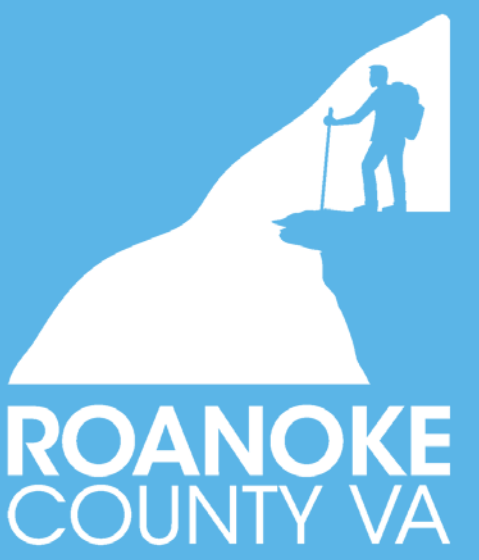


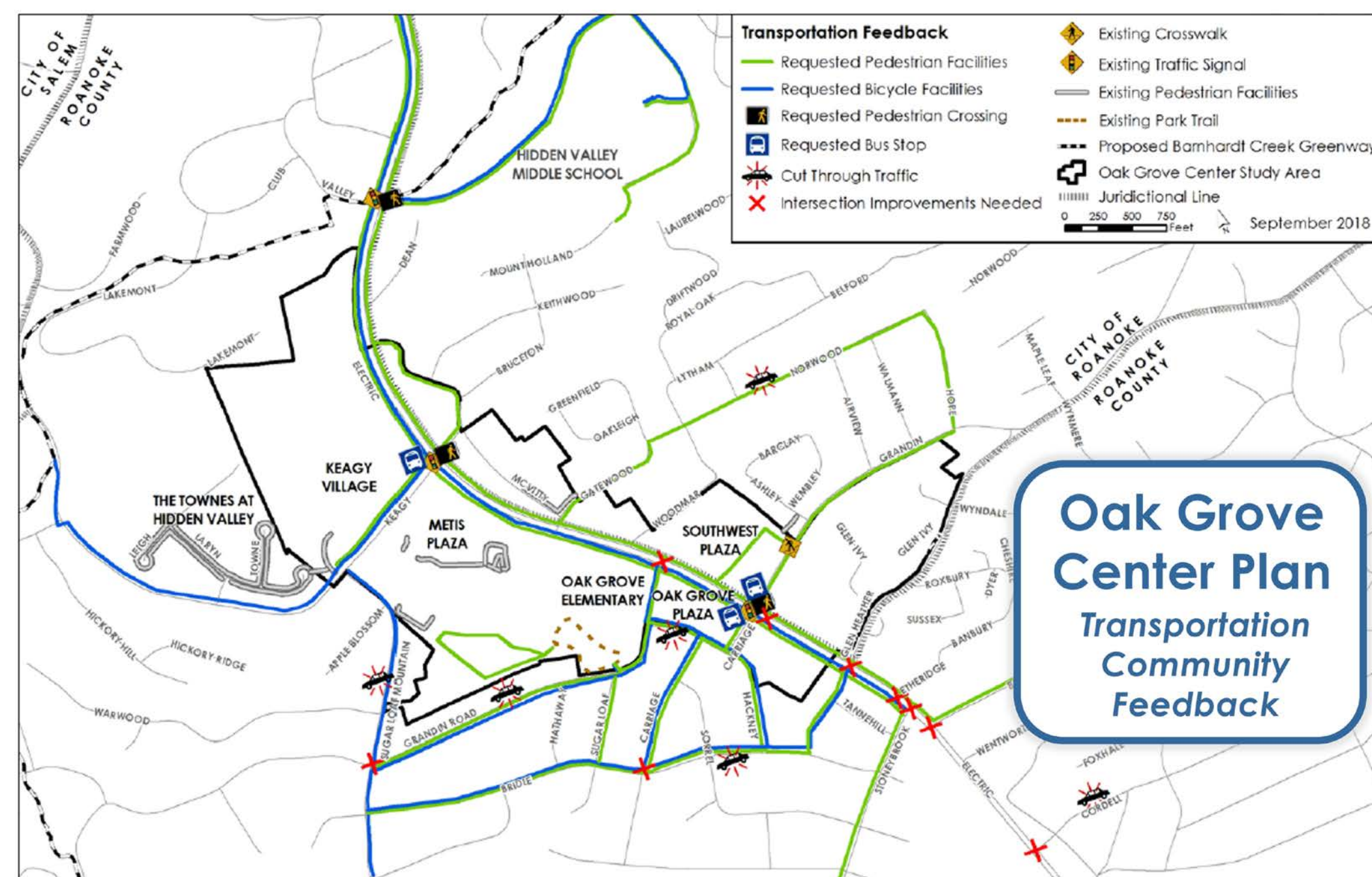


Route 419 Safety and Pedestrian Improvements

Overview: Oak Grove Center Plan



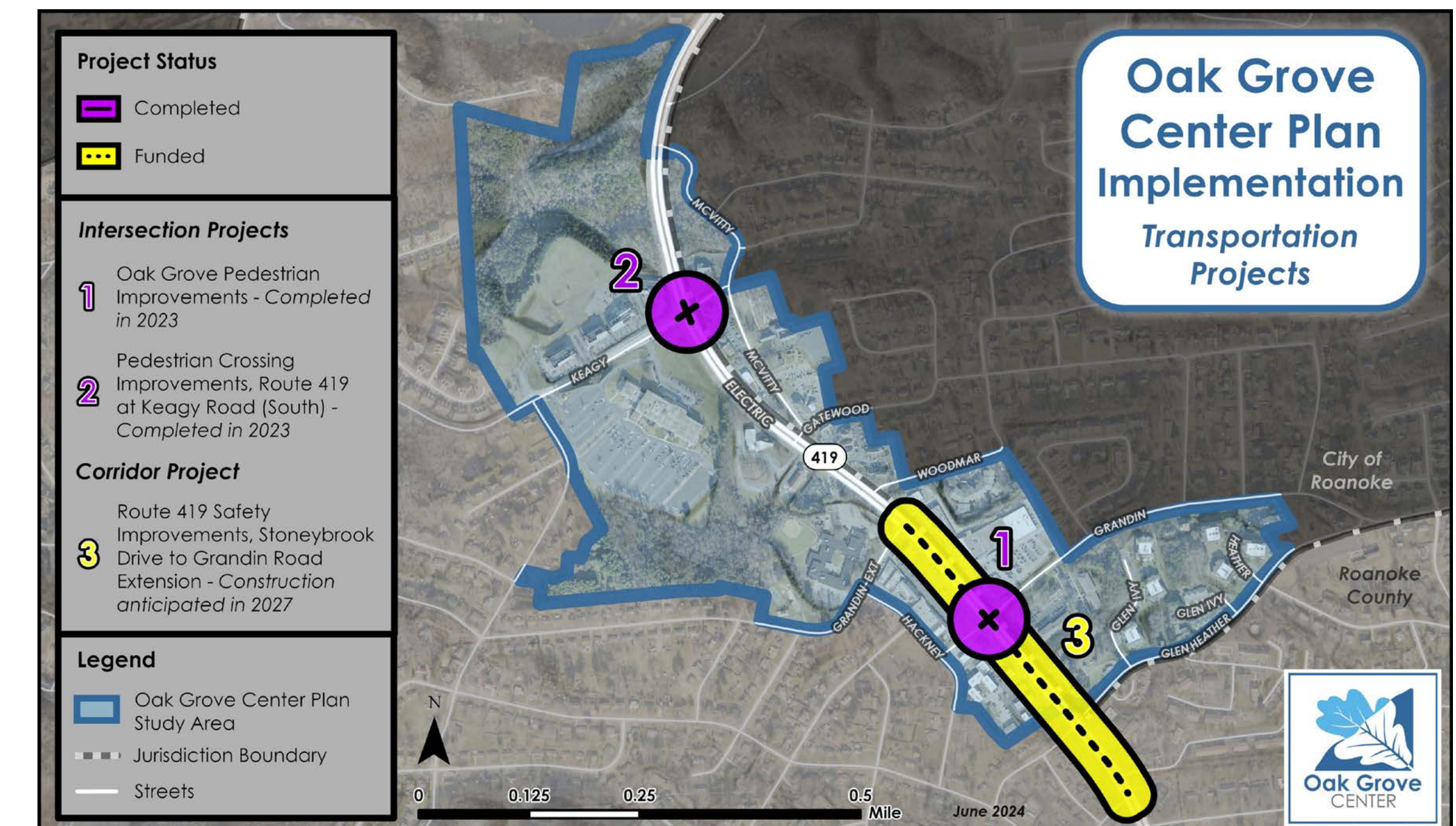
- In 2021, the **Oak Grove Center Plan** was adopted by the Roanoke County Board of Supervisors and the Roanoke City Council.
- During this planning process, six (6) community meetings were held in the Oak Grove area, attended by a total of 360 people. Three (3) surveys were disseminated to the public, which received a total of 752 responses.
- During the public outreach process, citizens communicated a desire for more bicycle/pedestrian infrastructure and concern about cut-through traffic in surrounding neighborhoods (see Map 1 below).
- One of the five principles of the adopted **Oak Grove Center Plan** is to “Increase mobility and connectivity.” An adopted core concept of this principle is to “provide accessible, multimodal connectivity throughout the plan area.”
- Transportation project recommendations in the adopted **Oak Grove Center Plan** include (see Map 2 below):
 - *Construct bicycle and pedestrian accommodations on Route 419 (Glen Heather Drive to Keagy Road) including pedestrian signals at intersections (#2 on map)*
 - *Improve traffic flow and safety for motor vehicles along Route 419*
 - *Improve the Route 419 intersections at Carriage Drive/Grandin Road SW (#3 on map), Stoneybrook Drive (#6 on map), and Glen Heather Drive (#8 on map)*
 - *Address operational issues to improve safety throughout the study area*



