

## Continuing Education Units | CEU's

To verify your attendance at this session **Scan in** at the **BEGINNING** and **Scan out** at the **END**

For your **PRINTED CERTIFICATE OF ATTENDANCE**, follow the directions found in the “CEU Procedures” section of the printed Conference Program Book



Other questions, please consult the *League Staff at the Information Booth on Level 2*



# Investing in Active Transportation:

Test ideas, Find funding

November 15, 2023

New Jersey League of Municipalities Conference

# Panel Speakers



**Mayor Hector Lora**



**Jennifer Marandino**



**Peter Bilton**



**Gabrielle Bennett -  
Meany**



**Greg Woltman**

# City of Passaic

Mayor Hector Lora





The City of Passaic experiences high volume of traffic daily which has led to significant challenges such as increased vehicle congestion on Route 21's on and off ramps, deteriorating streets, faded and poorly visible crosswalks, missing curbs, and speeding.

With factors such as the growing number of vehicle ownership, large population of school aged children as well as senior citizens, I have prioritized pedestrian and road safety for those who are the most vulnerable road users by improving accessibility through new redesigns throughout the City. Enhancing the quality of life is crucial and we have made tremendous progress to improve safety, mobility, equity, and access to opportunities throughout the City and neighboring municipalities.

Proactive measures the City has implemented over the years include flashing beacons, reducing speed limits in school and residential areas, raised medians, speed bumps, stop signs, ADA ramp improvements, bike racks, implementing angled parking, repainting faded & new crosswalks, additional street lighting & traffic signage and other design elements.

This integration will help create a safer environment for our vulnerable populations including seniors, children, and people with disabilities. These elements are instrumental and play a crucial role for our young special needs and autistic population who will heavily rely on these measures as they age and become self-reliant.



# Passaic's Initiatives for Pedestrian and Road Safety

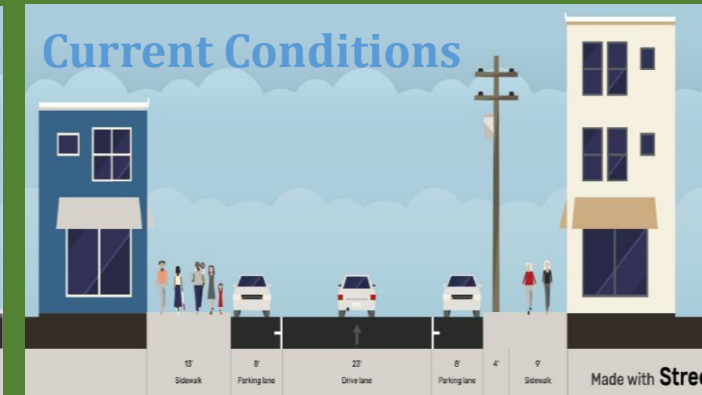
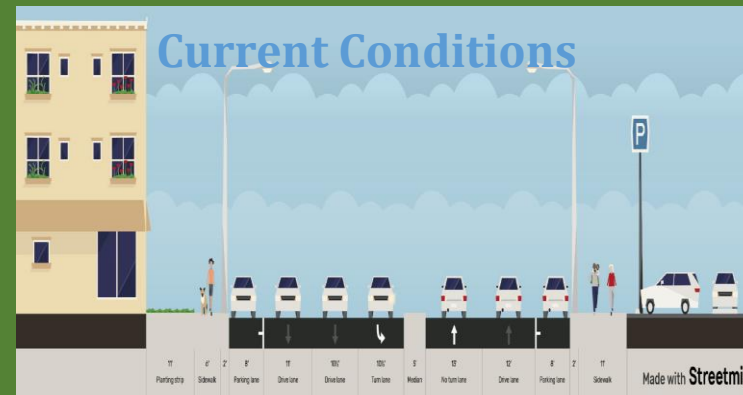
## State and Hamilton Redesign

Passaic was selected to receive technical assistance services from NJTPA and Sustainable Jersey's Complete Streets Technical Assistance program to create renderings to help visualize potential improvements to the streetscapes and design of the State and Hamilton area.

The area chosen, located in a census tract in which **80.4%** of the population own no more than one vehicle, necessitating a dependence on alternative modes of transportation such as walking, cycling, or public transit.

The selected area is in close proximity to Passaic City Hall, a new NJ Transit bus terminal, a new parking deck, Speer Village/ Passaic Housing Authority, Main Avenue Redevelopment Plan area and the redesign of Main Avenue, a project the City also partnered with NJTPA . This area is also a common route for students as there are multiple schools in the vicinity.

**Proposed improvements include increasing sidewalk space, adding angled parking, removing dangerous median & turn lane, two way bike lane, adding a bench & trees, adding a planter and changing current width of oversized lane**





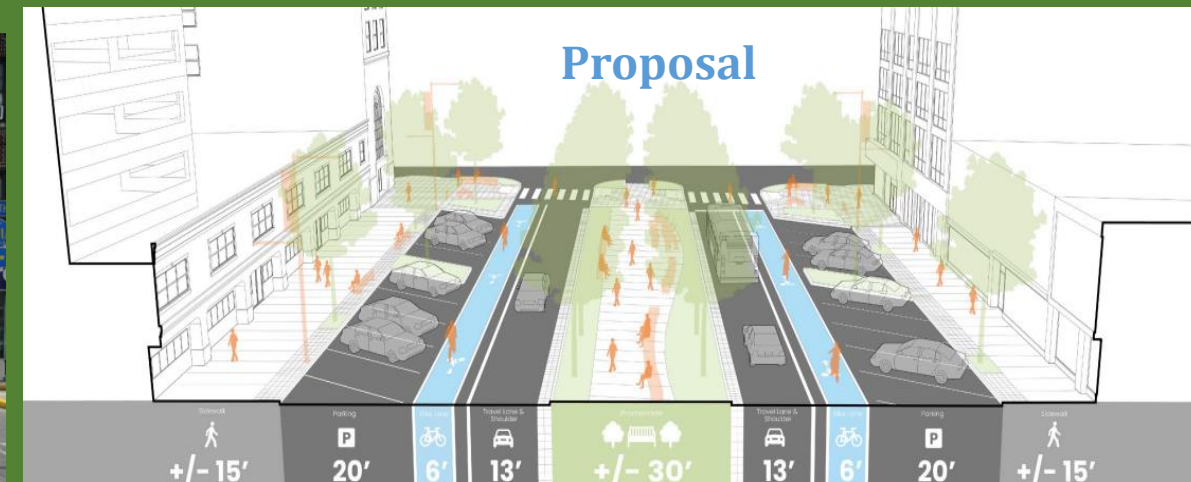
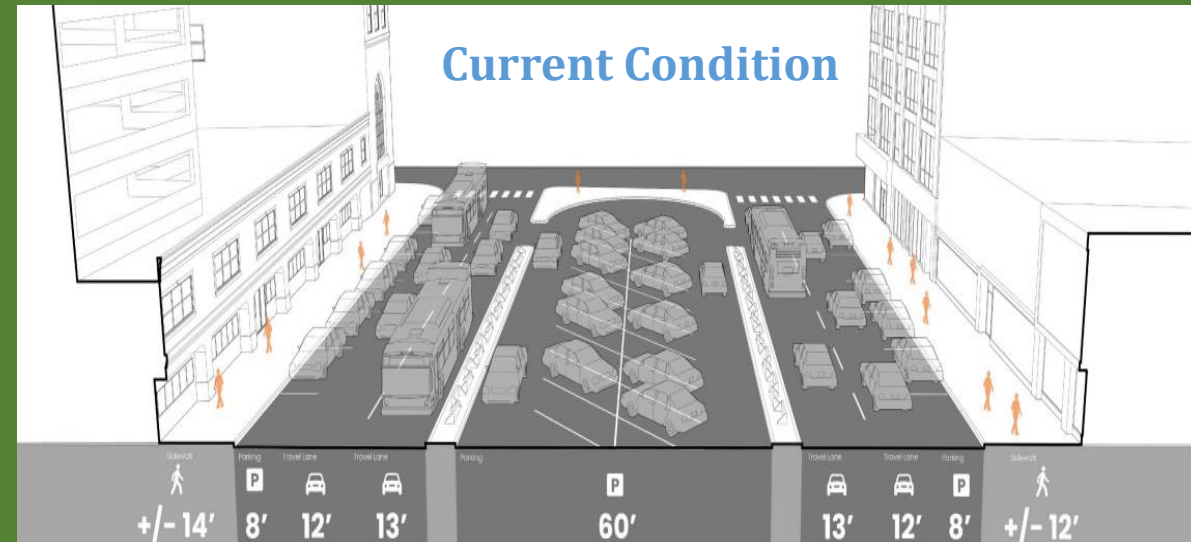
# Passaic's Initiatives for Pedestrian and Road Safety

## Main Avenue Redesign

The City has worked with North Jersey Transportation Planning Authority, NJDOT, Passaic County, Sam Schwartz and Arterial on a local concept plan for the redesign of Main Avenue

The Main Avenue Local Concept Development Study also focused on improving safety for all roadway users, traffic operations, transit access, and providing support for economic development along Main Avenue.

**Proposed improvements include repurposing center parking, reverse angle parking, buffered bike lanes and one travel lane in each direction**





# Passaic's Initiatives for Pedestrian and Road Safety



## Street Mural

In May 2023, EZ Ride partnered with Passaic in installing temporary street art at one of our busiest intersections in the City. This specific area experiences significant congestion due to the large number of vehicles and pedestrians passing through. The purpose of the mural was to slow down vehicular traffic as well as increase visibility of the crosswalk and pedestrians.

We recently were awarded a grant from the Bloomberg Philanthropies Asphalt Art Initiative program to create a permanent mural at this intersection to improve safety for those who walk and bike to work and school and to enhance the appearance of the neighborhood.





# Passaic's Initiatives for Pedestrian and Road Safety

## Bike to Work

The City hosted the first ever Bike to Work event in which EZ Ride with City of Passaic team rode their bikes from City Hall to Third Ward Memorial Park.

The event was to promote a healthier lifestyle, encourage biking as an alternative means of transportation and raising awareness to motorists and pedestrians of the existing bicycle lanes in the city.

## Mayor's Family Bike Ride

EZ Ride and City of Passaic employees including the Police Department collaborated to teach children how to ride a bicycle as well as the importance of practicing bike safety on the road.

The City has hosted this event annually since 2021.

## Passaic County Bicycle Master Plan BIKEPassaicCounty

Passaic County's Department of Planning & Economic Development in partnership with NJTPA worked with the city on the County's Bicycle Master Plan with the goal of improving safety, mobility, equity, and access to opportunity across the County and its 16 municipalities. The County collected all the appropriate data to best understand Passaic's needs regarding connectivity as well as safer road conditions for all ages and abilities to support everyday mobility such as access to public transit, schools, downtown, and parks.





# Passaic's Initiatives for Pedestrian and Road Safety

## Safe Routes to School Program

The City of Passaic along with the Board of Education have actively participated in the Safe Routes to School Program over the past few years, working closely to organize effective programs that support walking and bicycling to school and alleviating obstacles that impede on safety such as faded crosswalk striping, deteriorating sidewalk conditions and lack of effective traffic signage. The City of Passaic applied and was awarded grant funding under the Safe Routes to School Program for various intersection improvements that encompass four of the City's primary public schools. With the large amount of school children who walk to these schools, it was imperative for the City to propose them for the Safe Routes to School Grant program to address faded cross walks and deteriorating sidewalks conditions as well as adding flashing beacons, ADA Curb improvements, striping and pedestrian signal improvements.

## Bike Share Program

To further promote biking, the City is currently looking into integrating a bike share program for residents that will help ease traffic, benefit the environment, encourage physical activity, provide an affordable option of transportation and providing another means of transportation to the existing public transit system.





# SJTPO Region

# LOCAL ROAD SAFETY PLANS

[www.SafeRoadsSouthJersey.com](http://www.SafeRoadsSouthJersey.com)

**Complete Streets Summit**

Wednesday, November 1, 2023



South Jersey  
Transportation  
Planning Organization

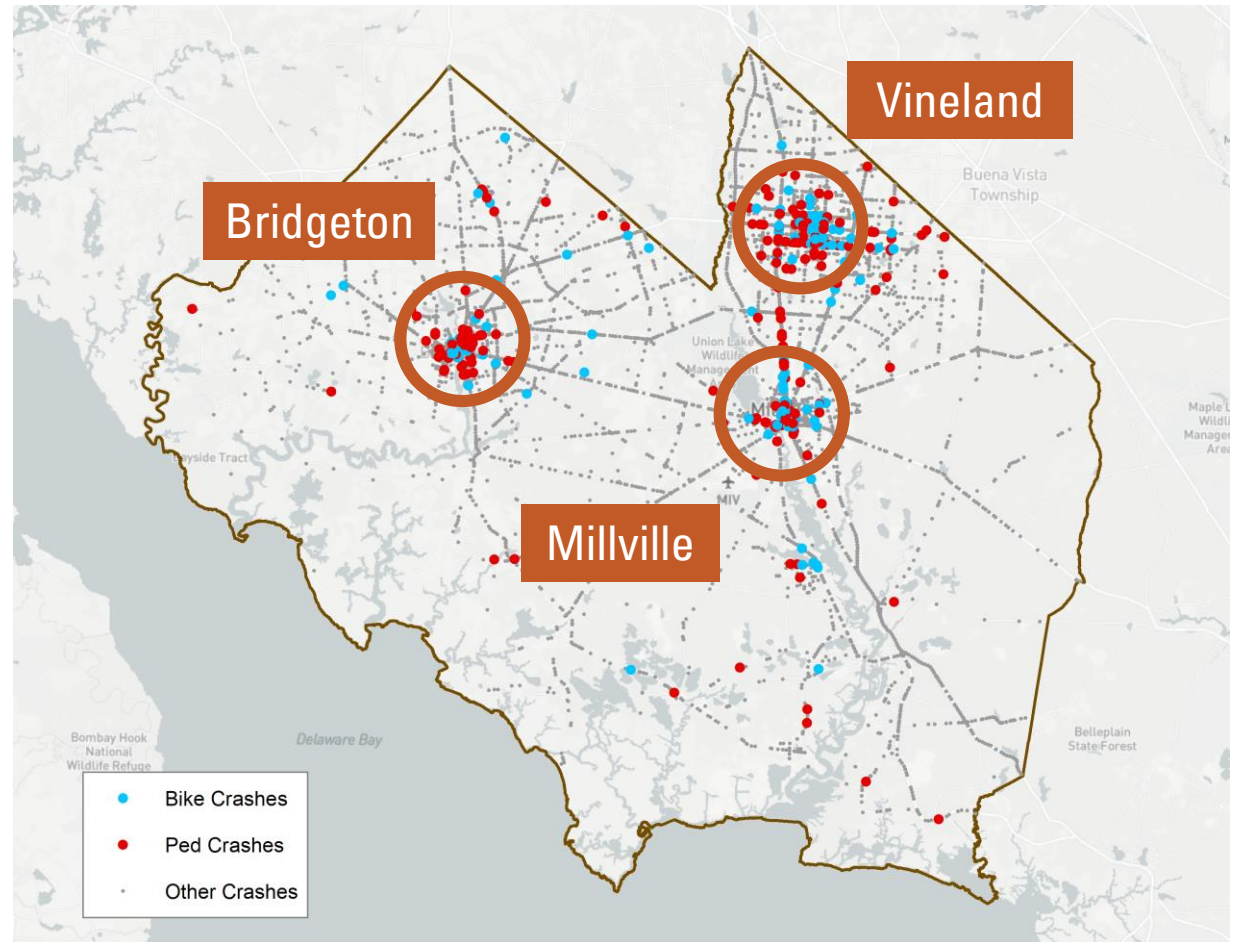
[www.SJTPO.org](http://www.SJTPO.org)



