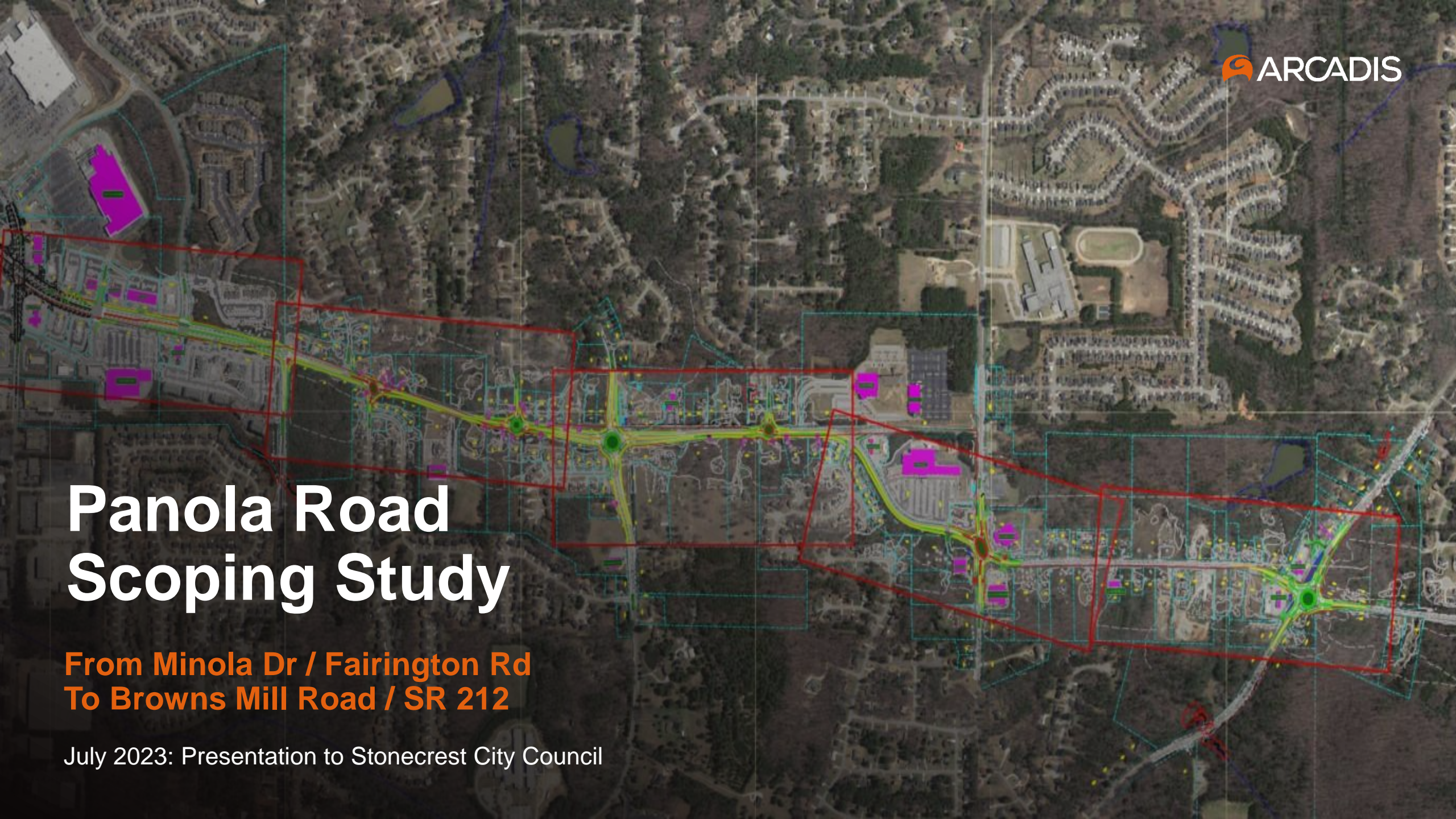


Panola Road Scoping Study

**From Minola Dr / Fairington Rd
To Browns Mill Road / SR 212**

July 2023: Presentation to Stonecrest City Council



Agenda

1 Study Purpose and Scope

2 Study Timeline

3 Safety Analysis

4 Operational Analysis

5 Recommended Projects

6 Operational Improvement

7 Project Priority

8 Questions

Study Purpose and Scope

- The Study corridor covers Panola Road from Minola Drive / Fairington Road to Browns Mill Road (2.2 miles)
- Identify safety and operational issues along the corridor
- Recommend improvements to address the issues identified
- Develop conceptual plans for each improvement
- Estimate the Benefit / Cost ratio for each improvement
- Recommend project priority based on B/C
- Incorporate bicycle plans from Stonecrest Transportation Master Plan

