



NJDOT Approved
Safe Routes to School
Design Assistance
Program Consultant



Congratulations on being selected for a Safe Routes to School Grant!

Selection as a Safe Routes to School (SRTS) grant recipient is a significant achievement. Now the real work begins. Moving your project from a grant award to construction can be tricky, particularly if you are not familiar with the New Jersey Department of Transportation's (NJDOT) processes and federal requirements. NJDOT recognizes that project delivery can be challenging for recipients and has created the Design Assistance Program to help you navigate the state and federal hurdles. Moreover, NJDOT will provide funding for design if you use the Design Assistance Program.

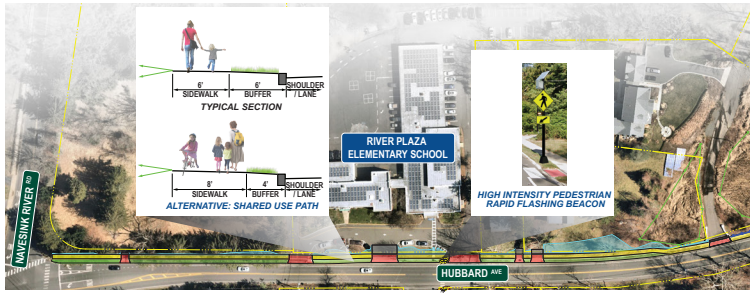
We encourage you to consider the Design Assistance Program for your project. It will save you money and help you avoid delivery pitfalls. GPI has been an NJDOT prequalified Design Assistance firm for the previous two Safe Routes to Schools Programs as well as for the Transportation Alternatives Programs. We have the optimal blend of engineering and management experience to navigate your project from the start of design to authorization of the construction funding.

The staff at GPI is well acquainted with the federal SRTS process and has worked with the personnel of the NJDOT Division of Local Aid and Economic Development on numerous occasions to advance projects of all types through design and construction. GPI is currently delivering 19 projects as part of NJDOT's Design Assistance Program.

GPI's Experience Includes:

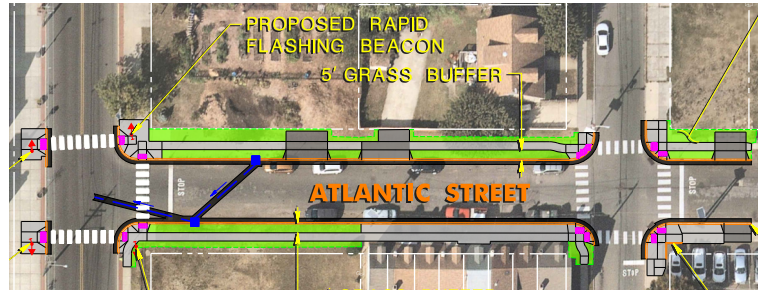
- Ped and Bicyclist Safety Improvements
- Complete Streets Design
- NJDOT Local Project Delivery Process
- ADA Accommodation
- Trail Design
- Historic Districts and Structures
- Waterfront Trails / Walkways
- Compliance with All Applicable State and Federal Laws, Rules and Regulations as well as Federal, NJDOT and Recognized Industry Design Standards
- Environmental Permitting
- NJDOT Stakeholder and Community Involvement Requirements (Virtual and In-person)
- Utility Coordination
- Signalized and Unsignalized Intersection Design
- Structural Design and Rehabilitation
- Railroad Coordination
- Stormwater Management
- Green Infrastructure

Safe Routes to School Project Experience Examples



Hubbard Avenue Pedestrian Improvements

Client: Middletown Township - GPI is providing Design Assistance Services as part of a 2018 SRTS grant to improve safety and encourage walking to River Plaza Elementary School. The project objectives are to increase the sidewalk and buffer width along the eastern side of Hubbard Avenue and reconstruct existing sidewalk to meet ADA standards. Improvements include the crossing of Shadow Lake Dam. Driveway aprons will be reconstructed where impacted. Existing crosswalks within the project limits will be upgraded and equipped with Rectangular Rapid Flashing Beacons.



