



Lexington County SS4A Safety Action Plan

Public Involvement Summary

Lexington County is developing a comprehensive Safety Action Plan (SAP) funded by the USDOT Safe Streets & Roads for All (SS4A) grant program. This plan aims to support infrastructure that creates safer walking, biking, and driving conditions throughout the county, with the goal of zero traffic fatalities by 2040. This is supported by municipality grant projects assessing SS4A in Lexington, Chapin, Cayce, and West Columbia.

Public engagement is a core component of developing a safety action plan that best reflects the needs of community members. Once initial data collection and analysis was completed, 3 public meetings were held, with a total of 18 people attending.

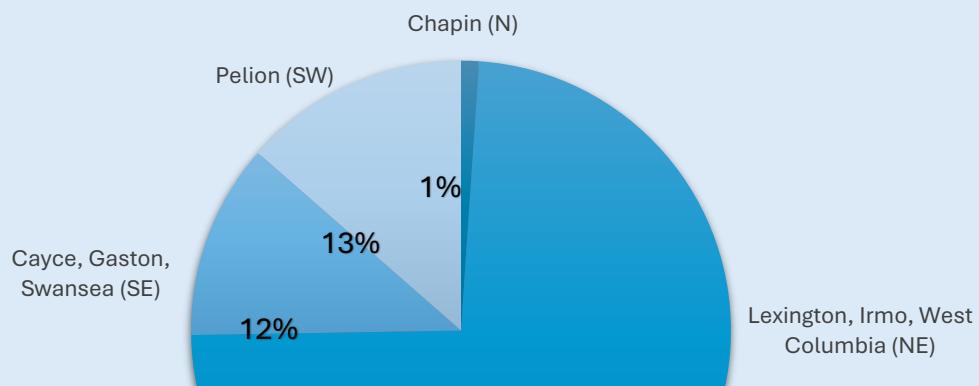
A project website was also established to share project information and solicit public input through two methods: (1) a pin map where locations were marked & associated with infrastructure needs or roadway user behavioral concerns, and (2) a survey collecting information on personal transit behaviors and concerns in the county. Responses are summarized below.

SS4A Project Timeline	
OCT 2024	Funding received
OCT 2024 - FEB 2025	Data collected & analyzed
MAR - APR 2025	Public meetings hosted, website shared, feedback collected
APR 2025	Road Safety Assessments performed
JUNE - SEPT 2025	SAP concepts refined
NOV 2025	SAP concepts shared with the public, feedback collected
DEC 2025	Comments reviewed
JAN 2026	SAP concepts finalized