Map 1



Map 2



Map 3

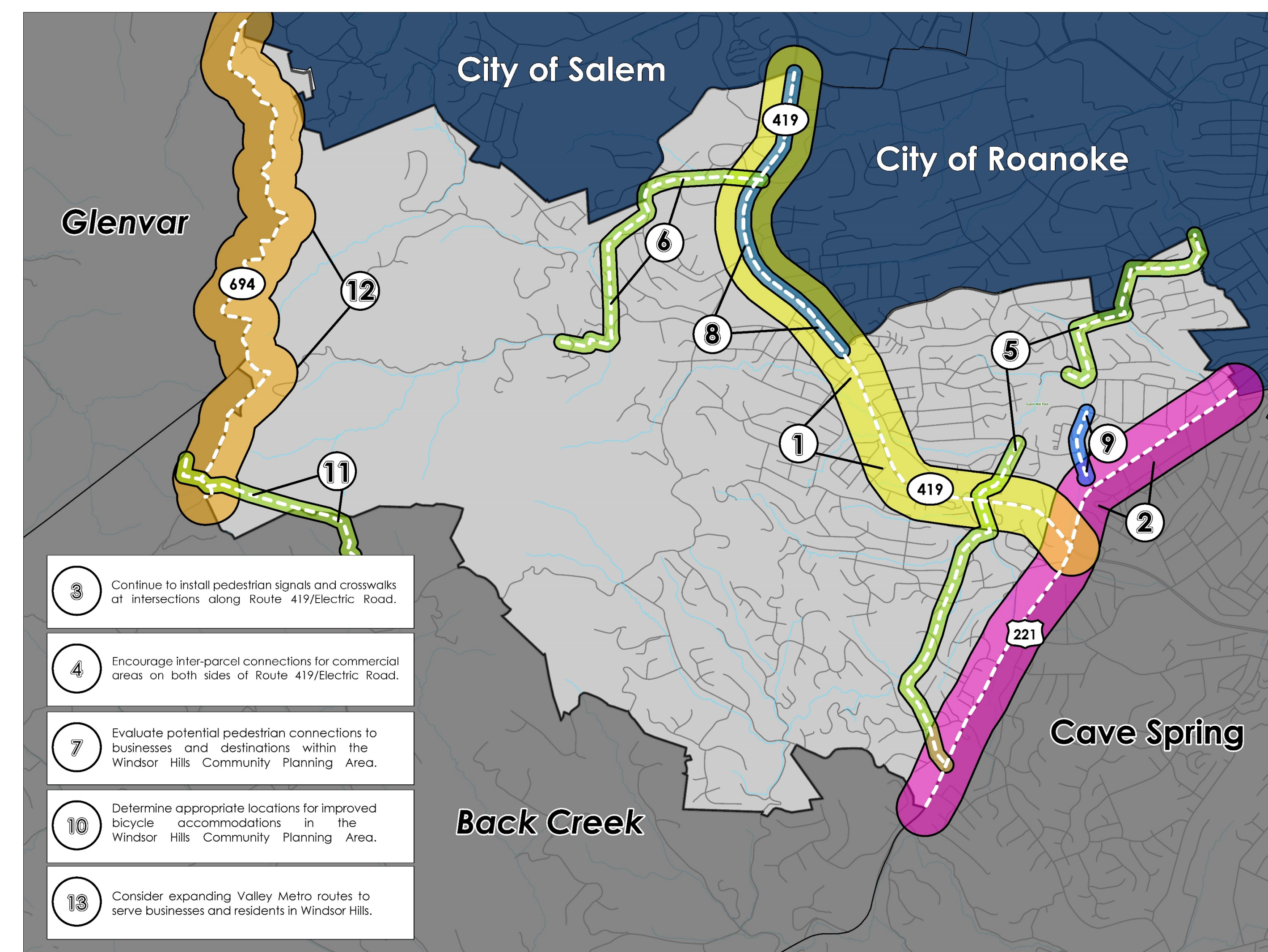


Route 419 Safety and Pedestrian Improvements

Overview: Roanoke County 200 Plan



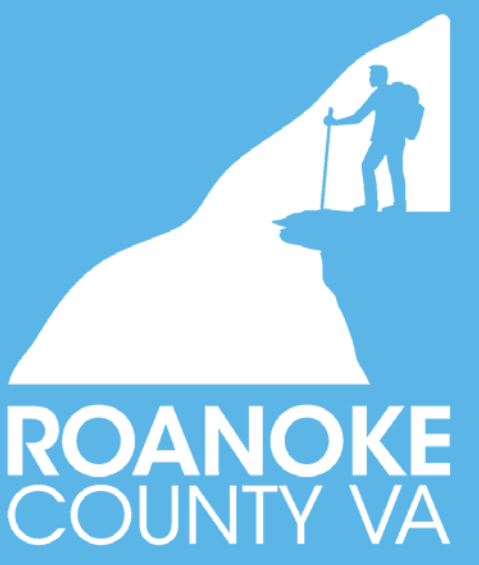
- In September 2024, the **Roanoke County 200 Plan** was adopted by the Roanoke County Board of Supervisors.
- During this planning process, three (3) community meetings were held in the Windsor Hills Community Planning Area (CPA), attended by a total of 97 people. Three (3) surveys pertaining specifically to issues in the Windsor Hills CPA were disseminated to the public, including one (1) that specifically focused on transportation issues. These surveys received a total of 60 responses.
- During the public outreach process, citizens expressed a desire for more bicycle and pedestrian accommodations in the Windsor Hills CPA and concerns about traffic on Route 419.
- Countywide transportation priorities in the adopted **Roanoke County 200 Plan** include:
 - *Continue to study and improve Route 419/Electric Road for all users*
 - *Improve pedestrian and/or bicycle connectivity to County schools, parks and other facilities*
- Transportation priorities for the Windsor Hills CPA in the adopted **Roanoke County 200 Plan** include (see map at right):
 - *Study and improve Route 419/Electric Road for all users (#1 on map)*
 - *Continue to install pedestrian signals and crosswalks at intersections along Route 419/Electric Road*
- Other transportation project recommendations for the Windsor Hills CPA in the adopted **Roanoke County 200 Plan** include (see map at right):
 - *Evaluate potential pedestrian connections to businesses and destinations*
 - *Construct pedestrian and bicycle facilities along Route 419/Electric Road from Glen Heather Drive to the City of Salem (#8 on map)*
 - *Determine appropriate locations for improved bicycle accommodations*