Study Timeline

Spring 2022

- Collected Traffic Counts and Crash Data

Summer – Fall 2022

- Developed Traffic Model of the corridor and finalized traffic recommendations

Winter 2022 – 2023

- Developed concept layouts of recommended improvements

Spring 2023

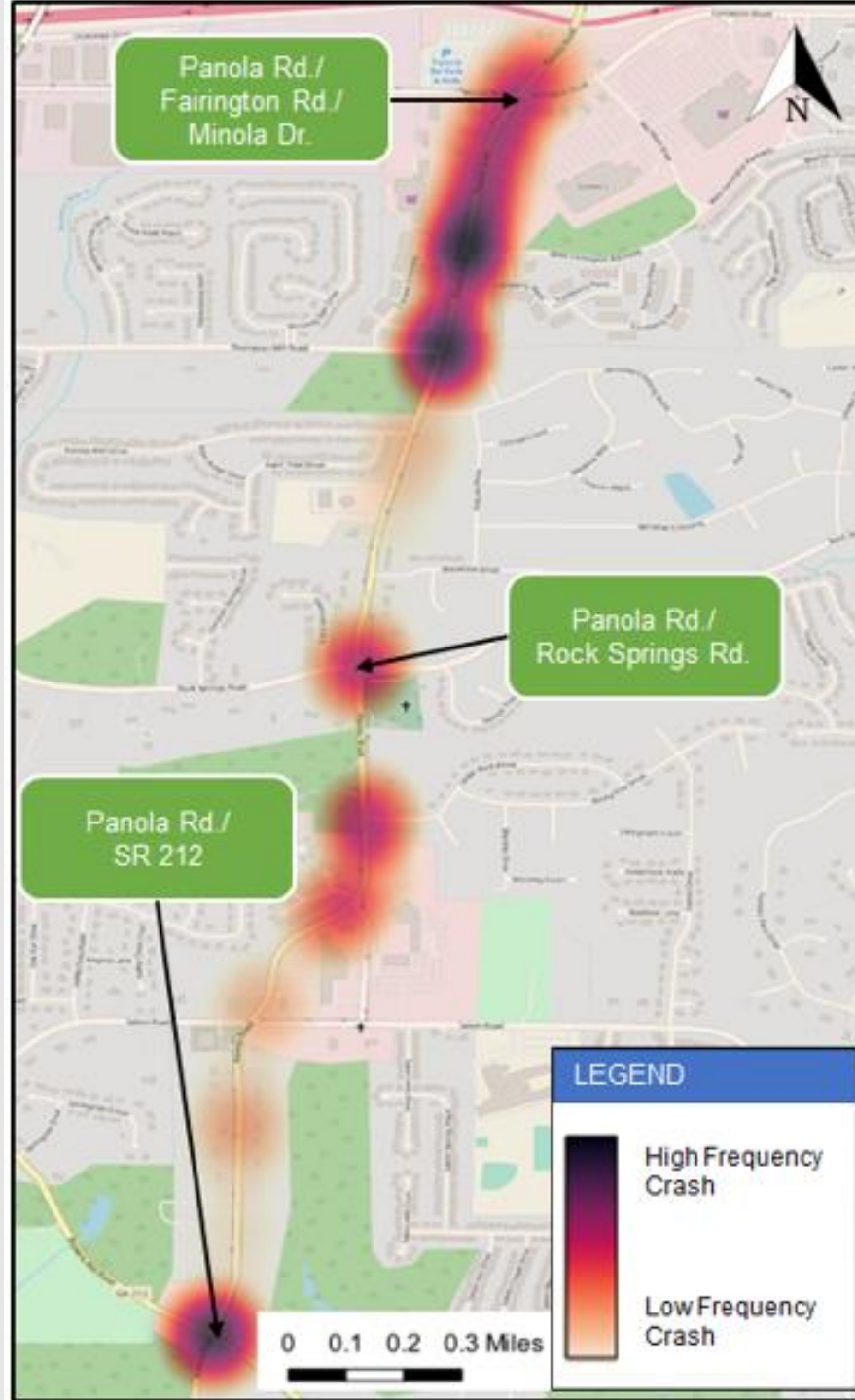
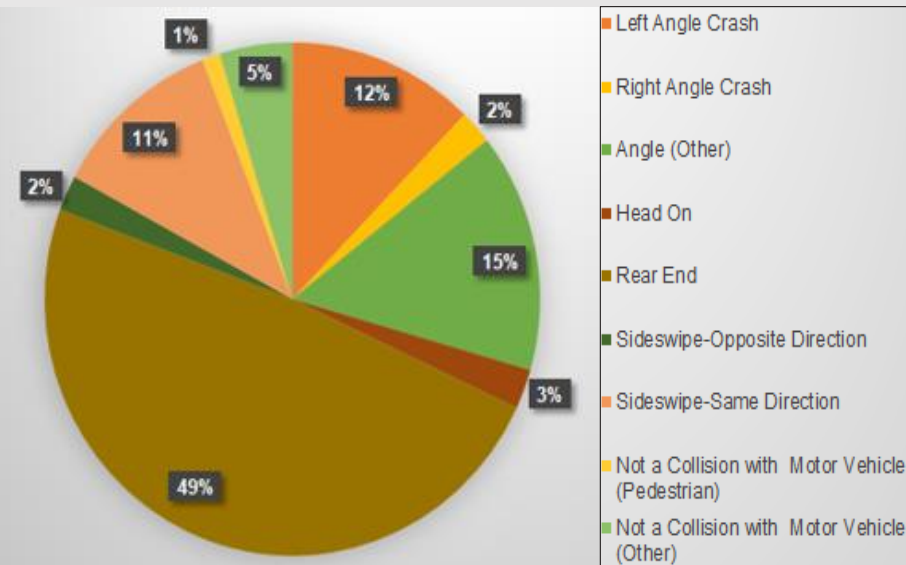
- Held two Stakeholder meetings to review traffic results, proposed improvements and received feedback

Summer 2023

- Finalize Scoping Study and Final Recommendations

Safety Analysis

Distribution of Crashes along Panola Road (2017 – 2021)

