

New Jersey Department of Transportation

TA Set Aside 2023 Design Assistance Program

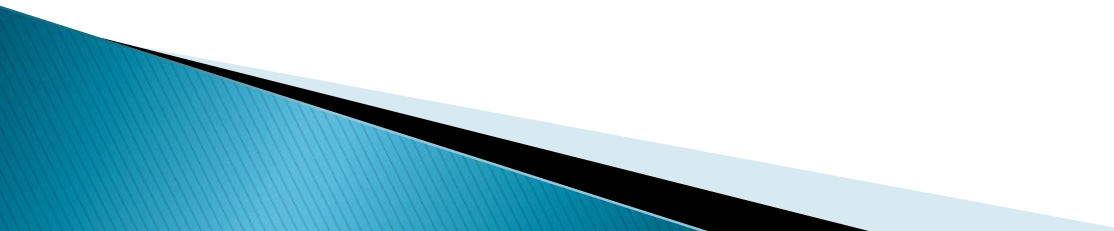
Local Aid and Economic Development
December 2023

Presented By: Julie Seaman
Division of Local Aid and Economic Development

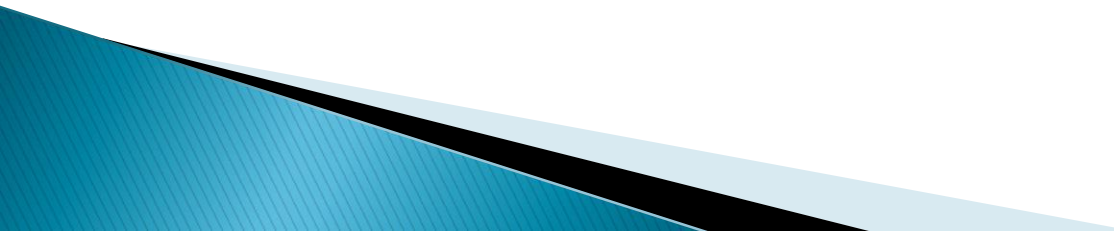
Background Information– FHWA's Every Day Counts

- ▶ FHWA initiative launched in 2009
- ▶ An effort to bring a better, faster, and smarter approach to highway and bridge construction
- ▶ Currently in 7th round of EDC (2023–2024)
 - EDC–2 (2013–2014)
 - EDC– (2011– 2012)
- ▶ EDC–2 promoted a three prong strategy to help local public agencies
- ▶ <https://www.fhwa.dot.gov/innovation/everydaycounts>

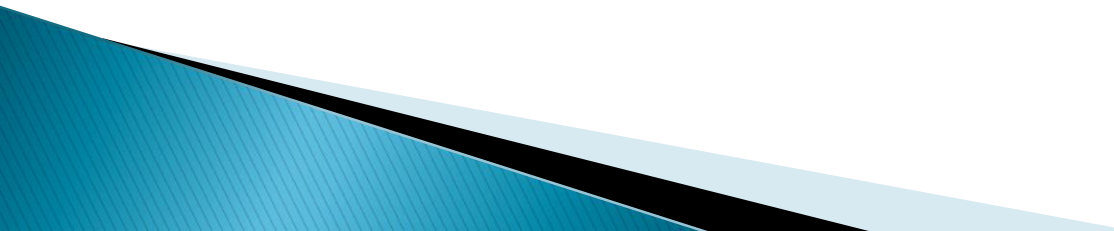
EDC 2–Locally Administered Projects Three Pronged Strategy

- ▶ LPA Certification/Qualification Programs
 - ▶ Flexibility in Consultant Services
 - ▶ Stakeholder Partnering
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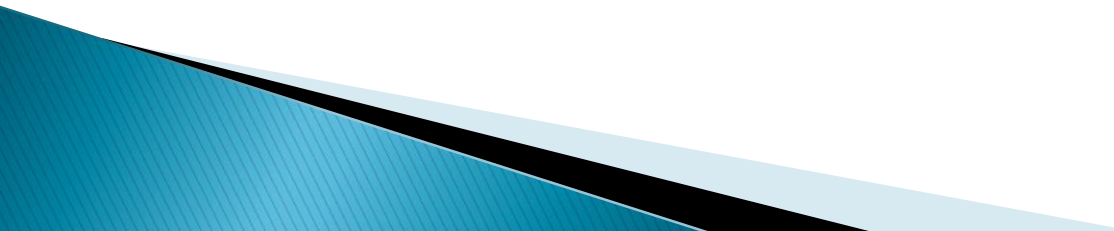
Procurement of Professional Services for Federal Aid Projects

