

RFATS COMPREHENSIVE SAFETY ACTION PLAN

Public Engagement Meeting





Vision Statement

Safe Streets, Stronger Communities: Advancing Safety, Mobility and Opportunity for All

A vision where every person, regardless of how they travel, can move safely and with peace of mind through a transportation system that supports economic vitality, health, and sustainability in the RFATS region.





Goals

- 01** **Eliminate Fatal and Serious Injury Crashes by 2055**

- 02** **Promote Safe Speeds and Safe Roads**

- 03** **Prioritize Vulnerable Road Users (VRUs) and Expand Mobility Choices**

- 04** **Foster a Culture of Shared Responsibility for Safety**

- 05** **Use Data to Inform Decisions and Transparency on Safety Topics**



RFATS Update

- **Regional Plans**
 - 2055 LRTP
 - 2025 Bicycle Pedestrian Plan Update
- **Regional Planning / Programs**
 - UPWP, TIP, CMP, Transit, Pennies for Progress
- **Planning Area Growth (2022 to 2055)**
 - Total population – Expected 32% increase
 - Total employment – Expected 44% increase





Comprehensive Safety Action Plan Items

1	Vision and Goals
2	Crash Data Analysis
3	Public Engagement
4	Project Prioritization and Strategies
5	Safety Countermeasure Toolkit
6	Policy and Process
7	Statement of Resolution
8	Safety Action Plan and Outreach Materials
9	Evaluation and Monitoring



SCDOT Strategic Highway Safety Plan: Target Zero

Implementation and Evaluation

- Safety Culture and Leadership
- Implementation
- Evaluation Approach

Several factors and key trends influence fatalities and serious injuries, including:

- Population
- VMT
- Employment
- Number of licensed drivers
- High-risk driving behaviors, such as distracted and impaired driving

Figure ES.1 2020–2024 SHSP Emphasis Area Structure





Crash Analysis Snapshot

Top 3 Manner of Collision



Rear-end



Angle



Non-Collision

All Crashes 2020 - 2024



Fatalities
118

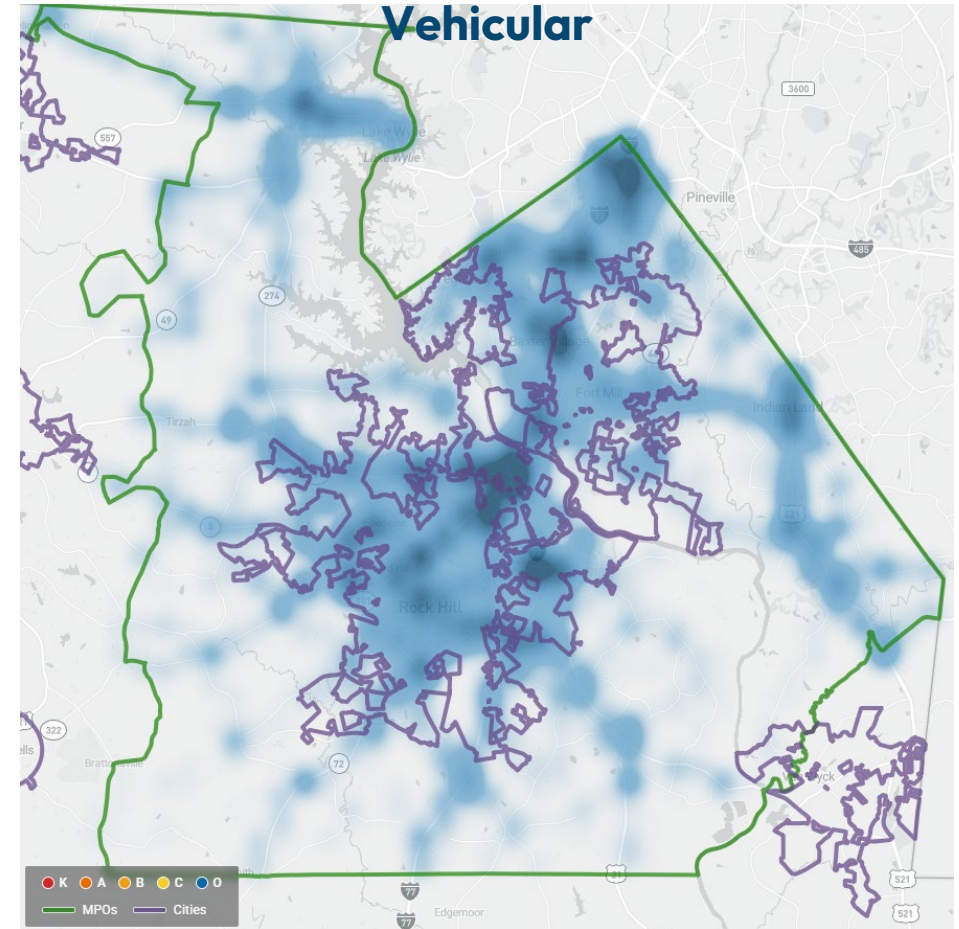


Serious Injuries
445



Total Crashes
34,019

RFATS Crash Frequency Heat Map – Vehicular



- Crash frequency heat map (blue)
- RFATS boundary (green)
- Municipal boundaries (purple)