Gloucester City Middle School Pedestrian Safety

Client: Gloucester City - GPI provided Design Assistance Services to address pedestrian mobility and safety deficiencies in the vicinity of Gloucester City Middle School. The project addresses drainage issues, pedestrian visibility and curb ramp deficiencies. Improvements include:

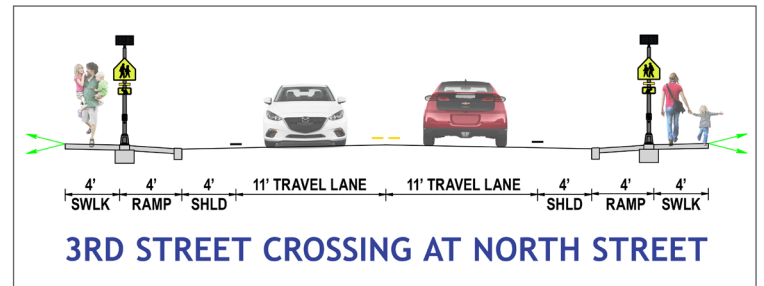
- Rapid Flashing Beacon Warning Signs
- High Visibility Crosswalks
- Curb Ramp Upgrades
- New Sidewalks and Curbs
- Brick Imprinted Crosswalks



Netcong Elementary School Safety Improvements

Client: Netcong Borough - GPI provided Design Assistance Services to address pedestrian mobility and safety deficiencies for children walking to and from Netcong Elementary School. The project addresses drainage issues, pedestrian visibility and curb ramp deficiencies. Improvements include:

- New Sidewalks and Curbs
- High Visibility Crosswalks
- Rapid Flashing Beacon Warning Signs
- Radar Actuated Speed Limit Feedback Signs
- Speed Tables
- High Visibility Crosswalks
- Curb Ramp Upgrades



Sooy Elementary School Sidewalk and Pedestrian Safety Improvements

Client: Town of Hammonton



Downtown Connection Pedestrian Improvements

Client: High Bridge Borough

GPI has been selected to provide Design Assistance for these additional Safe Routes to School projects:

- Chatham Township - Shunpike Road Sidewalk Installation and Reconstruction (2 projects)
- City of Long Branch - Prospect and John Streets Pedestrian Safety Improvements
- Highlands Borough - Highlands Safe Routes to School Phase 1 Pedestrian Safety Improvements



Other Pedestrian, Bicyclist, and Motorist Safety Experience



Scooter Corner Roundabout, Millstone Township

Client: Monmouth County - GPI provided design services to Monmouth County to install a roundabout at a five-legged intersection of Monmouth County Route 524, Stage Coach Road; County Route 571, Millstone Road; and Paint Island Spring Road in Millstone Township. GPI performed a comprehensive traffic study and analysis, and prepared full roundabout design, including contract bid documents.



Jersey City Local Safety Program

Client: North Jersey Transportation Planning Authority - GPI is currently providing design services for the installation, upgrade, or revision of over 50 signalized intersections along with minor roadway and sidewalk improvements all within Jersey City, Hudson County. Upgrades include:

- ADA Curbs and Sidewalks
- Pedestrian Bump Outs
- High Visibility Crosswalks
- Signage
- Bus Stops



Haddon Avenue Complete Streets Project, City of Camden

Client: Camden County - GPI completed concept development and is currently performing design of the reconstruction of Haddon Avenue from Euclid Avenue to Newton Avenue in the City of Camden. Pedestrian and bicycle safety is a major objective of this project. Pedestrian Safety Improvements include:

- Widened Sidewalks
- Improved Pedestrian Lighting at Intersections
- High Visibility Crosswalks
- Pedestrian Signal Upgrades
- Bump Outs
- ADA Compliant Curb Ramps
- Bus Stop Improvements



Streetscape and Traffic Calming Improvements, Maplewood Township

Client: Maplewood Township - GPI prepared contract documents for streetscape improvements and traffic calming measures to better facilitate pedestrian and vehicular movement. Streetscape work included decorative traffic signal and lighting standards and arms, brick pavers, and other context sensitive solutions.