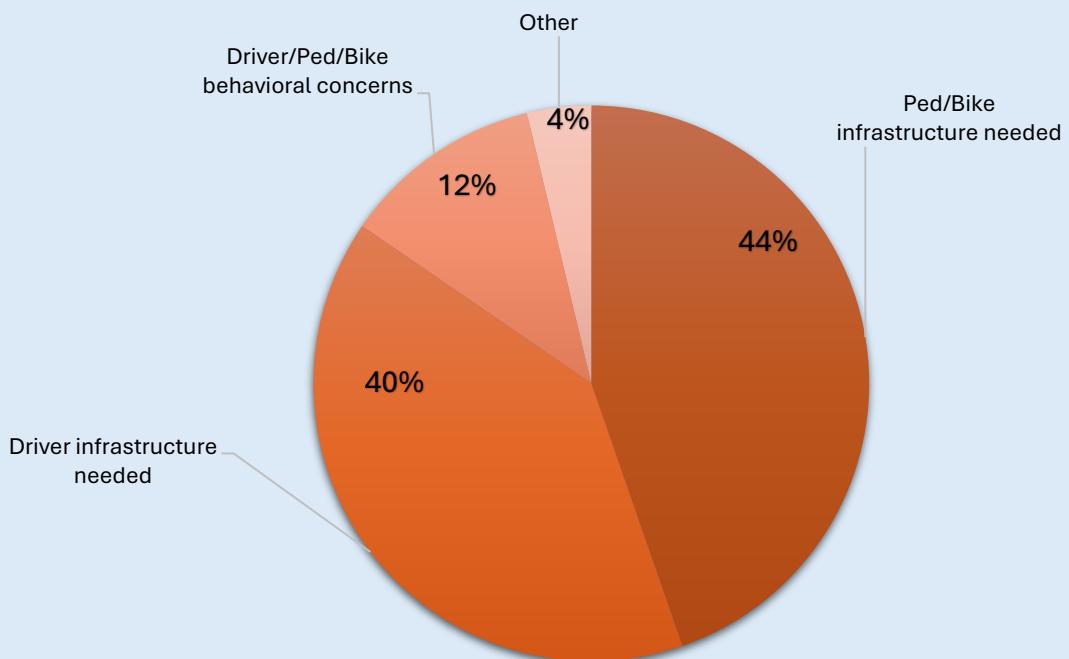
PIN MAP COMMENT SUMMARY

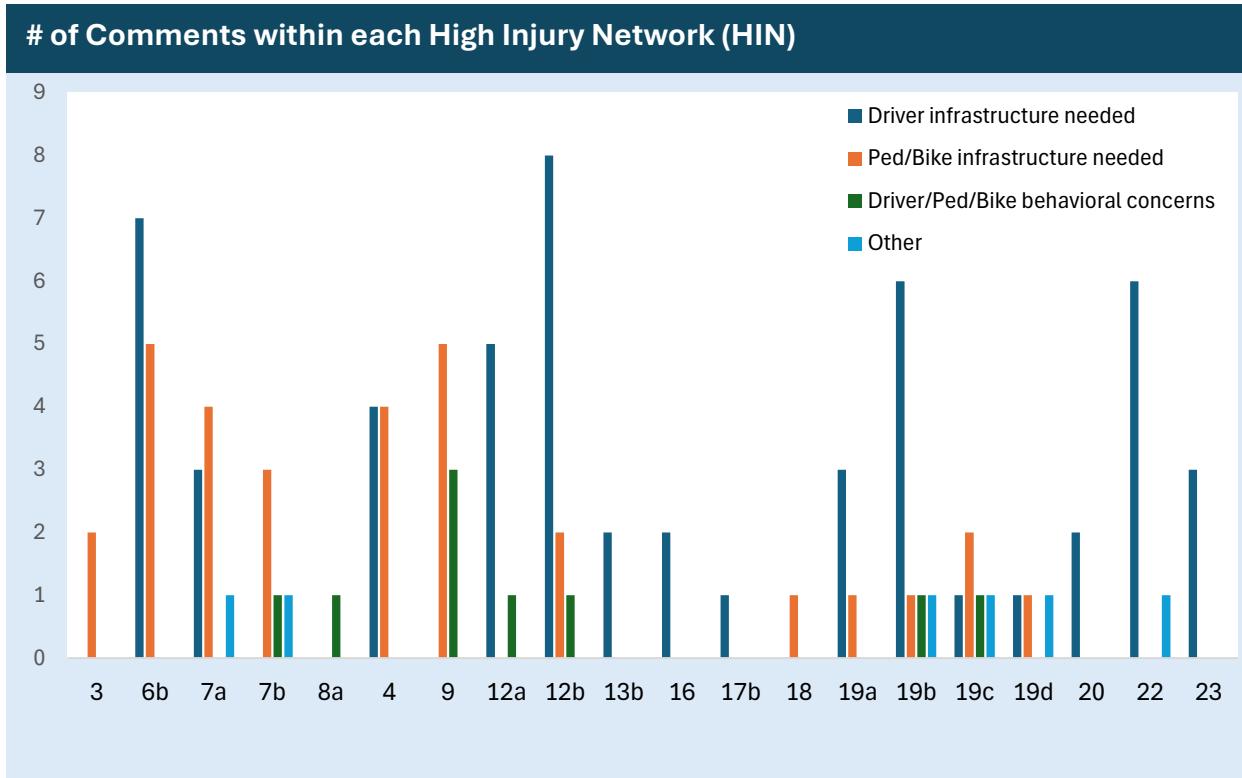
- **376 pins** were placed identifying areas with safety concerns or infrastructure needs.
- **74% of pins** were concentrated in the **Northeast** portion of the county (Lexington, Irmo, West Columbia)
- **44% of pins** identified locations with bicyclist and pedestrian infrastructure needed
- **40% of pins** identified locations with driver infrastructure needed
- High Injury Network (HIN) locations were most often marked with “driver infrastructure needed”

Areas of Concern



Type of Concern





*HIN locations can be seen on the project website <https://lex-co.sc.gov/safestreets>