Crash Analysis Snapshot

Vulnerable Road Users

14X higher fatality or serious injury for pedestrians related crashes than vehicular crashes

52% of pedestrian related crashes occurred at night.

Pedestrian Related 2015 - 2024



Fatalities
44

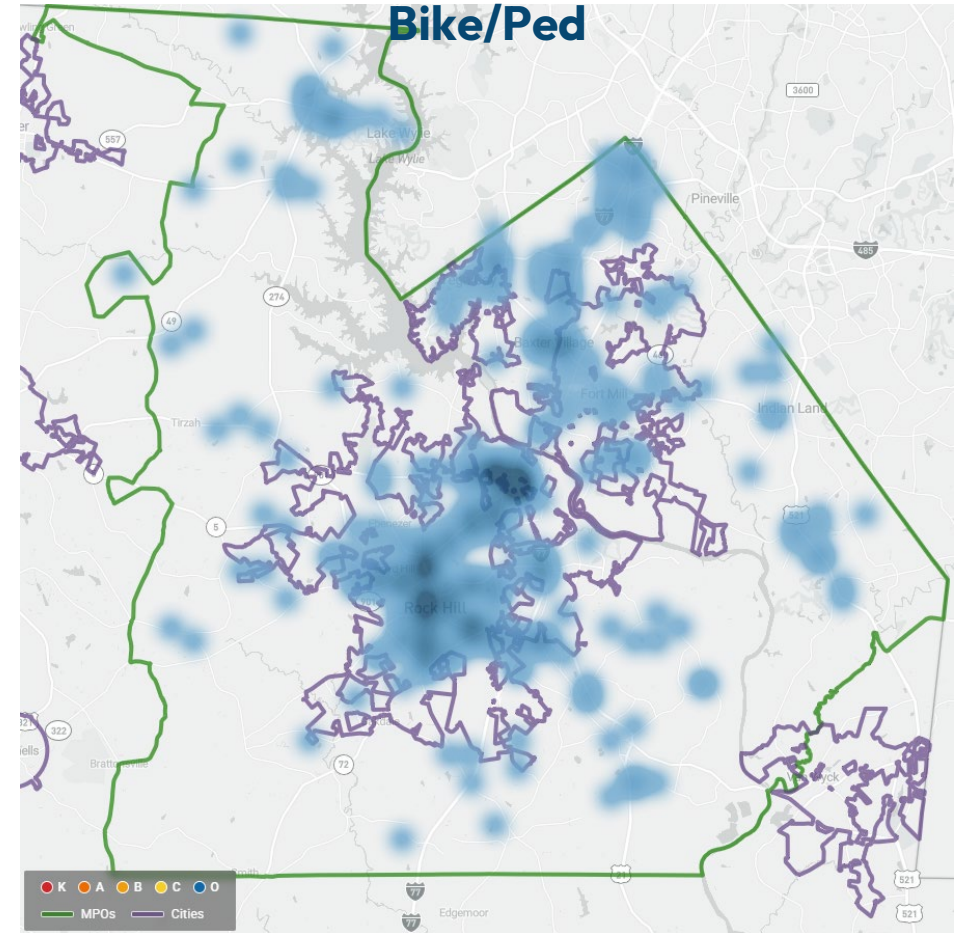


Serious Injuries
77



Total Crashes
390