- ▶ Brooks Act – Qualifications Based Selection (QBS) process. Based on qualifications and experience, not cost.
 - Approved written procurement policies and procedures
 - Solicitation, evaluation, ranking, and selection
 - Negotiation of fee proposal and contract terms
 - Monitoring of consultant's work
 - Evaluation of consultant's performance at contract completion
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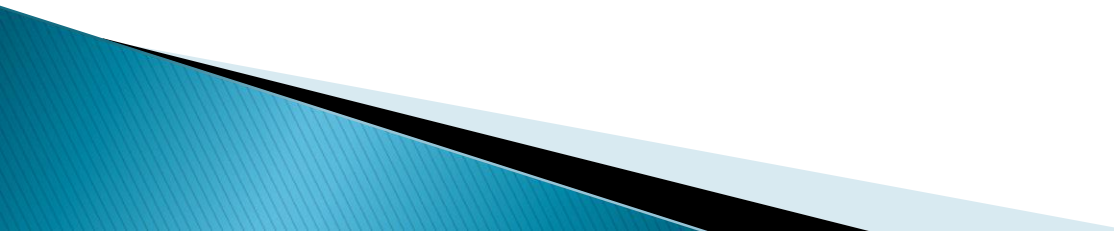
TA Set Aside Design Assistance Program– Establish Consultant Pool

- ▶ NJDOT issues RFP using NJDOT procurement process and prequalified consultants
 - ▶ NJDOT evaluates, ranks, and selects a pool of qualified design consultants. Current pool includes:
 - Greenman–Pederson, Inc.
 - McCormick Taylor, Inc.
 - Michael Baker International, Inc.
 - NV5, Inc.
 - STV
- 

TA Set Aside Design Assistance Program– Consultant Selection & Negotiation

- ▶ LPA selects a design consultant from the pool
 - ▶ LPA contacts NJDOT to schedule initial meeting
 - ▶ NJDOT, LPA and consultant develop SOW based on TAP grant application
 - ▶ NJDOT prepares independent cost estimate
 - ▶ Consultant prepares and submits fee proposal and certified payroll roster to the NJDOT and LPA
 - ▶ LPA and NJDOT negotiates final proposal with consultant
 - ▶ NJDOT authorizes federal-aid funds for design
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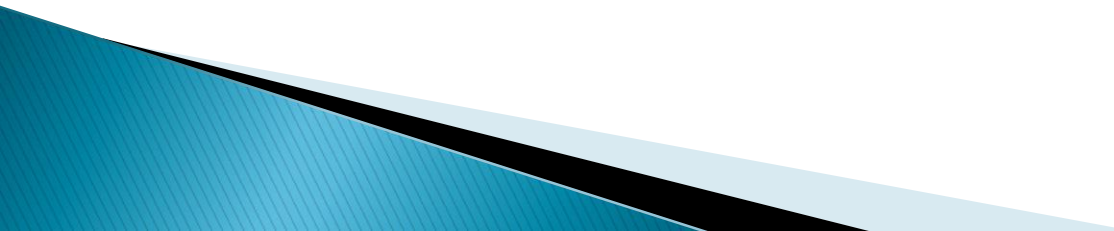
TA Set Aside Design Assistance Program Consultant Contract Administration

- ▶ LPA executes agreement with consultant for work to be performed
 - ▶ NJDOT executes Federal-aid agreement with LPA for reimbursement of funds
 - ▶ LPA submits payment vouchers. NJDOT provides funds on a reimbursement basis
 - ▶ LPA monitors consultant's work, and evaluates performance at contract completion
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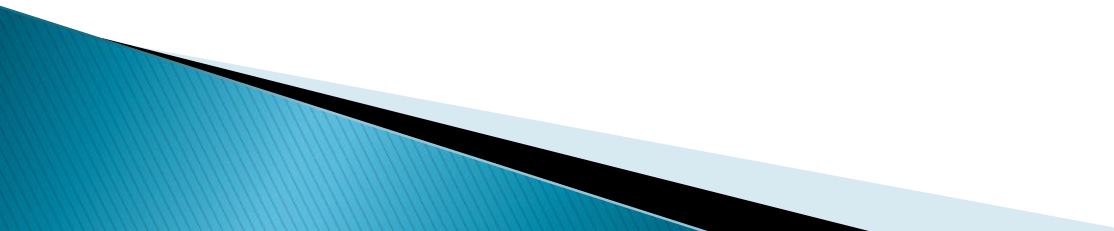
Judgement Factors