# Cumberland County

- Population of around **150,000**
- **33% of Hispanic or Latino descent**
- Median Household income **35% below** State average
- About **77%** of the County lives in **Bridgeton, Millville, or Vineland**
- Zero-Internet Households **above State and National average**
- **91%** of bike/ped crashes are in **Bridgeton, Millville, or Vineland** and **65%** on county and local roads

**Equity is part of every project phase**

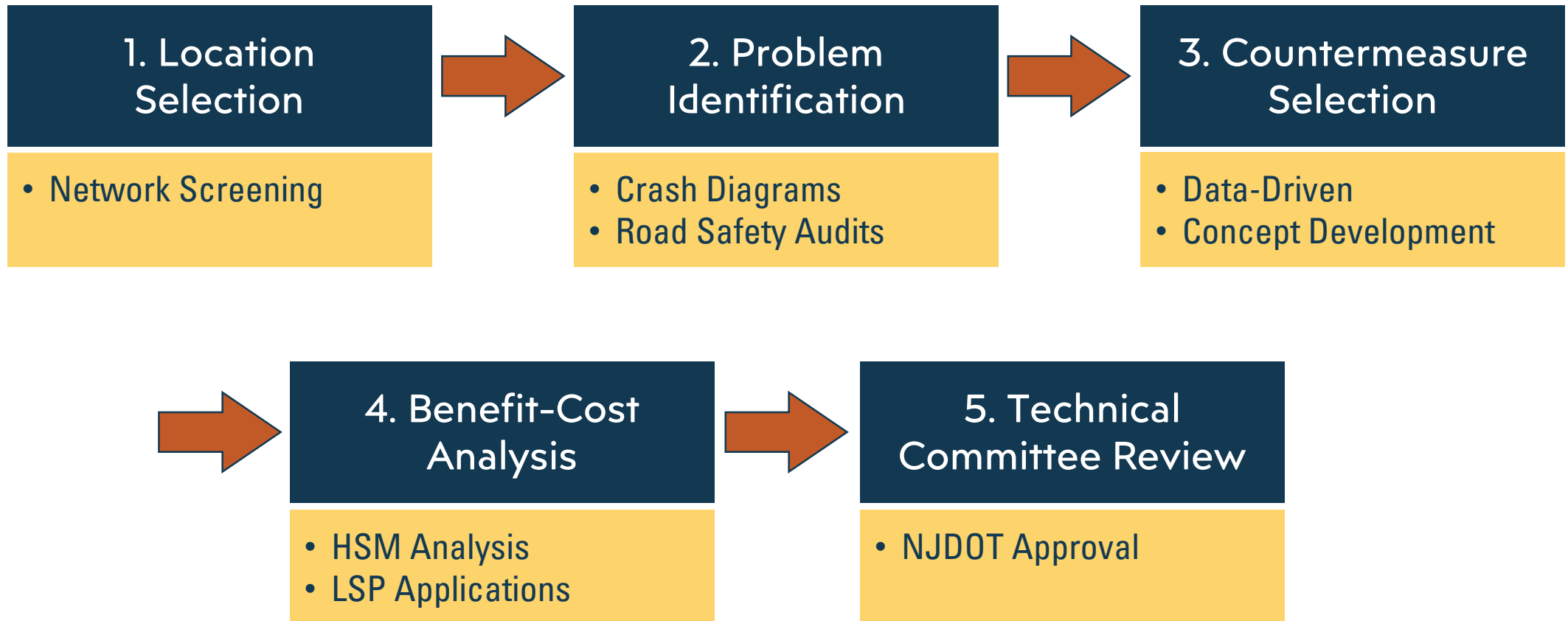






**Bicycles and pedestrians were involved in 2.9% of all crashes in Cumberland County but 21.6% of all fatal and serious injury crashes.**

# Local Safety Program (LSP)



# Chestnut Avenue – Funded by SS4A!



## New Jersey Grant Recipients

- **City of Vineland - \$20M**
- Atlantic City - \$400K
- Cape May City - \$200K
- Monmouth County - \$1.18M
- Hudson County - \$480K
- Union County - \$700K
- Medford Township - \$200K
- City of Paterson - \$400K
- Essex County - \$400K
- NJSEA - \$880K



This worksheet is not meant to replace the NOFO. Applicants should follow the instructions in the NOFO to correctly apply for a grant. See the SS4A website for more information: <https://www.transportation.gov/SS4A>

**Instructions:** This content is from Table 2 in the NOFO. The purpose of the worksheet is to determine whether or not an applicant's existing plan(s) is substantially similar to an Action Plan.

For each question below, answer "yes" or "no." If "yes," cite the specific page in your existing Action Plan or other plan(s) that corroborate your response, or cite and provide other supporting documentation separately.

An applicant is eligible to apply for an Action Plan Grant that funds supplemental action plan activities, or an Implementation Grant, only if the following two conditions are met:

- Answer "yes" to Questions **3 7 9**
- Answer "yes" to at least four of the six remaining Questions **1 2 4 5 6 8**

If both conditions are *not met*, an applicant is still eligible to apply for an Action Plan Grant that funds creation of a new action plan.

Lead Applicant:

UEI:

**1 Are both of the following true?**

YES  NO  
If yes, provide documentation:

- Did a high-ranking official and/or governing body in the jurisdiction publicly commit to an eventual goal of zero roadway fatalities and serious injuries?
- Did the commitment include either setting a target date to reach zero, OR setting one or more targets to achieve significant declines in roadway fatalities and serious injuries by a specific date?

**2 To develop the Action Plan, was a committee, task force, implementation group, or similar body established and charged with the plan's development, implementation, and monitoring?**

YES  NO  
If yes, provide documentation:

**3 Does the Action Plan include all of the following?**

YES  NO  
If yes, provide documentation:

- Analysis of existing conditions and historical trends to baseline the level of crashes involving fatalities and serious injuries across a jurisdiction, locality, Tribe, or region;
- Analysis of the location where there are crashes, the severity, as well as contributing factors and crash types;
- Analysis of systemic and specific safety needs is also performed, as needed (e.g., high risk road features, specific safety needs of relevant road users; and,
- A geospatial identification (geographic or locational data using maps) of higher risk locations.



**4 Did the Action Plan development include all of the following activities?**

YES  NO  
If yes, provide documentation:

- Engagement with the public and relevant stakeholders, including the private sector and community groups;
- Incorporation of information received from the engagement and collaboration into the plan; and
- Coordination that included inter- and intra-governmental cooperation and collaboration, as appropriate.

**5 Did the Action Plan development include all of the following?**

YES  NO  
If yes, provide documentation:

- Considerations of equity using inclusive and representative processes;
- The identification of underserved communities through data; and
- Equity analysis, in collaboration with appropriate partners, focused on initial equity impact assessments of the proposed projects and strategies, and population characteristics.

**6 Are both of the following true?**

YES  NO  
If yes, provide documentation:

- The plan development included an assessment of current policies, plans, guidelines, and/or standards to identify opportunities to improve how processes prioritize safety; and
- The plan discusses implementation through the adoption of revised or new policies, guidelines, and/or standards.

**7 Does the plan identify a comprehensive set of projects and strategies to address the safety problems in the Action Plan, time ranges when projects and strategies will be deployed, and explain project prioritization criteria?**

YES  NO  
If yes, provide documentation:

**8 Does the plan include all of the following?**

YES  NO  
If yes, provide documentation:

- A description of how progress will be measured over time that includes, at a minimum, outcome data.
- The plan is posted publicly online.

**9 Was the plan finalized and/or last updated between 2017 and 2022?**

YES  NO  
If yes, provide documentation:





# Cumberland County Bike/Ped Safety Action Plan

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## RESULTS

- Every Project Funded!
  - 8 months
- Over \$32 Million
  - \$20 Million SS4A (Vineland)
- Over 7 Miles of Urban Corridors

## LESSONS LEARNED

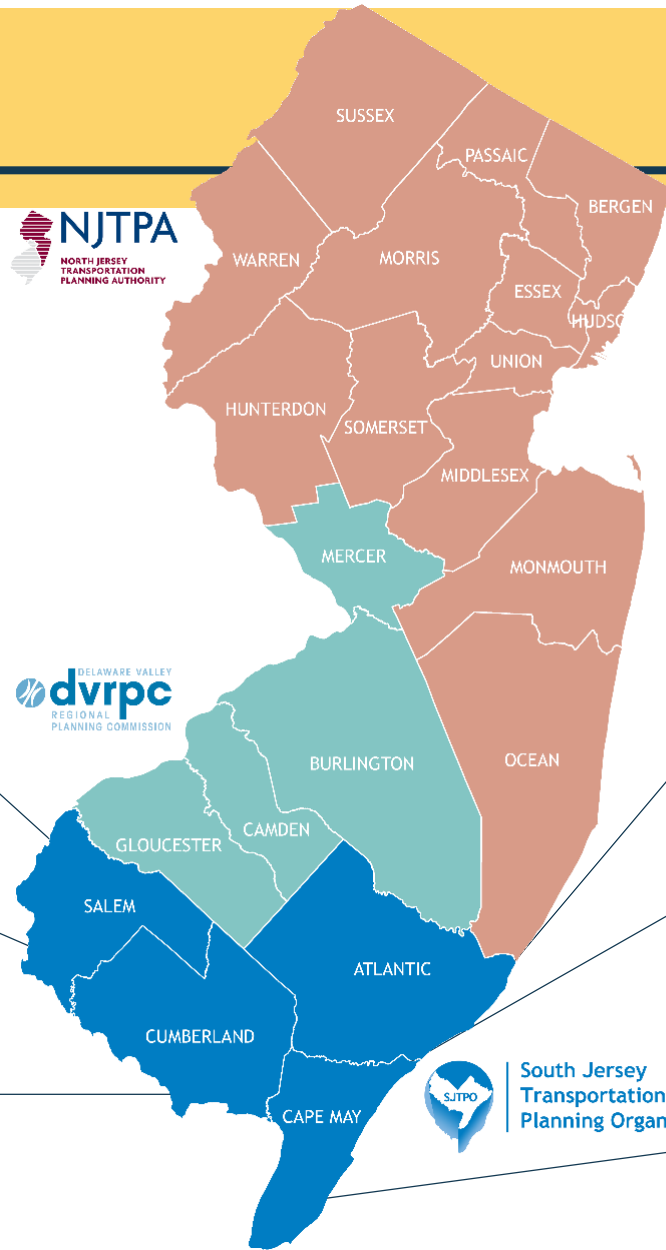
- Have a Plan
  - Data-Driven
  - Project-Oriented
- Subject Matter Experts
- Concepts in Hand
- Application Support



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**Safety Improvements & Funding!**

# Our Region



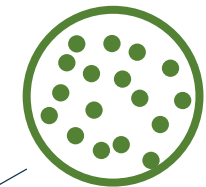
**590K**  
People



**1.7M**  
People (Summer)



**363**  
Density



**978**  
Density (Summer)



**68**  
Municipalities



**8,700**  
Residents Each

# Our Motivation

- Most FSI Crashes (Local Roads)
- Proven Safety Countermeasure
- Funding



**15**  
**Vehicle Deaths**  
**per 100K**

## LRSP Results

**↓ 25%**

County road fatalities in  
Minnesota.

**↓ 35%**

Severe curve crashes in  
Thurston County, WA.

**↓ 17%**

Fatal and serious injury crashes  
on county-owned roads in WA.

