

**FORSYTH COUNTY DEPARTMENT of ENGINEERING  
PROJECT NO. WID 0208-1, 0208-2, & 0208-3 – OLD ATLANTA ROAD  
(SHARON ROAD TO MCGINNIS FERRY ROAD)**

**PROJECT DESCRIPTION**

Projects WID 0208-1, 0208-2 and 0208-3 are proposed as a major roadway widening and reconstruction project to provide safety and operational improvements along Old Atlanta Road. Widening and adjusting the alignment and grade of the roadway is necessary to improve capacity, reduce traffic accidents and to accommodate a 45 mph design speed based on current design criteria. These improvements will create a safer and more efficient roadway for the traveling public. The project will extend from Sharon Road to McGinnis Ferry Road a distance of approximately 4.9 miles. Projects WID 0208-2 and 0208-3 will be constructed during Phase 1 of the project and will include the widening along Old Atlanta Road between Nichols Road and James Burgess Road as well as improvements to the intersections themselves. These intersections will be upgraded to include left and right turn lanes with upgraded signals. Project WID 0208-1 will be constructed during Phase 2 of the project and will include constructing the remainder of the widening along Old Atlanta Road from Sharon Road to Nichols Road and from James Burgess Road to McGinnis Ferry Road. Additional intersection improvements may also be required to meet traffic demand for future traffic volumes.

The existing facility will be widened from a two-lane rural section to four-lane divided road with a 20-foot raised median. The proposed improvements will include widening, in addition to horizontal and vertical realignment of the roadway at various locations along the project. The proposed typical section will provide two 12-foot travel lanes in each direction, a 20-foot raised median, improved shoulders, curb and gutter and sidewalks along specified roadway segments and additional turn lanes at major intersections. The outside edge of pavement will consist of an urban section throughout the project length along Old Atlanta Road. Specific dimensions describing the travel lane improvements are shown in the Typical Section display. The construction of the roadway will be completed under traffic with all current through lanes maintained during construction.

**Road Classification**                      Urban Collector

<b>Traffic Projection</b>	<u>Average Daily Volume</u>		
	<u>Location</u>	<u>2012</u>	<u>2032</u>
	Laurel Springs Pkwy to McGinnis Ferry Road	13,200	26,000
	Sharon Road to Laurel Springs Pkwy	19,000	34,400

**ROW Requirements**                      Existing: The existing right-of-way width varies throughout the length of the project.

Proposed: The right-of-way width required to construct Old

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Atlanta Road improvements will be 92 feet (typical), along with additional construction or drainage easements where necessary. Right-of-way will be 12 feet from edge of pavement where extra lane width is required for right turn lanes. The right-of-way required along the side streets will be a minimum of 60 feet. The project will affect approximately 160 parcels.

<b>Major Structures</b>	Two Box Culverts North of St. Marlo Country Club
<b>Utilities</b>	Forsyth County Transmission Lines – South of James Burgess Road to McGinnis Ferry Road Remaining Utilities to be determined
<b>Design Speed</b>	Old Atlanta Road (Mainline): 45 mph (desirable) Nichols Road: 45 mph James Burgess Road: 35 mph Cross Streets: Current Posted Speed
<b>Typical Section</b>	<u>Existing</u> : Old Atlanta Road is a two-way, two lane road with travel lanes 12 feet wide, with grassed shoulders and ditches.  <u>Proposed</u> : Roadway improvements will consist of widening to four twelve foot lanes with a 20 foot raised median, curb and gutter, sidewalks, a closed drainage system, and turn lanes at major intersections.
<b>Sidewalks</b>	Five-foot sidewalks will be included throughout the project route.
<b>Maximum Grade</b>	7% (Mainline) 10% (Side Streets)
<b>Maximum Superelevation</b>	4%
<b>Traffic Signalization</b>	Traffic signalization will remain at all existing signalized intersections with some modifications. Stop signs will be used for the side streets with no proposed traffic signalization.
<b>Access Control</b>	Access to the proposed roadway will be permitted for driveways located throughout the length of the project.
<b>Traffic Safety</b>	The proposed widening improvements will improve travel conditions along the route as traffic volumes increase. Horizontal

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improvements will also serve to reduce the severity and frequency of automobile accidents by improving sight distance and realigning sharp curves.

**Traffic Management**

The proposed project improvements will be constructed under traffic and the existing roadway will remain open to traffic.

**Environmental  
Concerns/Documentation**

Six historic resources were identified. Two resources may be adversely impacted. No archeology sites were found. Several streams and wetlands will have minor impacts with the project. A Corps of Engineers Pre-Construction Notification will be prepared.

**Level of Public Involvement** Public Information Open House