



LOCATION: BOROUGH OF MANVILLE

SPONSOR: SOMERSET COUNTY

Main Street (CR 533) Safety Improvements Between Kennedy Boulevard & Dukes Parkway

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. Somerset County is receiving a federally funded grant from the Federal Highway Administration (FHWA) for a safety improvement project through the Local Safety Program to address safety issues on Main Street (CR 533) in Manville.

Background

Main Street (CR 533) is located in the Borough of Manville in Somerset County. It is a north-south arterial of regional importance, connecting southern Somerset County with NJ 22 to the north. The cross section of the roadway varies from two to five lanes with parking in many locations and sidewalks throughout. Along the corridor, there are numerous small businesses, two large shopping centers with parking lots, and the Manville municipal offices. Main Street does not have NJ Transit bus service, but does have Somerset County bus service. Six of the 15 intersections are signalized; nine are unsignalized. Speed limits vary from 25 mph to 40 mph. Main Street is classified as an Urban Minor Arterial.

Project Purpose

To provide safety improvements along the 1-mile segment of Main Street between Dukes Parkway and Kennedy Boulevard, with a focus on pedestrian safety.

Project Need

In 2014, this segment of Main Street was ranked as the #1 highest pedestrian crash corridor in Somerset County. A Road Safety Audit conducted in 2015 identified specific problem areas.

Proposed Road Diet

A reduction in the number of travel lanes, commonly referred to as a road diet, is proposed to address the pedestrian safety needs on the Main Street corridor. A road diet will create a more consistent cross-section through the project area to better provide for all modes of travel. The resulting cross-section will result in a reduction in the number of travel lanes between Dukes Parkway and the Main Street Railroad Overpass near Brooks Boulevard.

The proposed configuration will maintain one travel lane in each direction, provide a center turn lane, and provide a physical median at appropriate locations. Curb extensions (bump-outs) will enhance visibility of pedestrians and shorten crossing distances. Medians will protect pedestrians at select crossing locations.

Road diets can help create a more community-focused, "Complete Streets," environment while improving safety along the corridor. Road diets have been identified as an FHWA proven safety countermeasure providing crash reductions that can range from 19 to 47 percent.



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Additional Benefits

Improvements to intersection geometry and adjustments to traffic signal timing will be included in the project. The proposed improvements will replace substandard pedestrian curb ramps and sidewalks to provide ADA compliance along Main Street. Curb extensions will be installed at crosswalks along Main Street to provide shorter crossings for pedestrians and to increase motorists' visibility of pedestrians.

Project Schedule

Preliminary Engineering: **2018-2019**

Final Design: **2019-2020**

Anticipated Construction: **2021**

Anticipated Completion: **Summer 2022**

Contact Information

For more information, please contact:

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