

Transportation Master Plan

Welcome Station

What is Going On?

The purpose of this Transportation Master Plan (TMP) update is to seek your input to ensure our transportation network is improved to benefit Roswell residents.

The outcome of this study will produce a comprehensive transportation planning document that will focus on key objectives that reflect the vision of the City's recently completed Strategic Plan. When complete, this plan will identify and prioritize projects and systems for implementation within the City.

What is the Process and Timeline to Prepare the Plan?

The planning process will go through three distinct phases, with public input and engagement being involved at key stages.

This process will ensure that the transportation improvements will not only be coordinated with the leadership of Roswell, but will also afford individual citizens and interested groups the opportunity for meaningful input.

SPRING 2022

Goal Setting and Data Gathering

- Review past studies
- Establish existing conditions
- Hold initial round of public meetings

SUMMER 2022

Assessment

- Anticipate future funding forecast
- Establish transportation network needs

FALL/WINTER 2022/2023

Recommendations

- Generate draft document
- Hold second round of public meetings
- Establish a financially constrained list of priorities for future investment



What are we doing tonight?

We are using tonight's meeting as an opportunity to receive input from the community on the future vision of transportation in Roswell, and receive feedback and insight on initial project recommendations.

There are 3 stations around the room for you to learn more about the City and give us your input on what can improve.

Station 1 – Existing/Projected Conditions

Learn more about Roswell's current transportation network, projected traffic patterns and the demographics of the City.

Station 2 – Current Projects

Understand more about the projects in the City that are already funded and are currently, or will soon be, under construction.

