

Waverly Road at Petigru Drive Intersection Improvements



Project Background

The South Carolina Department of Transportation (SCDOT) proposes intersection improvements at the Waverly Road (S-46) and Petigru Drive (S-450) in Georgetown County, SC. The purpose of this project is to improve safety and traffic operations through this intersection, based on recommendations from the engineering study. The current alignment of the intersection causes interrupted traffic flow and unsafe conditions.

Project Website

projectportal.scdot.gov/waverly-at-petigru-intersection

Project Schedule

Public Meeting – October 1, 2026

Right of Way – Spring 2027

Construction – Summer 2028

Project Impacts

The chart below shows a comparison between a roundabout option and an option with left-turn lanes on all approaches. This project is currently in preliminary design phase. This project is currently funded through GSATS (Grand Strand Area Transportation Study).

Waverly Road at Petigru Drive			
Design #1 - Roundabout		Design #2 - Alternative Alignment	
Preliminary Engineering	\$400,000.00	Preliminary Engineering	\$400,000.00
Right of Way	\$450,000.00	Right of Way	\$1,000,000.00
Construction	\$2,350,000.00	Construction	\$4,400,000.00
Total Estimated Cost	\$3,200,000.00	Total Estimated Cost	\$5,800,000.00
Conceptual Design		Conceptual Design	
Single lane roundabout with pedestrian crossings at every leg.		Dedicated left turn lanes on all approaches and realign Petigru Drive to remove offset. Stop signs to remain on the Petigru Drive approaches.	
Safety		Safety	
Injury crashes are expected to decrease by 88%. Conflict Points decrease to 8 from 32.		Injury crashes are expected to decrease by 50%. Conflict points remain the same at 32.	
Delay (seconds)		Delay (seconds)	
Waverly Road - Delay 10 seconds		Waverly Road - Delay 8 seconds	
Petigru Drive - Delay 8 seconds		Petigru Drive - Delay 69 seconds	
New Right of Way Clearing		New Right of Way Clearing	
0.4 Acre		1 Acre	
Relocations		Relocations	
No residential relocations		1-2 residential relocations with 1 commercial impact.	