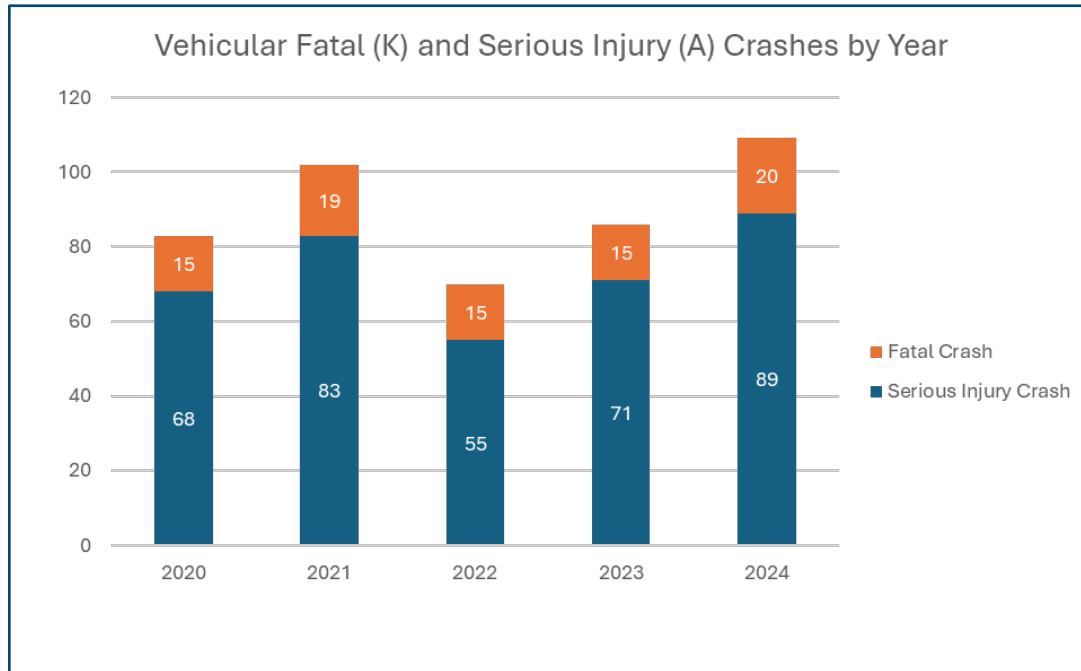
RFATS Crash Frequency Heat Map – Bike/Ped



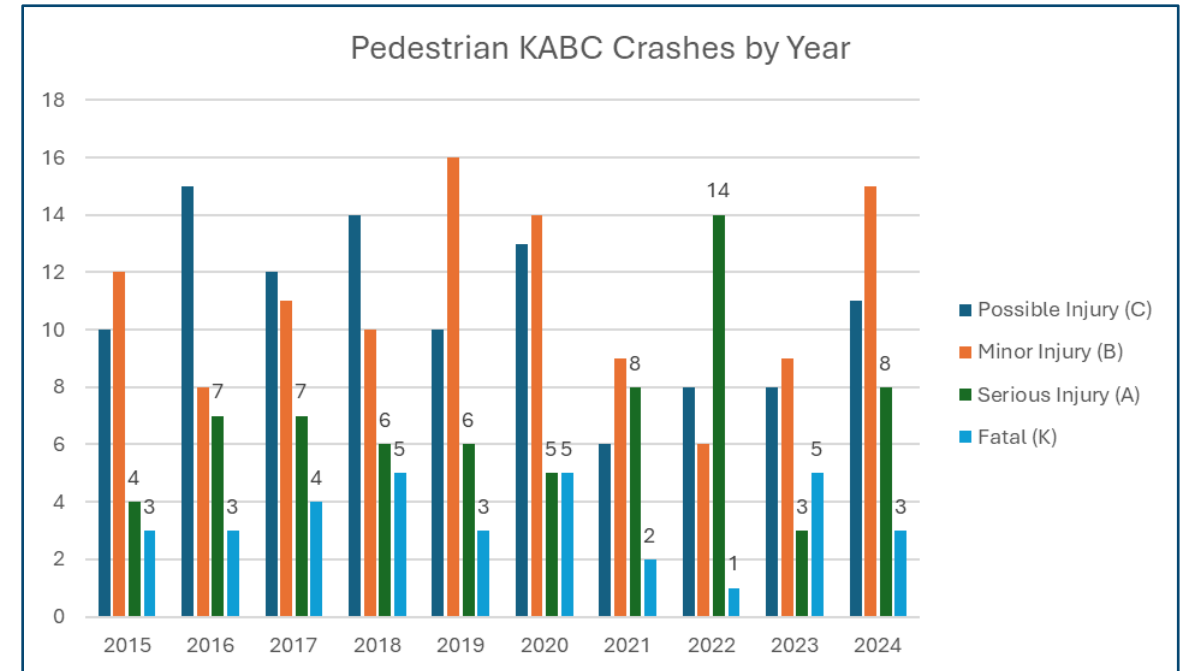
- Crash frequency heat map (blue)
- RFATS boundary (green)
- Municipal boundaries (purple)



Crash Trends by Year



➔ Fatal (K) and serious injury (A) vehicular crashes have increased by 10.3% on average from 2020 to 2024.

