Construct Roundabout at U.S. 158 and S.R. 1611 (Dorsey Road) Intersection

State Transportation Improvement Program Project No: HN-0015

Granville County

PROJECT DESCRIPTION

The N.C. Department of Transportation plans to build a roundabout where U.S. 158, U.S. 158 Business, and Dorsey Road meet in Granville County near the Vance County line. The purpose of the project is to reduce conflict points, create a safer experience for users, and streamline traffic flow.

This intersection has had a long history of crashes. During the past seven years, a total of 15 crashes occurred at this intersection, resulting in one fatality, nine non-fatal injuries, and five property damage crashes. Most were left turn and angle type crashes.

Roundabouts reduce serious crashes by slowing traffic and eliminating dangerous left turns while helping vehicles move more smoothly than traditional stop signs.

BENEFITS

The new design will make it easier and safer to access nearby homes, schools, and businesses, with drivers spending less time waiting at intersections. In addition, the design includes wider shoulders and a truck apron around the center island to allow large vehicles to safely navigate the roundabout.

PROJECT COSTS & SCHEDULE

ACTIVITY	COST	DATE
Right-of-Way Acquisition & Utility Relocation	$856,000	Fall 2026
Award for Construction Begins	$1,945,000	Fall 2027
Total Cost	$2,801,000	

Costs are estimates and subject to change

