

PROJECT UPDATE

Orlando St/Avon Ave/Westmont Rd Pilot Test

May 2022



Project Description

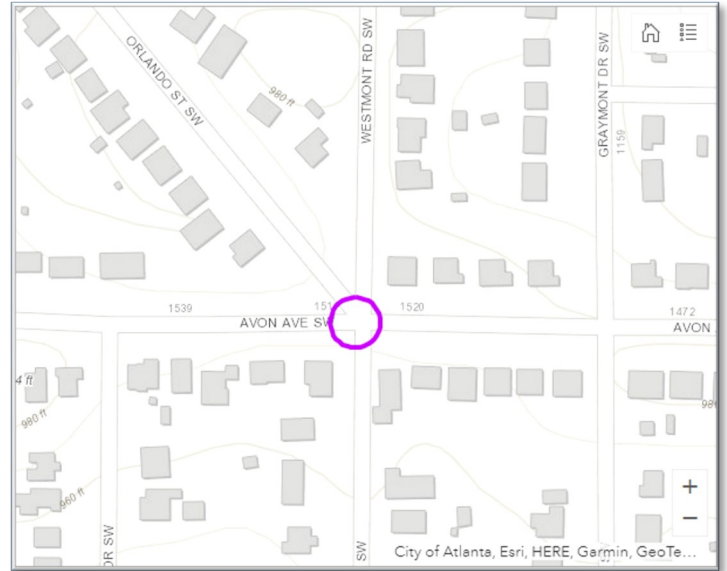
The City of Atlanta Department of Transportation (ATLDOT) has conducted pilot tests to determine the safest, most viable options for traffic signals and signage at the Orlando Street SW/Avon Avenue SW/Westmont Road SW intersection.

Location

The intersection of Orlando Street SW, Avon Avenue SW, and Westmont Road SW

Pilot Tests Performed

A pilot study began in Fall 2021 and was extended into Spring 2022 to assess potential safety impacts of replacing the existing traffic signal with all-way stop signs and a flashing red traffic signal. The viability of a full closure of Orlando Street at the Avon Avenue/Westmont Road intersection was also studied.



Results and Next Steps

- ⇒ Study results support the ATLDOT engineering team's original recommendation to replace the existing 3-section (red, yellow and green) signal with stop signs at the Orlando Street approach to Avon Avenue, the Avon Avenue eastbound and westbound intersection approaches, and the Westmont Road southbound and northbound intersection approaches. In addition, study data supports adding a one-section (all-red) flashing beacon signal not originally included in the project design.
- ⇒ Data revealed 95-98 percent compliance with the stop signs and flashing red signal during AM and PM peak hours. The study indicates improved safety impacts from traffic calming and sight distance visibility provided by the stop signs and flashing red signal.
- ⇒ No pedestrian issues were observed and no community complaints were reported within the study period.
- ⇒ Study data does not reveal any improved safety impacts from restricting access to Avon Avenue from Orlando Street. As a result, access to Orlando Street from Avon Avenue will remain open.
- ⇒ Based on study results, the project will proceed with the revised design for the all-way stop signage and all-red flashing beacon. Other safety improvements in the project will include:
 - ◇ Installation of stop bar on the Westmont Road southbound intersection approach.
 - ◇ Installation of ADA ramps for the existing crosswalk at Orlando Street.
 - ◇ Refreshing current crosswalk, stop bars, and double yellow line striping on all intersection approaches.
 - ◇ Removal of foliage and other obstructive landscape to provide safer intersection sight distance.
- ⇒ Final project plans for the Orlando Street SW/Avon Avenue SW/Westmont Road SW signal revisions are available on the ATLDOT website at: <https://atldot.atlantaga.gov/projects/traffic-combo-4>.