# Overview

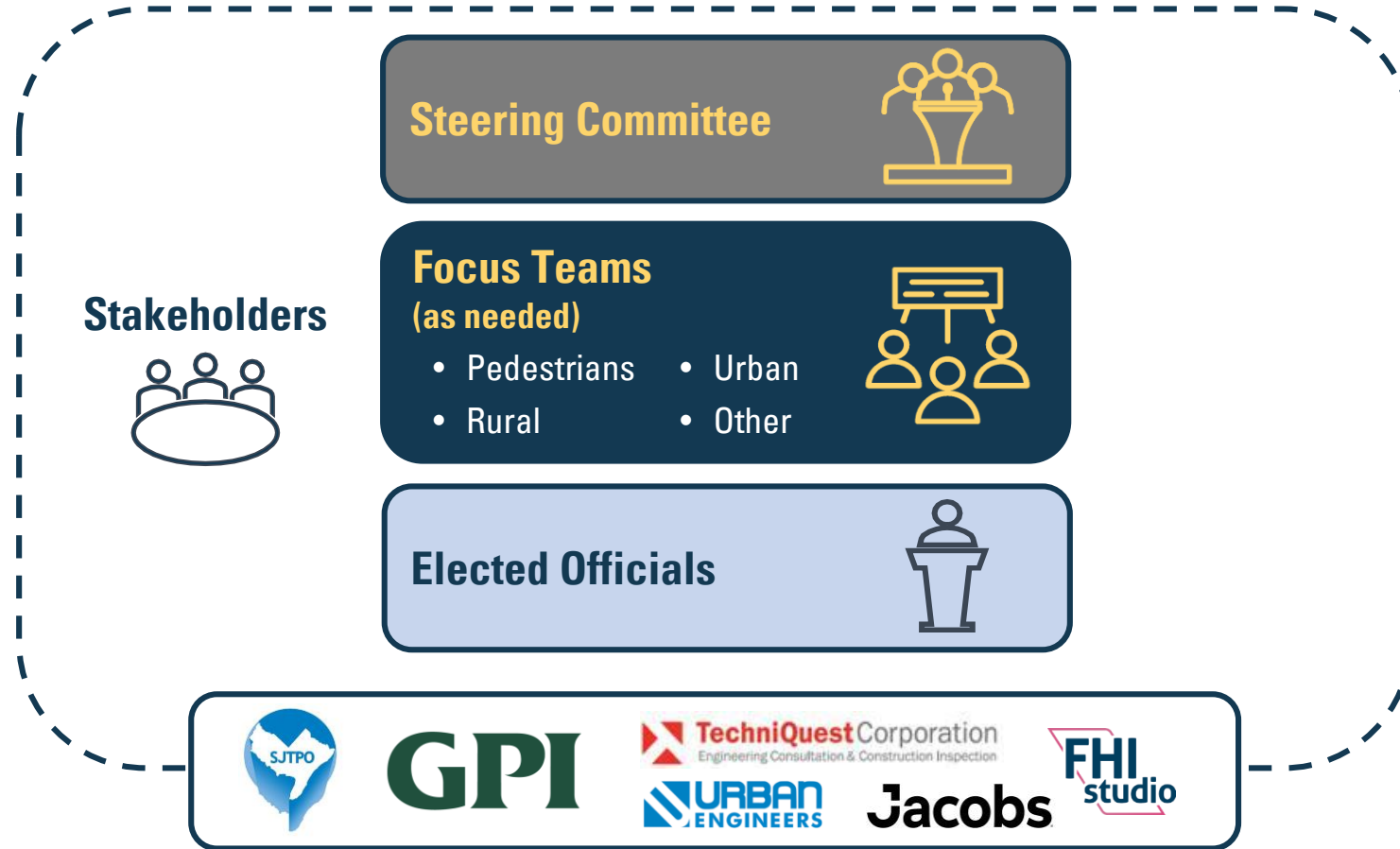


Source: FHWA LRSP DIY Website <https://safety.fhwa.dot.gov/LRSPDIY/#>

- County + Municipal = **Countywide**
- 5-year actionable plan
- Prioritized list of issues, risks, actions, and improvements
- Safe System Approach
- Locally coordinated and owned by counties and municipalities
- Strategies encompass 5 Es
- Opportunity



# Local Road Safety Plan (LRSP) Team



# Our Process



# Emphasis Areas

Atlantic Co	Cape May Co	Cumberland Co	Salem Co
Lane Departure	Lane Departure	Lane Departure	Lane Departure
Aggressive Drivers	Aggressive Drivers	Aggressive Drivers	Aggressive Drivers
Pedestrians and Bicyclists	Pedestrians and Bicyclists	Pedestrians and Bicyclists	Intersections
Intersections	Drowsy/Distracted Drivers	Intersections	



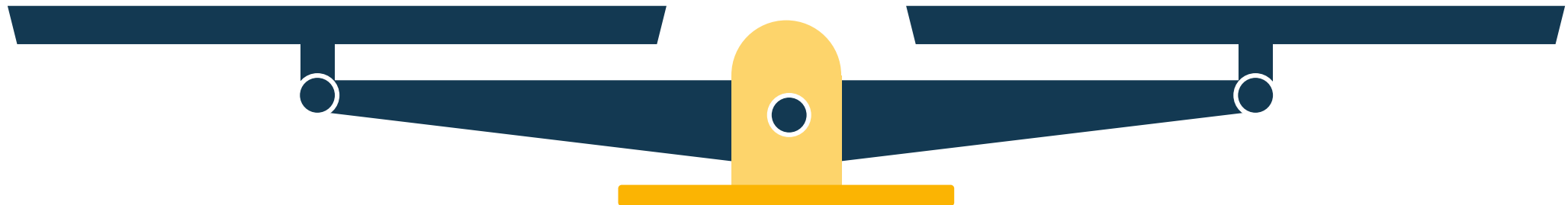
# Investment Strategy

## Systemic Approach

- Proactive
- Focuses on Mitigating Risk
- Widespread, Low-Cost Countermeasures
- Network View

## Hotspot Approach

- Reactive
- Focuses on Mitigating Past Crashes
- Location Specific Countermeasures
- Site Specific BCA



# Data Collection

C = County | M = Municipal | \* = Limited

## • Segments / Corridors

- Bi-directional traffic volumes **C M**
- Number of lanes **C M**
- Lane width **C M**
- Shoulder type **C M**
- Shoulder width **C M**
- Curvature **C** (already have)
- Sidewalk presence **C** (already have) **M**
- Roadway Lighting\* **C M**

## • Intersections

- Control type (signal/no signal) **C M**
- Number of approaches **C M**

- Approach configurations (turn lanes, # of through lanes) **C M**
- Total intersection approach width **C M**
- Intersection lighting\* **C M**
- Crosswalk presence **C M**
- Major/minor pedestrian crossing distance **C M**
- Major/minor approach volumes **C M**
- Ped signal heads\* **C M**

## • Both

- Posted speed **C M**
- Median presence **C M**
- Area type (urban/rural) **C M**

# Vision, Goals, & Actions

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## **Vision:**

- Zero fatalities and serious injuries on municipal and county roadways in each County.

## **Goals:**

- Short-term goals will be determined later in the process

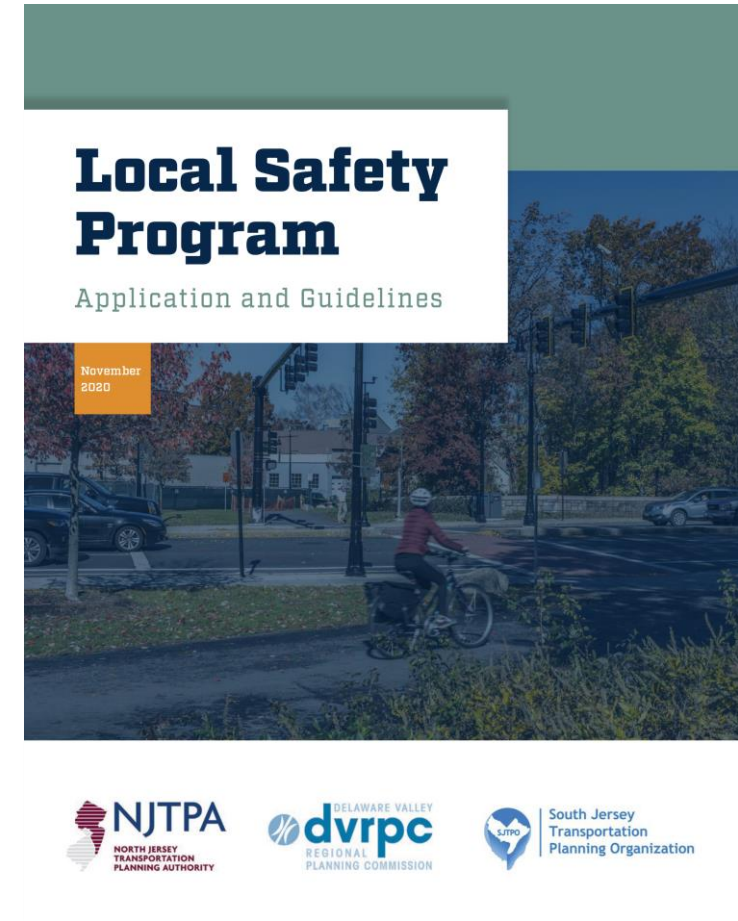
## **Actions:**

- Investment Strategy – late in the process



# Implementation

- September 2024 – September 2025
- County and municipal
  - Scope development
  - Application support
    - SS4A
    - HSIP (Local Safety Program)
    - County/Municipal Aid
    - Others (TA, SRTS, etc.)
  - Scope MUST be safety-focused
- Coordination, meetings as needed



# Thank You!



## Jennifer Marandino

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Sign up for  
our LRSP  
Mailing List

South Jersey Transportation Planning Org.

[www.SJTPO.org](http://www.SJTPO.org)

Local Safety Program

[www.SJTPO.org/HSIP](http://www.SJTPO.org/HSIP)

Countywide Local Road Safety Plans

[www.SafeRoadsSouthJersey.com](http://www.SafeRoadsSouthJersey.com)

 [www.SafeRoadsSouthJersey.com](http://www.SafeRoadsSouthJersey.com)