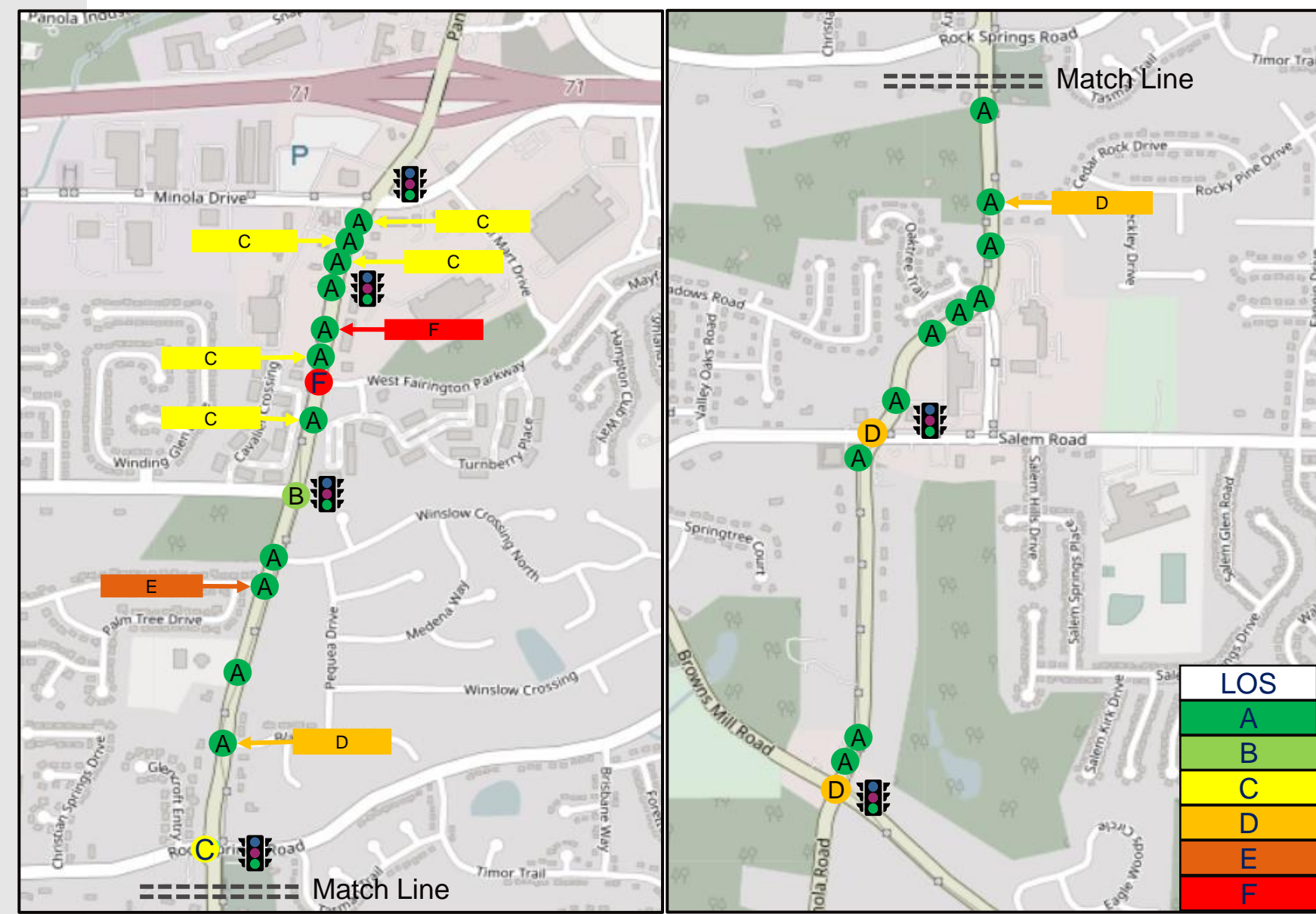


Highlights:

