has the experience and resources to help deliver your **2024 SAFE ROUTES TO SCHOOL DESIGN ASSISTANCE PROGRAM** projects.

WSP USA Inc. (WSP) is one of the world's leading engineering professional services consulting firms and has been a leader in the transportation industry for over 130 years – committed to improving New Jersey's transportation infrastructure through comprehensive planning and innovative engineering design.

Our registered professional planners, engineers, and environmental scientists contribute state-of-the-art knowledge of federal, state, and municipal regulations, design standards, policy planning and practices representing all the disciplines involved in transportation project development.

Strategic Consulting Services

WSP brings extensive knowledge of New Jersey's transportation infrastructure and travel needs, learned first-hand through numerous assignments for the following agencies and organizations:

State's Agencies

- NJDOT
- NJTA
- NJ TRANSIT

Metropolitan Planning Organizations

- NJTPA North Jersey Transportation Planning Authority
- DVRPC Delaware Valley Regional Planning Commission
- SJTPO South Jersey Transportation Planning Organization

County Agencies

- Atlantic
- Bergen
- Burlington
- Cape May
- Essex
- Mercer
- Monmouth
- Passaic
- Somerset
- Union
- Warren

Local Municipalities

- Borough of Oakland
- City of Garfield
- City of Jersey City
- City of Newark
- Fair Haven
- Franklin
- Princeton
- Somers Point

600+
Professional, technical and administrative staff across our NJ offices

- TRANSPORTATION & INFRASTRUCTURE
- PROPERTY & BUILDINGS
- FEDERAL PROGRAMS
- WATER
- CLIMATE, RESILIENCE & SUSTAINABILITY
- EARTH & ENVIRONMENT
- PROGRAM & CONSTRUCTION MANAGEMENT
- ADVISORY SERVICES
- ENERGY

Our Team

WSP will be the prime consultant for the 2024 Safe Routes to School Design Assistance Program (2024 SRTS) projects that the team is selected for, by the local municipalities. Our subconsultants are ESBE-certified whose involvement on this assignment will allow us to meet or exceed the 10% ESBE participation goal.

10% ESBE Goal

KMA Consulting Engineers, Inc.	**KMA Consulting Engineers, Inc.** Subsurface Utility Engineering	**ESBE**
RGA Richard Grubb & Associates	**Richard Grubb and Associates, Inc.** Cultural resources surveys and associated efforts	**SBE/WBE**
M&S Malick & Scherer	**Malick & Scherer, P.C.** Environmental support services	**ESBE**
PEi Prestige Environmental	**Prestige Environmental, Inc.** Hazardous Waste	**ESBE**

WSP Knows What It Takes ...

- We have experience providing services to local municipalities under **NJDOT's Safe Route to School (SRTS) Program**.
- Since 2013, WSP successfully completed **eleven (11) Local Safety and High-Risk Rural Roads Program (LS&HRRR)** projects and are currently working on four **(4) projects in Preliminary Engineering** and four **(4) projects in Final Design**.
- We understand the needs, expectations and requirements of the **LPA**, **sub-regions**, and **NJDOT Local Aid**.
- We have a committed staff of engineers, planners and environmental specialists with similar experience
- We have a **depth of resources in New Jersey** and the surrounding states that can provide the services needed under this contract.

Congratulations on being selected for a Safe Routes to School Grant. One of WSP's core strategic pillars is to use our global reach to maximize our ability to contribute locally where we live and work. WSP is eager to be your trusted partner, and team with you to bring your planned improvements to fruition.

PROJECT MANAGER

Michael Dunn, PE

t 973.407.1525 e michael.dunn@wsp.com

Mike will serve as the Project Manager (PM) for the 2024 SRTS assignments. Mike has 27 years of technical and management experience in transportation engineering delivering projects in areas such as concept development / feasibility studies, preliminary engineering, final designs, and construction engineering services for numerous public and private clients. These clients include New Jersey Department of Transportation (NJDOT), New Jersey Turnpike Authority (NJTA), the South Jersey Transportation Authority (SJTA), the Port Authority of New York and New Jersey (PANYNJ), Delaware River Joint Toll Bridge Commission (DRJTBC), Somerset County and Passaic County, New Jersey, Pennsylvania Turnpike Authority, PennDOT, and other agencies. He has led routine and complex assignments that include major roadway widening and bridge reconstruction and rehabilitation; corridor widening; major interchange design & construction; bridge replacement; safety improvements including intersection reconstruction; and drainage improvements.

BRIDGE DESIGN LEAD / DEPUTY PM

Anand Patel, PE

t 609.512.3485 e anand.patel@wsp.com

Anand is a highly experienced bridge engineer with over two decades of experience in interchange projects, bridge inspection, rating, design, and construction. He has strong emphasis on environmental considerations and compliance with NEPA requirements and obtaining permit documents. His expertise includes inspection; load rating and rehabilitation of various bridges; design of vehicular, rail, and pedestrian bridges; design of permanent and temporary retaining wall systems; cantilever and anchored bulkhead design using steel and structural timber; analysis and design of overhead sign structures; anchorage design for light pole and strain pole type structures; design of utility bracket supports for existing and proposed utilities across various bridges; jacking design of various types of bridges; and structural design of lifting systems for various bridges.