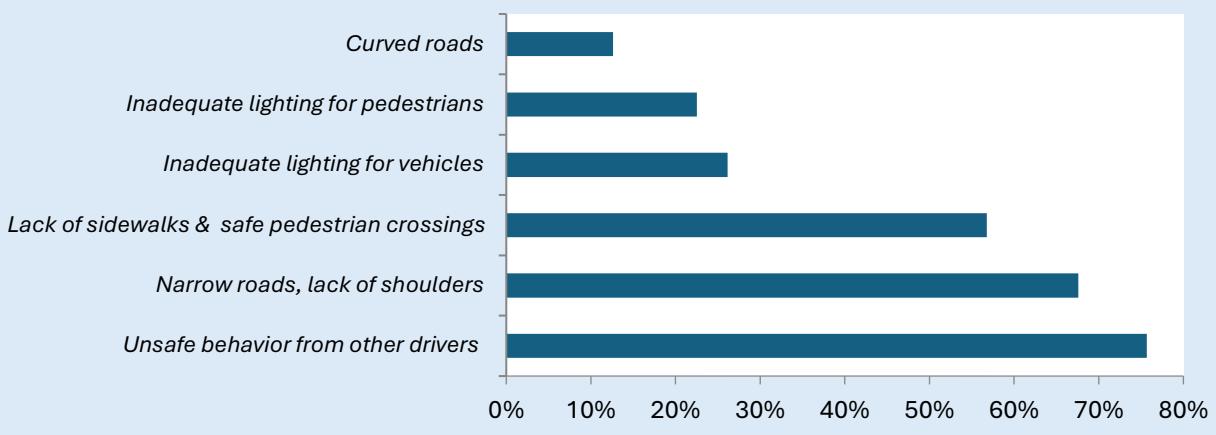
SURVEY FINDINGS

- 75% of respondents use personal vehicles daily.
- 16% of respondents use personal vehicles 5-6x per week.
- 96% of respondents never use public transit.
- 93% of respondents never use rideshare services.
- 9% of respondents walk daily, while 16% walk 3-4 times a week.
 - 57% of respondents said that connected sidewalks would encourage them to walk more.
- 79% of respondents never bike, while 4% of respondents bike daily.
 - 42% of respondents said that greater separation from cars would encourage them to bike more.

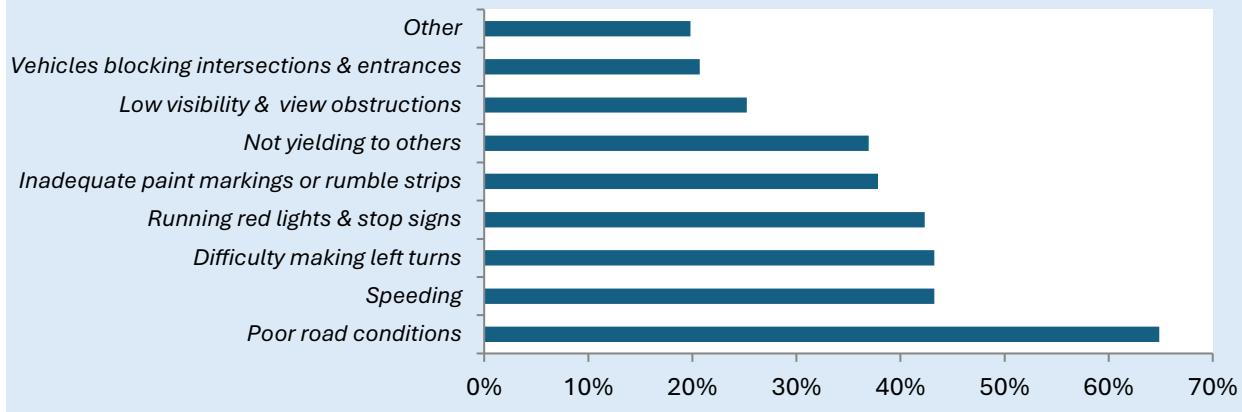
Zip Codes of Survey Respondents

29072	38%	29006	3%
29073	27%	29036	2%
29054	7%	29070	2%
29169	6%	29033	1%
29212	6%	29071	1%
29123	4%	29170	1%
29210	3%	29006	3%