# Technical Assistance and Partnerships

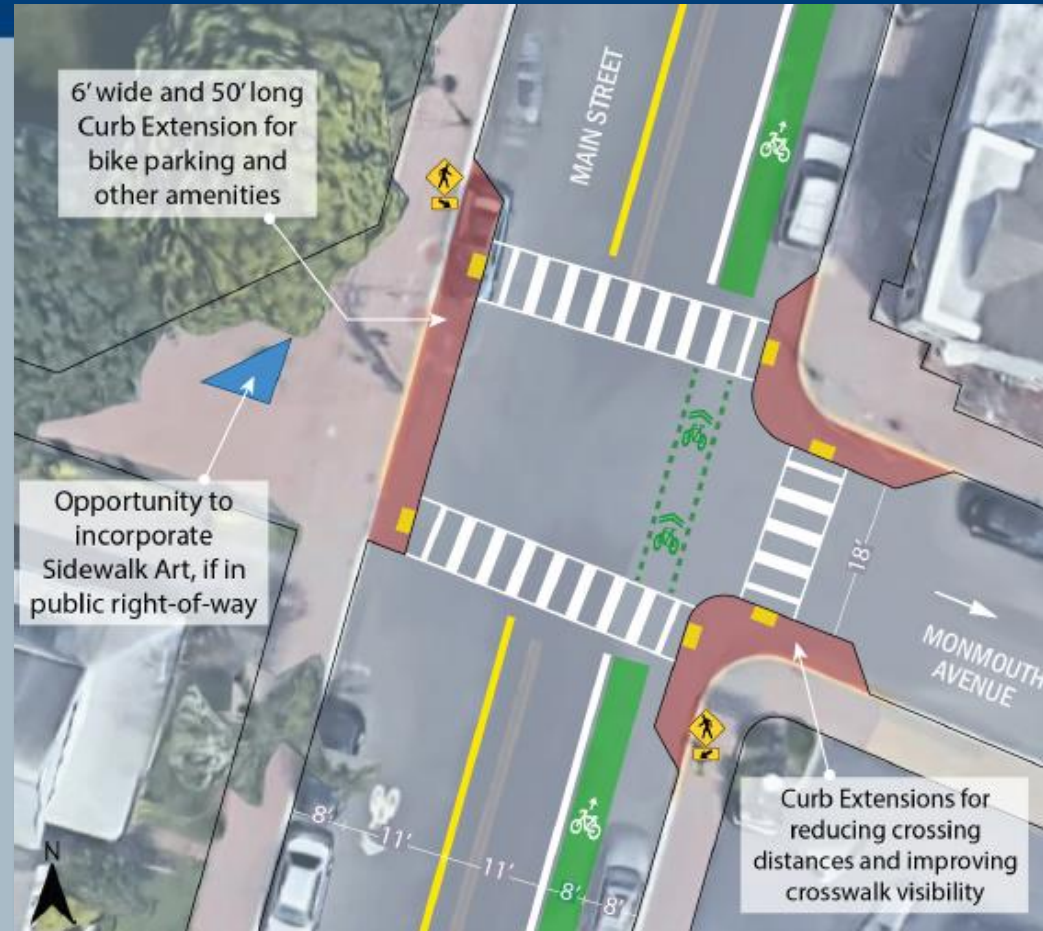
## Investing in Active Transportation

November 15, 2023



Peter Bilton, AICP, PP

**North Jersey Transportation Planning Authority**





# NJTPA Region

**Bergen**

**Essex**

**Hudson**

**Hunterdon**

**Jersey City**

**Middlesex**

**Monmouth**

**Morris**

**Newark**

**Ocean**

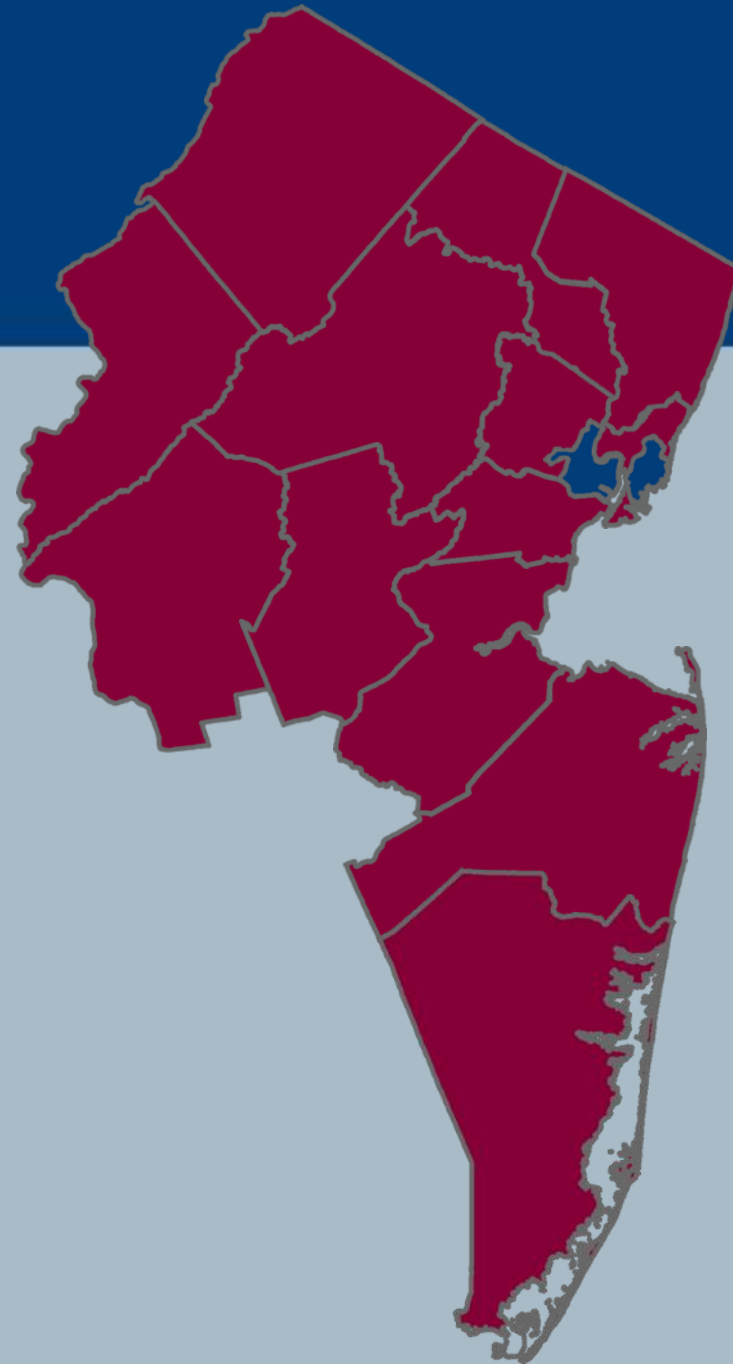
**Passaic**

**Somerset**

**Sussex**

**Union**

**Warren**



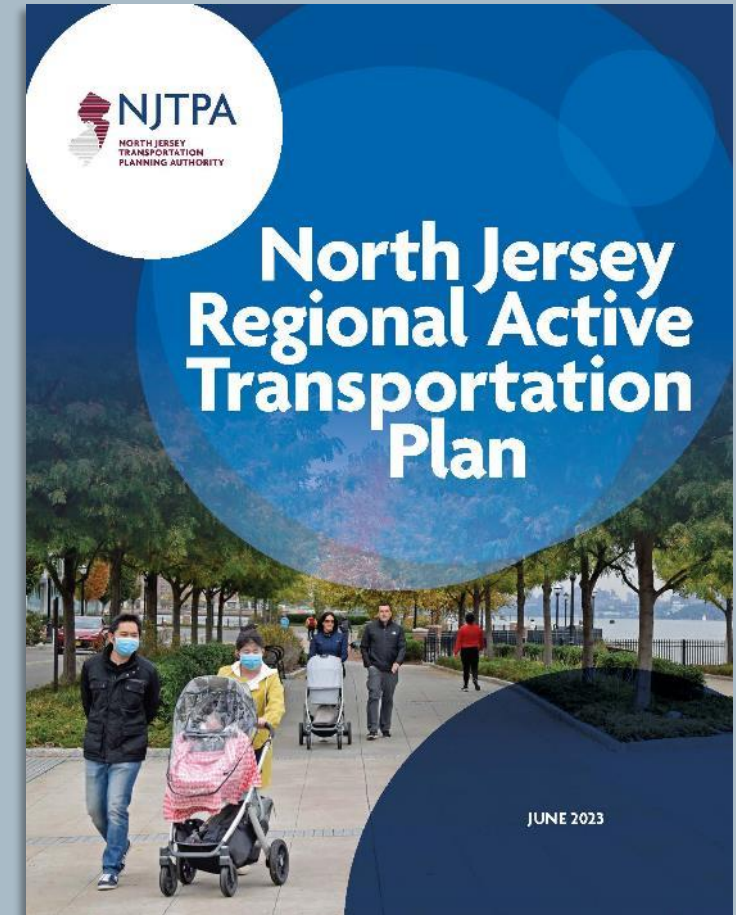
# Regional Active Transportation Plan



**To build consensus around active transportation goals**

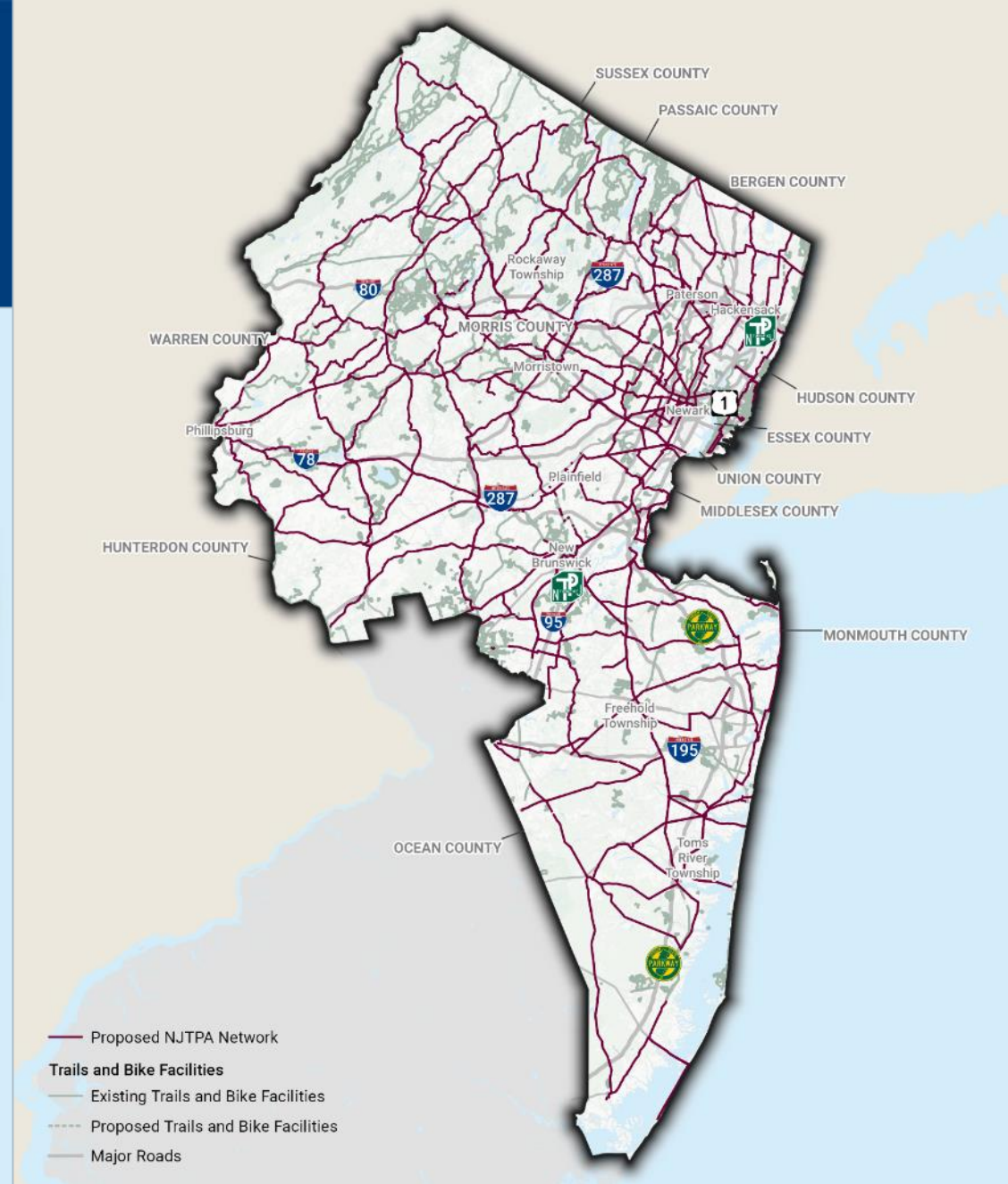
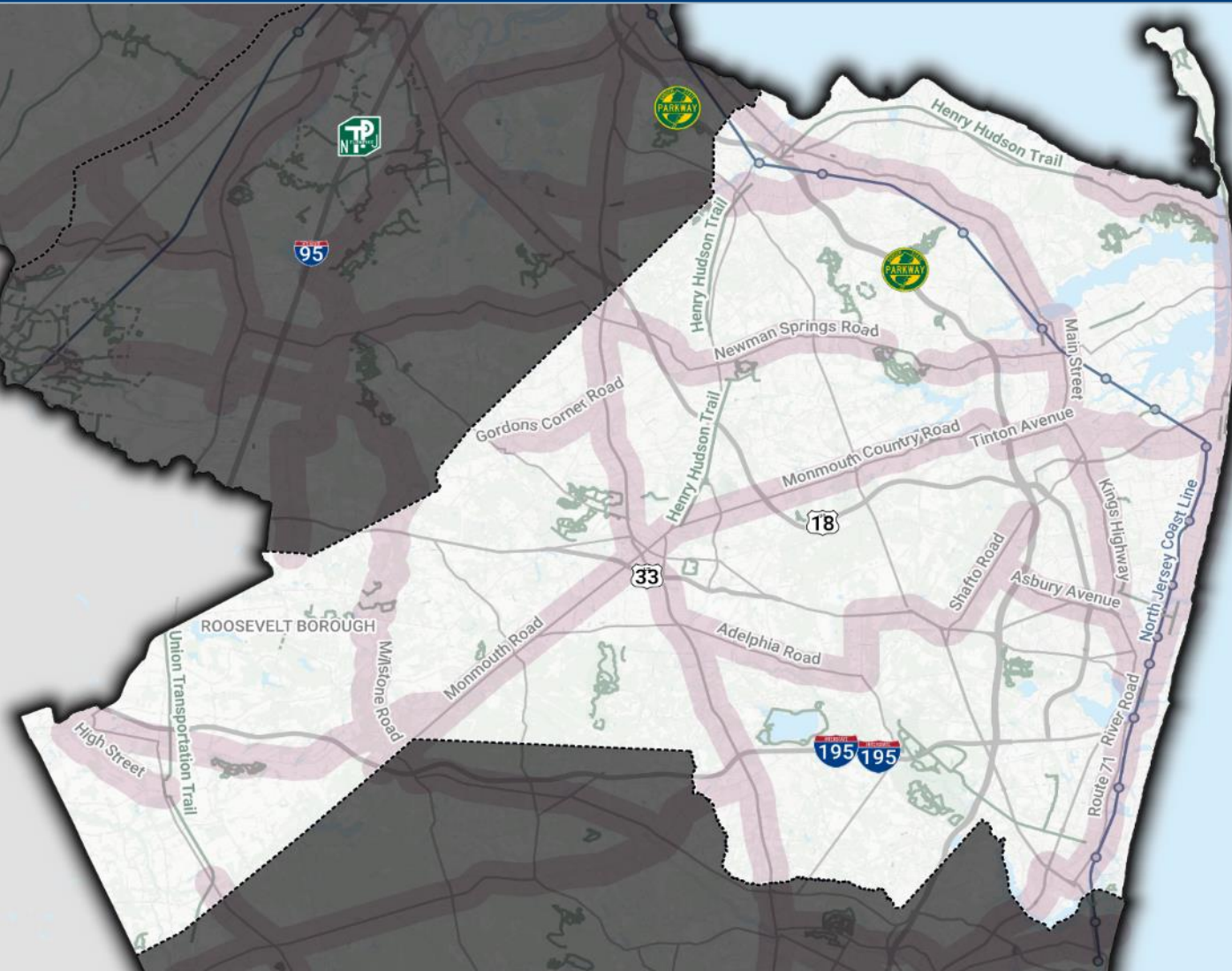
**To create solutions to the region's challenges impacting active transportation users**

