



LOCATION: TOWNSHIP OF LIVINGSTON

SPONSOR: ESSEX COUNTY

Walnut Street and West Hobart Gap Road Roundabout

Project Information

The Local Safety Program was established by the North Jersey Transportation Authority (NJTPA), in conjunction with the New Jersey Department of Transportation (NJDOT), to advance safety improvements on county and local roads within its region. Essex County is receiving Federal Highway Safety Improvement Program funds from the Federal Highway Administration through the Local Safety Program for a modern roundabout at the intersection of Walnut Street and West Hobart Gap Road.

This three-leg intersection is stop controlled on all approaches with skewed geometry. The proposed improvements include a modern roundabout to eliminate left-turn conflicts and speeds approaching the intersection. It will include advanced signage and pavement markings on all approaches.

A modern roundabout is an identified Federal Highway Administration proven safety countermeasure and the preferred safety alternative for intersections. Roundabouts have been shown to reduce fatal and severe crashes by as much as 82% at previous 2-way stop-controlled intersections. They are designed to improve safety for all users, including pedestrians and bicyclists, and can substantially reduce the types of crashes that result in fatal and serious injuries (such as right angle crashes). Design features include:

- Counterclockwise Flow: Traffic travels counterclockwise around a center island;
- Entry Yield Control: Vehicles entering the roundabout yield to traffic already circulating;
- Low Speed: Curvature produces lower vehicle speeds, generally 15-25 MPH, throughout the roundabout.

Current Project Schedule

Preliminary Engineering: **2018-2019**

Final Design: **2019-2021**

Anticipated Construction: **2022**

Anticipated Completion: **Summer 2023**

Contact Information

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