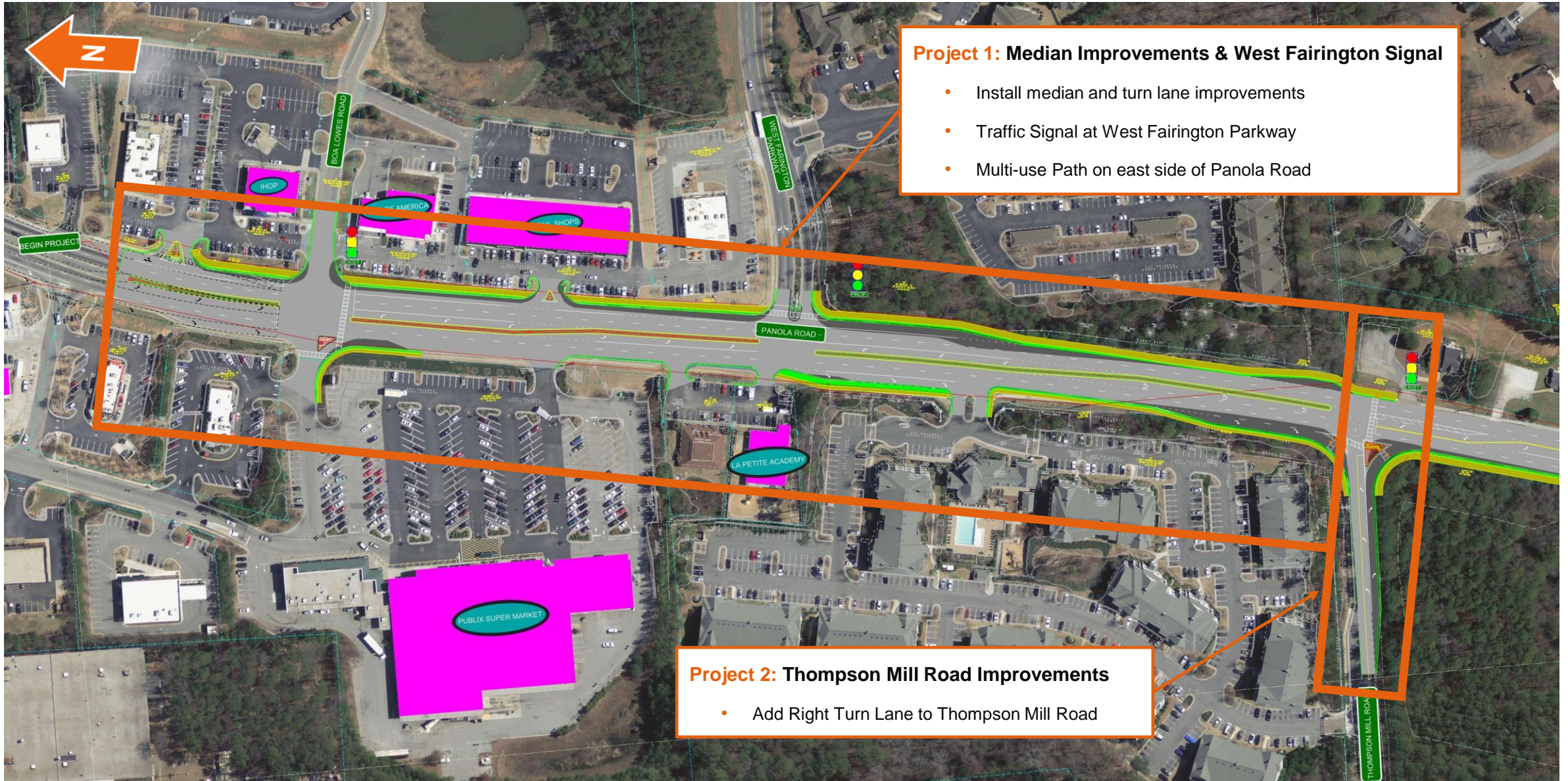
- High Crash Rates at:
 - Minola / Fairington to West Fairington
 - Thompson Mill Road
 - Brown's Mill / SR 212
- Medium Crash Rates at:
 - Rock Springs Road
 - Cedar Rock Drive
 - Oaktree Trail / Big Miller Grove Way
- Two fatalities during the time period:
 - Pedestrian crossing at IHOP driveway
 - Impaired driver at lane drop south of Panola Mill
- Most pedestrian crashes occur in northern section
 - 13 Crashes (1 Fatal / 12 Injury)

Operational Analysis

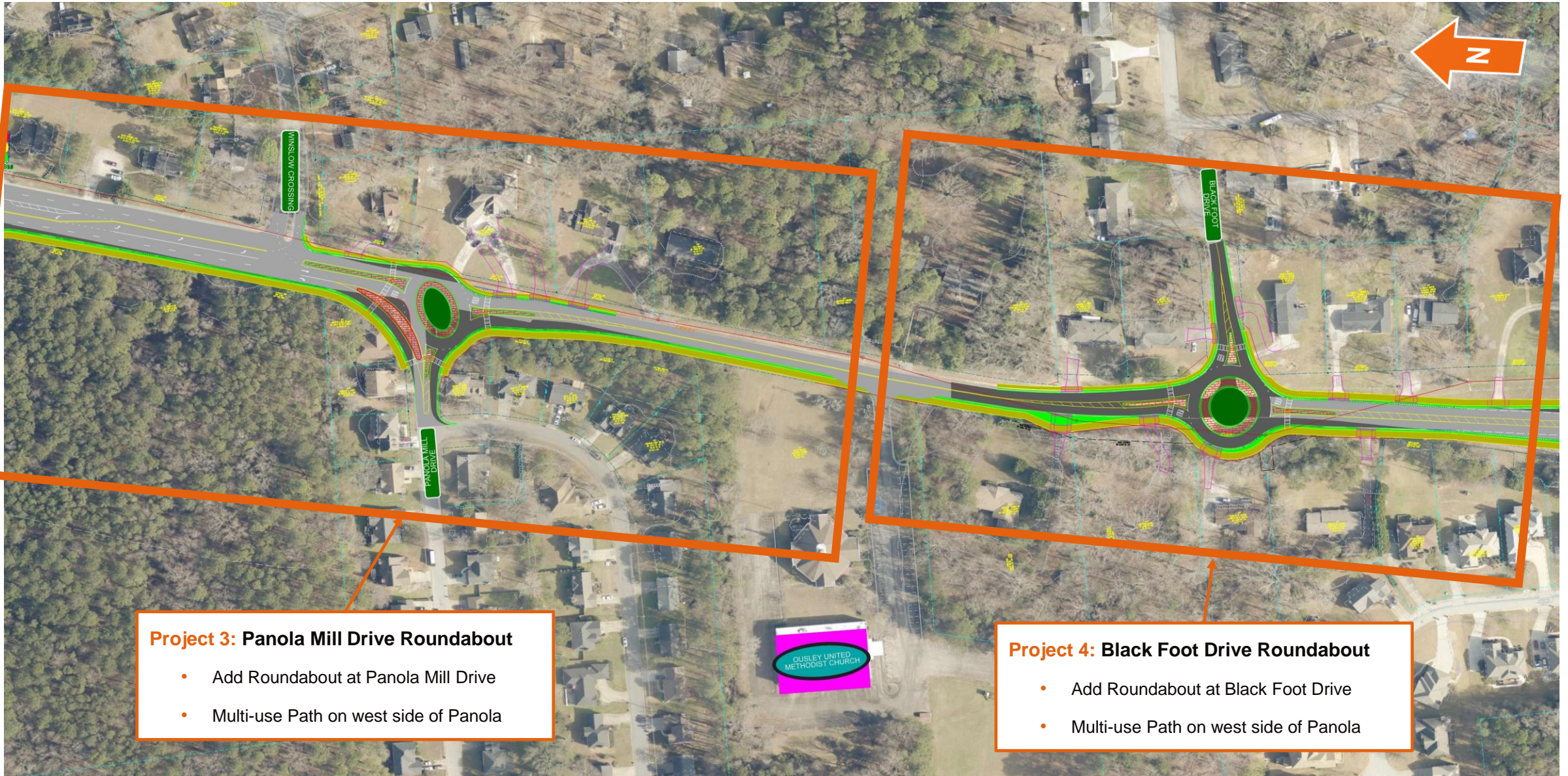
Open Year (2027) PM Level of Service (LOS) along Panola Road