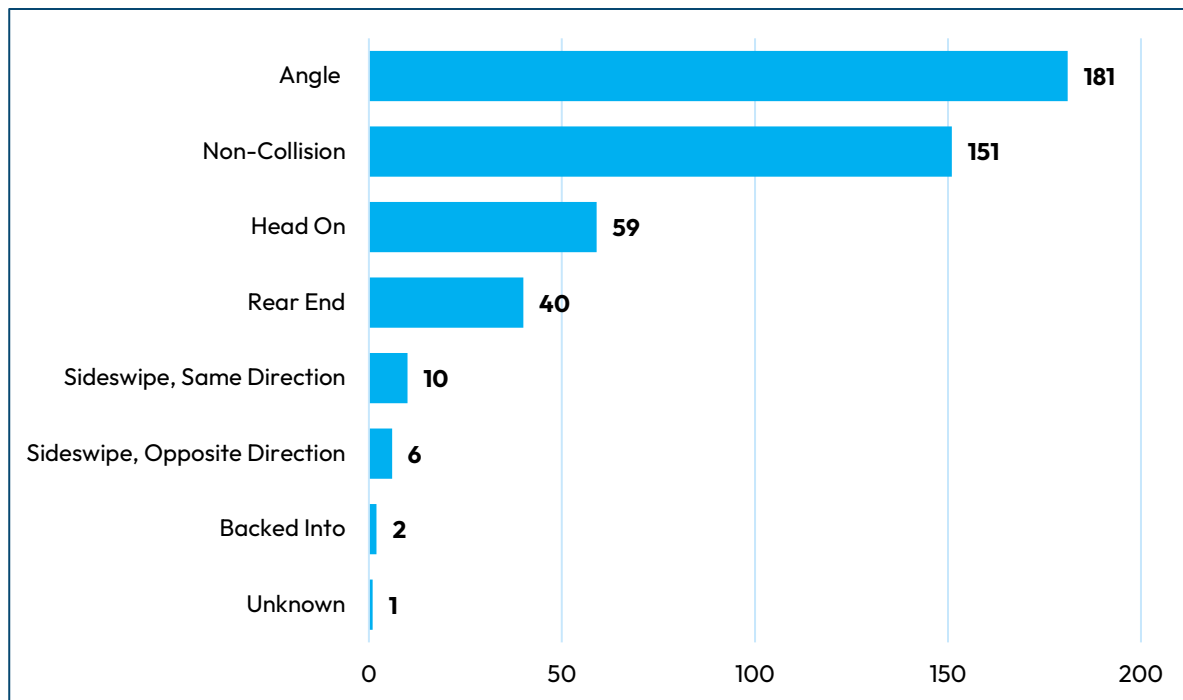


➔ Fatal (K) and serious injury (A) pedestrian crashes have increased by 9.6% on average from 2015 to 2024.



