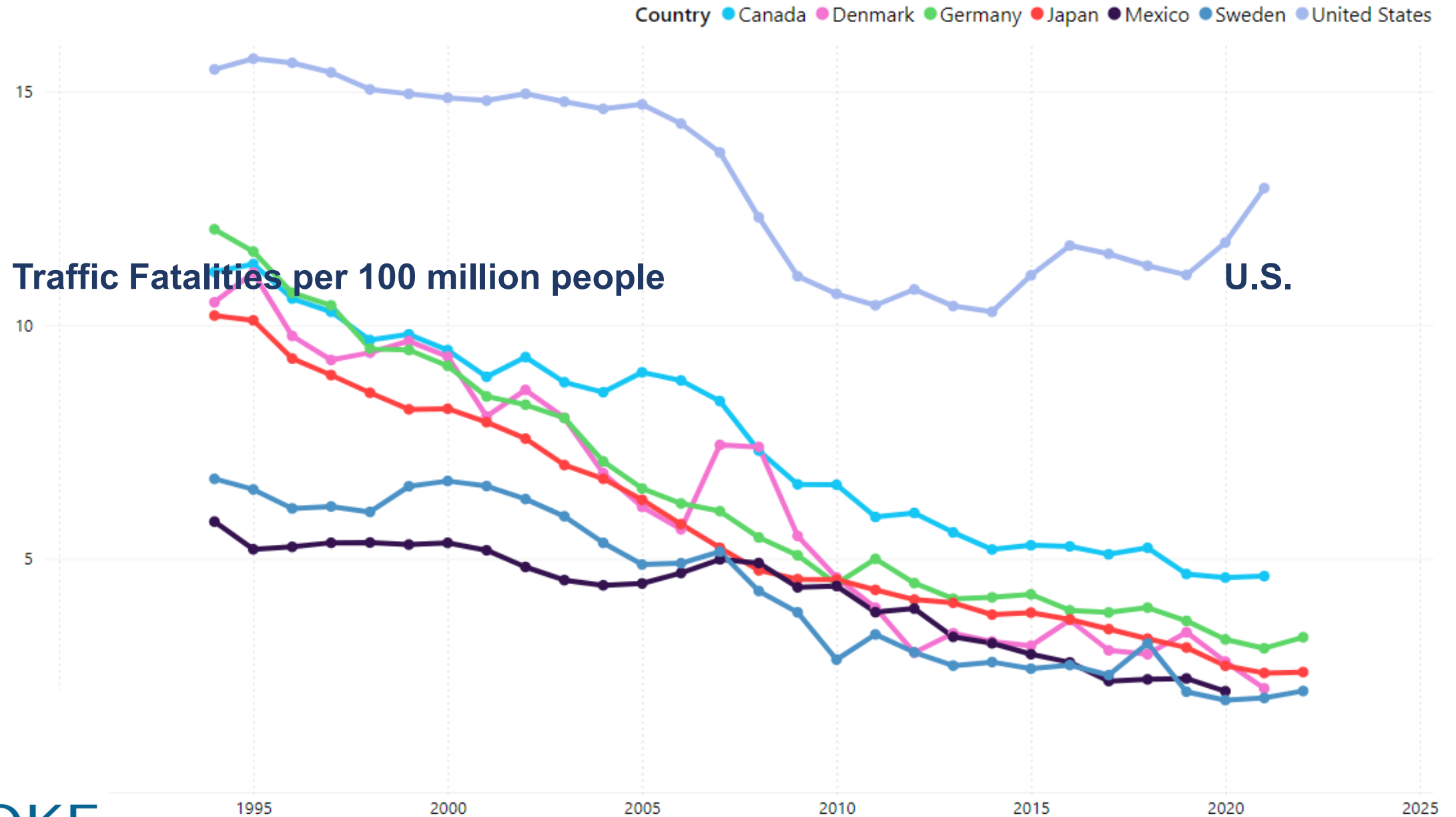
Where is Vision Zero Happening?

VISION ZERO NETWORK



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ROANOKE

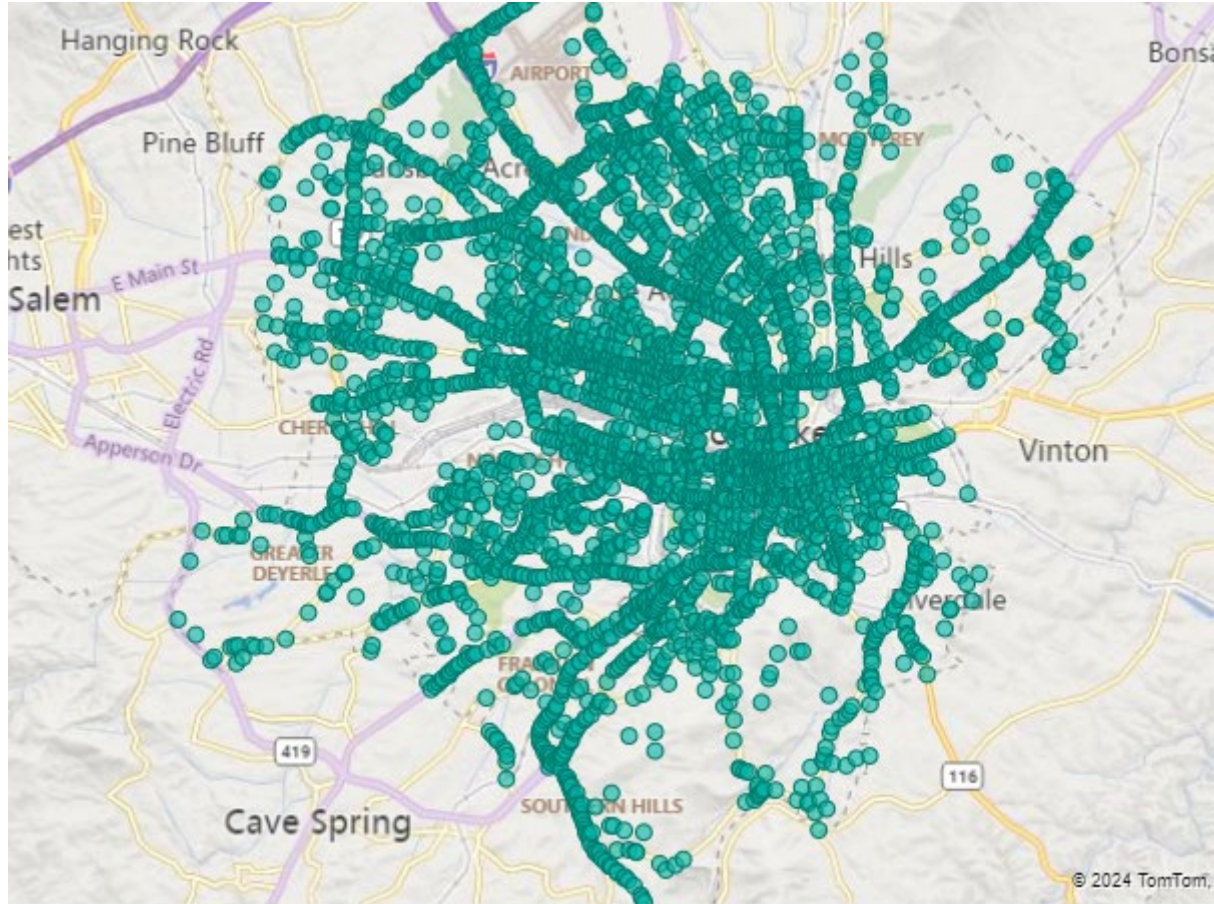
Why Is It Important?