Recommendations: Minola Dr / Fairington Rd to Thompson Mill Rd



Recommendations: Thompson Mill Road to Black Foot Drive



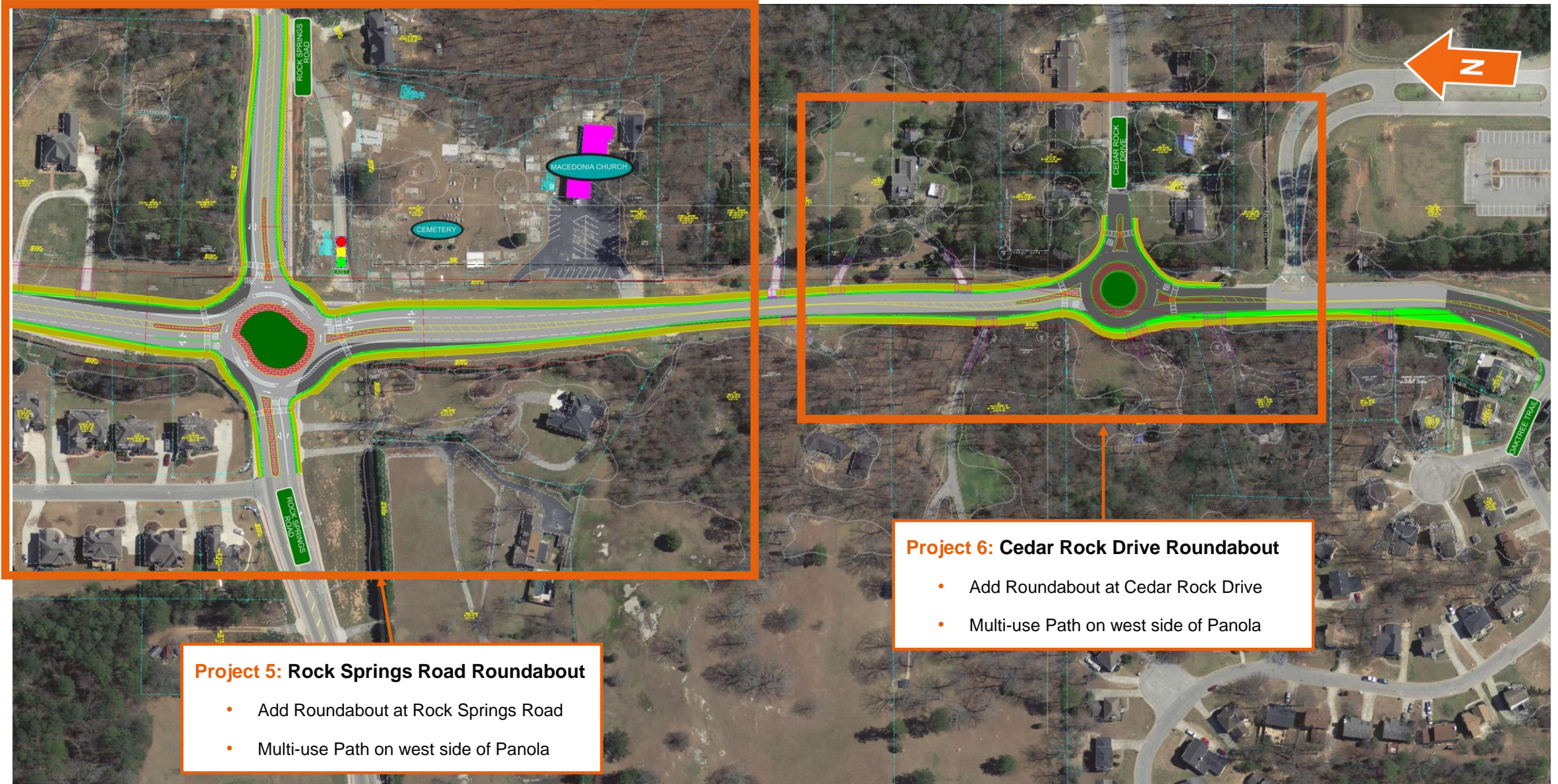
Project 3: Panola Mill Drive Roundabout

- Add Roundabout at Panola Mill Drive
- Multi-use Path on west side of Panola

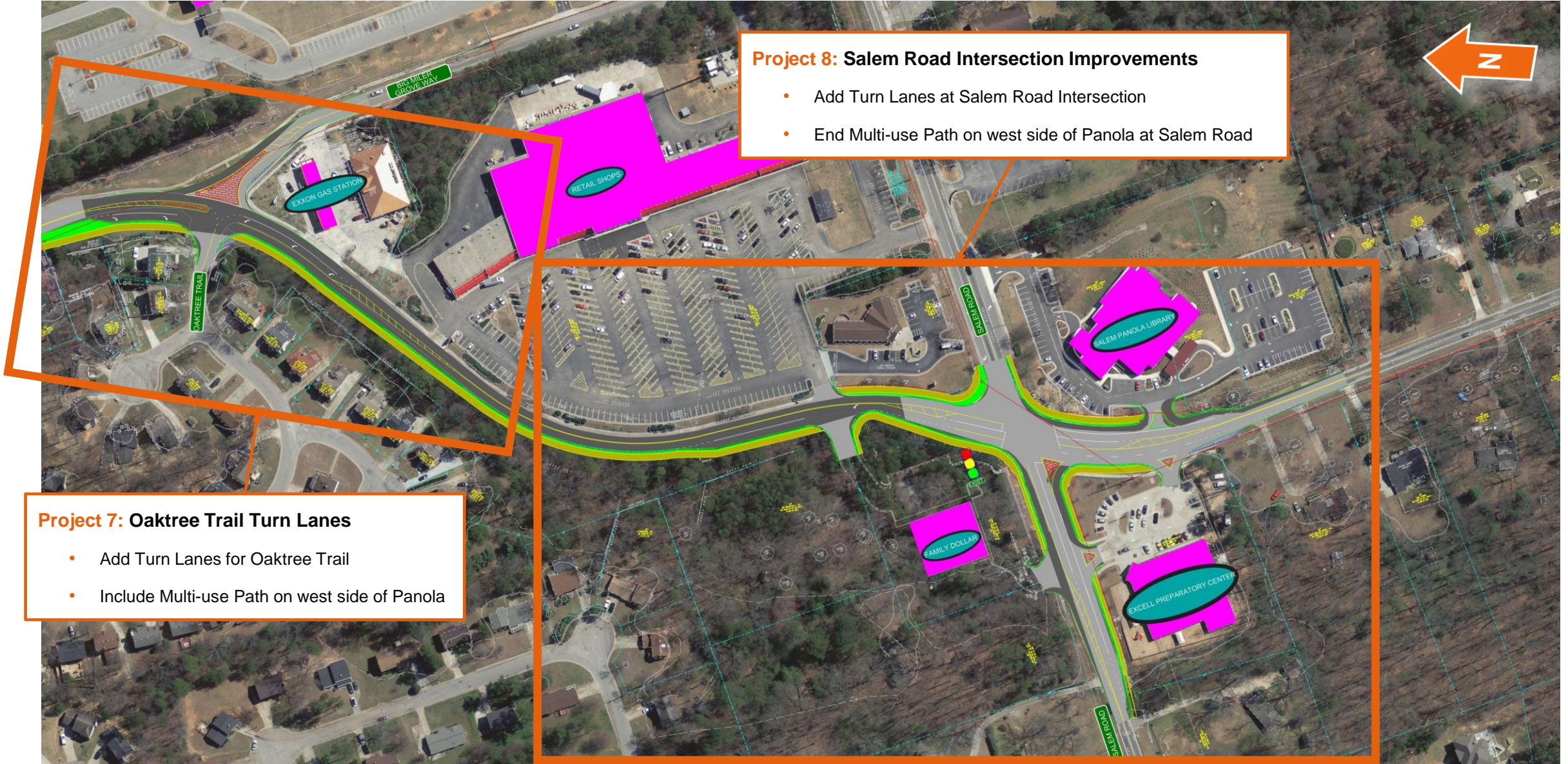