**To establish a comprehensive strategic framework for a highly functioning, regional active transportation network**

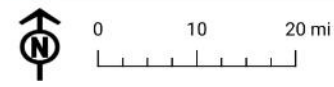




# Preliminary Network



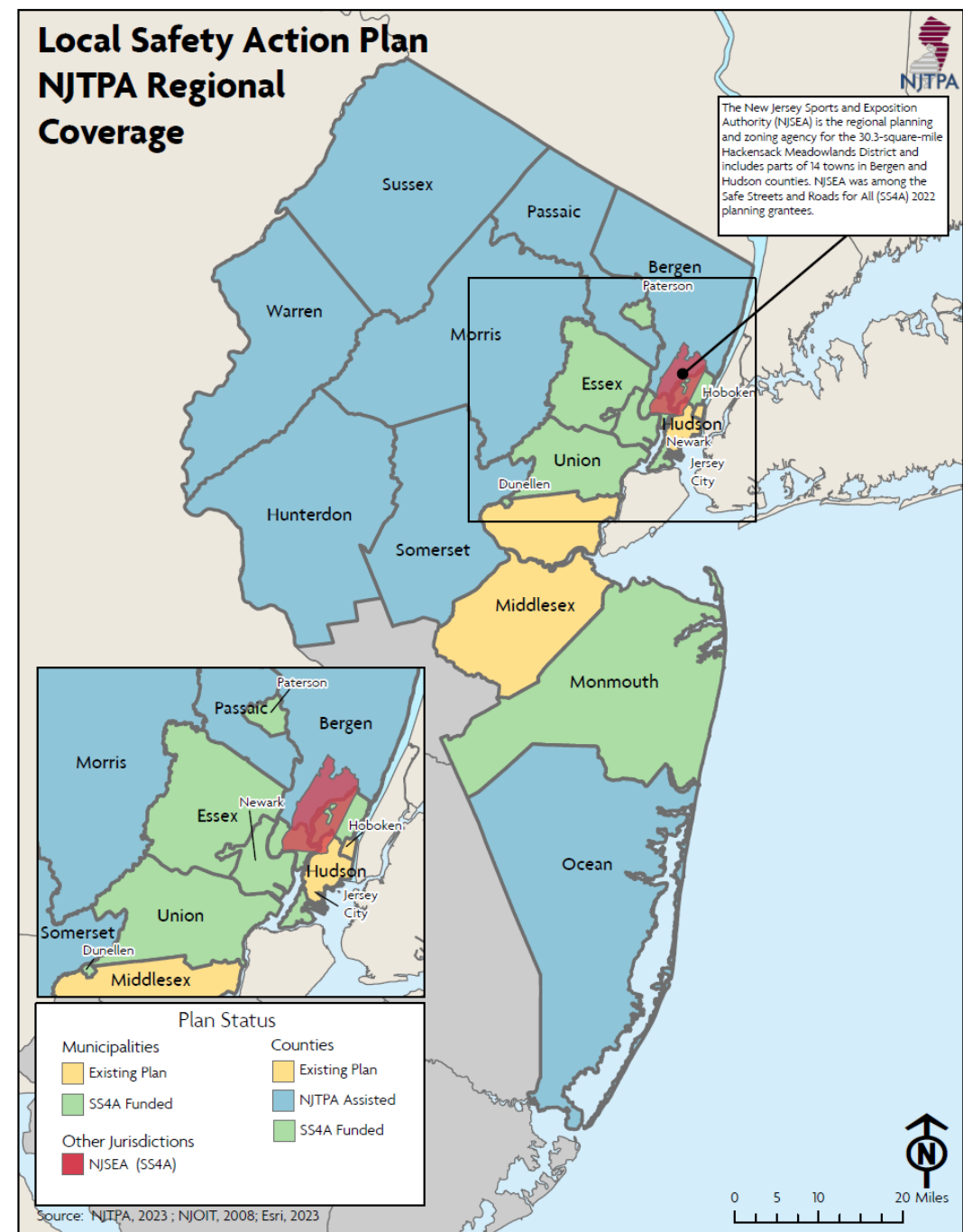
- Proposed NJTPA Network
- Trails and Bike Facilities
  - Existing Trails and Bike Facilities
  - - - Proposed Trails and Bike Facilities
- Major Roads





# Local Road Safety Plans – *Statewide!*

- The Infrastructure Investment and Jobs Act created a \$5 billion discretionary grant program, Safe Streets For All, with ~\$1 billion/year over 5 years
- Purpose: prevent deaths and serious injuries on our roadways
- Focus on *comprehensive safety action planning*, and implementing those plans



# Your Vision for Active Transportation

- Recreation
- Physical activity & public health
- Traffic safety
- Equitable access

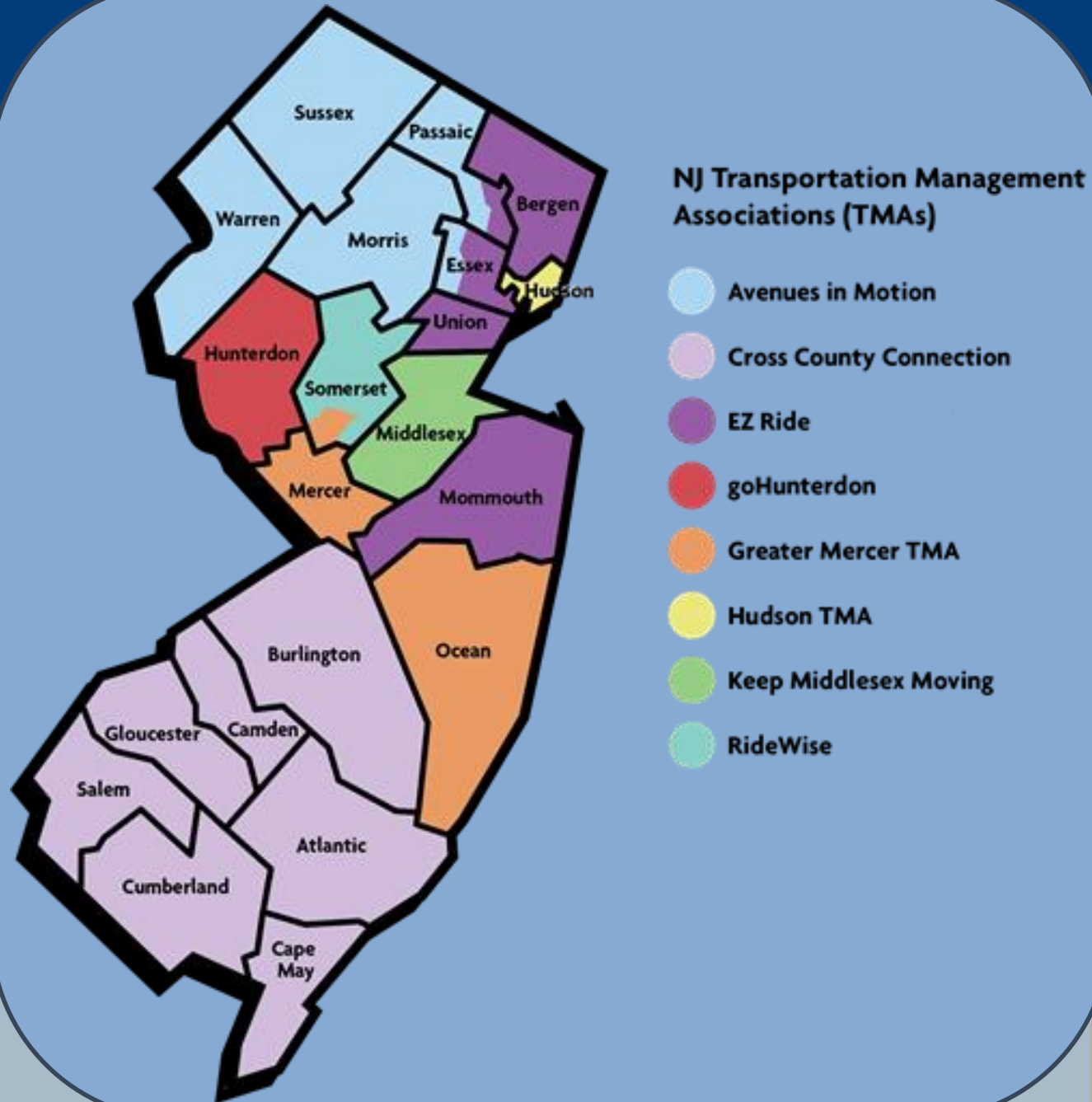


- Economic development
- Parking management
- Greenhouse gas reduction





# Transportation Management Associations



## Active Transportation Programs:

- Safe Routes to School
- Complete Streets policies
- Walkability Audits
- Youth bike rodeos
- Walk and Roll to School Day
- Bike to Work Day
- Radar feedback signs
- Traffic safety education

<https://www.tmacouncilnj.org/>

# Complete Streets Technical Assistance

Provides technical assistance to municipalities to advance a Complete Streets initiative.

- Competitive application process
- Partnership of NJTPA, Sustainable Jersey, and Voorhees Transportation Center at Rutgers
- 24 studies completed to-date



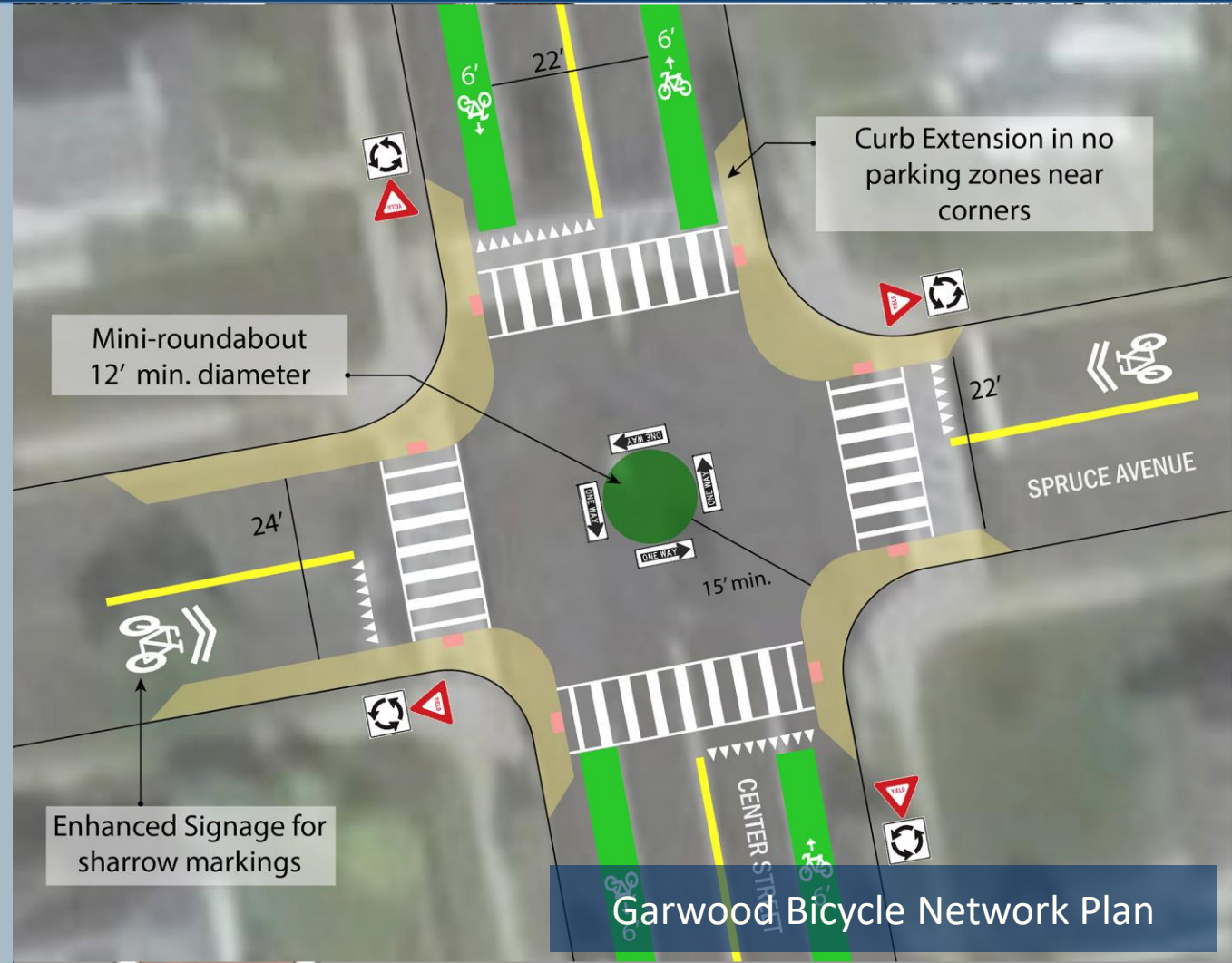
<https://njtpa.org/completestreets>



# Complete Streets Technical Assistance

## Common Project Elements:

- Community Events & Surveys
- Walkable Community Workshops
- Temporary Demonstration Projects
- Conceptual Renderings
- Conceptual Improvements



# Complete Streets Technical Assistance

## Common Project Elements:

- Community Events & Surveys
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# Complete Streets Technical Assistance

## Common Project Elements:

- Community Events & Surveys
- Walkable Community Workshops
- Temporary Demonstration Projects
- Conceptual Renderings
- Conceptual Improvements



Westfield Walkable Community Workshop



# Complete Streets Technical Assistance

## Common Project Elements:

- Community Events & Surveys
- Walkable Community Workshops
- Temporary Demonstration Projects
- Conceptual Renderings
- Conceptual Improvements



Belleville Temporary Demonstration



# Complete Streets Technical Assistance

## Common Project Elements:

- Community Events & Surveys
- Walkable Community Workshops
- Temporary Demonstration Projects
- Conceptual Renderings
- Conceptual Improvements



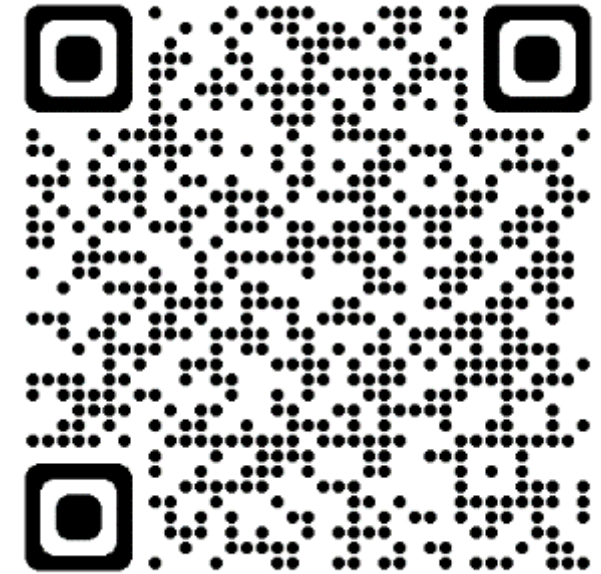
# Implementation Examples

Municipality	Amount	Source	Project
Cranbury	-	Municipal	Bikeway installed during repaving
Dunellen	-	Municipal	Bikeway installed during repaving
Eatontown	\$275,000	NJDOT	Greenway
Manville	\$48,000	RAISE	RR grade crossings study
Passaic City	\$454,000	Transportation Alternatives	Streetscaping and bikeway construction
Seaside Heights	\$824,000	Transportation Alternatives	Streetscaping and bikeway construction
West Orange	\$780,000	Transportation Alternatives	Pedestrian crossing construction