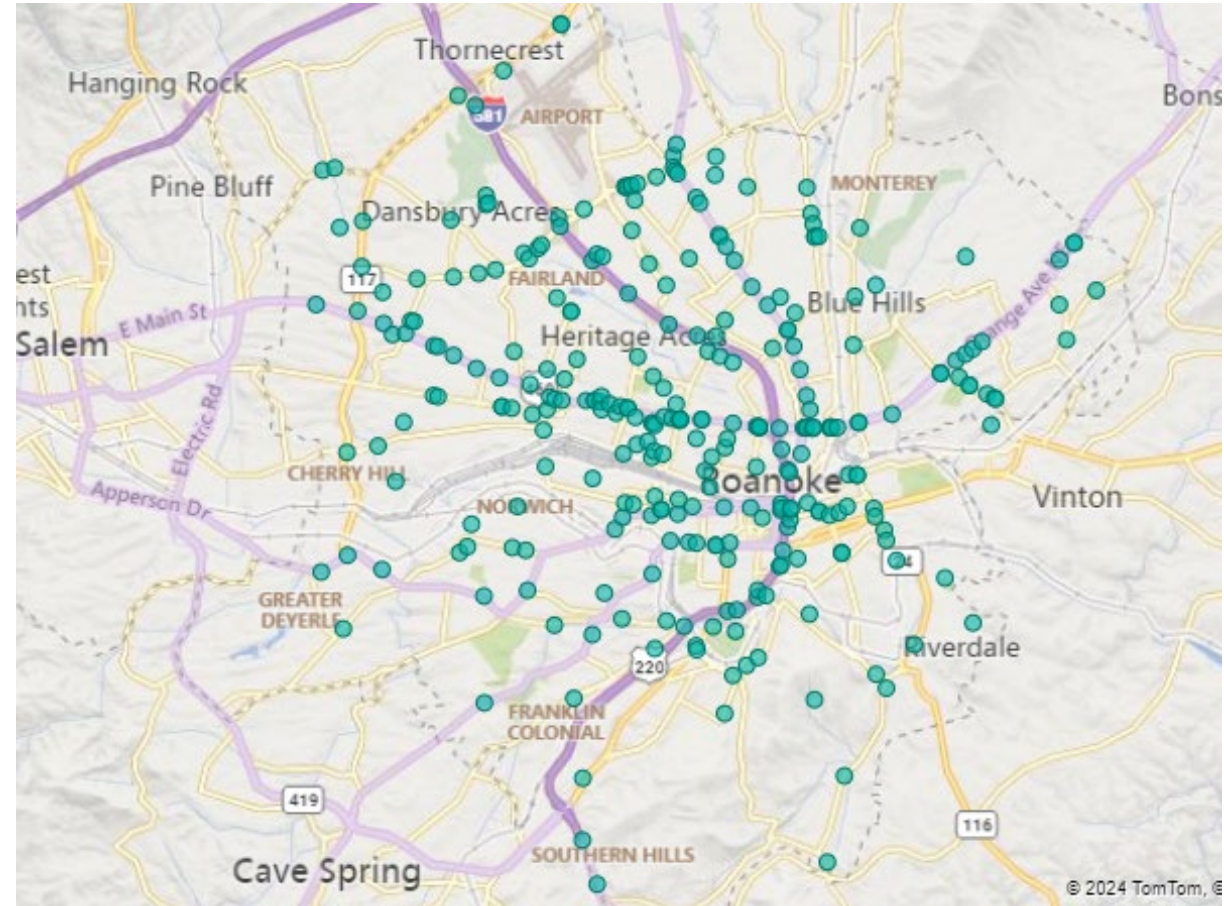
How is Vision Zero Different?

Conventional Approach	Vision Zero Approach
Traffic deaths are inevitable	Traffic deaths are preventable
Prevent collisions	Prevent fatal and severe crashes
Perfect human behavior	Integrate human error into approach
Individual responsibility	Systems approach

How is Vision Zero Different?



