

Relevant Services:

- ADA Compliant Intersection Design
 - Compliant Curb Ramp Design including detectable warning surfaces
 - Pedestrian Signals and Pushbuttons
- Pedestrian Facilities Design
 - Curb and Sidewalk Design
 - Repair and New Installation
 - Compliant Curb Retrofitting
 - Buffer Zones (landscaping)
 - Pedestrian Scale Lighting
- Bicycle Facilities Design
 - Bike Parking Facilities
 - Bicycle Lanes/Boulevards
 - Cycle Tracks
 - Shared Use Paths
 - Bike Route Signage
 - Off-Road Bike Routes
- ITS and Traffic Signal Design
 - HAWK Signals
 - Flashing Beacons
 - Rapid Rectangular Flashing Beacons
 - In-Pavement LED Lighting
 - Radar Speed Displays/VMS
- MUTCD Signing and Striping Design
 - High Visibility Crosswalks
 - Shared Lane Markings
- Intersection Improvement Design
 - Drainage/SWM
 - High Visibility/Raised/Textured Crosswalks
 - Intersection Lighting
- Traffic Calming/Corridor Improvement Design
 - Complete Streets
 - Road Diets
 - Speed Tables
 - Pavement Markings and Stencils
- School Zone Design
 - Traffic Regulation Development
 - School Travel Plan Development
 - Traffic Calming Measures
 - Bicycle and Pedestrian Trails

Safe Routes to School Design Assistance Program

The SRTS infrastructure grant awarded to schools and municipalities around New Jersey shows community dedication and empowerment in making walking and bicycling to school in those communities a safe and routine activity. Michael Baker understands the time and effort it takes in encouraging community members to support SRTS initiatives and preparing a grant application to identify barriers and potential solutions. It is an exciting opportunity to be working with local communities to promote safe practices that enable more children, including those with disabilities, to walk and bike to school safely through infrastructure design improvements. Michael Baker is familiar with the latest design standards and will utilize innovative engineering methods to provide value-added solutions to meet and exceed the goals of awarded municipalities.

Design Guides that Michael Baker is familiar with and will utilize during performance of services include: *NACTO Urban Bikeway Design Guide*; *AASHTO Guide for the Development of Bicycle Facilities*; *FHWA Designing Sidewalks and Trails for Best Access*; *FHWA Manual on Uniform Traffic Control Devices*; *NJDOT Pedestrian and Bicycle Compatible Design Guidelines*; *NJDOT School Zone Design Guide*; *NJDOT Roadway Design Manual*; *NJ Safe Routes to School Engineering and Design Solutions*; and *US Access Board Public Right Of Way Accessibility Guide (PROWAG)*.



School Zone Crossing at Elementary School No. 6, Elizabeth, NJ