# Application Timeline

## Complete Streets

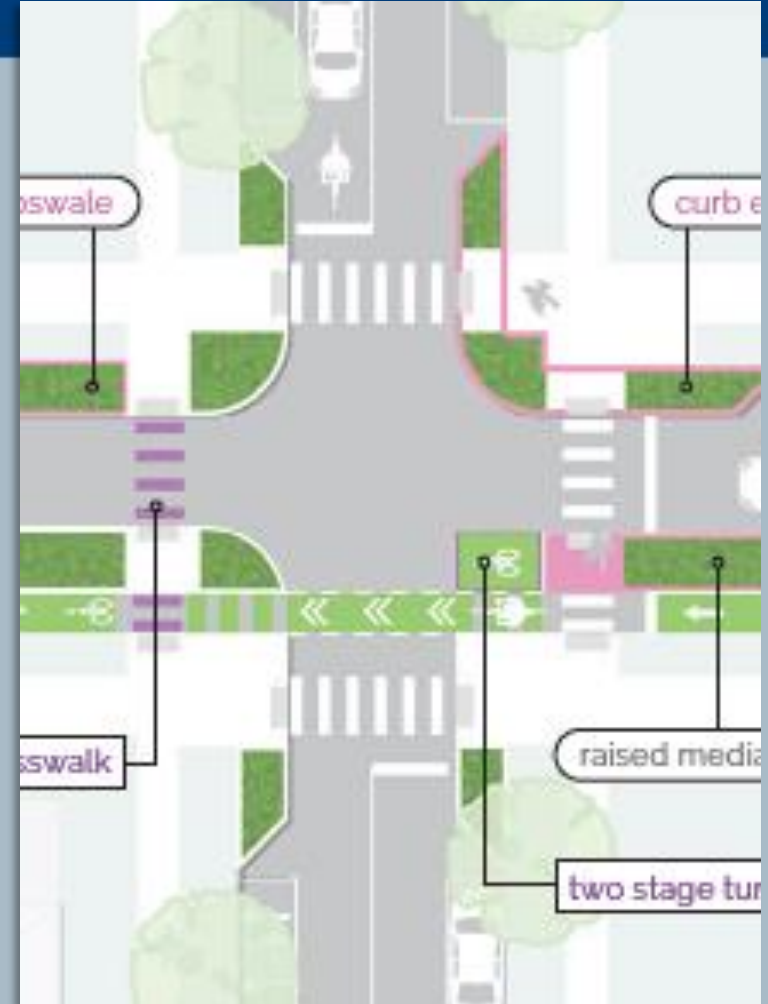
### Technical Assistance



Application period opens **December 5:**  
<http://bit.ly/CompleteStreetsTA>

# More Planning Assistance is Available

- [NJ Bicycle and Pedestrian Resource Center](#) (Rutgers University)
- [Local Bicycle/Pedestrian Planning Assistance](#) (NJDOT)
- [Planning for Emerging Centers](#) (NJTPA)
- [Transit Friendly Planning](#) (NJ TRANSIT)





# Thank You

*Defining the Vision. Shaping the Future.*



Peter Bilton  
Manager, Sustainable  
Transportation Planning  
[pbilton@njtpa.org](mailto:pbilton@njtpa.org)



# Township of Belleville, Essex County, NJ

## Crosswalks for a Safer Community – The Belleville Middle School Project



North Jersey Transportation Planning Authority's (NJTPA) Complete Streets Technical Assistance Program

Sustainable Jersey is collaborating with the Alan M. Voorhees Transportation Center (VTC) at Rutgers University to provide free technical assistance to municipalities to advance Complete Streets initiatives.



# Complete Streets

## Technical Assistance



Through North Jersey Transportation Planning Authority's (NJTPA) Complete Streets Technical Assistance Program, Sustainable Jersey is collaborating with the Alan M. Voorhees Transportation Center (VTC) at Rutgers University to provide free technical assistance to selected municipalities to advance a complete streets initiative. The program is made possible through NJTPA's federal funding from the U.S. Department of Transportation. No direct funding to municipalities is provided. Participants are selected through a competitive application process. Eligible applicants include municipal governments within the thirteen (13) counties that comprise the NJTPA region - Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union and Warren.

Complete streets are streets designed for all users, all modes of transportation and all ability levels. They balance the needs of drivers, pedestrians, bicyclists, transit riders, emergency responders and goods movement based on local context. To explain the benefits of complete streets in New Jersey, in 2020, we created [Streets for Everyone](#), a 3-minute public education video.

### Types of Technical Assistance

Since every municipality has different needs, the program provides technical assistance to help advance complete streets by documenting existing conditions, exploring opportunities for improvement and providing recommendations. Project options have included:

- **Bicycle Corridor or Network Plan:** To help identifying specific routes and road treatments to improve bicycling infrastructure.
- **Complete Streets Conceptual Rendering:** To prepare graphic renderings to help visualize potential improvements to streetscapes or public spaces.
- **Temporary Demonstration Project Guidance:** To provide guidance on the design and installation of pedestrian safety or bicycle infrastructure temporary safety measures.
- **Walkable Community Workshop:** A workshop and audit of up to a half-mile of street to identify potential pedestrian and bicycle improvements. Completed Project Reports
- **Complete and Green Streets for All Guidance:** Assistance in the development of, or update of an existing Complete Streets Policy to align with the 2020 NJDOT Complete and Green Streets for All Policy.
- **Crime Prevention through Environmental Design (CPTED) Safety Audit and Site Assessment:** A workshop and audit to assist a municipality in assessing and understanding potential physical improvements that could help prevent crime.

### Round 3

The application period for the 2022-2023 program closed on February 11, 2022. A project selection committee reviewed the applications and selected seven municipalities to receive technical assistance services as follows:

- Belleville Township, Essex County, Temporary Demonstration Project Guidance
- Bound Brook Borough, Somerset County, Walkable Community Workshop (WCW)
- Dunellen Borough, Middlesex County, Complete and Green Streets for All Policy
- Oakland Borough, Bergen County, Complete and Green Streets for All Policy
- Passaic City, Passaic County, Complete Streets Conceptual Renderings
- Plainfield City, Union County, Bicycle Corridor or Network Plan
- Seaside Heights Borough, Ocean County, Walkable Community Workshop (WCW)



# Partners -Township of Belleville, Belleville Public Schools and EZ Ride



Safe Routes to School initiatives spark healthy change in communities, improving streets, and increasing opportunities for physical activity.



# Belleville Public Schools Host EZ Ride Safe Routes to School Activities



## 2018:

- 19 Ped. Safety Talks: 2,221 students

## 2021-22:

- 9 Virtual Ped Safety Talks: 883 students
- 3 Virtual Bike Safety Talks: 704 students
- Two Travel Tallies: 1,135 students
- Worksheets: 173 students
- One poster contest: 9 students

## 2022-23:

- 2 PSPs & 2 BSPs: 1,348 MS students

## 2023-24

- 18 Ped Safety Talks & 12 Bike Safety Talks  
Sept. 18-29 in-person
- Road Safety Audit at Belleville School 5

School #5



School #7



School #9



School #3



School #4



School #8





# Belleville Public Schools Partners with Belleville Police and EZ Ride for 2022 Walk to School With a Cop Days

Oct. 18, 2018

- Schools #4, #8, #9, #10
- 600 students

Oct, 19, 2018

- Schools #3, #5, #7
- 600 students

June 7, 2022:

- Schools #3, #5, #7
- 600 students

June 8, 2022:

- Schools #4, #8, #9, #10,
- Hornblower Early Childhood Center
- 777 students



**WALK TO SCHOOL WITH A COP**

**WEDNESDAY JUNE 8, 2022**



Belleville School #9 is participating in Walk to School With A Cop on  
Wednesday June 8, 2022

We want students and parents to get to know their fellow police officers by encouraging them to Walk to School on Wednesday June 8, 2022 with officers of the Belleville Police Department.

By walking, we will get some exercise, be more alert for school, and reduce traffic congestion around our schools. It's also a ton of fun to walk with friends! Join us and learn how easy it is to walk to school safely with your friends from the Belleville Police Department.

Meet us at:

- 1) Belleville Kmart parking lot– 371 Main Street

Officers will be at these locations at 8:00 A.M. They will begin walking to school at 8:15 A.M.

Questions: Contact Sergeant Anthony Abate of the Belleville Police Department at 973-450-3348.





# Belleville Complete Streets Temporary Demonstration Project Team

Michael Melham, Mayor

Vincent Cozzarelli, Deputy Mayor

Anthony Iacono, Township Manager

Dr. Richard Tomko, Superintendent

Matthew Paladino, Business Administrator

Captain Frank Pignataro, Belleville Police Dept. Operations Bureau

Robert Welter, Supervisor DPW

Jerry Topetta, BOE Maintenance Supervisor

Gabrielle Bennett-Meany, Green Team Coordinator/ BOE VP

Athena Zhe, Artist

Lisa Lee and Erlea Maldonado, EZ Ride

CSTA Team: Keith Hamas (NJTPA), Leigh Ann Von Hagen (VTC), James Sinclair (VTC),

Samuel Rosenthal (VTC) and Anne Heasley (SJ)





# What are issues the team observed and the factors that influence walking to school.



Busy Intersections

Faded Crosswalks or  
No Crosswalks

Roads Cracked or  
patched

Sidewalks cracked or  
upheaved

No "School Zone"  
signs present

Poor driver behavior  
Poor pedestrian behavior







Dismissal







Observations





Observations





Observations



# CROSSWALKS FOR A SAFER COMMUNITY

## Belleville Middle School Project

We'd like your feedback on the temporary mural and other improvements installed in March at the intersection of Holmes Street and High Street, adjacent to Belleville Middle School.

**The purpose of this design is to improve travel safety and add art to the community.**

If these improvements are successful, they can become permanent, and inspire similar installations at other intersections in Belleville.



### Demonstration Features

- Painted curb extensions
- Art mural at the intersection
- Sidewalk extensions in front of school
- Flexible posts marking the curb extensions

### Benefits

- Curb extensions increase visibility and shorten crosswalks to improve pedestrian safety
- Public art draws attention to the school zone, increasing driver awareness and school pride



**We want to hear from you!**

To complete a short survey, scan the QR Code or visit <http://go.rutgers.edu/Belleville>

The project is part of the NJTPA Complete Streets Technical Assistance Program. <https://www.njtpa.org/completestreets>

**Survey**

# CRUCES PEATONALES PARA UNA COMUNIDAD MÁS SEGURA

Nos gustaría conocer sus comentarios sobre el mural temporal y otras mejoras que se instalaron en marzo en la intersección de Holmes Street y High Street, junto a la Escuela Intermedia Belleville.

**El propósito de este diseño es mejorar la seguridad vial y agregar arte a la comunidad.**

Si estas mejoras tienen éxito, pueden volverse permanentes e inspirar instalaciones similares en otras intersecciones en Belleville.



### Características de la demostración

- Extensiones de acera pintadas en frente de la escuela
- Mural de arte en la intersección
- Postes flexibles que marcan las extensiones de la acera

### Beneficios

- Extensiones de acera aumentan la visibilidad y acortan los cruces peatonales para mejorar la seguridad de los peatones
- El arte público llama la atención sobre la zona escolar, aumentando la conciencia de los conductores y el orgullo escolar



**¡Queremos oír tus pensamientos!**

Para completar una breve encuesta, escanee el código QR o visite <http://go.rutgers.edu/Belleville>





## Supplies:

Paint  
Paint Brushes  
Rollers & Trays

Extendable roller handles  
Traffic delineation bollards





Approximately 24 High School Art Club Students  
1 school day  
Street closed until next morning