Project 4: Black Foot Drive Roundabout

- Add Roundabout at Black Foot Drive
- Multi-use Path on west side of Panola

Recommendations: Rock Springs Road to Cedar Rock Drive



Recommendations: Oaktree Trail / Big Miller Grove Way to Salem Rd



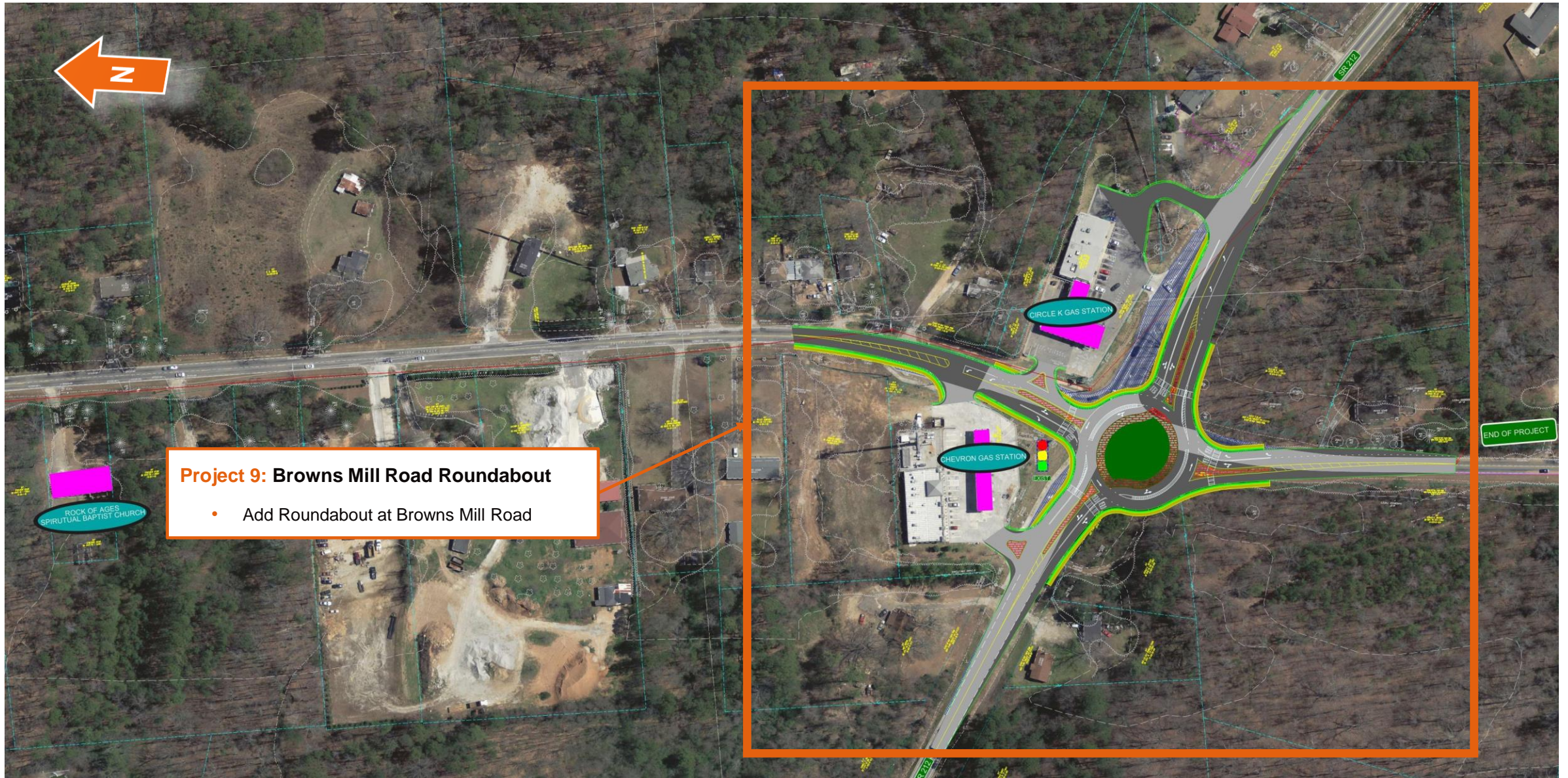
Project 8: Salem Road Intersection Improvements

