

Widening and Reconstruction of Carpenter Road (CR 75)

Project Number: STP00-0003-00(430)

P.I. NO. 0003430

Tift County

PROJECT DESCRIPTION

This project consists of the widening and reconstruction of Carpenter Road (CR 75) from approximately 0.15 mile north of the intersection of US 82/SR 520 and extending north approximately 2.5 miles to just north of the intersection of Davis Road (see project location map). Carpenter Road currently consists of one 12-foot lane in each direction with rural shoulders. Proposed plans would implement two 12-foot lanes in each direction, one 14-foot center turn lane, and a 5-foot sidewalk with curb and gutter on each side of the road. Right turn lanes would also be added on both approaches of the Carpenter Road/King Road intersection. Left turn lanes would also be provided for both legs of King Road at Carpenter Road and the existing signal would be upgraded.

Whiddon Mill Road would be realigned and widened, providing dedicated left turns in each direction, a dedicated right turn for the northbound, southbound, and eastbound approaches, an additional through right turn for the westbound approach, and an additional westbound through lane from Carpenter Road to the Mill Ridge subdivision entrance. The existing signal would be replaced and upgraded for the new lane configuration. Right turn lanes would be provided on Carpenter Road for the northbound approach to Rainwater Road. The right hand northbound lane would convert to a dedicated right turn lane at the approach to Davis Road. The proposed project would require additional right of way from the existing 100-foot corridor to a width varying to a maximum of approximately 188 feet. The total length of the project is approximately 2.5 miles.

The purpose of the Carpenter Road (CR 75) corridor improvements proposed for the segment extending from approximately 0.15 mile north of the intersection of US 82/SR 520 to the intersection of Davis Road is to:

- Alleviate traffic congestion; accommodate the need for mobility, access, and goods movement; and better accommodate future travel demand through the addition of travel lanes;
- Facilitate more efficient and safe operation of Carpenter Road through additional travel lanes and the addition of a turning lane to better manage traffic flow;
- Address unsafe driving conditions by improving the alignment at the Whiddon Mill Road intersection.

The proposed project would create a safer, more efficient transportation facility for the citizens of Tift County, while meeting the capacity demands of future volumes of traffic. It is anticipated that traffic would be maintained on the existing Carpenter Road by staged construction for the duration of this project. The speed limit along the corridor would remain 45 mph after the project is built.