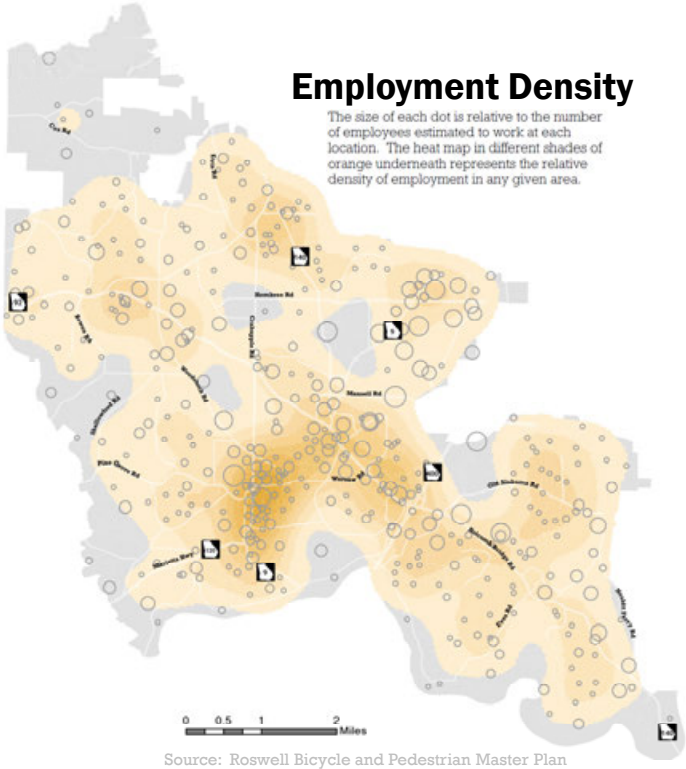
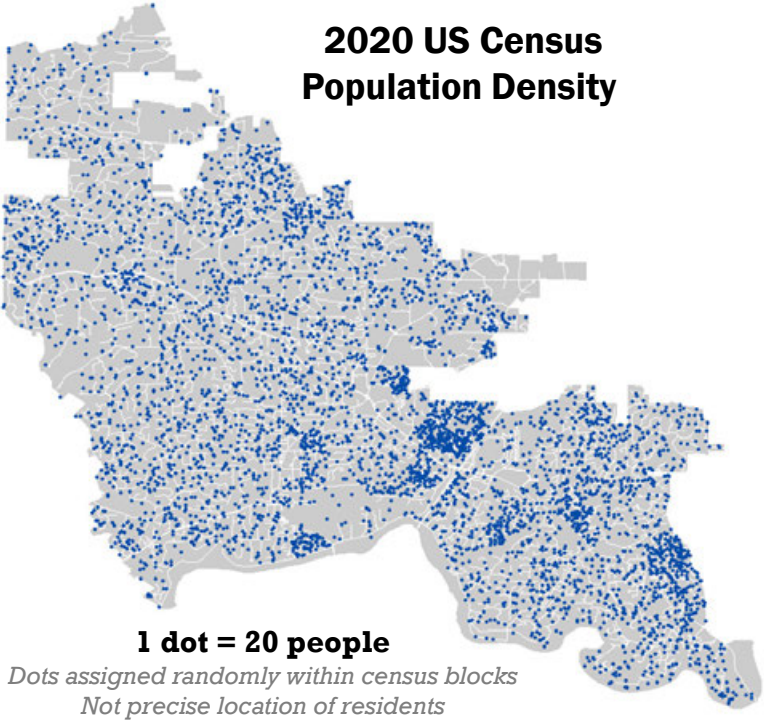
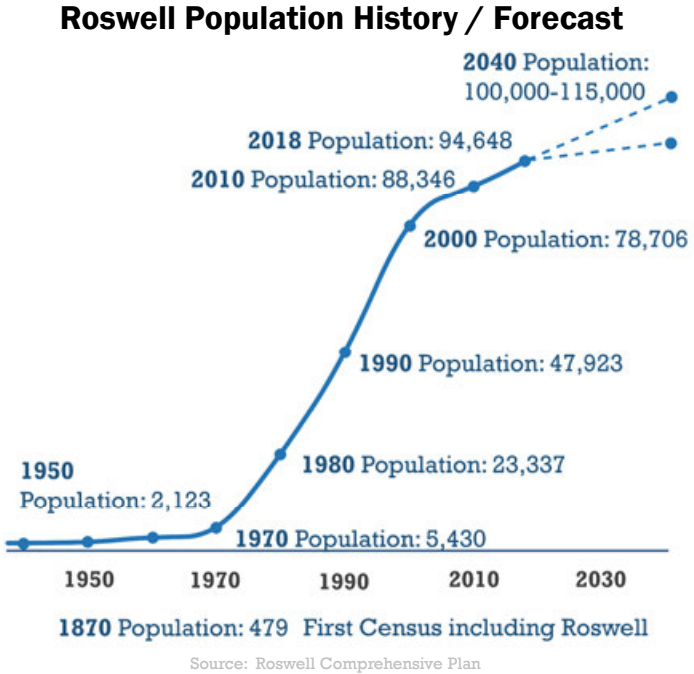
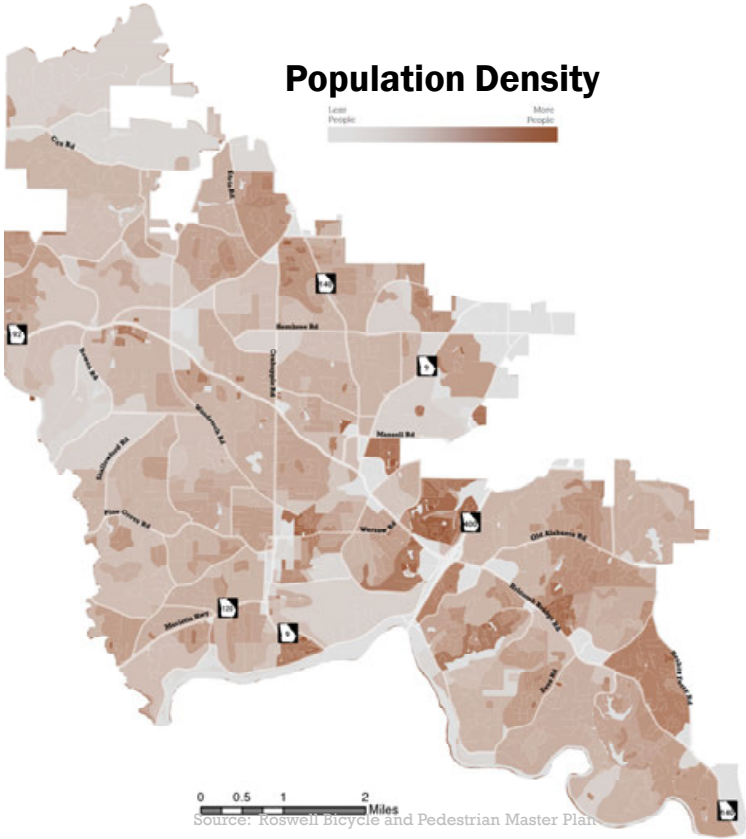
Station 3 – Goals and Funding

Provide input on study goals and how future funding can potentially be allocated. Comment on current transportation issues or project needs.