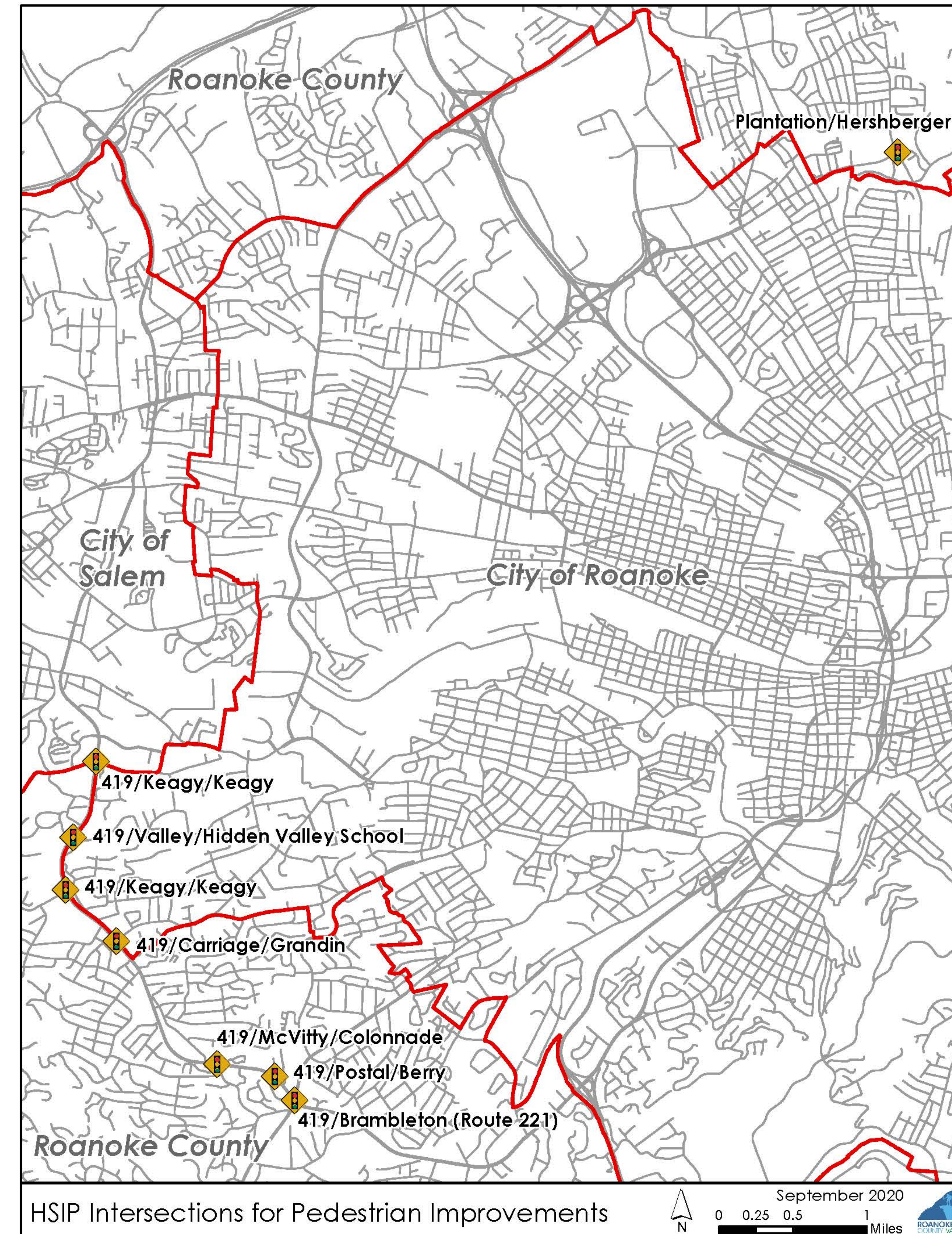


Route 419 Safety and Pedestrian Improvements

Overview: Pedestrian Signals and Crosswalks



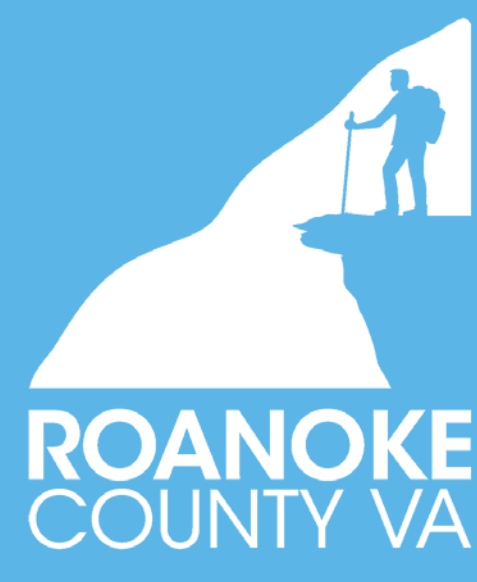
- In 2020, VDOT allocated Highway Safety Improvement Program (HSIP) funding to investigate improving seven (7) signalized intersections with pedestrian signals and crosswalks:
 1. Route 419/Keagy Road/Keagy Road at Lewis Gale Hospital
 2. Route 419/Valley Drive/Hidden Valley School Road
 3. Route 419/Keagy Road/Keagy Road at Keagy Village (constructed in 2023 with HSIP funding)
 4. Route 419/Carriage Lane/Grandin Road SW (constructed in 2023 with Surface Transportation Block Grant funding)
 5. Route 419/McVitty Road/Colonnade Drive
 6. Route 419/Postal Drive/Berry Lane
 7. Route 419/Brambleton Avenue
 8. Plantation Road/Hershberger Road
- In August 2022, SMART SCALE funding was requested for Route 419/Postal Drive/Berry Lane and for Route 419/Brambleton Avenue.
- In June 2023, SMART SCALE funding was awarded for Route 419/Postal Drive/Berry Lane and for Route 419/Brambleton Avenue.





