

Somerset County Safety Improvements, Main Street (CR 533)

Borough of Manville | Somerset County, NJ



Van Cleef provided Project Management and Construction Inspection for Safety Improvements to Main Street in the Borough of Manville. This County Road is a heavily traveled north-south urban minor arterial connecting the southern Somerset County municipalities with NJ Route 22 to the north. This is a busy commercial corridor with small businesses, two malls with large parking lots and the municipal offices. The project corridor is 1.5 miles long and includes 15 intersections beginning at Dukes Parkway (CR 608) to the north and ending at Kennedy Boulevard to the south. The existing cross section of the roadway varies between two and five lanes with parking on both sides in many sections of the corridor. Six (6) of the intersections are signalized.

The purpose of this project was provide safety improvements along the corridor with a focus on pedestrian safety. Improvements include curb extensions (bump outs) and median pedestrian islands to enhance visibility of pedestrians and shorten crossing distances, drainage improvements, new rectangular rapid flashing beacons (RRFBs), lighting improvements, and the replacement of six (6) traffic signals. Improvements to intersection geometry and adjustments to traffic signal timing will be included in the project. The improvements replaced substandard pedestrian curb ramps and sidewalks to provide ADA compliance along Main Street. The roadway was milled and paved at the and new striping and markings we installed.

The final striping configuration included a reduction in the number of travel lanes, commonly referred to as a road diet, between Dukes Parkway (CR 608) and Brooks Boulevard. This new configuration maintains one travel lane in each direction, provides a center turn lane, and a physical median with a new pedestrian crossing at Knopf Street. New crosswalks and on-street parking spaces were installed throughout the corridor.

CLIENT CONTACT

New Jersey
Department of Transportation
Engineering Department

PROJECT HIGHLIGHTS

- ✓ HMA Paving
- ✓ Roadway Repairs
- ✓ Road Safety Improvements
- ✓ 2" Mill & Pave
- ✓ 93 ADA Ramps
- ✓ Concrete Sidewalks & Red Bridge Pavers
- ✓ Road Diet