Support and Benefits of the Project















# Funding Your Complete Streets Project

Tips and resources for getting Complete Streets funding

Gregory Woltman

Research Project Coordinator, Alan M. Voorhees Transportation Center



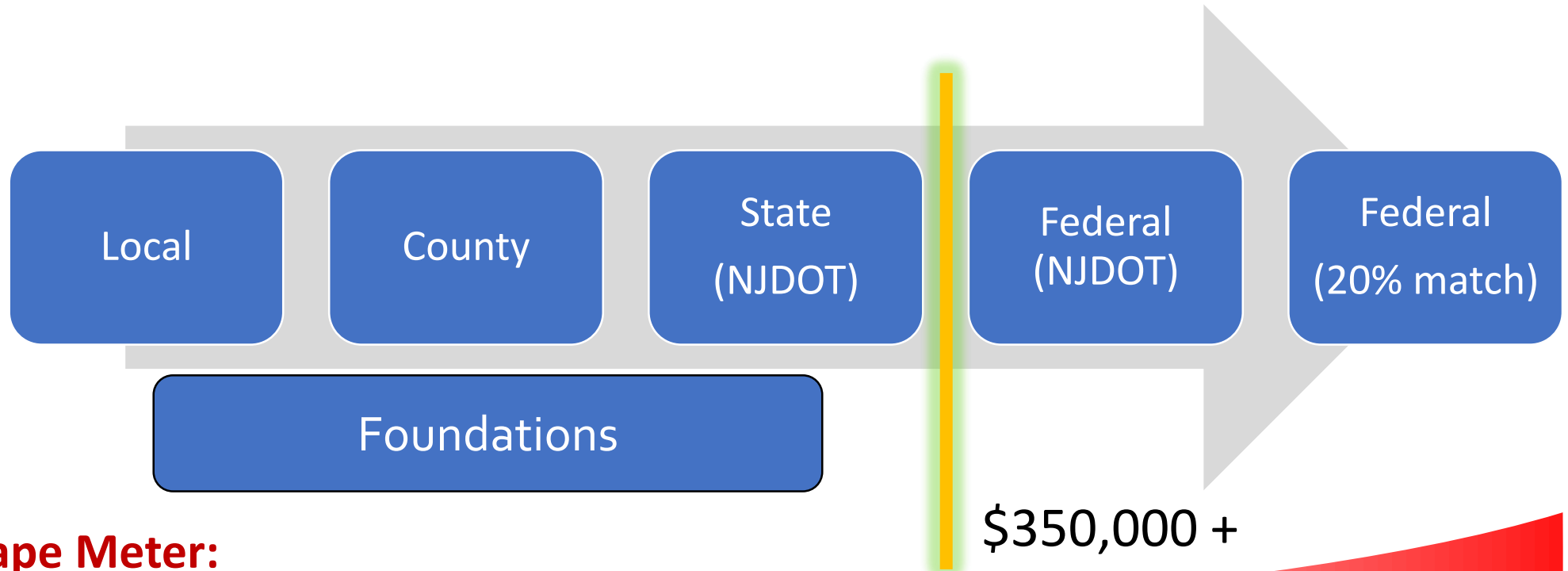
**RUTGERS**

Edward J. Bloustein School  
of Planning and Public Policy

**ALAN M. VOORHEES  
TRANSPORTATION CENTER**



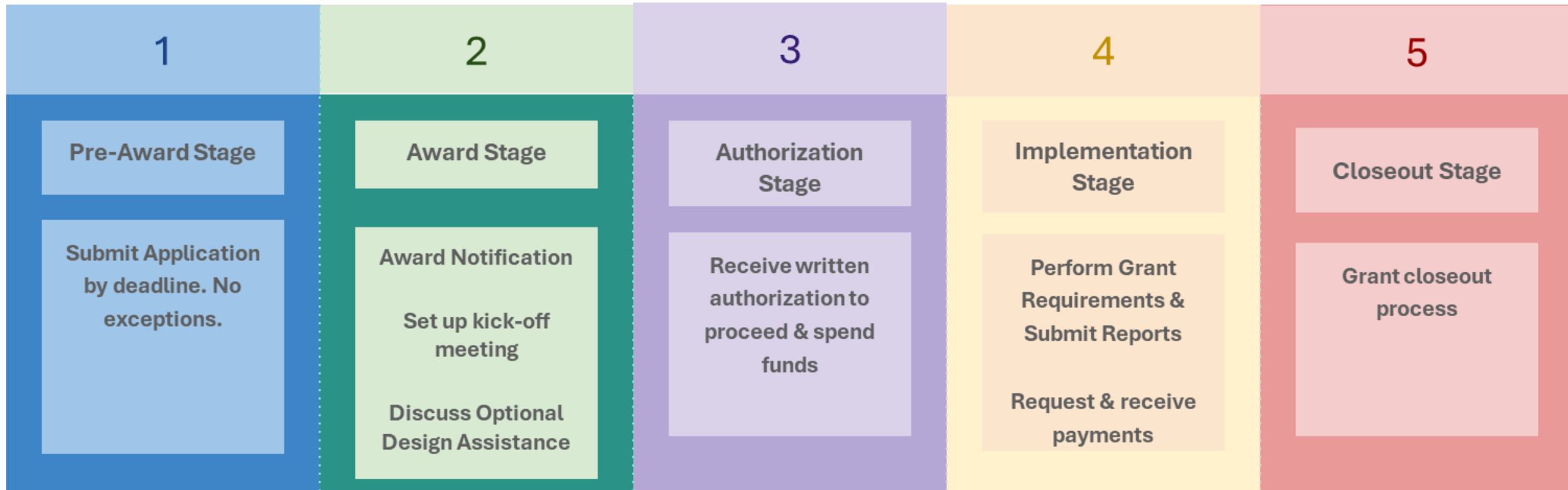
# More Money, More Problems



## Red Tape Meter:

- Administrative Capacity
- Paperwork
- Reporting

# Federal Grant Life Cycle





# NJDOT Federal Grants

- NJDOT covers 20% federal match
- One-on-one meetings are mandatory
- Available Design Assistance Program
- Extra points for Complete Streets Policies
- Equity Considerations









# NJDOT Grant Funding Opportunities

## State Funding Programs

-  County Aid
-  Municipal Aid
-  Local Aid Infrastructure Fund
-  Bikeways
-  Safe Streets to Transit
-  Transit Village
-  Local Bridges Fund
-  Local Freight Impact Fund

## Federal Funding Programs

-  Local Lead Program
-  Transportation Enhancements
-  Safe Routes to School
-  Emergency Relief
-  Transportation Alternatives
-  Local Safety/ High Risk Rural Roads

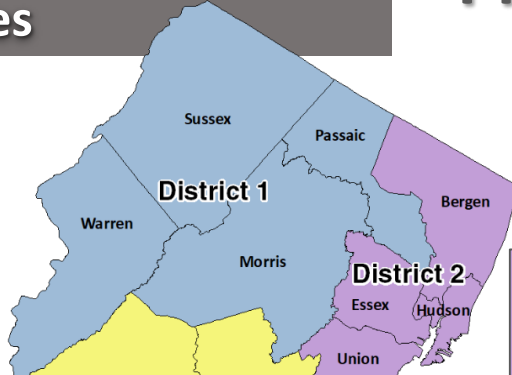


4 regional NJDOT  
Local Aid offices

# Project Selection Partners

3 Metropolitan  
Planning Organizations (MPO)

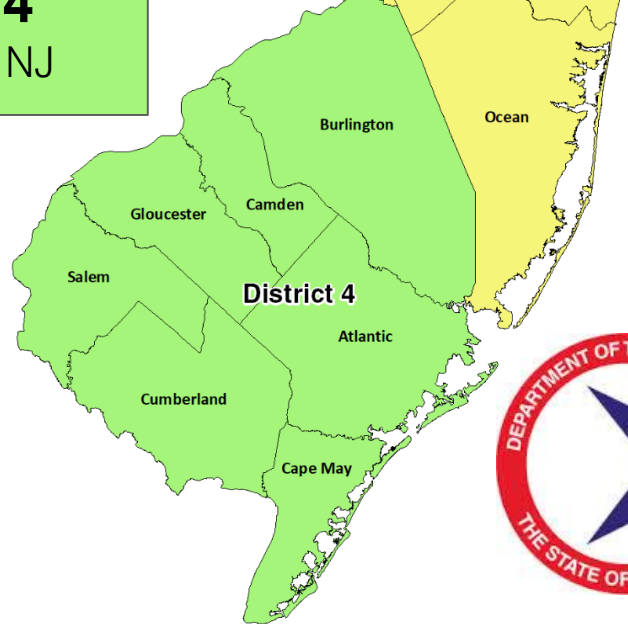
**District 1**  
Mount Arlington, NJ



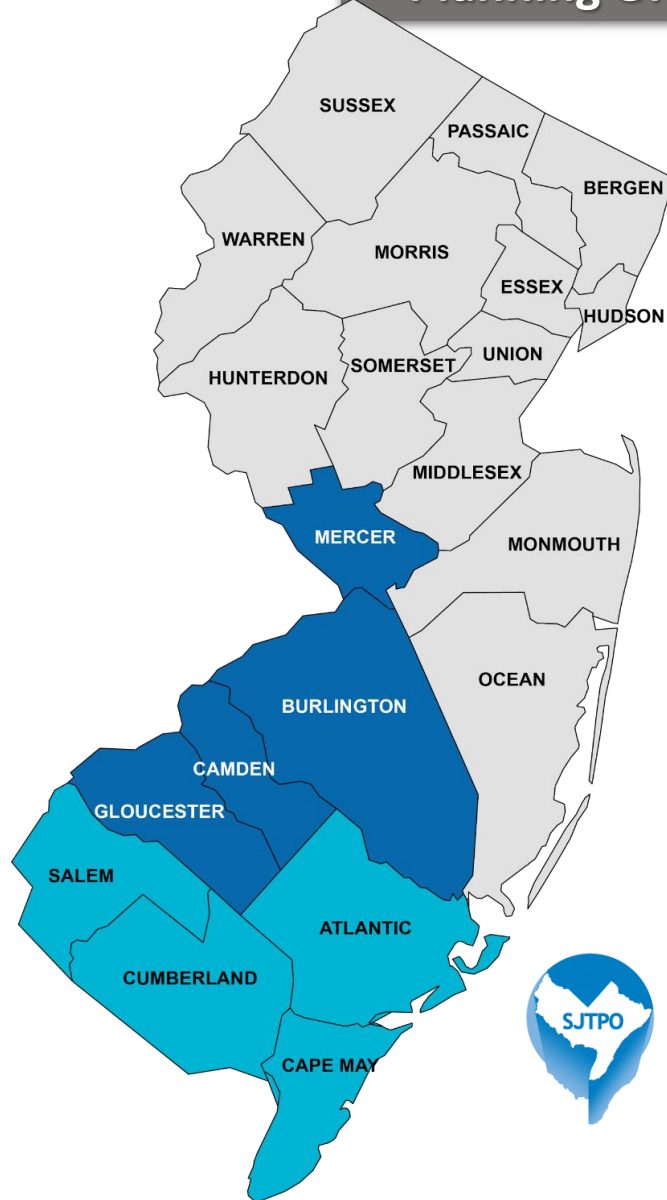
**District 2**  
Newark, NJ



**District 4**  
Cherry Hill, NJ



**District 3**  
Trenton, NJ



# TA Set-Aside

## What is an eligible project?

Must relate to surface transportation

Must be for a complete, identifiable and usable facility or activity (no partial projects that cannot usefully function on their own)

Must meet the criteria for as least one out of 7 categories





1. Design and construction of on-road and off-road trails facilities for non-motorized transportation users



## 7 Eligible Categories



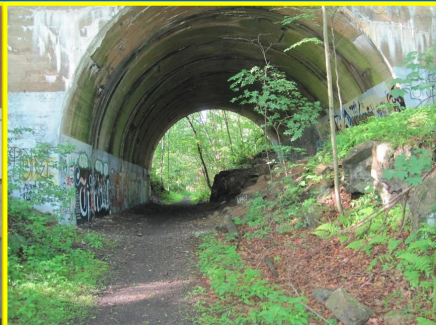
2. Conversion and use of abandoned RR corridors for trails for non-motorized transportation users



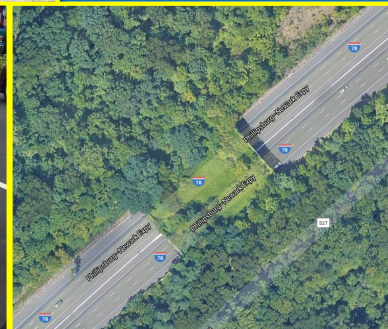
**7 Eligible Categories**



3. Construction of scenic  
turnouts, overlooks and  
viewing areas



**7 Eligible Categories**





## 4. Historic preservation and rehabilitation of historic transportation facilities



# 7 Eligible Categories



5. Community improvement activities e.g. streetscaping and corridor landscaping



# 7 Eligible Categories



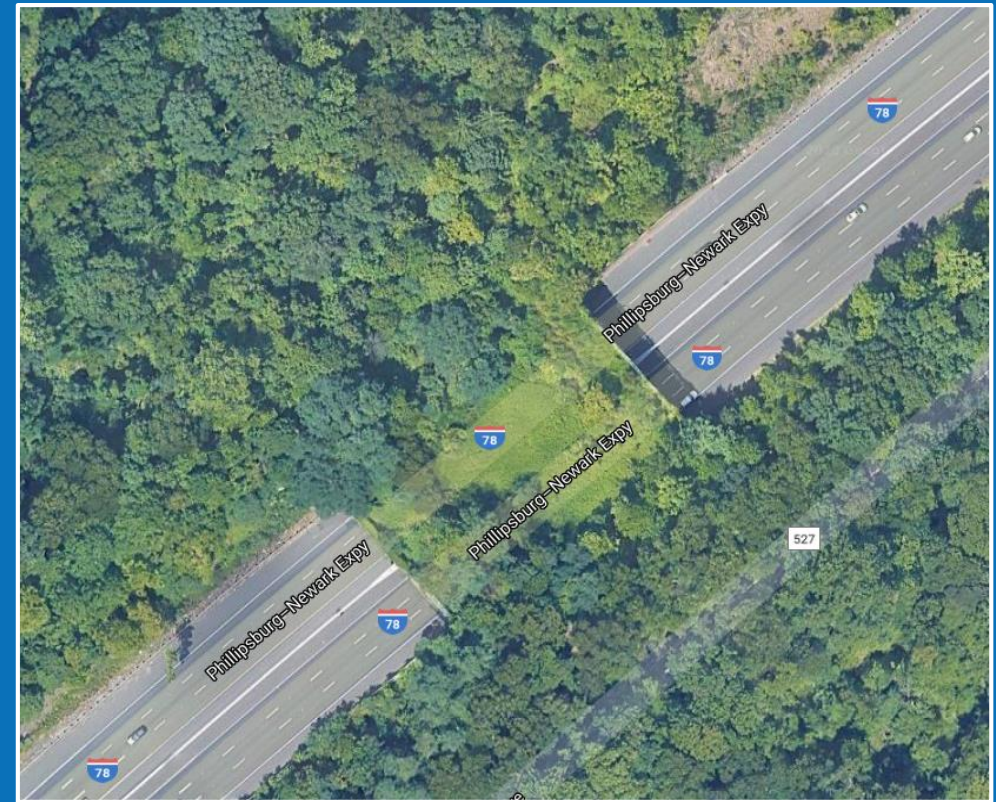
6. Environmental mitigation to address stormwater management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff



## 7 Eligible Categories



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



## 7 Eligible Categories



# TA Set-Aside Grant Rounds

Year	# of Applications Submitted	Requested Amount	# of Grants Awarded	Programmed Amount
2016	133	\$100.9 M	37	\$26.1 M
2018	120	\$99.8 M	25	\$14.4 M
2020	133	\$113.8 M	14	\$9.86 M

2023 Programmed Amount = **\$25.2 M**



# Safe Routes to School

## What projects are eligible?

- Facilitate walking and/or bicycling to school
- Must be within 2 miles of a **K-12 school**
- Infrastructure projects only
- Within the public right-of-way and may include projects on private land that have public access easements



# Safe Routes to School Grant Rounds

Year	# of Applications Submitted	Requested Amount	# of Grants Awarded	Programmed Amount
2014	141	\$43 M	24	\$6.328 M
2016	99	\$34.6 M	17	\$6.182 M
2018	77	\$41.8 M	18	\$8.629 M
2022	82	\$50.83 M	31	\$19.579 M

2024 Programmed Amount = **\$20 million**



# Bipartisan Infrastructure Law / IIJA Funds

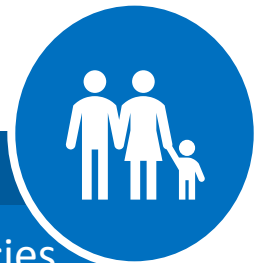
- \$1.2 trillion for the nation's surface transportation and drinking water and wastewater legislation
- Additional \$550 billion in funding for new programs in transportation, energy transmission, resilience, and others, approximately half of which goes to the USDOT over the next five years



- Equity
- Sustainability
- Resilience
- Climate Change
- Safety



- Biking and walking
- Better transit systems
- Complete streets
- Increased local control over transportation projects.