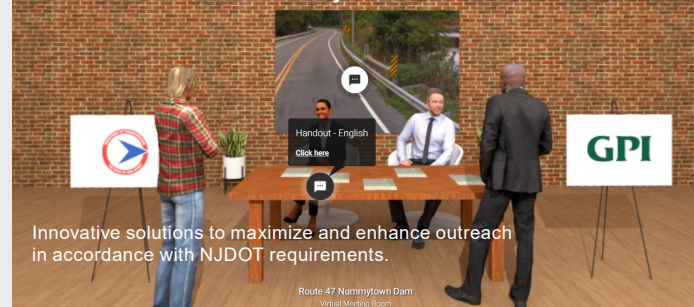
Tunnel to Trail Feasibility Study, East Brady Tunnel, PA

Client: Allegheny Valley Land Trust - GPI team member AGES conducted a geotechnical investigation to determine the feasibility of using this former rail tunnel for a multiuse trail. Options for stabilization and repair were developed. GPI's structural evaluation and design expertise complements AGES' geotechnical expertise.

GPI provides effective public outreach strategies and techniques to engage traditionally underserved populations and promote equity.

- In-Person and Virtual Public Meetings
- Real-Time Polling
- Translation Services
- Virtual Meeting Rooms
- Project Visualizations

Welcome to the Route 47 Nummytown Dam Public Information Center



Innovative solutions to maximize and enhance outreach in accordance with NJDOT requirements.

Other NJDOT Design Assistance Project Experience Examples



Spruce Street Gateway Streetscape Project - Phase 1, City of Paterson

Client: Passaic County - GPI is performing Preliminary Engineering and Final Design for this project in the Great Falls Historic District. Work includes pedestrian improvements and streetscape amenities along Spruce Street as well as the replacement of traffic signals at the McBride Avenue intersection and Market Street intersection. Improvements will also be made to the historic Middle Raceway Structure.



Historic Main Street Revitalization Streetscape

Client: Town of Boonton - GPI is performing Preliminary Engineering and Final Design of Streetscape and Pedestrian Safety Improvements along Main Street between Liberty Street and Division Street. Work includes crosswalk restriping, sidewalk and curb replacement, rapid flashing beacons, ADA compliant curb ramps and signal upgrades, pedestrian bump-outs, street furniture, decorative lighting, and bicycle safe grates.



Camden County Parks Trail, Cherry Hill Township

Client: Camden County - GPI has completed Preliminary Engineering for the Grove Street Trail Connector Project. The project will reconstruct and widen an existing trail that runs through the county park adjacent to the Cooper River and provide for a safer crossing of Grove Street through the use of median island extensions and installation of Rectangular Rapid Flashing Beacons.



Lawrence-Hopewell Trail

Client: Hopewell Township - GPI has completed Preliminary Engineering for the construction of a new one-mile long Mount Rose Segment of the Lawrence-Hopewell Trail. Project traverses freshwater wetlands and requires significant permitting. Project also provides for installation of flashing beacon signs at a road crossing.

GPI's Project Manager



Dale Foster, PE, CME

Mr. Foster has over 40 years experience delivering a wide array of local transportation projects utilizing NJDOT federal and state grant funding and is currently managing Transportation Alternatives projects for numerous clients. Mr. Foster served as County Engineer for Cape May County for 25 years. His work has included preliminary engineering and final design of roadway, bridges, streetscapes, and bikeways. Mr. Foster has significant experience in implementing ADA upgrades and managing projects that included complex right-of-way acquisition, utility coordination, and environmental permitting.



As an extra level of quality and support, GPI's **Dave Kuhn, PE** will facilitate delivery of your project.