- ▶ <http://www.state.nj.us/transportation/business/procurement/ProfServ/ConsulSelections/>
 - CES Rating
 - Complexity
 - Key Staff
 - Project Approach
 - Project Manager
 - Proximity of the Firm
 - Relevent Experience
 - Workload
 - Audit Non-Compliance

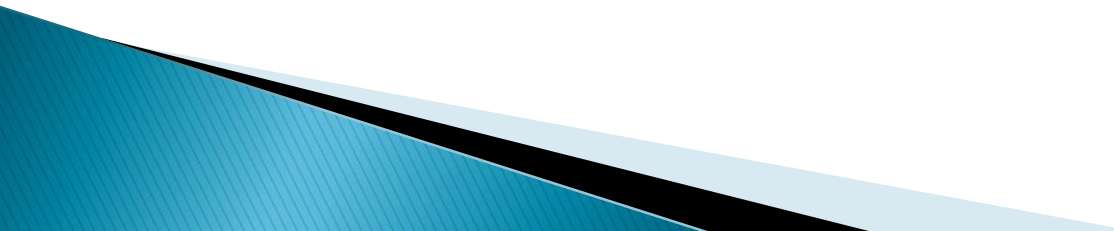
Program Highlights

- ▶ 1 year program with an option to extend to two years
 - ▶ 2023 TA Set Aside recipients are eligible
 - ▶ Pool consultant information is posted on the website:
 - ▶ [Transportation Alternatives \(njdotlocalaidrc.com\)](https://njdotlocalaidrc.com)
 - ▶ Disciplines limited to Highway and Traffic Engineering
 - ▶ \$750,000 cap on fee proposals
- 

Program Highlights

- ▶ Use of pool consultant is not mandatory
 - ▶ LPA enters into agreement directly with consultant
 - ▶ LPA must evaluate consultant's performance at contract completion
 - ▶ LPA must follow quality based selection process to be eligible for federal-aid design funds if a pool consultant is not used
- 

Program Benefits

- ▶ Simplified procurement process
 - ▶ Shortened time and reduced costs
 - ▶ Improved quality and performance
 - ▶ Quicker review times
 - ▶ Improved compliance with federal and state procurement requirements
- 

Consultant Proposals

► Transportation Alternatives (njdotlocalaidrc.com)



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Transportation Alternatives

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The Transportation Alternatives Set-Aside (TA Set-Aside) program provides federal funds for community based "non-traditional" surface transportation projects designed to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal system.

Follow Us for Program Updates!

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Who is Eligible

- New Jersey Municipalities
- New Jersey Counties
- Regional Transportation Authorities
- Transit Agencies
- Natural Resource or Public Land Agencies
- Tribal Governments
- Nonprofit organizations may partner with any eligible entity

Program Benefits

- Strengthen the cultural, aesthetic, and environmental aspects of the intermodal system.
- Encourage walking, bicycling, and rolling as an alternative mode of transportation.
- Make active transportation a more attractive option to get around.
- Provide benefits to vulnerable members of your community, including low-income residents, minorities, those with limited English proficiency, persons with disabilities, children and older adults.

Selection Criteria



Multimodal Facilities

Design and construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation.



Rails to Trails

Conversion of abandoned railroad corridors to trails for use by pedestrians, bicyclists, and other non-motorized transportation users.



Scenic Views

Construction of scenic turnouts, overlooks, and viewing areas.



Historic Preservation

Preservation and rehabilitation of historic transportation facilities for both land and water such as building structures and canals.



Community Improvement

Activities related to community improvements. Specifically, streetscaping and corridor landscaping.



Stormwater Management

Environmental mitigation to address stormwater management, control, and water pollution prevention, or abatement related to highway construction or due to highway runoff.



Wildlife Safety

Reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats.



User Mode Choice

Affects the user's mode choice and encourages active transportation over vehicular travel.