- Add Turn Lanes at Salem Road Intersection
- End Multi-use Path on west side of Panola at Salem Road

Project 7: Oaktree Trail Turn Lanes

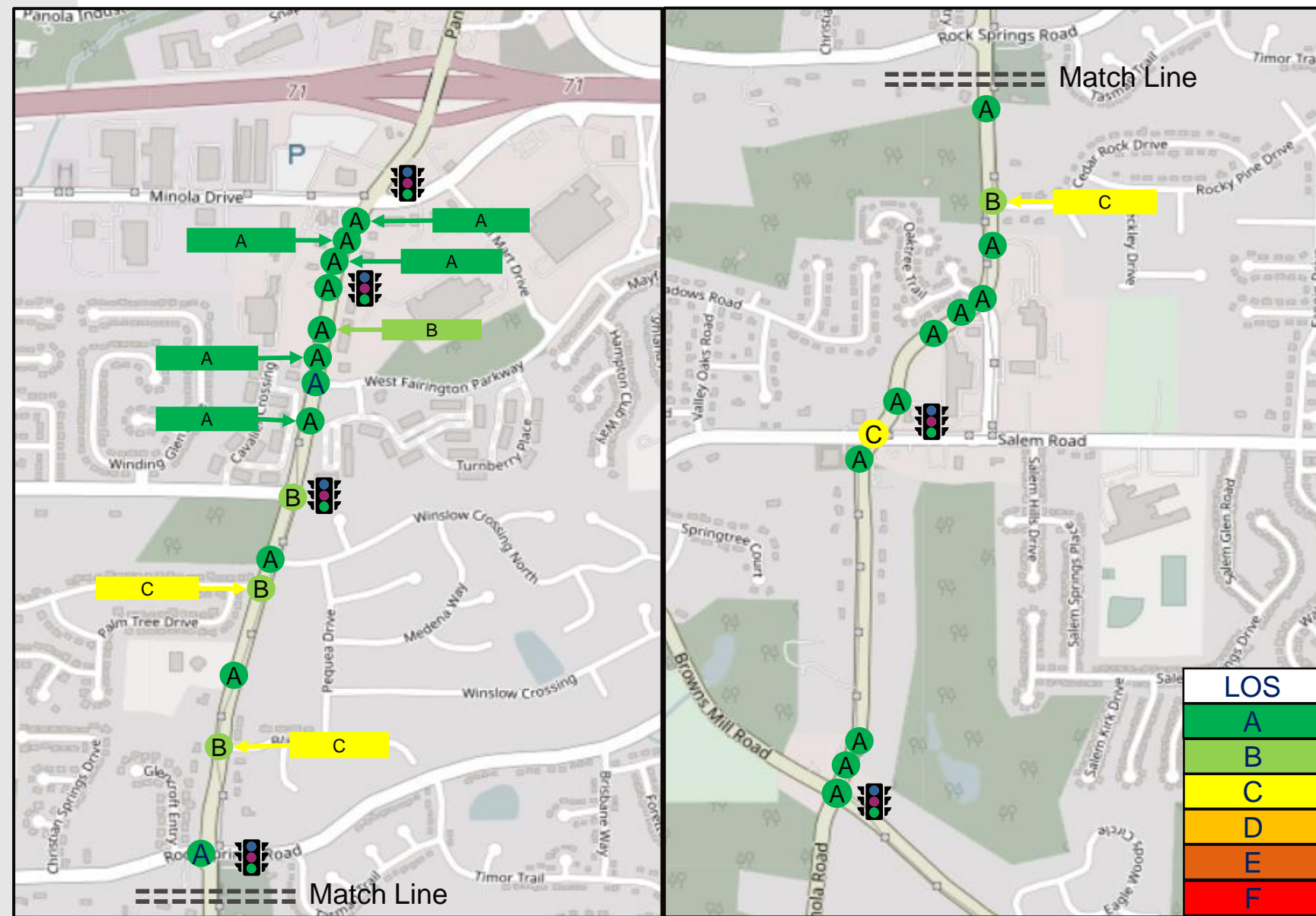
- Add Turn Lanes for Oaktree Trail
- Include Multi-use Path on west side of Panola