8,500 crashes 2019-2023

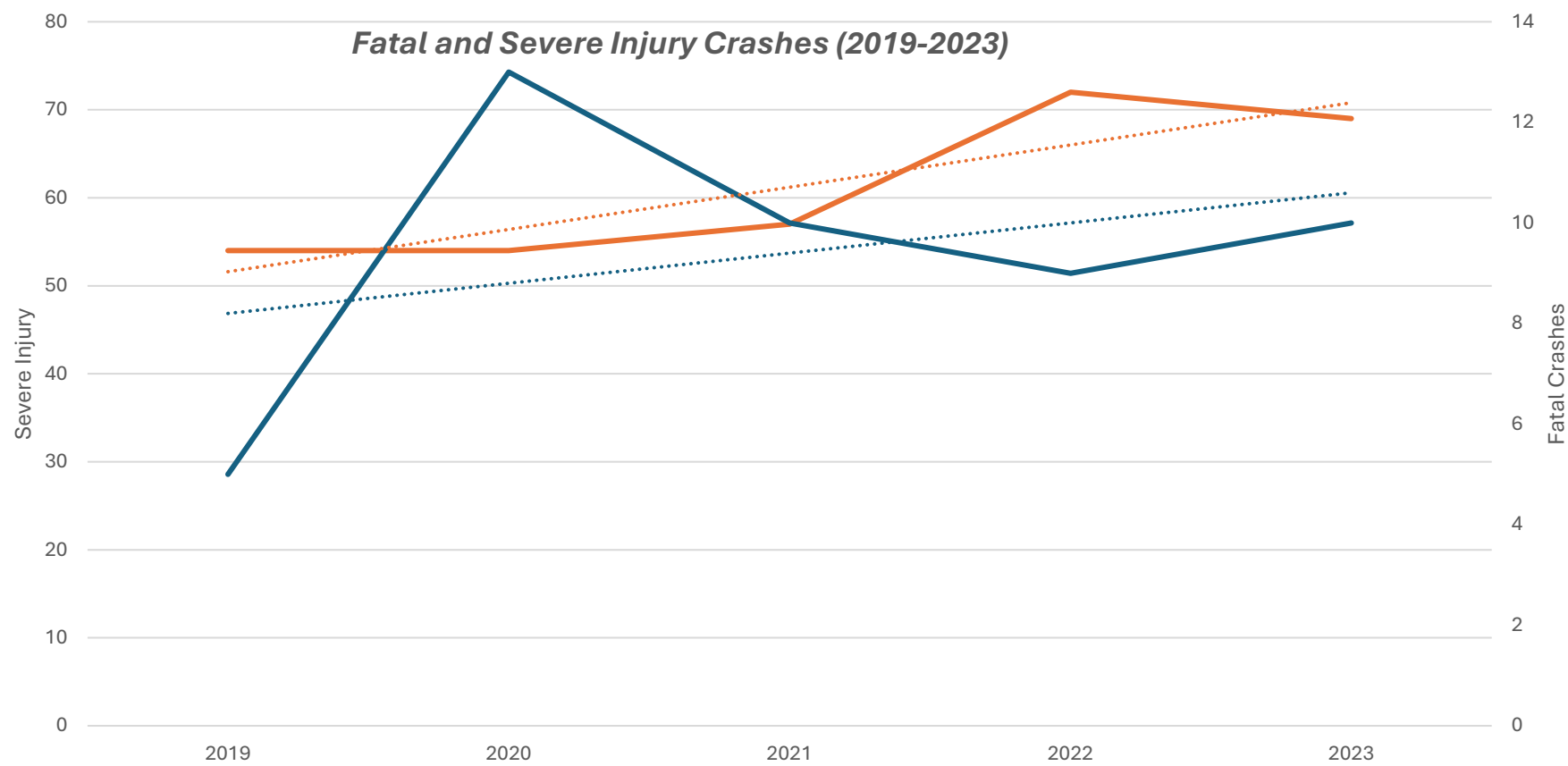


366 Fatal & Serious Injury (FSI) Crashes

Overall Trends



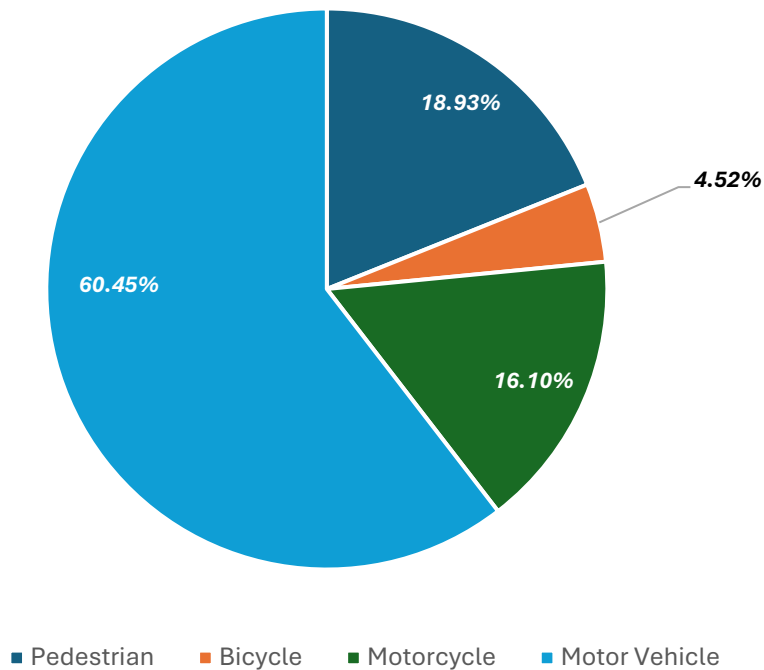
Overall Fatal & Serious Injury Crash Trends



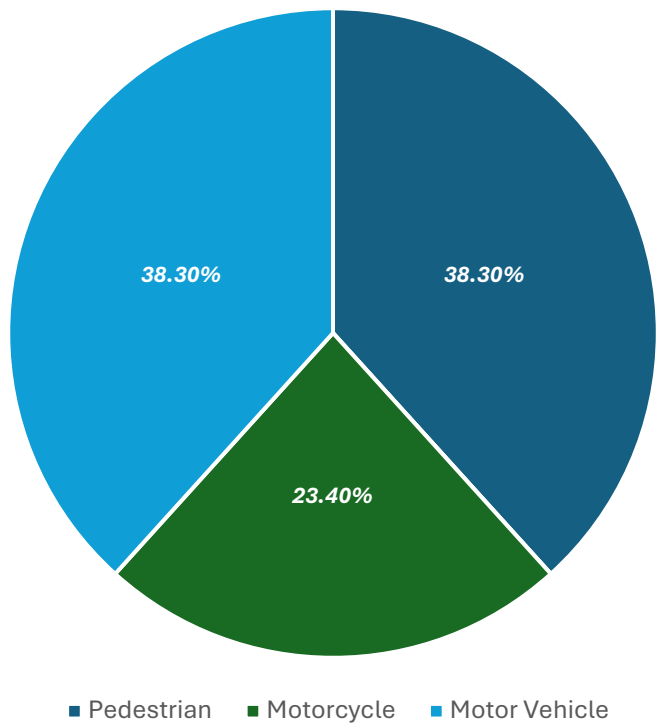
Fatal & Serious Injury Crash Trends by Mode – % Share



Percent Share of FSI Crashes by Mode (2019-2023)