Safety and Health Benefits

Improvements address a safety need and enhances public health benefits.

Transportation Alternatives Set-Aside Design Assistance

The Division of Local Aid & Economic Development aims to help ensure NJ Local Public Agencies can successfully deliver a federally funded project by removing the burden of selecting qualified consultants and paying for those consultant services from the LPA. The TA Set-Aside Design Assistance Program makes consultant engineering services available to TA Set-Aside grant recipients.

TA Set-Aside Design Assistance Program Highlights:

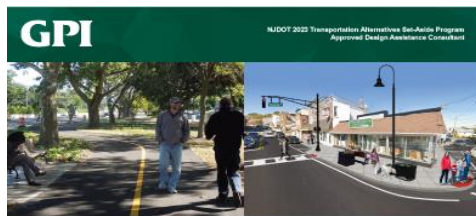
- All recipients of the TA Set-Aside grants are eligible to participate, but not required.
- Costs, fees, and contracts for the work to be performed must be negotiated by the LPA and the firm of their choice with approval by the Division of Local Aid & Economic Development.
- Eligible design costs up to \$750,000 will be reimbursed.

Consultants for FY 2020 Grants:

Information is available below for the four firms in the 2020 consultant pool:

- [Greenman-Pedersen, Inc.](#)
- [McCormick Taylor, Inc.](#)
- [NYS, Inc.](#)
- [Taylor Wiseman & Taylor](#)

Consultant Proposals



Congratulations on being selected for a Transportation Alternatives Set-Aside Grant

GPI has the optimal blend of project experience, resources, and engineering expertise to navigate the project design process. GPI has been selected to provide design assistance for 15 Transportation Alternatives projects across New Jersey in previous TA Design Assistance grant cycles.

Our Approach

1. Understand your needs and goals;
2. Help you navigate the NJDOT federal aid process;
3. Identify potential obstacles early and implement solutions to keep your project on track;
4. Deliver your project on time, within budget, and at a high level of quality.

GPI's Experience Includes:

- Streetscapes - Sidewalks, Lighting, Pavers, Trees, Street Furniture
- Bicycle/Pedestrian Trails and Bicycle Lanes
- Signals/Beacons - Wayfinding, Flashing Beacons, Flashing Warning Signs, Gateway Signage
- Pedestrian Safety - Signals, Crosswalks, Pavement Markings
- ADA Accommodations - Curb Ramps, Ped Signal Buttons
- Pedestrian and Bicyclist Bridges/Tunnels
- Waterfront Trails/Walkways
- Signalized and Unsignalized Intersection Design
- Structural Design (Rehabilitation and New Structures)
- Railroad Crossings
- Landscape Architecture
- Stormwater Management/Green Infrastructure
- Historic Structures/Districts



Transportation Alternatives Set-Aside (TASA) Design Assistance



Congratulations on your selection under the 2023 Transportation Alternatives Set-Aside Program!

We know the Federal process can be challenging and you may not know where to begin. McCormick Taylor can help guide you through the process of taking your project from concept to construction. McCormick Taylor has already been approved by NJDOT through a Qualifications Based Selection process saving you time with procuring a consultant. You can also be assured that we are prequalified by NJDOT and have an extensive history of delivering successful projects like yours. On the following pages are a brief listing of some of our project experience under this program and similar projects.

We know how much these projects can enhance communities and the quality of life for your residents. We want to help bring your community's project to life.

Company Overview

McCormick Taylor's engineers, scientists, and planners work together to provide a wide range of support to our clients. Established in 1946, McCormick Taylor is a leader in providing comprehensive professional services that meet the diverse needs of our clients and the communities we serve. From the onset of a project, we listen to the challenges our clients face in order to gain a thorough understanding of every project's purpose and objectives. This enables us to best develop and implement original ideas and progressive solutions that will fulfill our clients' ultimate goals.

At McCormick Taylor, we recognize the importance of public transportation for communities both large and small. Giving people real mobility options expands choices available in everyday life and improves entire communities. That is why we have participated in many projects aimed at planning, designing, and implementing transit and multimodal solutions with an emphasis on enhancing mobility. We also have a strong relationship with NJDOT's Local Aid Resource Center, developing comprehensive communications efforts for the program as well as continually updating the center's website to guide counties and local governments through the State's grant process.