Station 1

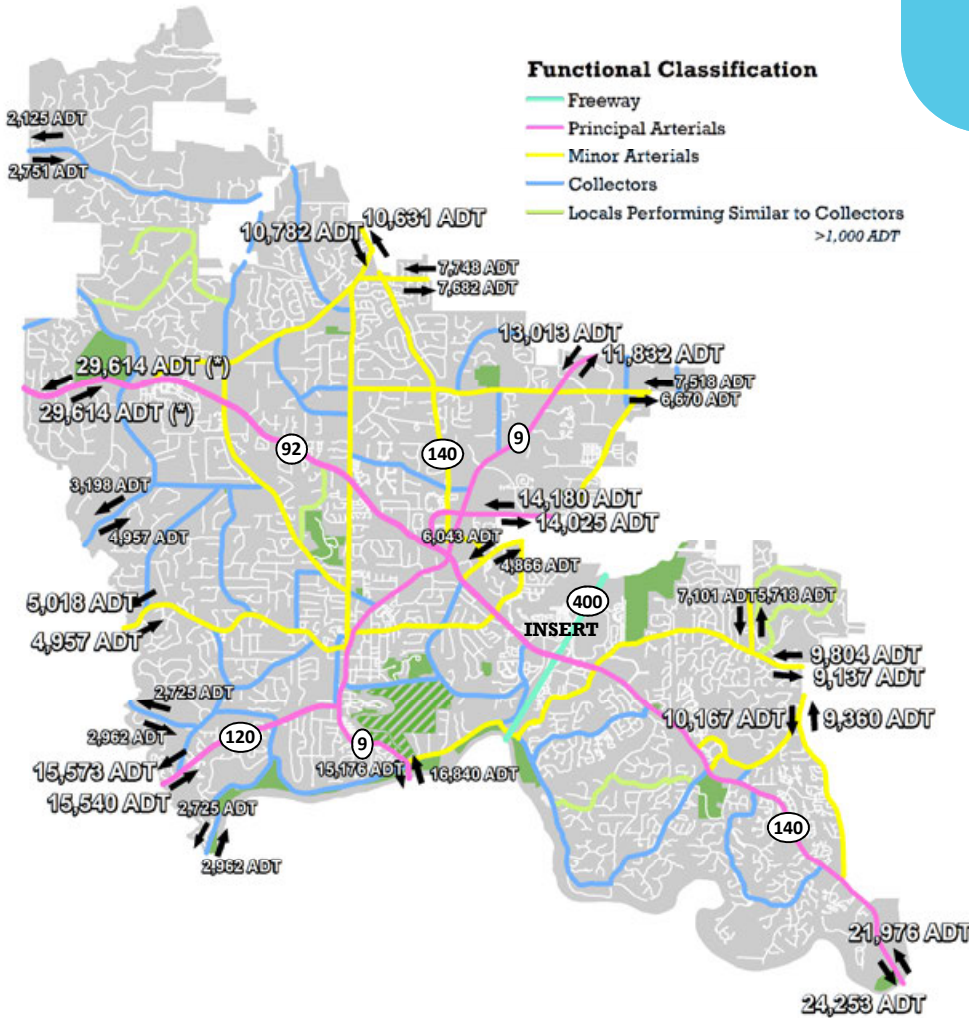
EXISTING CONDITIONS

Employment & Population

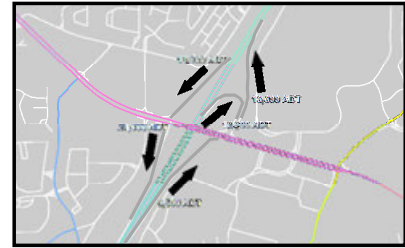


Average Daily Traffic Volumes Entering/Exiting Roswell

Station 1 EXISTING CONDITIONS Current Traffic



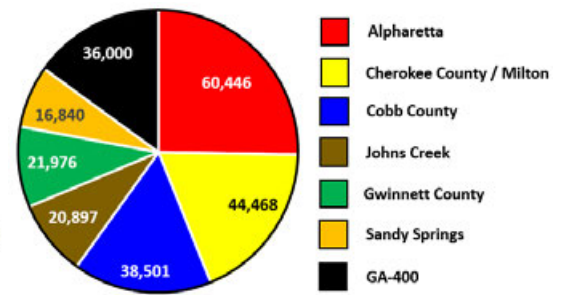
GA-400 at Holcomb Bridge Road Interchange ramp counts