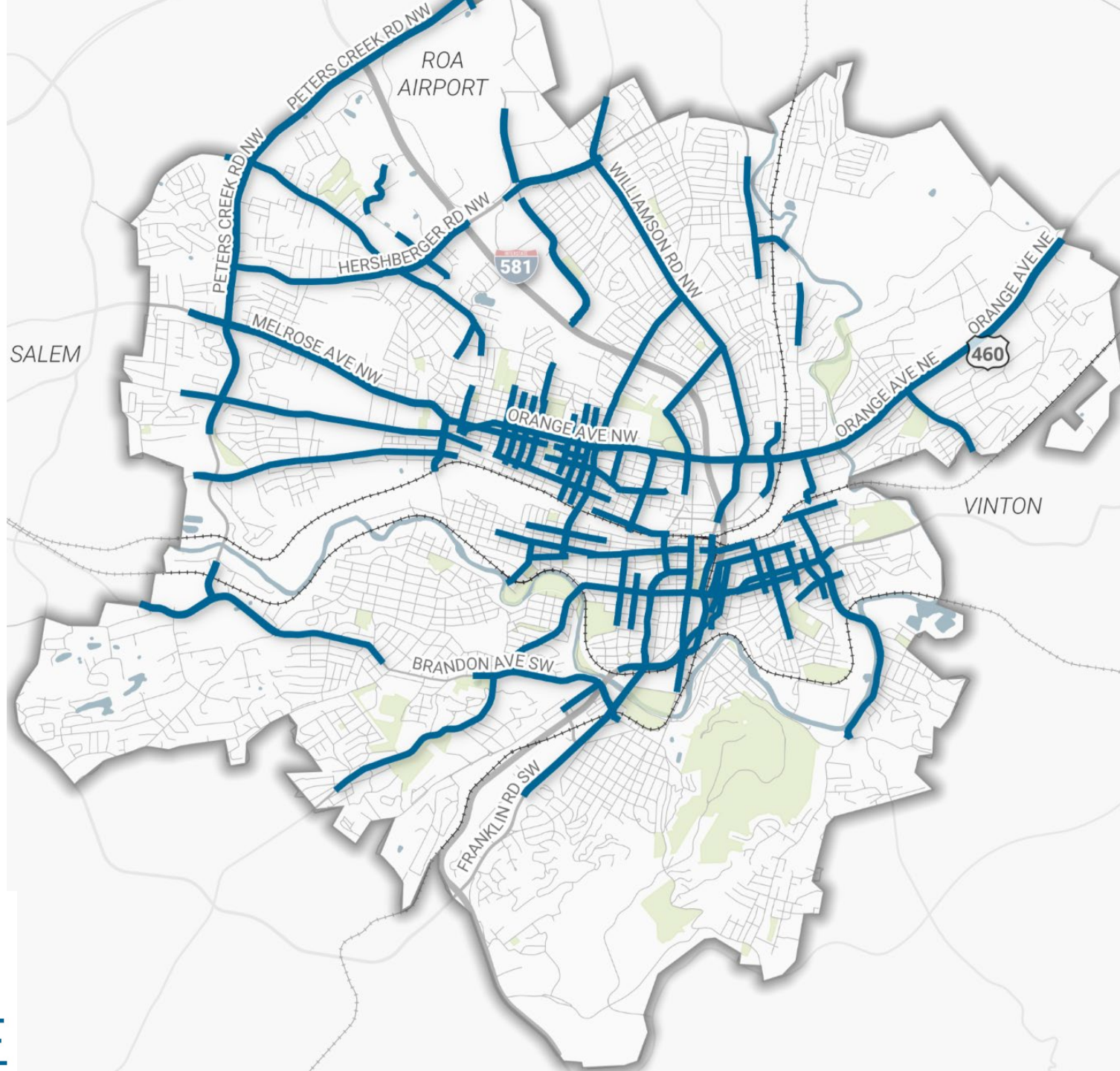


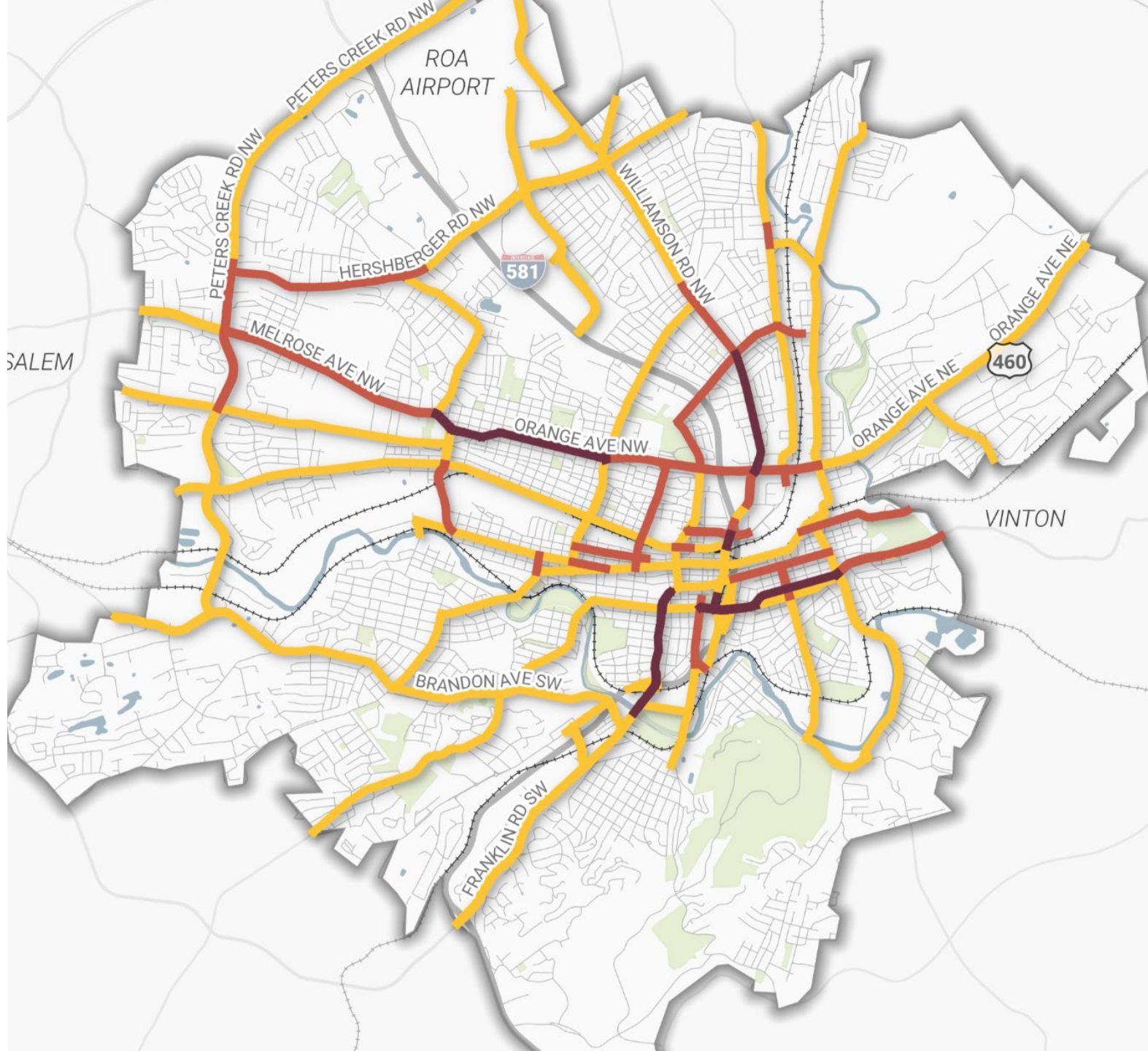
Percent Share of Fatal Crashes by Mode (2019-2023)



High-injury Network

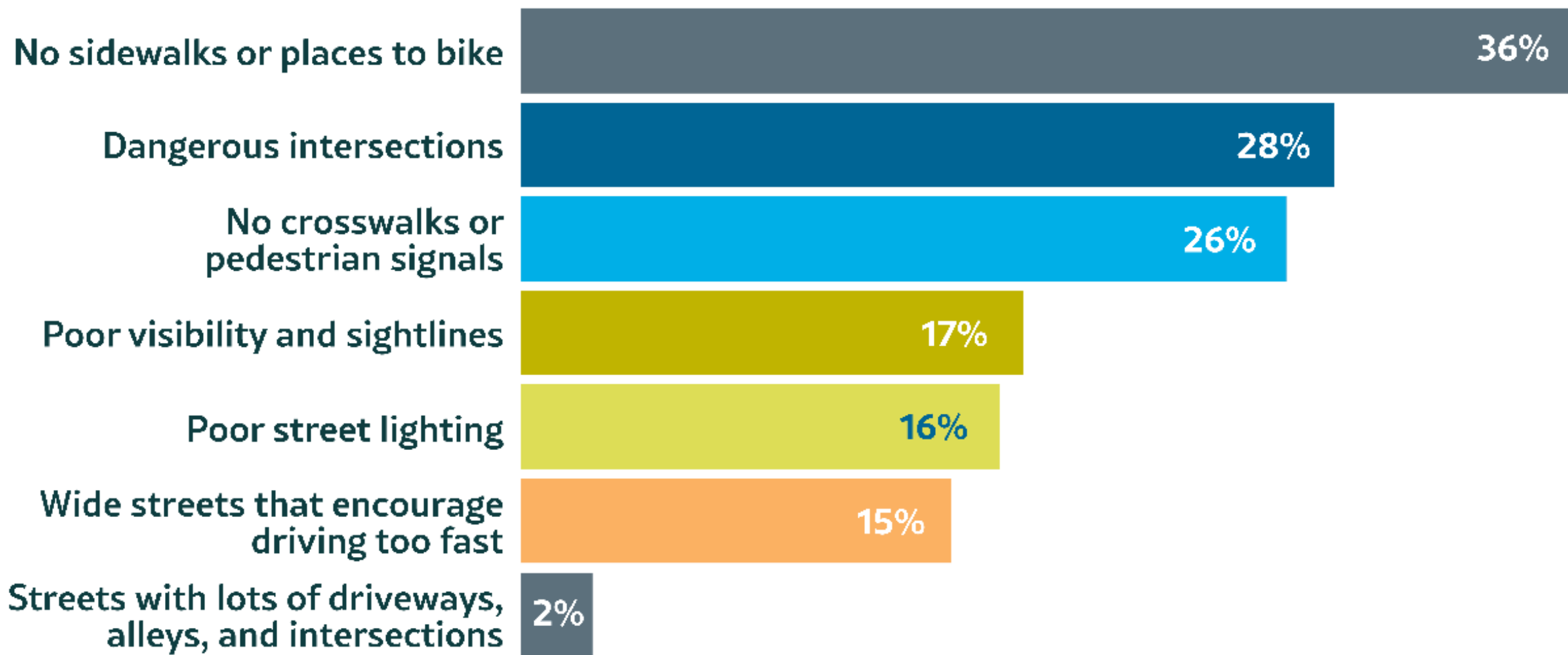






Roanoke Crash Narrative





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Crash Data & Community Agree

- Non-auto users are most vulnerable, over-represented
- Speeding and distracted driving most pervasive issues
- Roadway network encourages and enables behavior
- It can also discourage and prevent that behavior
- Lack of infrastructure for biking/walking creates unsafe conditions, deters use, & is not uniform in distribution

Priority Issues and Focus Areas

- Speed
- Distraction
- Pedestrian safety
- Motorcyclist safety
- Schools and youth travel
- Culture of safety
- Low level of biking



City of Roanoke Crash Map (2021 thru 2025)



City of Roanoke
Safety Action Plan Dashboard

Using this dashboard, you can visualize different trends and cross-sections in crash data. Click on the controls below to explore crashes by council district, year, or mode. Data is shown from 2021-2025.