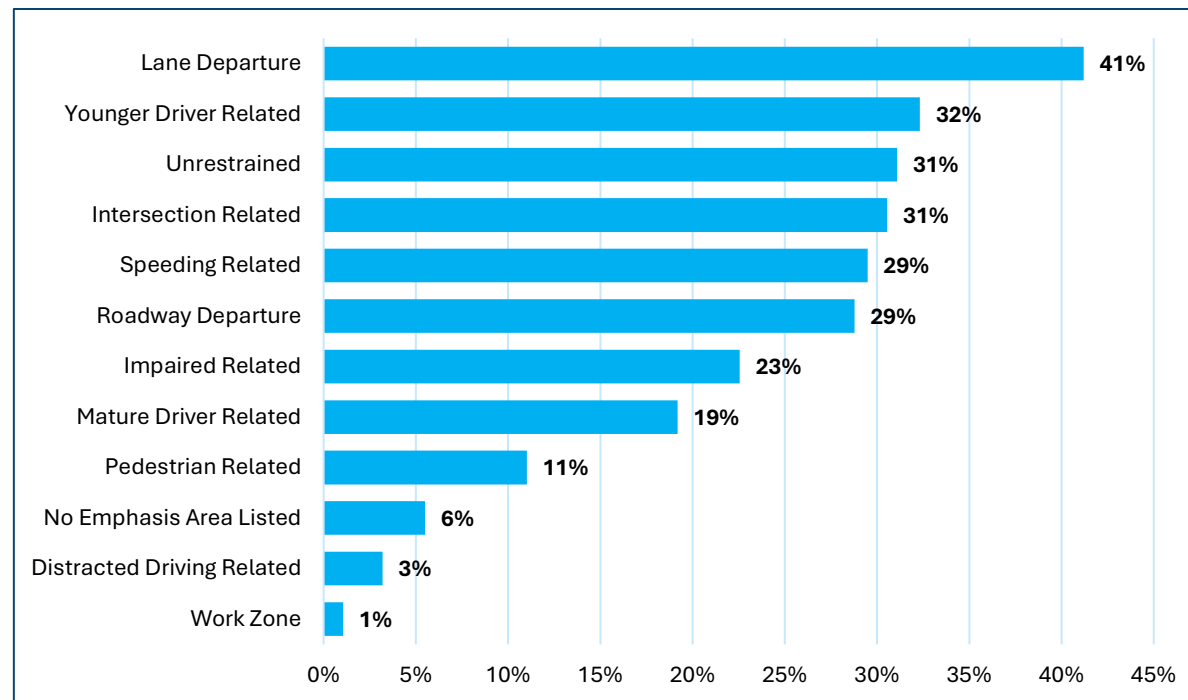
Crash Types

Vehicular KA Crashes by Manner of Collision



➔ Angle collisions, non-collision (run off road), head on, and rear end are the top four (4) types of KA vehicular crashes by manner of collision.

KA Crashes by SCDOT SHSP Emphasis Area

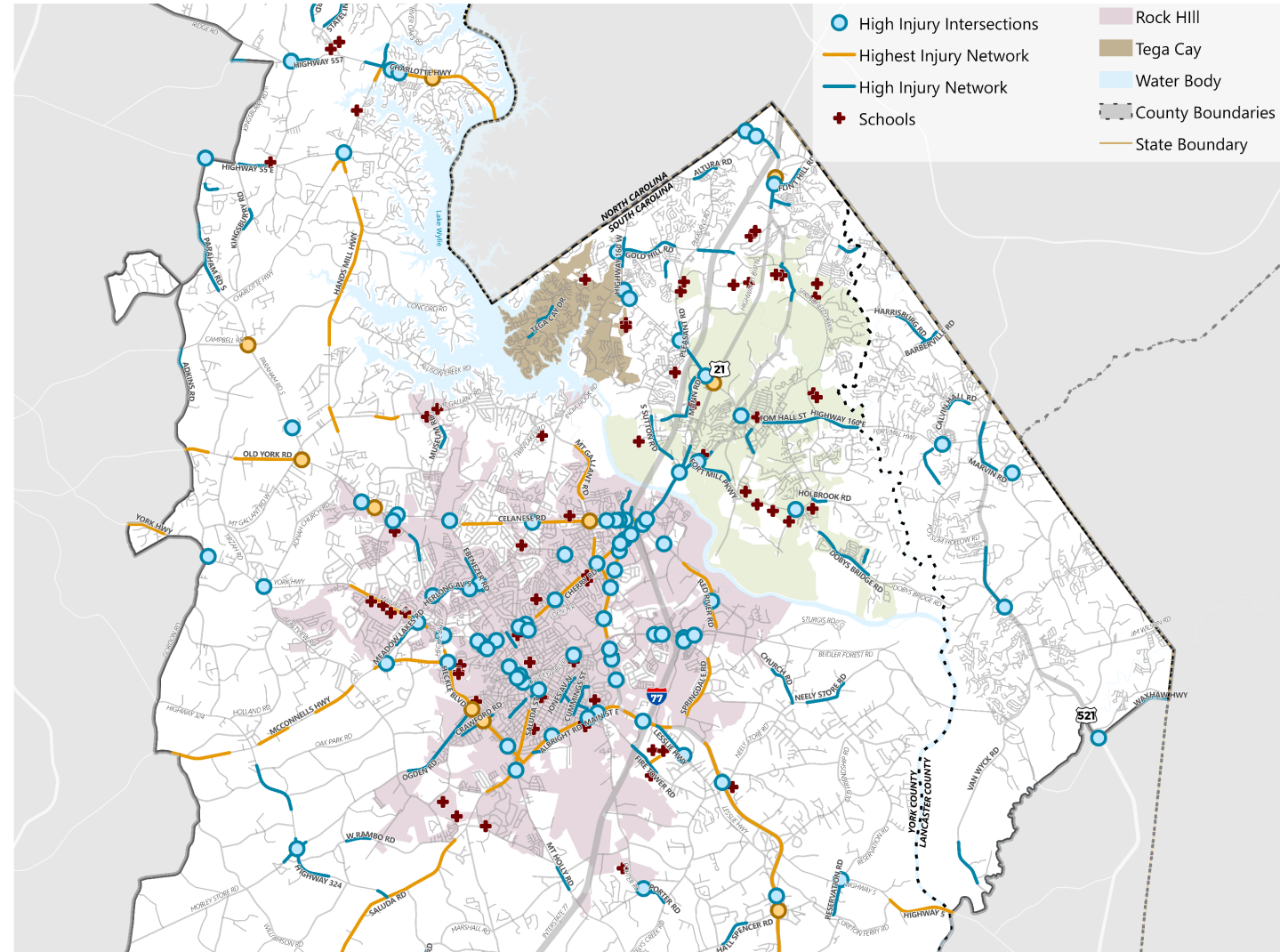


➔ Lane departure, young driver related, unrestrained, intersection-related, speeding related, and roadway departure are the top KA crashes by emphasis area.