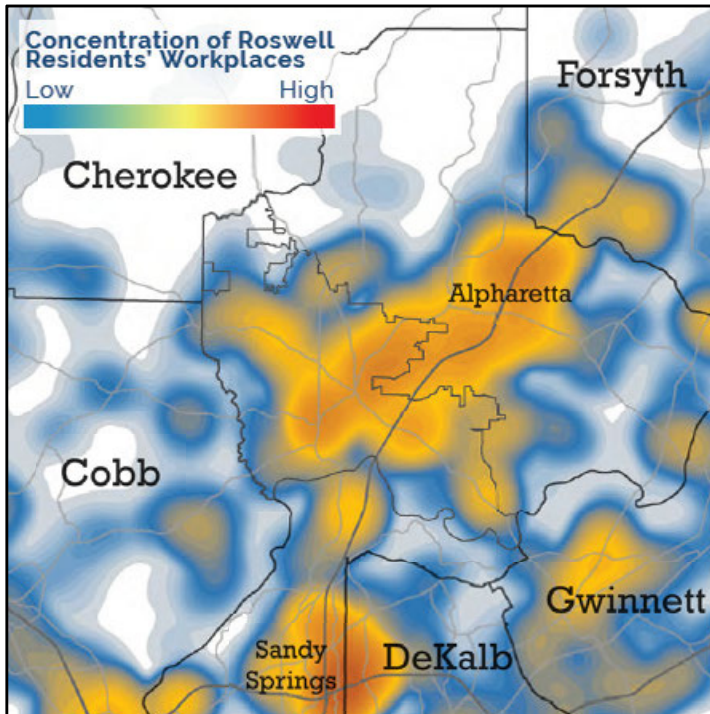
Northbound off:	22,400 (62%)
Southbound off:	13,600 (38%)
Total off:	36,000 (100%)

Average Daily Vehicles entering Roswell (vehicles coming in from)

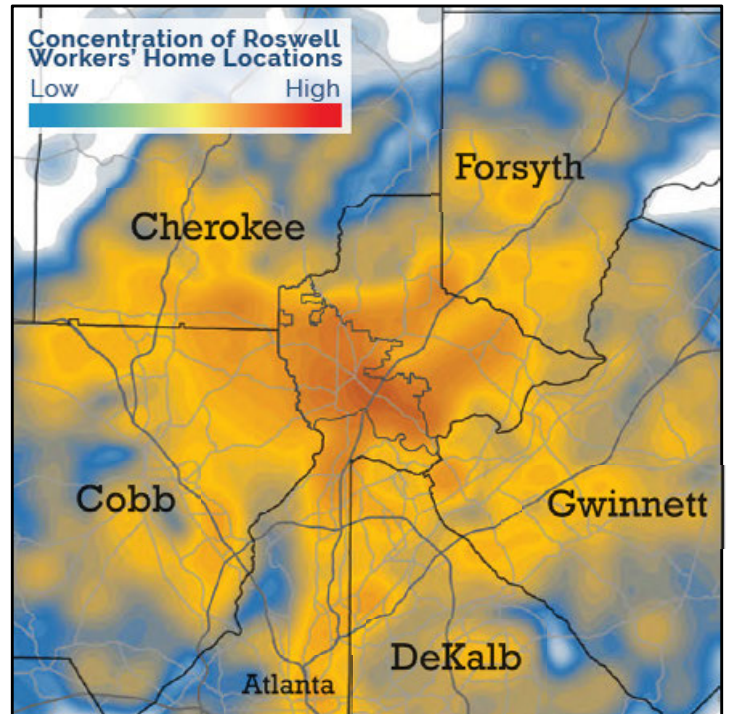
*Includes Roswell residents returning home



Where Roswell residents work (travel to)



Where Roswell workers live (commute from)



Station 1

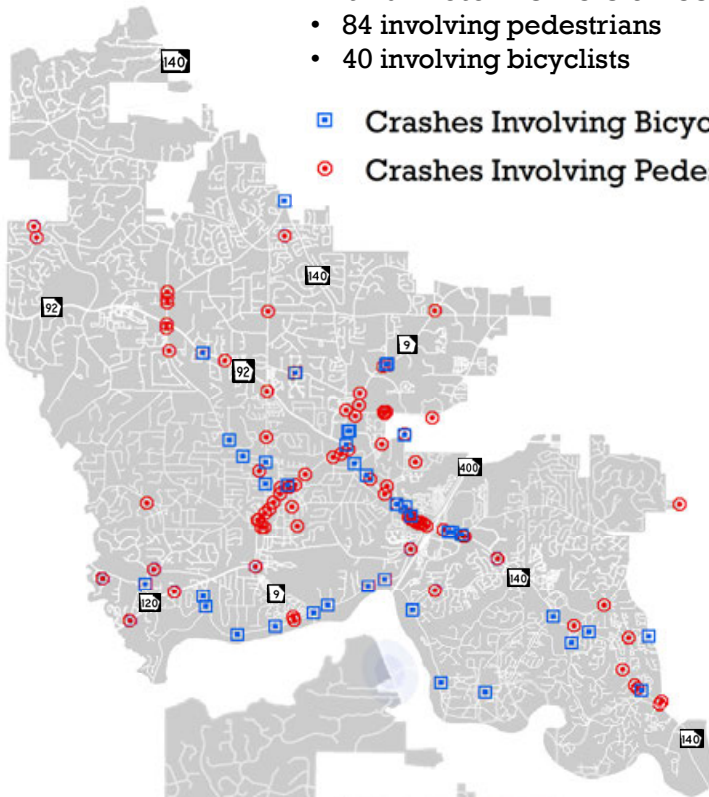
EXISTING CONDITIONS

Safety

Bicycle and Pedestrian incidents involving collision with a motor vehicle since 2016