Select a Year

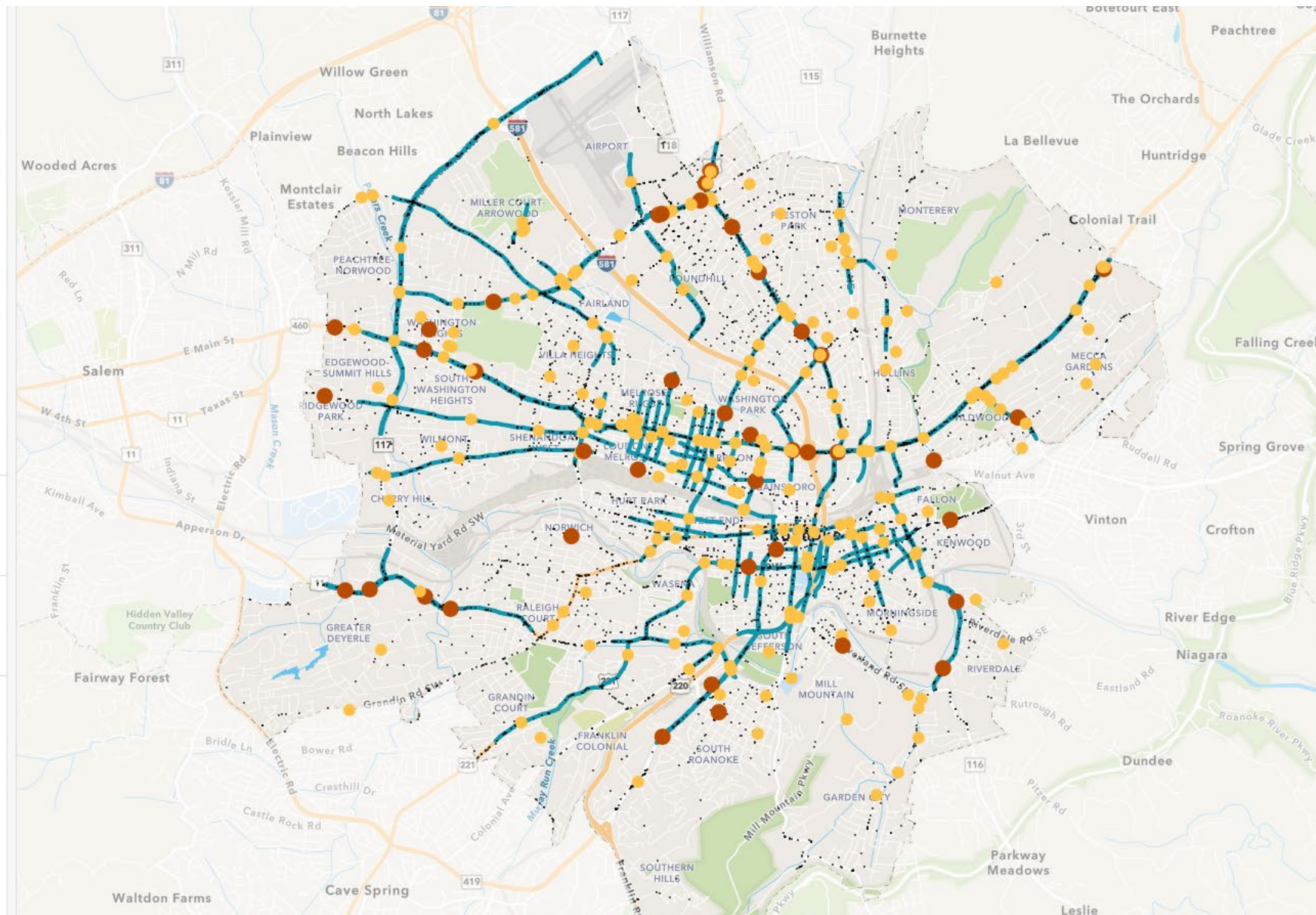
All Years	2021	2022	2023
2024	2025		

Pedestrian Crash

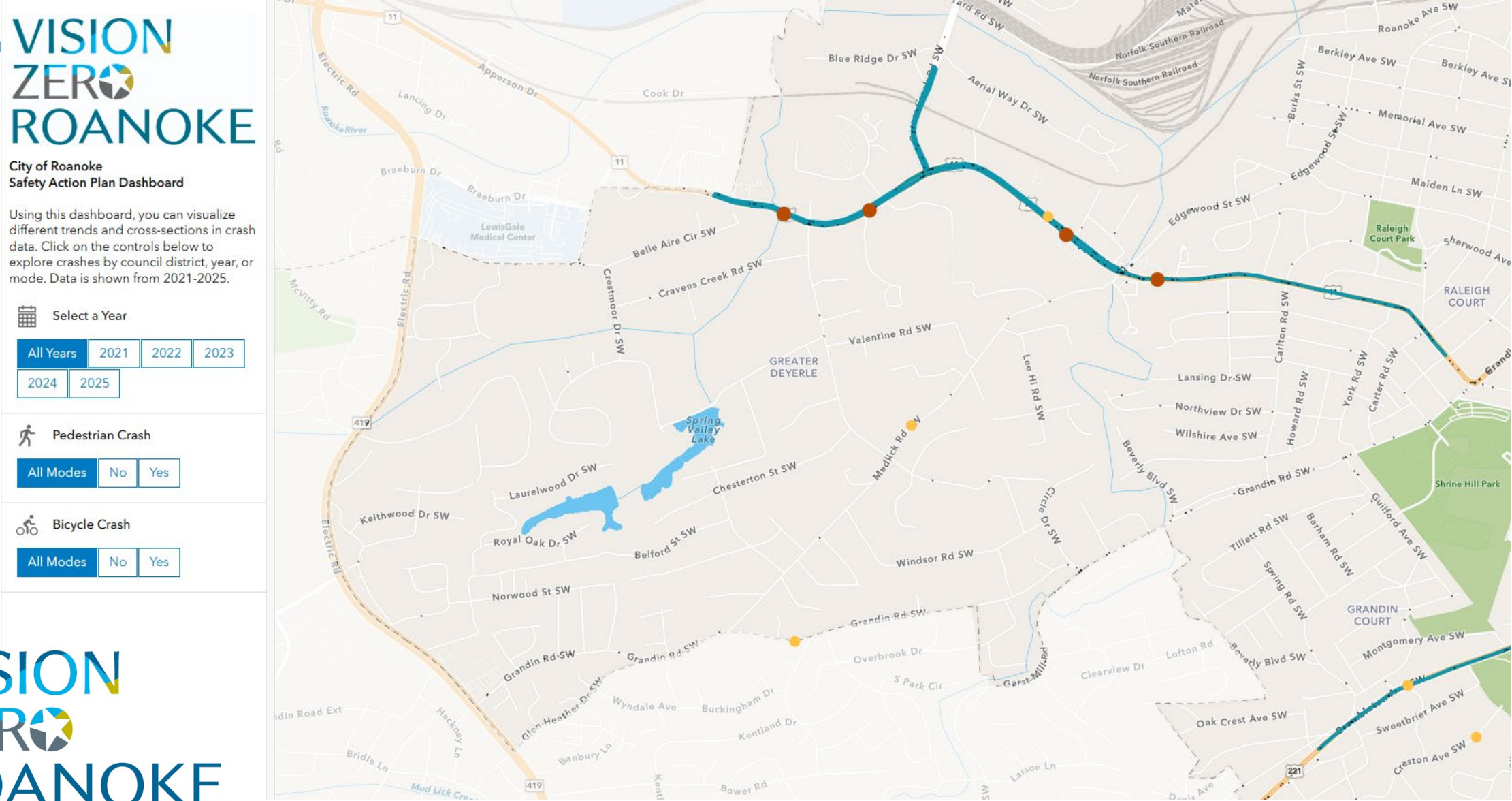
All Modes	No	Yes
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Bicycle Crash