Vehicular High-Injury Network

➔ **6%** of road centerline miles account for **63%** of fatal crashes and **61%** of serious injury vehicular crashes.

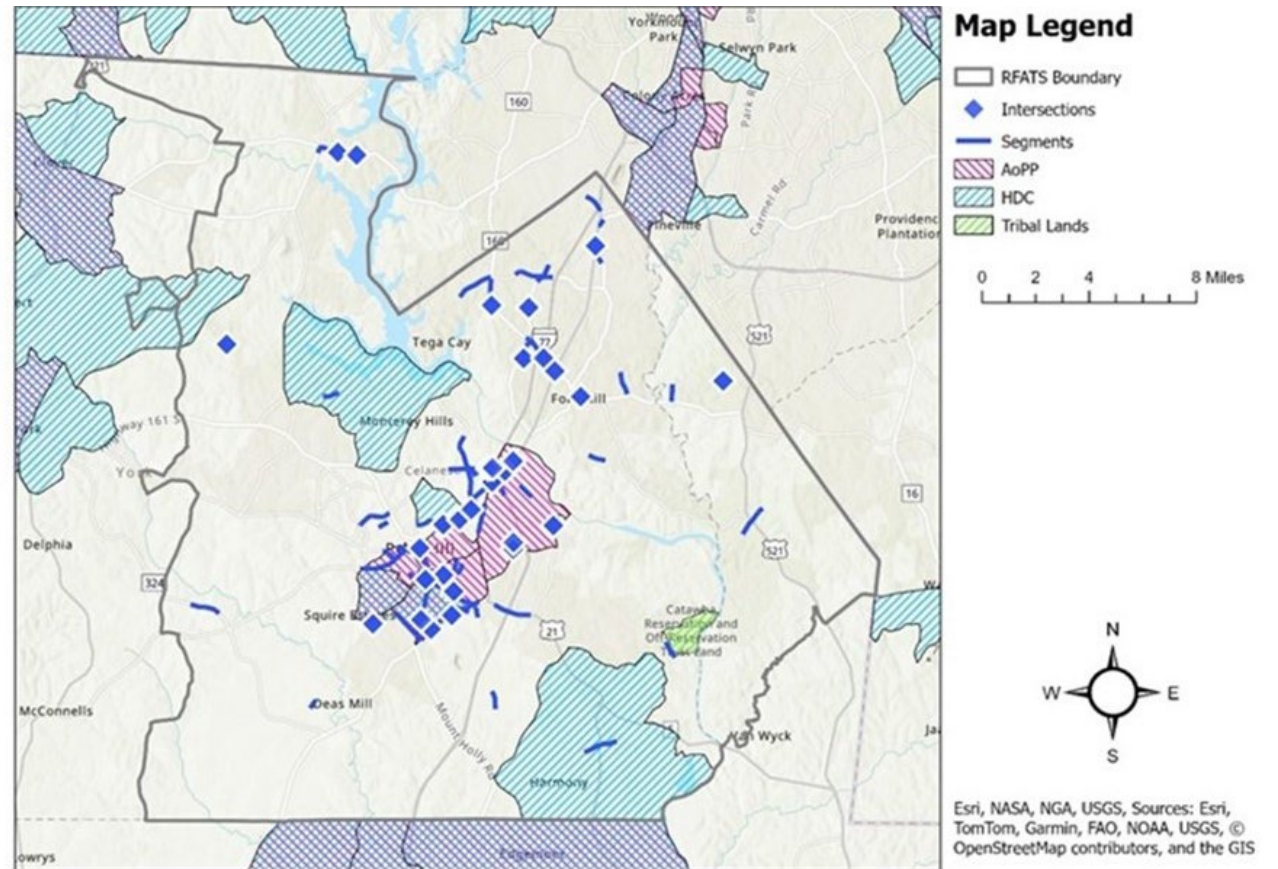
➔ Less than **2%** of intersections account for **84%** of fatal crashes and **47%** of serious injury vehicular crashes.





Vulnerable Road User High-Injury Network

- ➔ **2%** of road centerline miles account for **73%** of fatal crashes and **56%** of serious injury crashes.
- ➔ Less than **1%** of intersections account for **91%** of fatal crashes and **86%** of serious injury crashes.