- 84 involving pedestrians
- 40 involving bicyclists

- ▣ Crashes Involving Bicyclists
- Crashes Involving Pedestrians

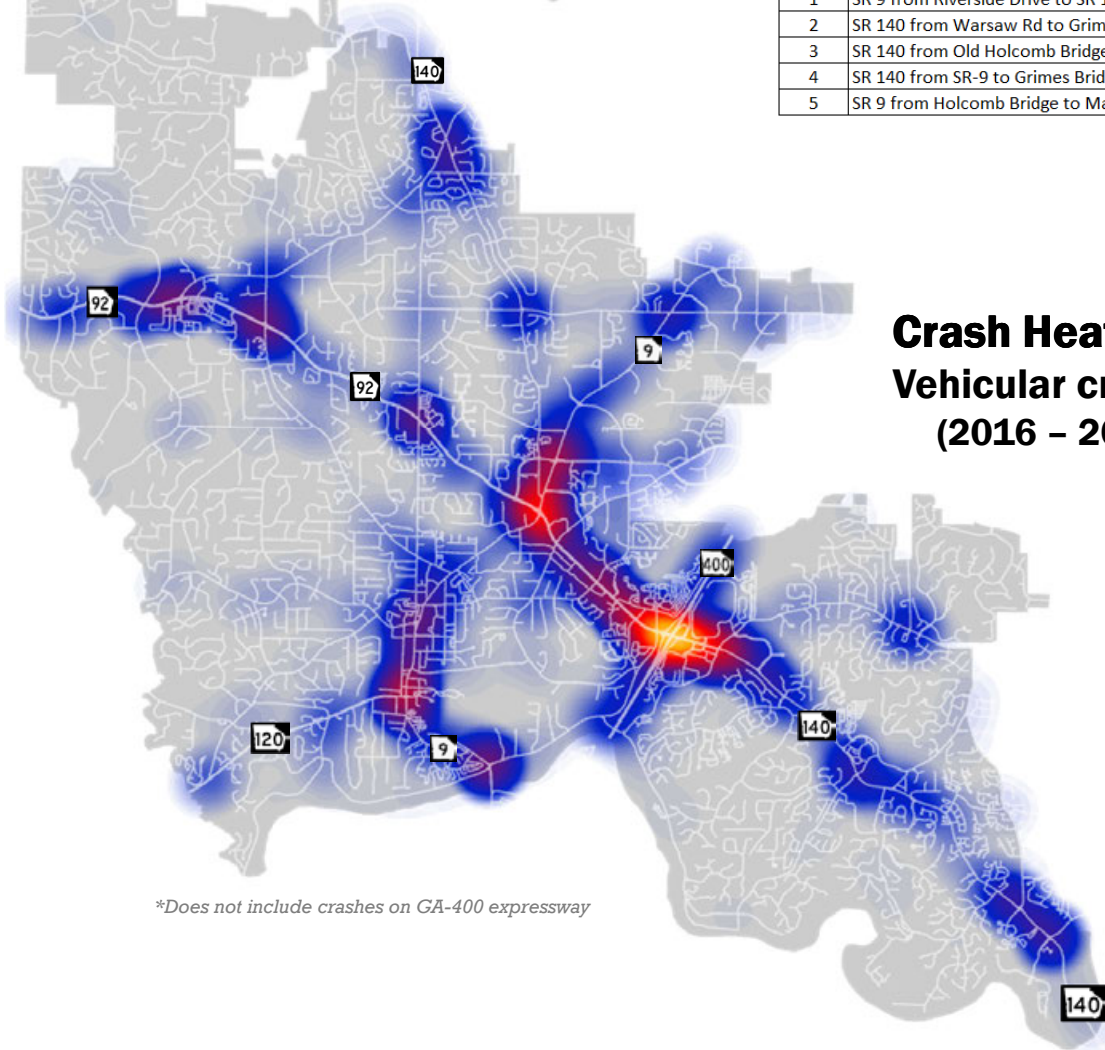


Top Vehicular Crash Locations (Intersections and Corridor segments)