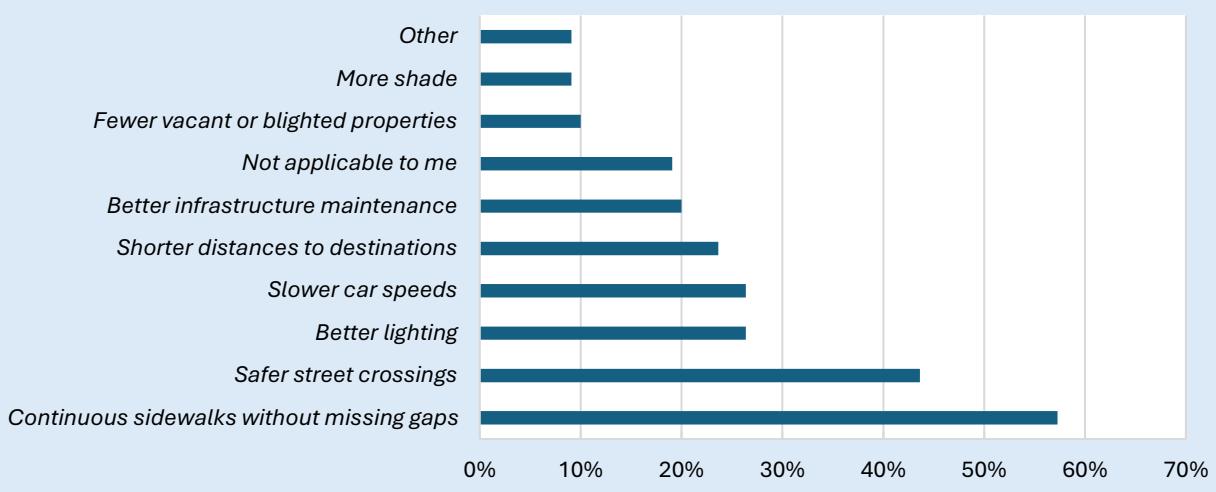
What are your main safety concerns as they relate to **travel** in Lexington County?



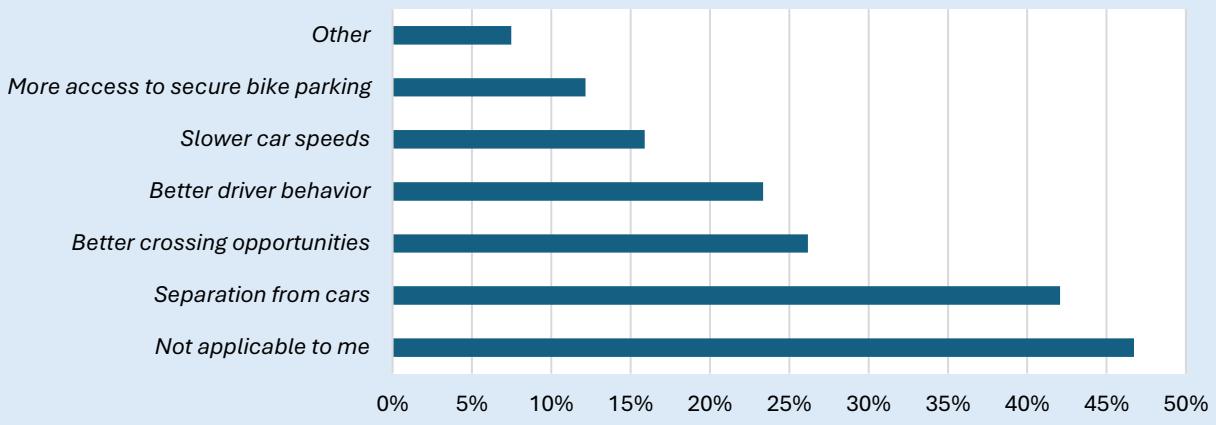
What are your main safety concerns as a **driver** in Lexington County?



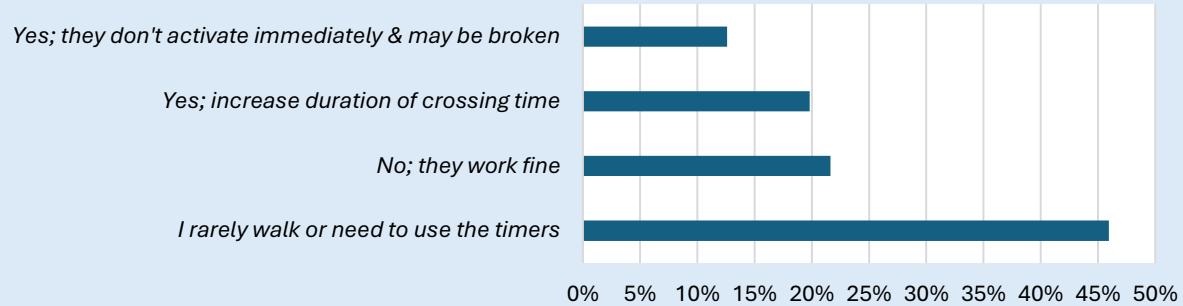
What would encourage you to **walk** more than you do?