Common TASA Design Services Offered

- STREETSCAPE**
Gateway and Wayfinding Signage, Street Furniture, Landscaping and Green Infrastructure
- BICYCLE AND PEDESTRIAN FACILITIES**
Sidewalks, Exclusive Bike Lanes, Shared Use Paths and Trails, Pedestrian Refuge Islands
- ADA COMPLIANCE**
Curb Ramps and Detectable Warning Surfaces, Sidewalks, Pedestrian Countdown Heads and Pushbuttons
- TRAFFIC CALMING**
Intersection Bulb-Outs, Raised Crosswalks and Intersections, Speed Closures
- TRAFFIC SIGNAL**
New/Upgraded Traffic Signals, LED Signal Heads and Backlights, Pedestrian Flashing Beacons, High-Intensity Activated Crosswalk Beacons (HAWK)
- ROADWAY AND TRAFFIC**
Intersection Widening, Turning Lane Improvements, Pavement and Drainage Improvements, Roadside Safety
- LIGHTING**
Ornamental Lighting, Pedestrian Scale Lighting
- STRIPING AND PAVEMENT MARKINGS**
High-Visibility Crosswalks, Road Dots, Shared Use Path Markings



Transportation Alternatives (TA) Set-Aside Design Assistance

NV5 Related Services

NV5 is a multidisciplinary firm of professionals dedicated to designs that enhance quality of life. We take pride in helping our clients develop and deliver cost-effective, sustainable and resilient projects that improve lives in their communities. Our northeast infrastructure team (formerly The RBA Group) is headquartered in Parsippany, NJ, with multiple offices in the northeast, including Philadelphia, PA and New York, NY.

NV5's core specialties include bicycle/pedestrian planning and design, recreational planning and design, landscape architecture and streetscape design, highway and traffic design, transportation planning, structural design, site design, utility services, environmental services, hydraulics / hydrology and construction management. We have provided design services for various counties and municipalities throughout New Jersey, and other major transportation agencies including NJDOT, NITA, NITPA, DRITBC, SITPO, DVPRC, NJ TRANSIT, PANY&NJ, NJDEP, DPAC, etc.

NV5's seasoned professionals are experienced in a broad range of transportation enhancement and transportation alternative settings. We are nationally and locally recognized, and are providing Transportation Alternative and Safe Routes to School (SRTS) Design Assistance throughout NJ, providing communities thoughtful responsive design solutions while successfully navigating Local Public Agencies (LPAs) through the NJDOT and FHWA's federal funding process.

NV5 is a full service multidisciplinary firm. Below are some specific TA services:



Complete Streets	Pedestrian Safety	Roadway/Traffic Improvements	Bicycle Accommodation (On Road / Off Road)	Streetscape Design	Environmental
• Shared Streets for All • Context Sensitive Design/Equitable Solutions • Policy Plans • Implementation & Training • Multimodal Design/Connections • Transit Access • Smart Streets (Technology/Infrastructure)	• ADA Compatible (Sidewalks, Intersection Devices/Bump Out/Signal Upgrades) • Crosswalks (High Visibility, Colored/Textured) • Safe Routes to School • Traffic Calming/Road Diet/Speed Tables • Signals (HAWK, Flashing Beacons, etc.) • Lighting • Pedestrian Bridges/Tunnels • Shared Use Paths	• Pavement and Drainage Improvements • Widening/Road Diet Reconstruction • Intersection/Signal Design • Traffic Regulation/Roundabouts • MUTCO Signing / Striping • Roadside Safety • Utility Design • Survey/Basemapping	• Pavement Marking/Sharrows (shared lane markings) • Dedicated Bike Lanes • Buffered Bike Lanes • Parking/Bike Racks • Signing • Shared Use Paths • Trails & Greenways, Rail-Tracks	• Landscape (Green Infrastructure) • Gateway/Decorative Treatments • Pedestrian Plazas • Pedestrian Street Furniture, Parklets • Wayfinding Signage • Decorative Lighting • Art/Cultural Elements • Parking Accommodation	• Public Agency Outreach/Environmental Justice Assessment/NEPA Documentation/Technical Studies • Water Resources, Hydrology & Hydraulics, Flood Plain Restoration/Management • Green Stormwater Infrastructure Design • Ecology, Permitting • Cultural Resources including Archeology • Hazardous Materials