Rank	Intersection	2021 # of Crashes
1	SR 140 at Northbound Ramp	66
2	SR 9 at SR 92 / SR 140 Holcomb Bridge Rd	61
3	SR 9 at Azalea Dr / Riverside Road	58
4	SR 140 Holcomb Bridge Rd at Warsaw Rd	50
5	SR 140 Holcomb Bridge Rd at Dogwood Rd	48

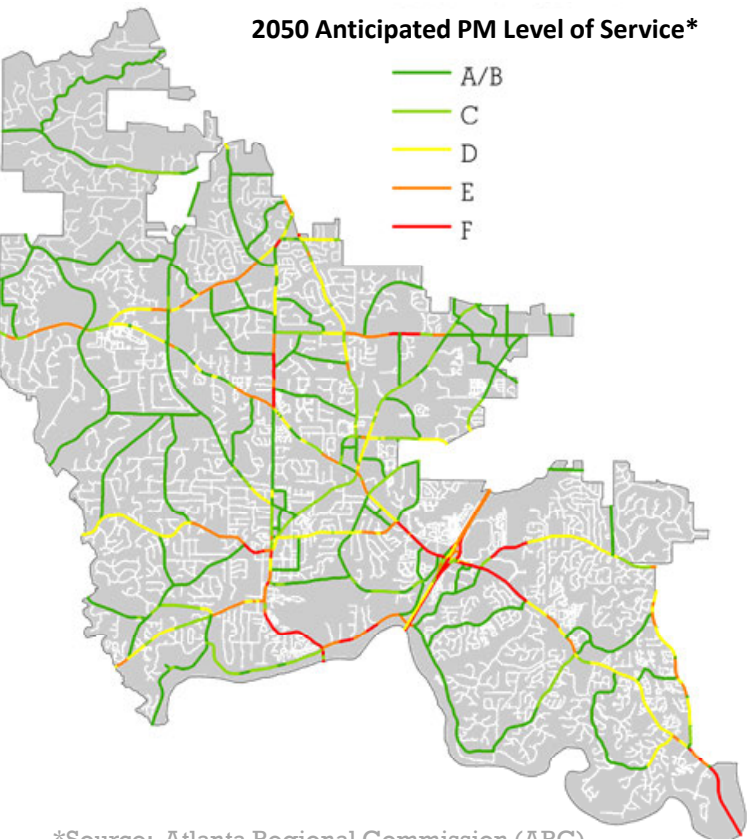
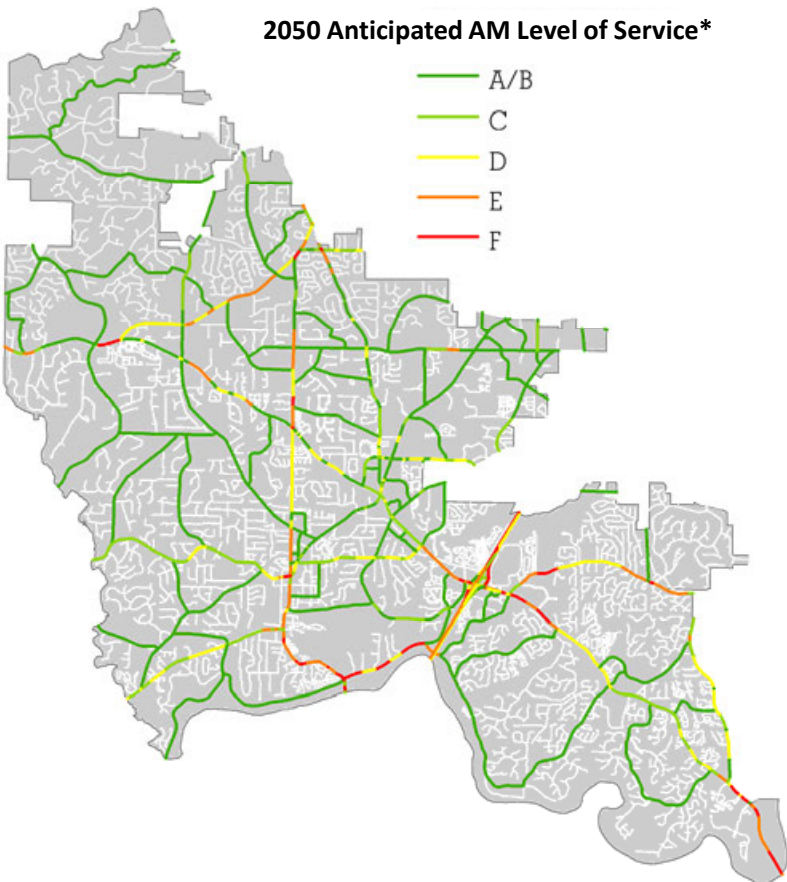
Rank	Corridor / "mid block" segments (between main intersections)	2021 # of Crashes
1	SR 9 from Riverside Drive to SR 120	37
2	SR 140 from Warsaw Rd to Grimes Brdg Rd	32
3	SR 140 from Old Holcomb Bridge to Warsaw	27
4	SR 140 from SR-9 to Grimes Bridge Rd	27
5	SR 9 from Holcomb Bridge to Mansell Rd	26