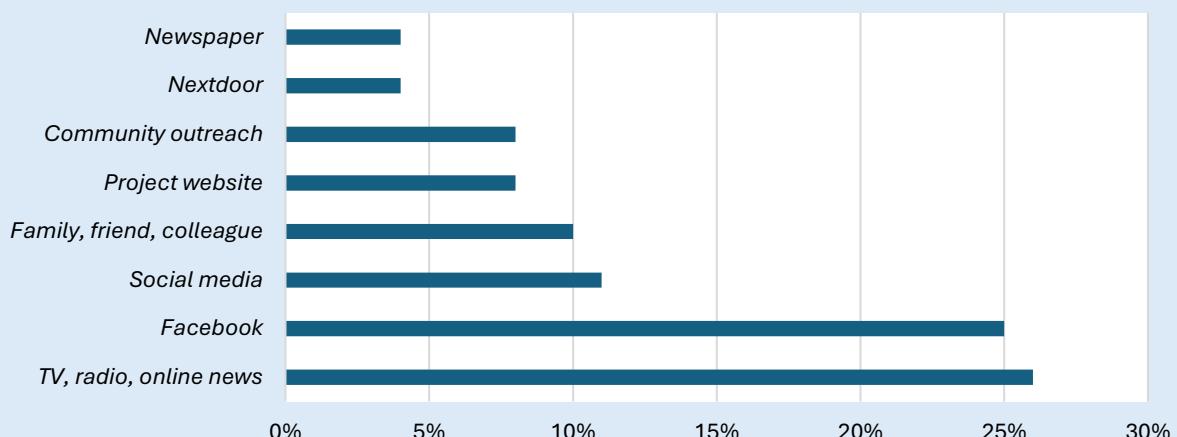
What would encourage you to **bike** more than you do?



Could the pedestrian timers that you've used be improved?



How did you hear about this survey?



ISSUES & CONCERNS

- Consideration for safety improvements surrounding schools were requested at the following: Irmo High School, Lexington High School, River Bluff High School, White Knoll High School, Irmo Middle School, Crossroads Intermediate School, Springdale Elementary School and Lake Murray Elementary School (Lexington).
- Crosswalks were requested along the following roads or to increase access to the following establishments:
 - Bush River Road, Piney Grove Road, State Street, Wescott Road
 - St. Andrews Road or Piney Grove Road → Saluda Shoals Park
 - Irmo Community Park → Irmo Town Park
 - Lexington Medical Center
- Limited visibility was noted at the following locations: left turn onto Ashland Road, left turn onto Jamil Road, turn from Norfolk Street onto State Street, Hook Avenue on Klapman Road, Boiling Springs Road (due to curves), Redmond Road, Falcon Drive, Sprahler Street, Starmount Drive from Charleston Highway (visibility in dark), Laurel Road and August Road intersection
- The addition of and extension of turn lanes were requested on various roads, including Charter Oak Road to US 1 and US 378, and Pisgah Church north to US 1.
- Crumbling shoulders and potholes were mentioned on many roads, including Shirway Road and Sherwood Drive. *Sherwood Drive has since been rehabilitated by SC DOT.*
- Bike parking was requested at many areas, including Crossroads Intermediate School, Irmo High School, Irmo Middle School, and the Riverbanks Zoo Botanical Garden entrance.

RECOMMENDATIONS & SUGGESTIONS

- Connect pedestrian/bicyclist paths throughout county
- Add roundabouts in areas, improve intersections
- Increase penalties and law enforcement presence to reduce risky motorist behavior
- Reduce the number of lanes on St. Andrews Road and Bush River Road
- Add right turn lanes into neighborhoods, extend many existing turn lanes
- Increase frequency of road maintenance and prioritize maintenance of shoulders through widening
- Improve lighting and pavement markings and evaluate areas where motorist visibility is reduced by natural and human environment
- Address drainage in areas with frequent flooding.
- Balance growth with infrastructure maintenance and safety improvements.