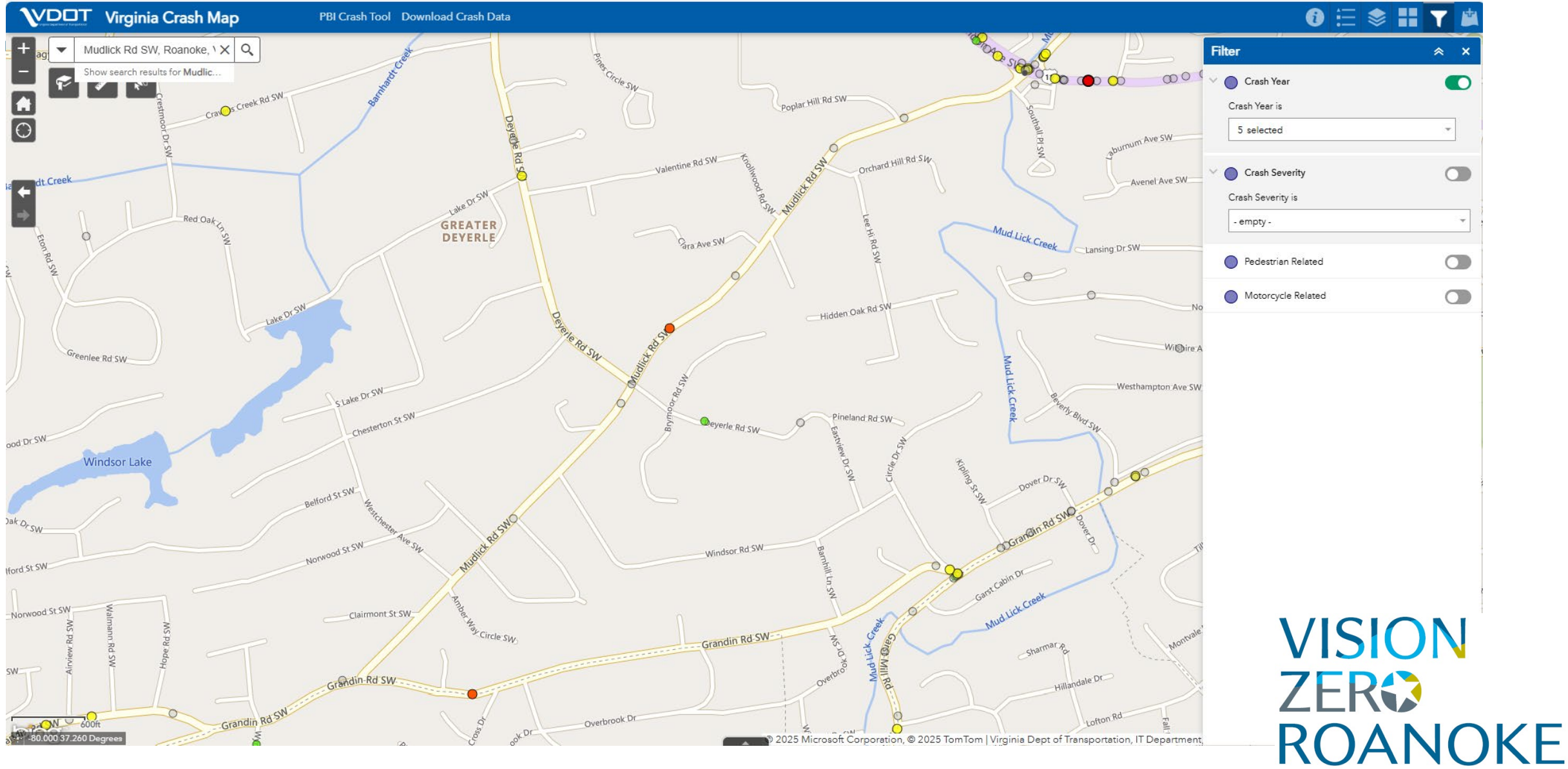
All Modes	No	Yes
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GDNA Crash Map (2021 thru 2025)



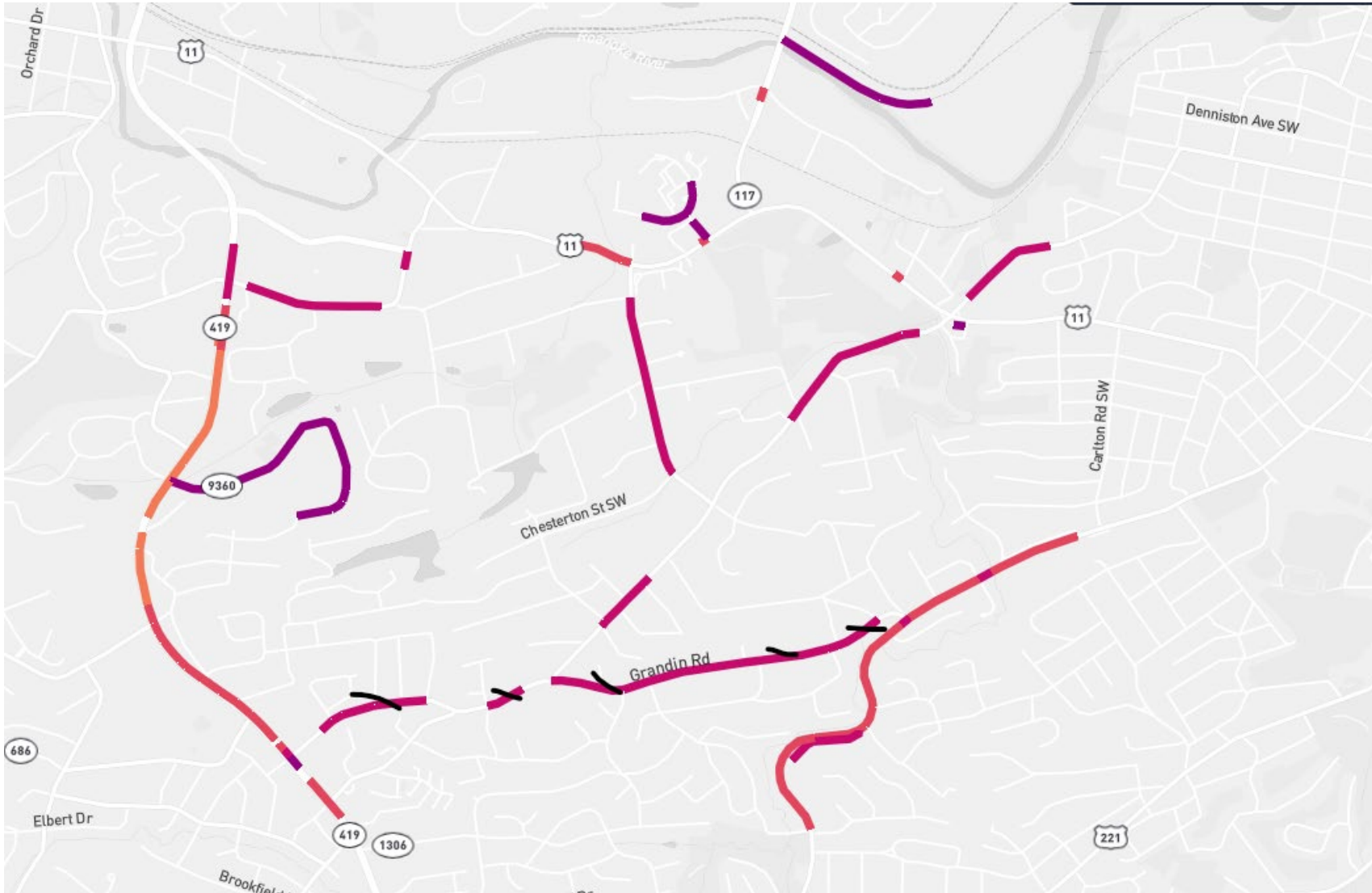
GDNA VDOT Crash Map (2021 thru 2025)