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STV - Your Best Choice for Transportation Alternatives Design Assistance Program (TAP)

STV has served public and private sector transportation, infrastructure, building, and facility needs with distinction for more than 100 years. Through perseverance and strategic alliances, STV has grown from a one-person shop in 1912 to a firm of more than 40 offices throughout North America. While we are large enough to offer a full range of engineering, architectural, planning, environmental and construction management services, we deliver personal attention with tailored solutions for each project designed by our large, talented pool of technical and support resources. We have built a national reputation for successful delivery of transportation/infrastructure services including roadway, bridge/structure, water resource systems design, traffic and ITS solutions, municipal engineering, planning, and associated environmental and public outreach support.

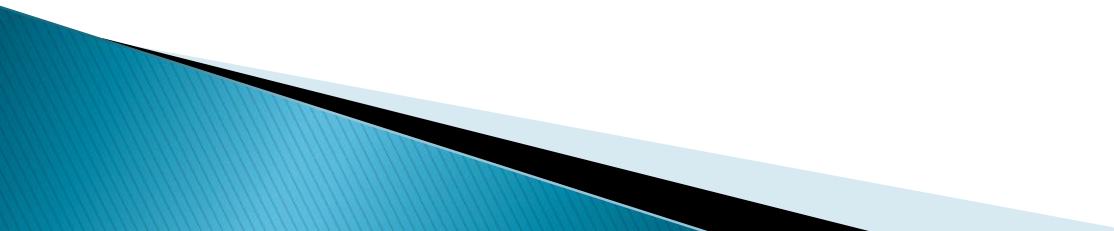
With offices in Lawrenceville, Newark, Philadelphia, and New York City, STV has the necessary depth of specialized personnel and resources to serve local public agencies throughout New Jersey who have been granted Federal Aid Highway Program Funds through NJDOT's Transportation Alternatives Design Assistance Program (TAP).

STV's transportation planning and engineering experience encompasses all facets and modes of transportation. We have a thorough understanding of the planning, engineering, and design of both urban and rural transportation and infrastructure, as well as multimodal transportation. We have extensive experience addressing and mitigating corridor management issues including pedestrians, bicyclists, transit, and motorized vehicle traffic concerns, and we evaluate all modes of transportation when assessing improvements.

SERVICES WE OFFER:



Local Project Delivery Considerations

- ▶ Design Plan Development
 - ▶ NEPA Documentation/Approval
 - ▶ Pre Plans, Specifications, and Estimates (PS&E) Submission
 - ▶ ROW Acquisition and Approval
 - ▶ Permit Coordination and Approval
 - ▶ DBE Goals
 - ▶ Final PS&E Submissions
 - ▶ Authorization Preparations and Submissions
 - ▶ Certifications Approvals
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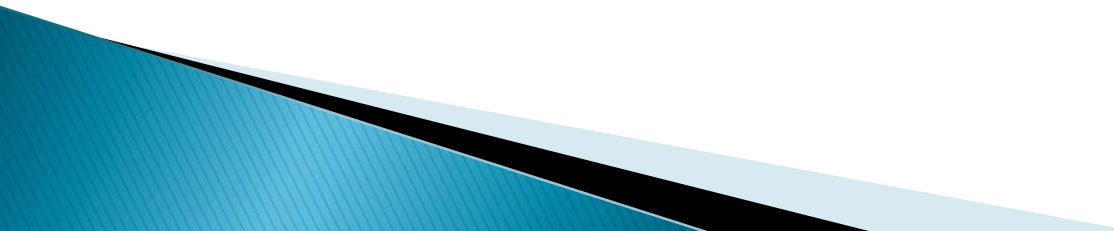
Future Local Aid Assistance Programs

- ▶ SRTS Design Assistance Program 2024
- ▶ TA Set Aside

Resources

- ▶ NJDOT Local Aid Resource Center
 - [NJ DOT – Local Aid Resource Center \(njdotlocalaidrc.com\)](http://njdotlocalaidrc.com)
- ▶ LPA Training–Rutgers Center for Advanced Infrastructure and Transportation (CAIT)
 - <http://cait.rutgers.edu/cait/training>
- ▶ FHWA Federal–aid Essentials for Local Public Agencies
 - <http://www.fhwa.dot.gov/federal-aidessentials/>