RFATS VRU High-Injury Network

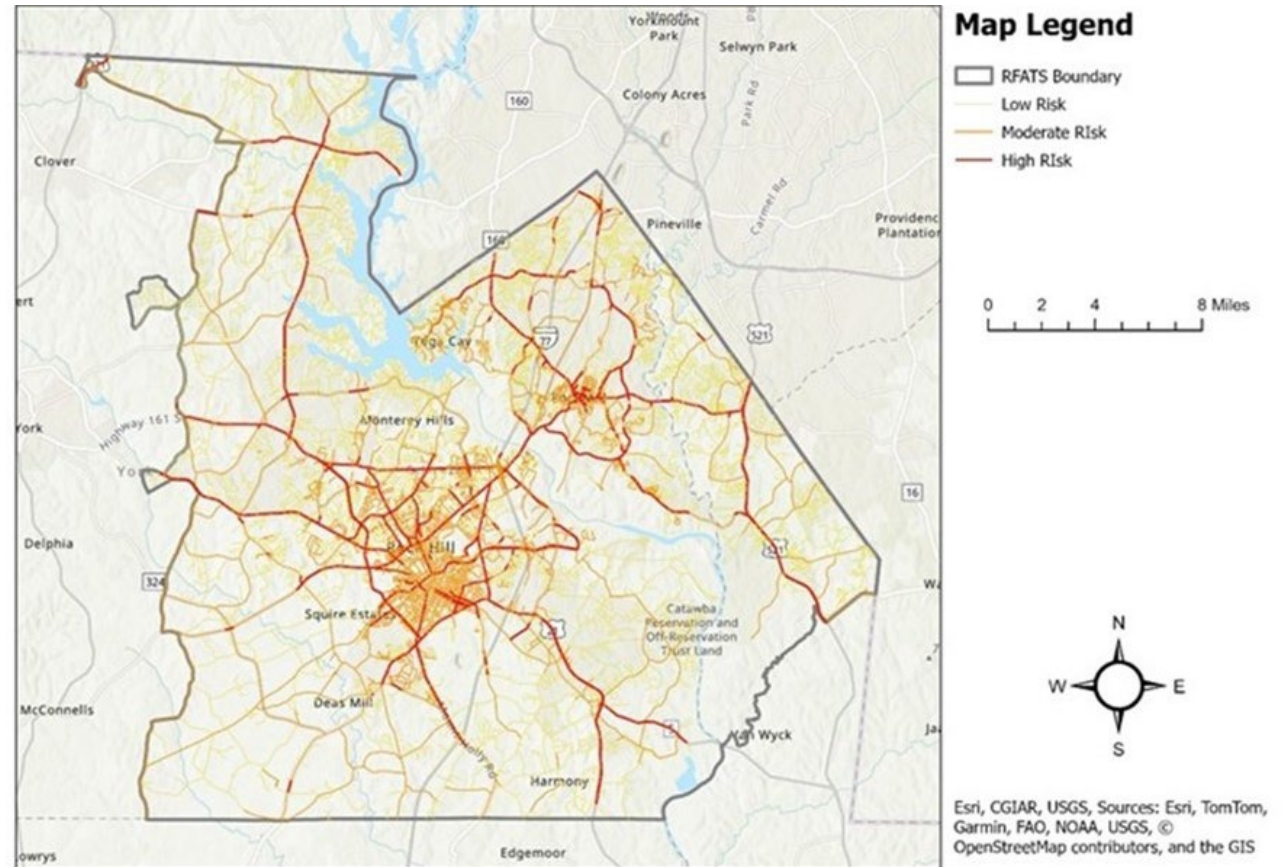
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High-Risk Network

➔ **11%** of roadways contain nearly **50%** of fatal and serious injury crashes.

➔ Less than **1%** of intersections account for nearly **90%** of fatal and serious injury crashes.