Crash Heat Map Vehicular crashes (2016 - 2021)



*Does not include crashes on GA-400 expressway

Station 1 PROJECTED CONDITIONS Future Level of Service



Morning and Evening Level of Service (LOS) ARC Travel Demand Model

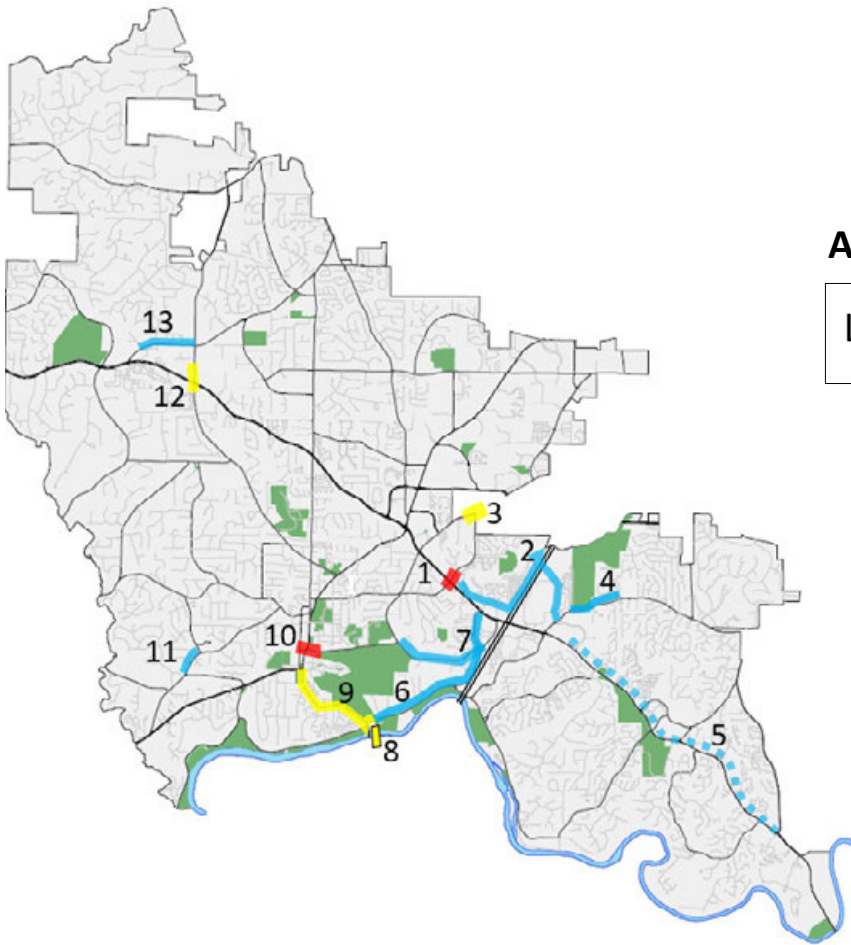
LEVEL OF SERVICE (LOS)

Atlanta Regional Commission's travel demand model (TDM) was used to determine the baseline conditions of roadway operations throughout Roswell. One of the outputs of the model is a computerized forecast of typical traffic conditions within the City. LOS is an indication of delay and is measured from "A" (best conditions) to "F" (worst conditions). The TDM is an estimation and does not fully represent the delay that drivers typically experience at intersections or congestion due to crashes.

A	Free flow, low traffic density	
B	Minimum delay, stable traffic flow	
C	Stable condition, movements somewhat restricted due to higher volumes, but not objectionable for motorists	
D	Movements more restricted, travel speeds begin to decline	
E	Traffic fills capacity of the roadway, vehicles are closely spaced, incidents can cause serious breakdown	
F	Forced flow with demand volumes greater than capacity resulting in breakdown in traffic flow	

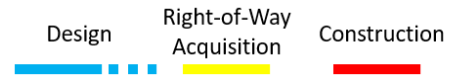
*Source: Atlanta Regional Commission (ARC)

Station 2 CURRENT PROJECTS



Active Projects (as of April 2022)