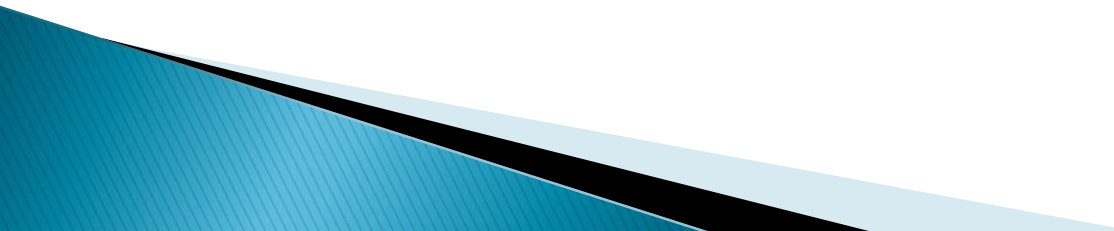
Rutgers CAIT Training Classes

- ▶ Design of ADA Curb Ramps
 - ▶ Compliance to the American With Disabilities Act (ADA) in the Public Right of Way
 - ▶ Highway Inspection Procedures for Federal Aid Highways
 - ▶ Federal Aid Requirements and LPA Stewardship
 - ▶ Grant Management for Federal Aid Projects
 - ▶ Responsible Charge Training
- 

Contact Information

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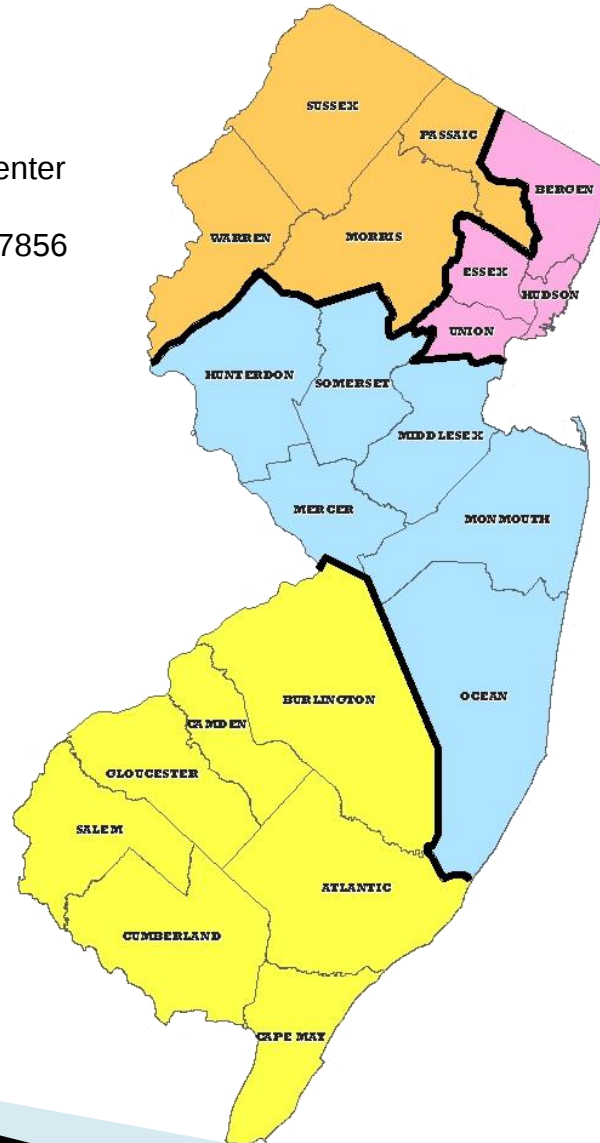
New Jersey Department of Transportation Local Aid and Economic Development

District 1

Roxbury Corporate Center
200 Stierli Court
Mount Arlington, NJ 07856
973.810.9120
FAX: 973.601.6709

District 4

1 Executive Campus
Route 70 West
Cherry Hill, NJ 08002
856.414.8414
FAX: 856.486.6771



District 2

153 Halsey Street, 5th Floor
Newark, NJ 07102
862.350.5730
FAX: 973.648-4547

District 3

1035 Parkway Ave
Trenton, NJ 08625
609.963.2020
FAX: 609.530.8044



TA Set Aside Design Assistance Program

- ▶ Questions??
- ▶ Breakout Session with Districts