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GDNA Speed Data

Highlighted = 85th is 10mph over Speed Limit



DRAFT Safety Measures



DRAFT Safety Measures

Measure	Relevance							Application		
	Speed	Distraction	Pedestrians	Bicyclists	Motorcyclists	Schools	Culture	Corridors	Intersections	Area-wide
Corner Radius Reduction	x		x	x					x	x
Crossing Island/Median			x	x		x		x	x	
Curb Extensions	x		x						x	x
Curb Ramps			x			x	x	x	x	x
Daylight Intersections			x	x	x	x			x	x
Hardened Centerline	x		x		x				x	x
High Visibility Crosswalk		x	x			x			x	x
Horizontal Deflection	x				x		x			x
Leading Pedestrian Interval		x	x				x		x	
Mobility Track			x	x				x		
Neighborhood Bikeway	x		x	x						x
No Right Turn on Red			x				x		x	
Pedestrian Hybrid Beacon		x	x			x		x	x	

Measure	Relevance							Application		
	Speed	Distraction	Pedestrians	Bicyclists	Motorcyclists	Schools	Culture	Corridors	Intersections	Area-wide
Protected Bike Lane				x				x		
Protected Intersection				x					x	
Raised Crossing	x		x	x						x
Raised Intersection	x	x	x			x			x	x
Remove Slip Lanes	x		x	x	x	x			x	
Roadway Reconfiguration	x	x	x	x	x	x	x	x		
Roundabout					x				x	
RRFB		x	x			x				x
Safety Cameras	x					x	x	x		
Shared Street	x		x	x			x			x
Sidewalk			x			x		x	x	x
Speed Humps	x	x	x	x		x				x
Speed Limit Reduction	x						x	x		x
Traffic Circle	x	x	x	x						x
Traffic Diverters			x	x		x	x			x
Visual Narrowing	x	x	x				x	x	x	x

Safety Measure Demonstration Projects

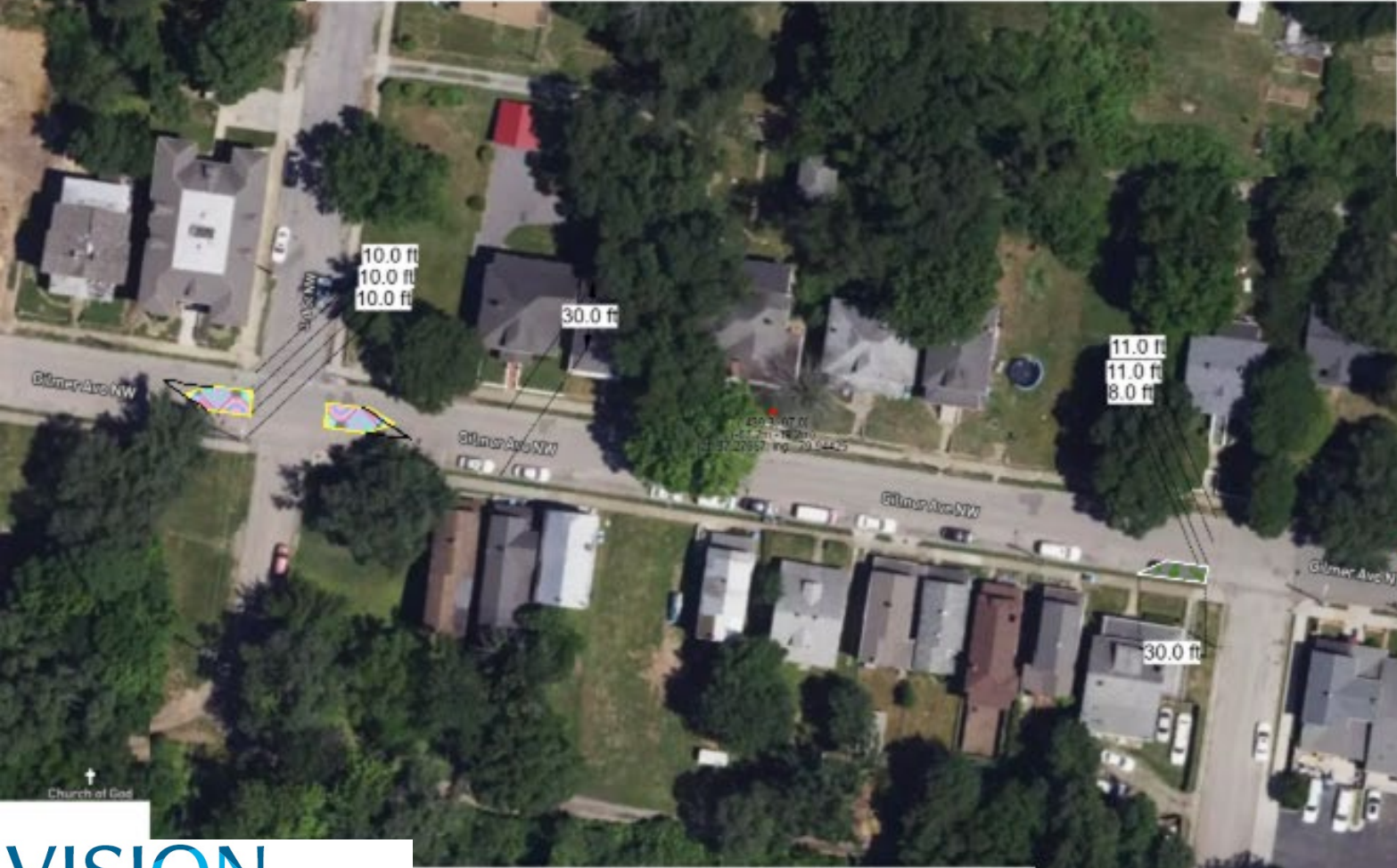
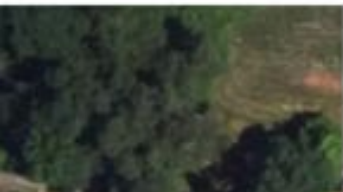