Legend

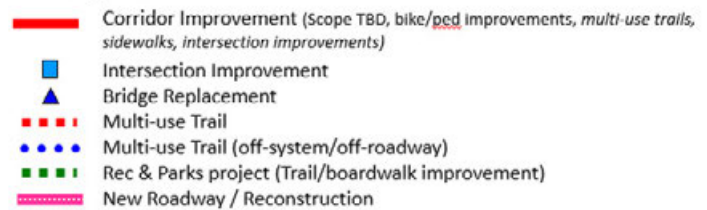


Project List (#'s randomly assigned – no priority)

1. Big Creek Parkway Phase 1 (Construction)
2. Big Creek Pkwy Phase 2 (Design)
3. Old Roswell Rd at Warsaw Rd (ROW)
4. Old Alabama Road Multi-use Trail (Design)
5. Holcomb Bridge Rd Median Islands (Design) Island Locations = TBD
6. Riverside Road Complete Street (Design)
7. Grimes Brdg Rd / Dogwood Rd Corridor Improvements (Design)
8. Chattahoochee River Pedestrian Bridge (ROW)
9. SR-9 Historic Gateway (GDOT acquiring ROW)
10. SR-9 at Oxbo Road Intersection (Construction)
11. Coleman Road Sidewalk (Design)
12. King Road / Woodstock Rd Turn Lanes (ROW)
13. Hardscrabble Road Multi-Use Trail (Design)

City of Roswell TSPLOST (2022-2027) Projects Map

Legend



Project List (letters randomly assigned)

- A. Riverside Road Complete Street
- B. Grimes Bridge Road / Dogwood Road Corridor Improvements
- C. Nesbit Ferry Road Corridor Improvements
- D. Pine Grove Road / Magnolia Drive Corridor Improvements
- E. Pine Grove Road Corridor Improvements (Lake Charles west to Cobb Co.)
- F. Old Ellis Road Extension (right-of-way)
- G. Big Creek Phase 2 Warsaw Extension
- H. Cox Road Intersection Improvements
- I. Norcross Street Bridge Replacement
- J. Old Alabama Road Multi-Use Trail (Market Blvd to Holcomb Woods Pkwy)
- K. Old Alabama Road Multi-Use Trail (Holcomb Woods Pkwy to Big Creek Park)
- L. Holcomb Bridge Road Multi-Use Trail (Eves Rd to Martin's Landing Dr)
- M. Holcomb Bridge Road Multi-Use Trail (Martin's Landing Dr to near Boston Market)
- N. Woodstock Road Multi-Use Trail
- O. River Eves Elementary School Multi-Use Trail
- P. Chattahoochee River Parks Multi-Use Trail rehab

Final project list approved by Mayor and Council at June 14, 2021.

Roswell's Strategic Goal: Improve Transportation to Benefit Roswell Residents

Station 3 GOAL SETTING AND FUNDING

Objectives for the Transportation Master Plan

Enhance mobility for Roswell residents

These types of investments are to prioritize projects to improve mobility for Roswell residents and promote alternative methods of travel.

Add Stickers here

Promote public safety

Projects would target areas identified as high accident roadways or intersections and seek to remedy the issue causing the problems.

Add Stickers here

Maintain existing assets and fund roadway maintenance

Proposed improvements replaces, restores, or improves an existing or aging asset (repaving, bridge replacement, etc.).

Add Stickers here

Prioritize needs of residents, neighborhoods, and businesses

Proposed improvements benefit our neighborhoods, activity centers, and commercial developments to enhance economic activity.

Add Stickers here

Preserve character of existing neighborhoods by incorporating traffic calming, landscaping, and lighting into transportation projects

Proposed improvements would include traffic calming and/or other beautification elements.

Add Stickers here

Enhance quality of life and community health

These types of projects include transit, bike, or pedestrian elements and may improve access to schools and parks. Projects would also target economically disadvantaged areas or high density census tracts.

Add Stickers here

Explore innovative technology

Projects would include new technology components that would benefit Roswell's transportation network.

Add Stickers here

Budgeting Exercise

Station 3 GOAL SETTING AND FUNDING

Tell us your transportation priorities
\$100 to spend (using ten \$10 bills)

5 categories to spend money on. How would you spend your money?

Network Improvements

Projects may include:

Mobility projects to reduce congestion for Roswell residents, relieve bottlenecks on key routes, improve traffic signal timing.

Safety Improvements

Projects may include:

New Lighting, traffic signal improvement, intersection improvements, new turn lanes, median islands, sight distance improvements.

Traffic Calming and Roadway Aesthetics

Project types include:

Traffic Calming features, narrower lanes, median islands.

Road & Bridge Maintenance

Projects may include:

Repaving roads, repair sidewalks, maintain or replace aging bridges, drainage improvements.

Bicycle and Pedestrian Improvements

Projects may include:

New sidewalks, multi-use trails, bike lanes, new pedestrian crossings, pedestrian crossing signals.