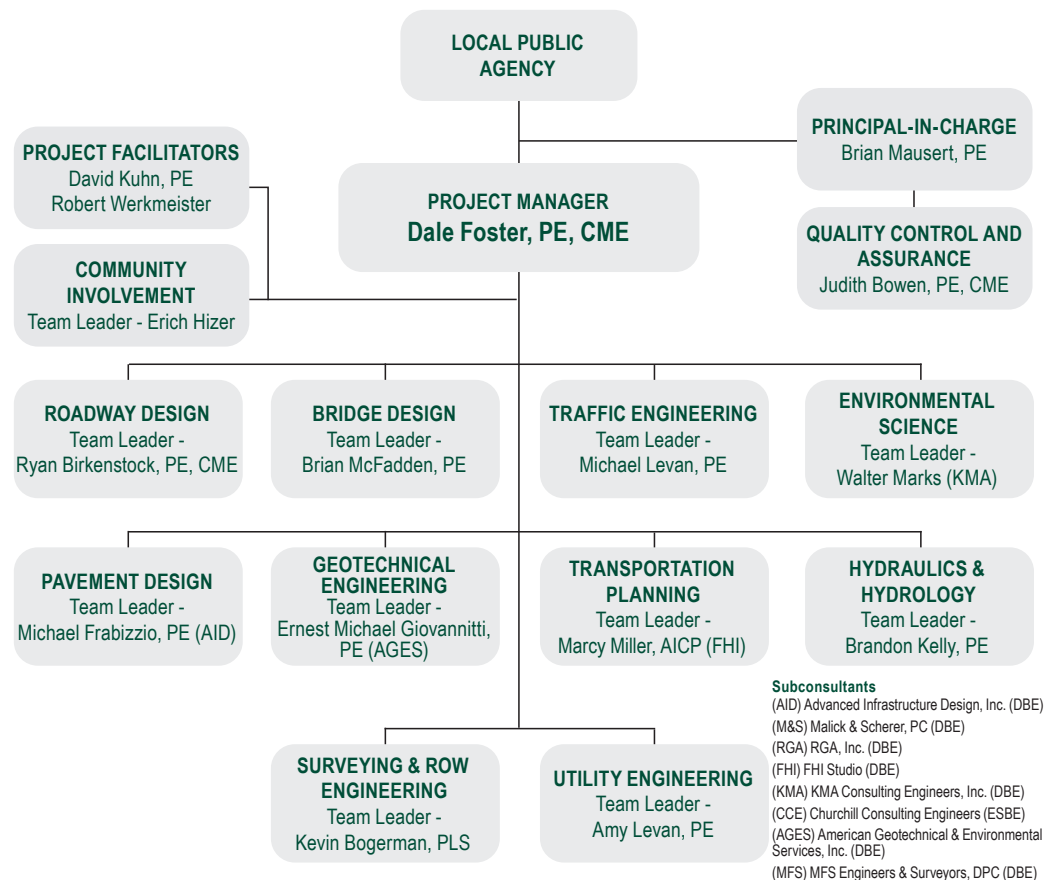
Mr. Kuhn has 30

years of experience with NJDOT where he served as Director of the Division of Local Aid and Assistant Commissioner for Planning and Grant Administration. His knowledge of the federal-aid delivery process is invaluable. He is well versed in the review and coordination of planning, design, and construction and is readily available to assist grant recipients in navigating the NJDOT contracting and delivery process.

From streetscape improvements to trails, GPI understands how to deliver these projects in conformance with the NJDOT required delivery process and ensure that all federal requirements are met. Our experience also includes projects in urban and rural areas across the state:

- Boonton Town - Main Street Streetscape
- Camden County - Grove Street Trail
- Roxbury Township - Main Street Streetscape
- Brigantine - Lighthouse District Streetscape
- Hopewell Township - Lawrence-Hopewell Trail
- Passaic County - Spruce Street Gateway Phase 1
- Cumberland County/Downe Twp - Newport Streetscape Improvement
- Marlboro Township - Route 79 Sidewalk Extension
- Monmouth County - Henry Hudson Trail Extension
- Carteret Borough - Pedestrian and Cyclist Waterfront Access Improvement Plan
- Red Bank Borough - Shrewsbury Avenue Streetscape

Organizational Chart - The GPI Team



For more information, please contact:

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Local Offices:

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