

"Urban was selected to provide a variety of planning services during this on-call assignment to help the New Jersey Department of Transportation increase and improve pedestrian and bicycle mobility."

Client: State of New Jersey - New Jersey
Department of Transportation

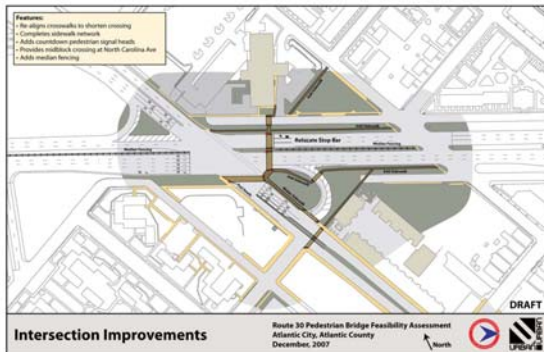
Urban Engineers (Urban) was selected to assist the New Jersey Department of Transportation (NJDOT), Office of Bicycle and Pedestrian Programs, achieve the goal of increasing and improving pedestrian and bicycle mobility and safety throughout the state. Under this three-year open-end task order contract, Urban executed the following:

HIGHLIGHTS:

- Data Collection
- Pedestrian Behavior Analysis
- Intersection Safety Audits
- Preliminary Engineering/Concept Development
- ADA Compliance
- Cost Estimates
- Consensus Building

Atlantic City and Route 30/North Carolina Intersection Pedestrian Investigation, Atlantic City, Atlantic County -

This intersection had high volumes of pedestrians who had no accommodation. Travel patterns and behavior were studied. Three pedestrian bridge alternatives were developed to assess feasibility, including location, design, cost, and impacts. A bridge was determined to not be a practical or feasible alternative, so Urban developed an at-grade intersection design concept and presented it to local agencies and stakeholders. This alternative is advancing through design.



Route 9 and West Avenue, Linwood Pedestrian Crossing Study, Atlantic County - Urban investigated options to accommodate pedestrian crossings at this unsignalized intersection, evaluated demand and geometry, and developed six alternatives.

Route 70 and Georgia Avenue, Cherry Hill, Camden County - Urban performed an intersection safety audit and reviewed existing signalization, geometry, traffic volumes, and pedestrian demand to develop recommended intersection improvements for pedestrian safety.

Hoes Lane, Piscataway, Middlesex County - Urban performed data collection and analysis to identify and assess existing pedestrian movements, which was then used to understand how pedestrians would be accommodated in the future design of Route 18.

Route 4 Broadway, Elmwood Park, Bergen County - Urban collected data and prepared an analysis to recommend pedestrian access improvements to nearby transit. Higher volumes and higher-speed conditions dictated the need for a higher level design for pedestrian crossing at an unsignalized location. Both at-grade and grade-separated alternatives were developed, with the at-grade alternative advancing. The solution includes curb extensions, highly visible crosswalks, and pedestrian scale lighting.