Route 419 Safety and Pedestrian Improvements

Overview: Project Pipeline Study



- In 2021, Roanoke County requested and VDOT initiated a Project Pipeline study for Route 419 from the City of Salem to Bower Avenue. The study limits match Route 419 traffic concerns identified as part of the Oak Grove Center Plan.

Route 419 & Glen Heather Dr (Priority 1)

- 13 total crashes
 - 8 angle crashes
 - 2 WB/NBT
 - 1 NBL/SBT and 1 NBU/SBT
- Existing conditions
 - Unsignalized with all movements permitted
 - Existing traffic volumes
 - Low EB and WB left-turn and through volumes (<20 vph)

AM Peak				PM Peak			
2	1136	44	42	4	1559	57	35
0	2	22	26	1	0	17	45
0	0	1373	1373	0	0	1252	1252
0	0	56	56	0	0	93	93



Collision Type		Crash Severity	
△	Angle	○	Rear End
□	Fixed Object	☆	Sideswipe
⊕	Head On	◇	Other
⚡	Pedestrian		
		■	FATAL
		■	INJURY
		■	PROPERTY DAMAGE ONLY

Route 419 & Carriage Ln/Grandin Rd (Priority 2)

- 14 total crashes
 - 8 rear end crashes
 - 4 angle crashes
 - 1 WBL/NBT
 - 1 WBT/NBT
 - 1 pedestrian crash resulting in severe injuries as a pedestrian was walking between stopped cars and was struck by a vehicle in the left lane of SB Route 419 north of Carriage Lane



Collision Type		Crash Severity	
△	Angle	○	Rear End
□	Fixed Object	☆	Sideswipe
⊕	Head On	◇	Other
⚡	Pedestrian		
		■	FATAL
		■	INJURY
		■	PROPERTY DAMAGE ONLY

Route 419 & Stoneybrook Dr (Priority 2)

- 12 total crashes
 - 8 angle crashes
 - 1 WBT/NBT
 - 1 WBL/NBT
 - 1 WBR/NBT
 - 1 EBT/SBT
 - 1 EBR/NBU
 - 1 EBL/NBT
 - 1 NBL/SBT
 - 1 fatal crash south of Stoneybrook Rd involving a SB vehicle that crossed the median and struck a NB vehicle head-on

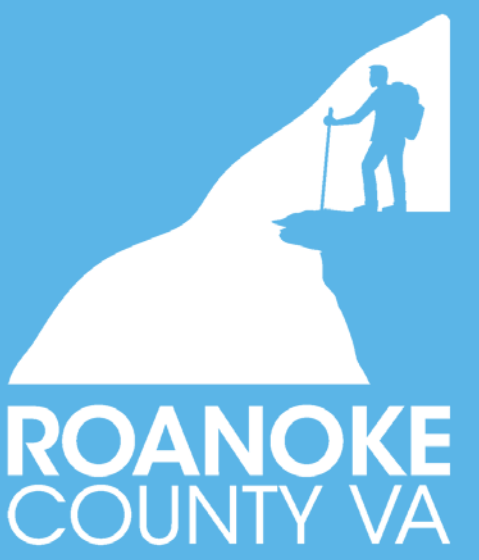


Collision Type		Crash Severity	
△	Angle	○	Rear End
□	Fixed Object	☆	Sideswipe
⊕	Head On	◇	Other
⚡	Pedestrian		
		■	FATAL
		■	INJURY
		■	PROPERTY DAMAGE ONLY



Route 419 Safety and Pedestrian Improvements

Overview: Project Timeline



- In August 2022, three (3) SMART SCALE applications were submitted for Route 419 between Keagy Road at Lewis Gale Hospital and Brambleton Avenue.
- In June 2023, SMART SCALE funding was awarded by the CTB for two (2) projects.
- In January 2024, VDOT started the preliminary engineering phase.
- In March 2025, Roanoke County held a community meeting to review the funded project and receive comments.
- In early 2026, the right-of-way phase is anticipated to begin.
- In 2027, the project is anticipated to be advertised for construction. If the project is awarded, construction may begin.



Route 419 at Carriage Drive



Route 419 at Postal Drive/Berry Lane



Route 419 at Brambleton Avenue