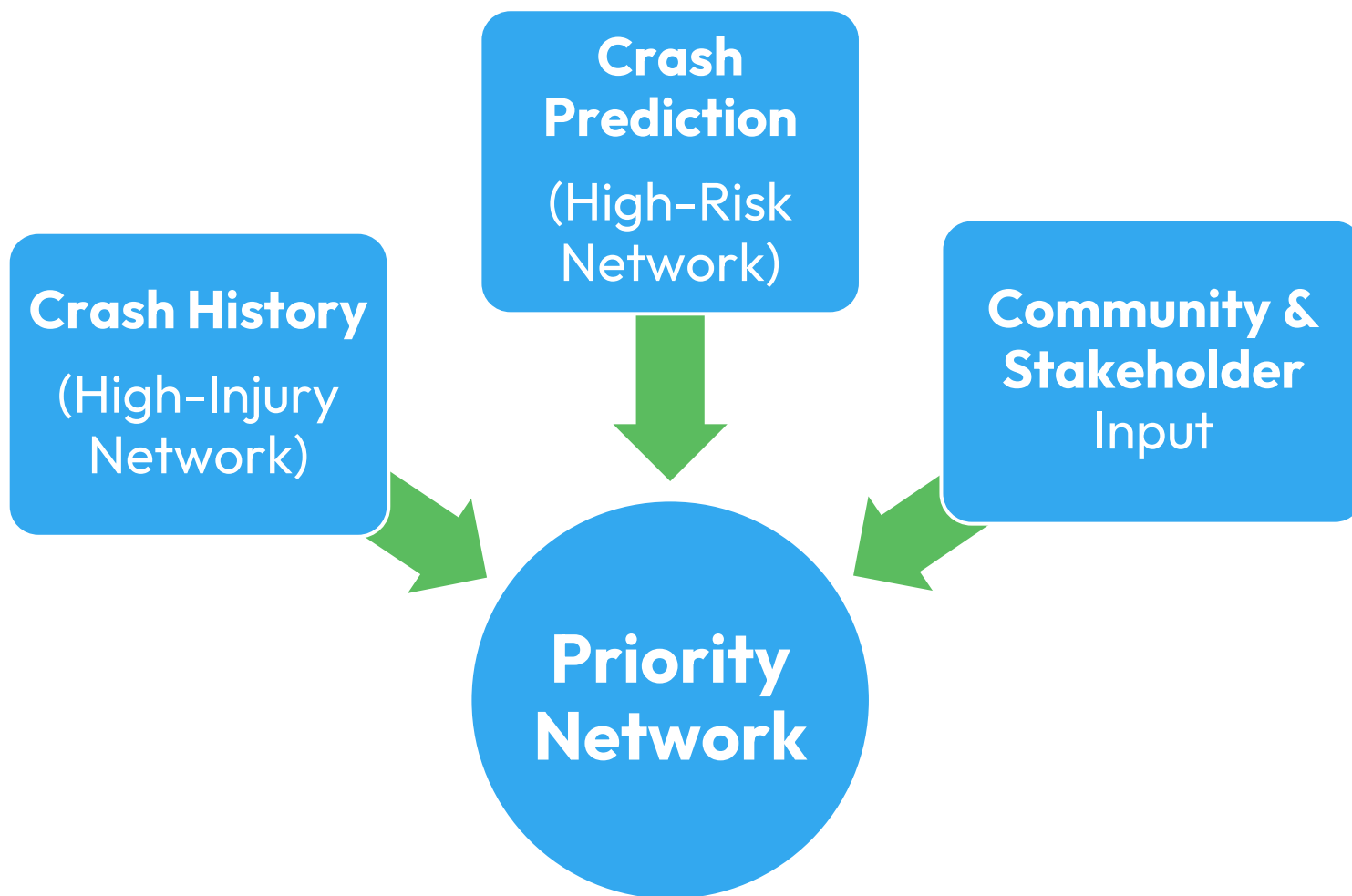


RFATS High-Risk Network

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Identifying Locations for Safety Strategies





Next Steps

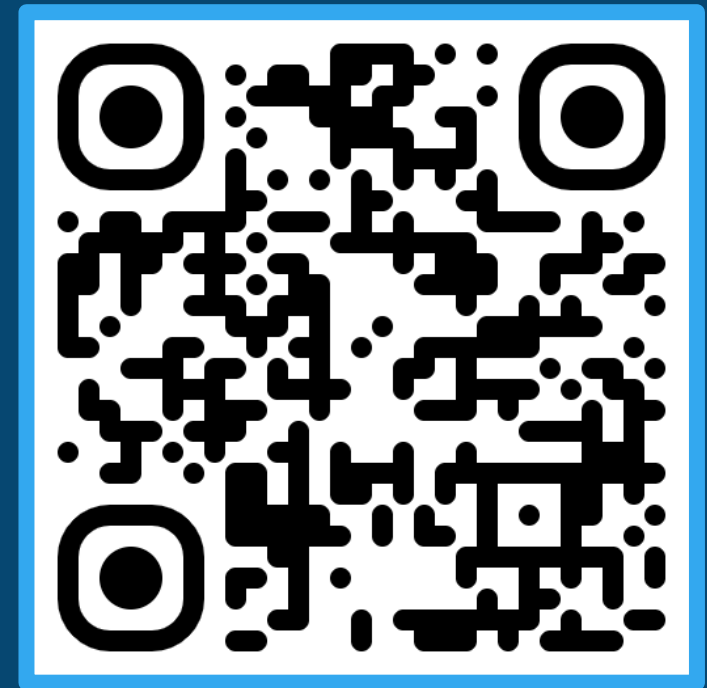
Project Timeline

 = Community Engagement





**Take the Online
Survey to Provide Your
Input on
Transportation Safety
Priorities!**



Survey closes November 7