Recommendations: Brown's Mill Road / SR 212



Operational Improvement

Open Year (2027) PM Level of Service (LOS) along Panola Road

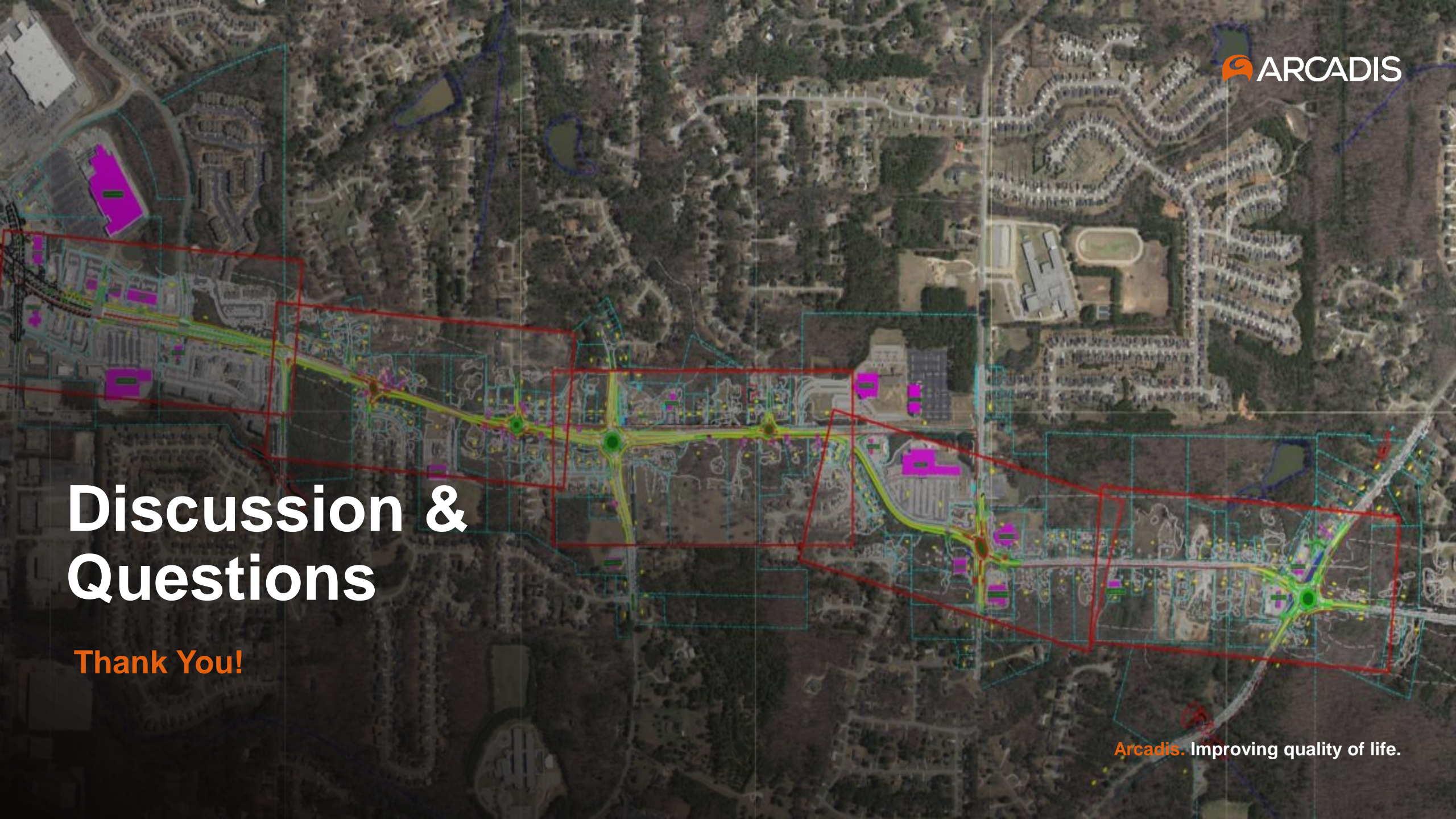


Recommended Project Priority

Project Priority	Project Description	Project Cost	Benefit / Cost Ratio	Notes
High Priority				
1	Project 1: Median Improvements & W. Fairington Signal	\$3,916,607	14.4	Projects could be combined into one project
2	Project 2: Thompson Mill Road Intersection Improvements	\$720,907	12.1	
Medium Priority				
3	Project 5: Rock Springs Drive Roundabout	\$2,014,610	7.7	
4	Project 3: Panola Mill Drive Roundabout	\$2,058,228	6.5	
5	Project 9: Brown's Mill Road Roundabout	\$2,534,817	5.3	Possibly eligible for State/Federal funding
6	Project 6: Cedar Rock Drive Roundabout	\$1,649,350	2.6	
Low Priority				
7	Project 7: Oaktree Trail Turn Lane Improvements	\$1,148,874	1.0	Suggest not to proceed with these projects at this time
8	Project 8: Salem Road Intersection Improvements	\$2,473,475	0.7	
9	Project 4: Black Foot Drive Roundabout	\$1,845,370	(0.4)	

Discussion & Questions

Thank You!



Contact us



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