Similar Project Experience

PROJECT NAME	Survey / Mapping / ROW	Traffic Calming, Curb Extensions, Median Islands	Utility Coordination	ADA Compliance	Traffic Signals, Signing & Striping	Bicycle Facilities	Public Outreach	NJDOT Local Aid Project
Princeton Two Intersections, Safe Routes to Schools Program Municipality of Princeton	●	●	●	●	●	●	●	●
Garfield School Safety Project – Abraham Lincoln School & Christopher Columbus School City of Garfield	●	●	●	●	●		●	●
Oakland School Safety Project – Safe Routes to School Program Borough of Oakland	●		●	●	●		●	●
Cape May Bikeway Expansion, Safe Routes to Schools City of Cape May	●		●	●	●	●	●	●
Delaware River Heritage Trail, Route 130 Bypass Burlington County	●		●		●	●	●	●
Dr. Martin Luther King Jr. Drive Safety Improvements City of Jersey City	●	●	●	●	●	●	●	●
Montgomery Street Safety Improvements City of Jersey City	●	●	●	●	●	●	●	●
McGinley Square Safety Improvements Phases I & II City of Jersey City	●	●	●	●	●	●	●	●
Dr. Martin Luther King Jr. & 7th Avenue/Crane Street Safety Improvements City of Newark	●	●	●	●	●	●		●
Broad Street at South Street, Tichenor Street and Lincoln Park Safety Improvements City of Newark	●	●	●	●	●	●		●
Memorial Drive (CR 40A) Safety Improvements between SR 33 & Monroe Ave Monmouth County	●	●	●	●	●	●		●
Broad Street & South Street Pedestrian Safety Improvements City of Newark	●	●	●	●	●	●		●
Union County East Broad Street (CR 509) & Elm Street Intersection Improvements Union County	●	●	●	●	●	●		●
Main Avenue (CR 601) Intersection Improvements Passaic County	●	●	●	●	●	●		●

Project Experience

Delaware River Heritage Trail, Route 130 Bypass

Burlington County, NJ

- Geometric design
- Bicycle and Pedestrian accommodations review, facility assessment
- Utility relocations
- Drainage Design, Stormwater Management
- Access Design and ROW Engineering
- New grade crossing over NJT River Line tracks
- Landscaping design
- Structural design of new pedestrian bridge and retrofit of existing bridge for pedestrian use
- Retaining wall and foundation design
- Environmental documentation (CED) and permitting

FUNDING PROGRAM

- Transportation Alternatives Program (TAP)

Various Safe Routes to Schools Projects

Harrison St & Franklin St (Princeton) • Main Street (Metuchen)

- Sidewalk improvements including ADA curb ramp design
- Traffic signal design
- Highway lighting
- Traffic calming devices, such as flashing crossing beacons and speed tables
- Utility coordination
- Identification of potential ROW acquisitions and easements
- Preparation of final plans, specifications, engineers estimate and construction schedule

FUNDING PROGRAM

- Safe Routes to Schools Program (SRTS)

McGinley Square Safety Improvements Phases I & II

Jersey City, NJ

- New and upgraded countdown signals
- New ADA-compliant ramps
- New curbing and sidewalk
- Signing and striping, including high visibility crosswalks and bus stop markings
- Pedestrian refuge island
- Traffic signal modifications
- Milling and resurfacing

FUNDING PROGRAM

- Local Safety Program (LSP)

Port of Camden Access and Infrastructure Resiliency Project

Monmouth County, NJ

- Sewer/Sanitary separation and roadway drainage
- Streetscaping and traffic calming measures
- New street and pedestrian level lighting with ADA-compliant crosswalks, sidewalks and curb ramps
- Traffic signal design
- Innovative construction staging
- NEPA documents, SHPO coordination
- Acess and ROW engineering
- Utility relocation
- Coordination with stakeholders

FUNDING PROGRAM

- Maritime Administration FY 2022 Port Infrastructure Development Grant

Broad Street Phase 1 Pedestrian Safety Improvements

Newark, NJ

- Re-striping of Broad Street for new opposing left-turn lanes
- New curb extensions to reduce pedestrian travel distance across Broad Street
- Replacing existing traffic and pedestrian countdown signals
- New ADA-compliant curb ramps and crosswalks
- Streetscaped Median Island
- Reconstruction of brick paver sidewalks and curbing
- Milling and resurfacing
- Highway lighting
- Minor drainage improvements

FUNDING PROGRAM

- Local Safety Program (LSP)

Dr. Martin Luther King Jr. Drive

Jersey City, NJ

- New curb extensions to reduce pedestrian travel distance across Broad Street
- Replacing existing traffic and pedestrian countdown signals
- New ADA-compliant curb ramps and crosswalks
- Reconstruction of concrete sidewalks and curbing
- Milling and resurfacing
- Minor drainage improvements
- Railroad at-grade crossing
- Stakeholder coordination
- Public Info Center (PIC)

FUNDING PROGRAM

- Local Safety Program (LSP)