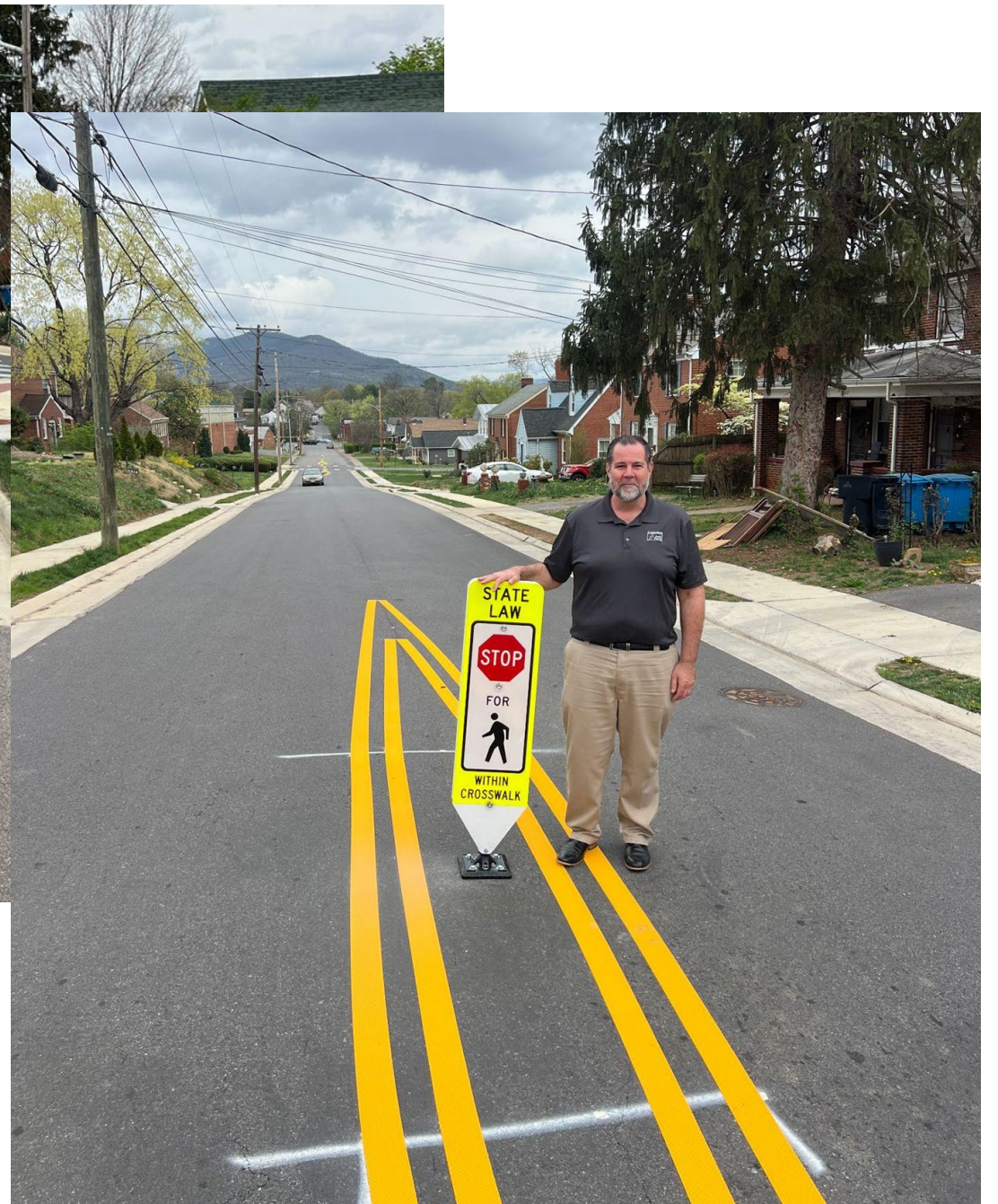




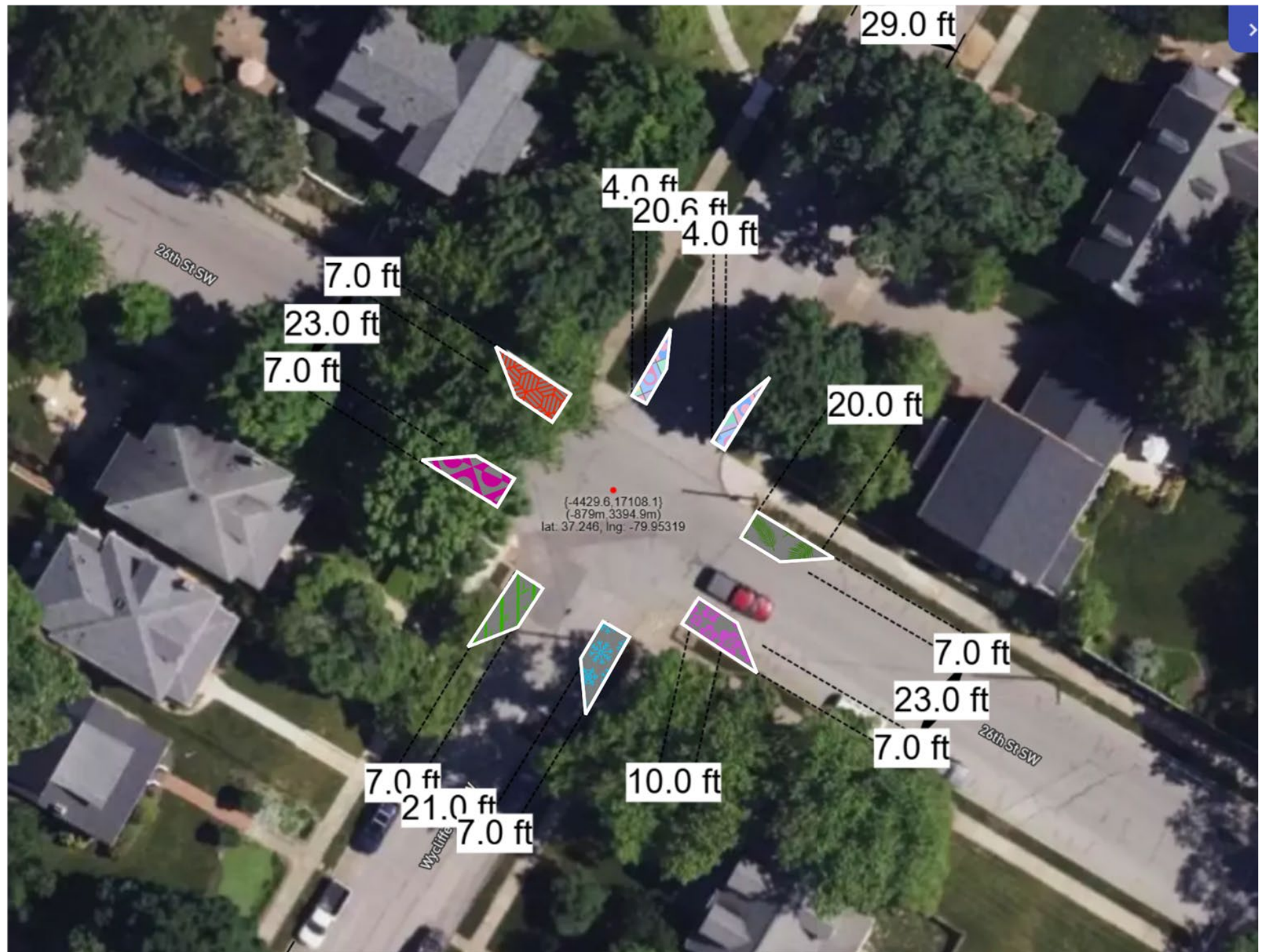
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26th & Wycliffe Traffic Calming Concept Draft



Next Steps



Timeline

- Draft document to City Administration – August 2025
- Draft for Public/City Council Review – September 2025
- City Council Adoption – October 2025
- Safety Summit Launch Event – October/November 2025