- People-centric Policies
- Focus transportation planning on what is best for people, not automobiles.

# USDOT Discretionary Grants Dashboard

- Resource from USDOT
- Search for all available federal grants for your eligible Complete Streets Project
- Filter by activities, applicants, modes, and more!



## DOT Discretionary Grants Dashboard

The DOT Discretionary Grants Dashboard provides communities with an overview of discretionary grant opportunities that can help meet their transportation infrastructure needs. Designed with all communities in mind, the Dashboard identifies grant programs with rural and Tribal set-asides or match waivers available. The Dashboard also includes Federal grant programs outside of DOT that may be of particular interest to [rural communities](#). An updated *Rural Grant Applicant Toolkit* will soon be published to help rural communities harness the Dashboard. The Dashboard is updated weekly.

[The DOT Navigator](#) is a resource to help communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services.

 [Download CSV](#)

Eligible Activities	Eligible Applicants		
<input type="text" value="- Any -"/>	<input type="text" value="- Any -"/>		
Agency/Office	Transportation Type		
<input type="text" value="USDOT"/>	<input type="text" value="Bike/Ped"/>		
Match Waiver	Rural Set-Aside	Tribal Set-Aside	Status
<input type="text" value="- Any -"/>	<input type="text" value="- Any -"/>	<input type="text" value="- Any -"/>	<input type="text" value="- Any -"/>
Keywords			
<input type="text"/>			
<input type="button" value="Apply"/>			

<https://www.transportation.gov/grants/dashboard>



# Greg's CS Project Hot Picks!



## Safe Streets and Roads for All (SS4A)

Comprehensive Safety Action Plans  
Demonstration Projects welcome!  
\$1 Billion + in funding annually through 2026



## Reconnecting Communities & Neighborhood Access

Focus on improving community connectivity  
Mitigating harmful effects of past transportation projects



## PROTECT

Promotes nature-based solutions to address climate change  
Creative solutions for 'greening' the transportation network

# Tips for Maximizing Your Application



Have a complete plan



Tell your safety story



Ask for all the right things



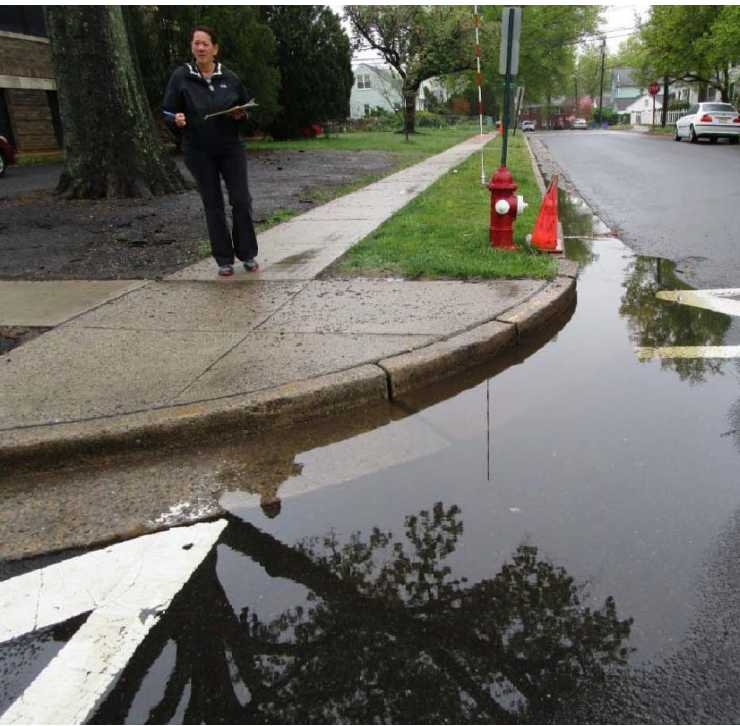
# Have a Complete Plan

- Show the project's context within a larger, comprehensive plan
- Many grant programs provide extra points for:
  - Having passed a **Complete & Green Streets resolution, policy, or ordinance**
  - Having adopted a comprehensive safety **Action Plan**:
    - **Vision Zero**
    - **Local Road Safety**
    - **Safe Streets & Roads for All**
  - Having earned **Sustainable Jersey Points**



# Tell Your Safety Story

- Show the very real, on-the-ground problem
- Describe and depict existing conditions
- Connect the safety problems to the existing conditions



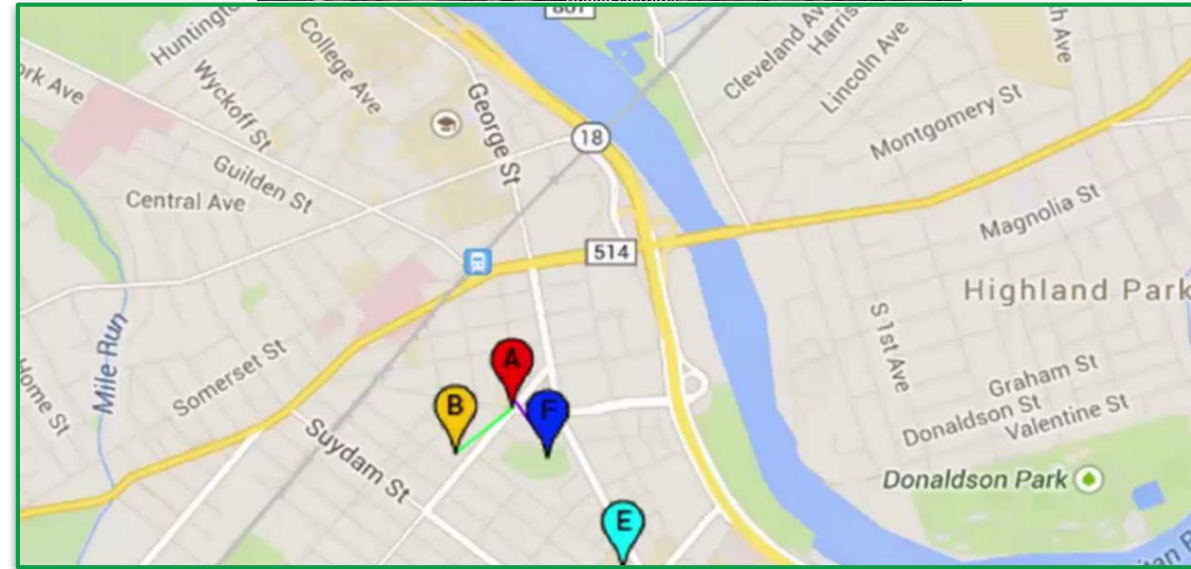


# Tell Your Safety Story

- Include maps that provide context:
  - Project location within the larger area
  - Project area extent
  - Nearby locations of importance (transit, landmarks, commercial districts, schools, hospitals)
- Don't skimp on the details



**Bartle Elementary School  
Highland Park, NJ**



# Ask for All the Right Things

## Speed Management



[Appropriate Speed Limits for All Road Users](#)



[Speed Safety Cameras](#)



[Variable Speed Limits](#)

## Pedestrian/Bicyclist



[Bicycle Lanes](#)



[Crosswalk Visibility Enhancements](#)



[Leading Pedestrian Interval](#)



[Medians and Pedestrian Refuge Islands in Urban and Suburban Areas](#)



[Pedestrian Hybrid Beacons](#)



[Rectangular Rapid Flashing Beacons \(RRFB\)](#)



[Road Diets \(Roadway Configuration\)](#)



[Walkways](#)

## Crosscutting



[Lighting](#)



[Local Road Safety Plans](#)



[Pavement Friction Management](#)



[Road Safety Audit](#)



<https://highways.dot.gov/safety/proven-safety-countermeasures>



# Ask for All the Right Things

## Roadway Departure



[Enhanced Delineation for Horizontal Curves](#)



[Longitudinal Rumble Strips and Stripes on Two-Lane Roads](#)



[Median Barriers](#)



[Roadside Design Improvements at Curves](#)



[SafetyEdge<sup>SM</sup>](#)



[Wider Edge Lines](#)

## Intersections



[Backplates with Retroreflective Borders](#)



[Corridor Access Management](#)



[Dedicated Left- and Right-Turn Lanes at Intersections](#)



[Reduced Left-Turn Conflict Intersections](#)



[Roundabouts](#)



[Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections](#)



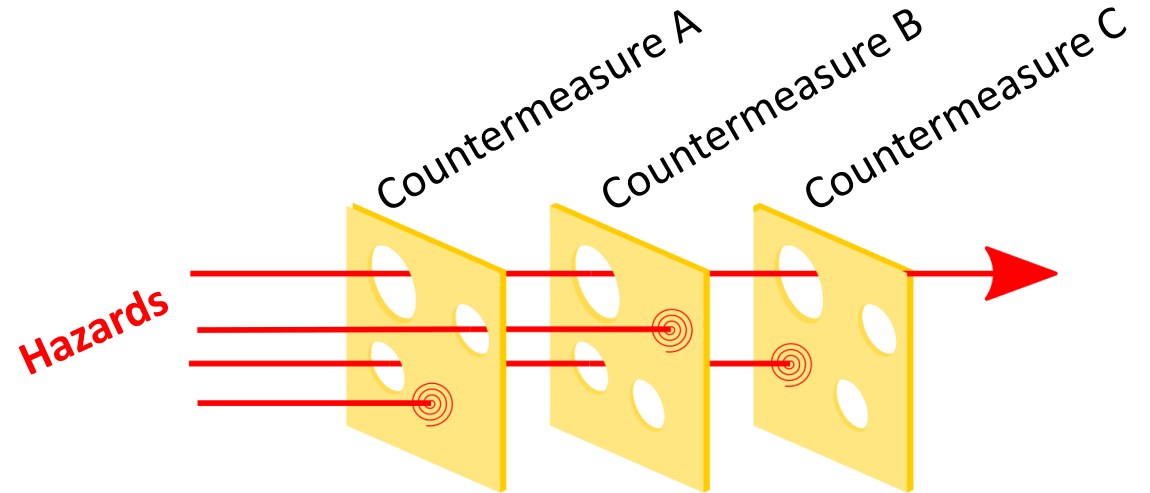
[Yellow Change Intervals](#)



<https://highways.dot.gov/safety/proven-safety-countermeasures>

# Ask for All the Right Things

- **Be comprehensive**
- Select multiple countermeasures intended to solve the identified safety problem(s)
- Many countermeasures can address multiple problems
- Select countermeasures that improve conditions for all road users
- **Reviewers will never ask for more, but they may ask for less**







(609) 649-9395

Ask an Expert



Search



About Us

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PMRS

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Resources

# RESOURCE CENTER

NJDOT LOCAL AID

## SOLICITATIONS OPEN FOR FY 2023 STATE AID PROGRAMS

LEARN MORE

### Contact:

NJDOT Local Aid Resource Center

Telephone: (609) 649-9395

Email: [DOT-LocalAID.ResourceCenter@dot.nj.gov](mailto:DOT-LocalAID.ResourceCenter@dot.nj.gov)

[njdotlocalaidrc.com](http://njdotlocalaidrc.com)



## WE'RE HERE TO HELP YOU

The Local Aid Resource Center is NJDOT's promise to help you! It is a hub for a variety of information and services for Local Public Agencies.

# NJDOT Resources

## Bike/Pedestrian Planning Assistance

- Plans in over 100 towns
- On-call consultants for variety of projects:
  - bicycle and pedestrian circulation studies, pedestrian safety assessments, trail feasibility studies, bikeway plans, crosswalk improvement plans, etc.

### For more information contact:

William Riviere - [william.riviere@dot.nj.gov](mailto:william.riviere@dot.nj.gov)

NJDOT Bureau of Safety, Bicycle and Pedestrian Programs

Visit: [www.nj.gov/transportation/commuter/bike/bppa.shtm](http://www.nj.gov/transportation/commuter/bike/bppa.shtm)





# NJDOT Resources

## Design Guides

- Complete Streets Design Guide
- Complete & Green Streets for All: Model Complete Streets Policy & Guide
- School Zone Design Guide
- School Bike Parking Guide
- Planning for Greenways Guidebook





Public Health  
& Safety



Green Streets



Economy



Equity

# COMPLETE & GREEN STREETS FOR ALL

## MODEL COMPLETE STREETS POLICY & GUIDE

MAKING NEW JERSEY'S COMMUNITIES HEALTHY, EQUITABLE, GREEN & PROSPEROUS



JULY 2019  
(Updated January 2020)

[https://njbikeped.org/wp-content/uploads/2022/08/CS\\_Model\\_Policy\\_2020-R.pdf](https://njbikeped.org/wp-content/uploads/2022/08/CS_Model_Policy_2020-R.pdf)





**NEW JERSEY  
Safe Routes  
Recognition Program**

- Safe Routes to School
- Complete and Green Streets for All
- Bicycle and/or Pedestrian Audit
- Bicycle and/or Pedestrian Plan
- Bicycle and/or Pedestrian Improvements



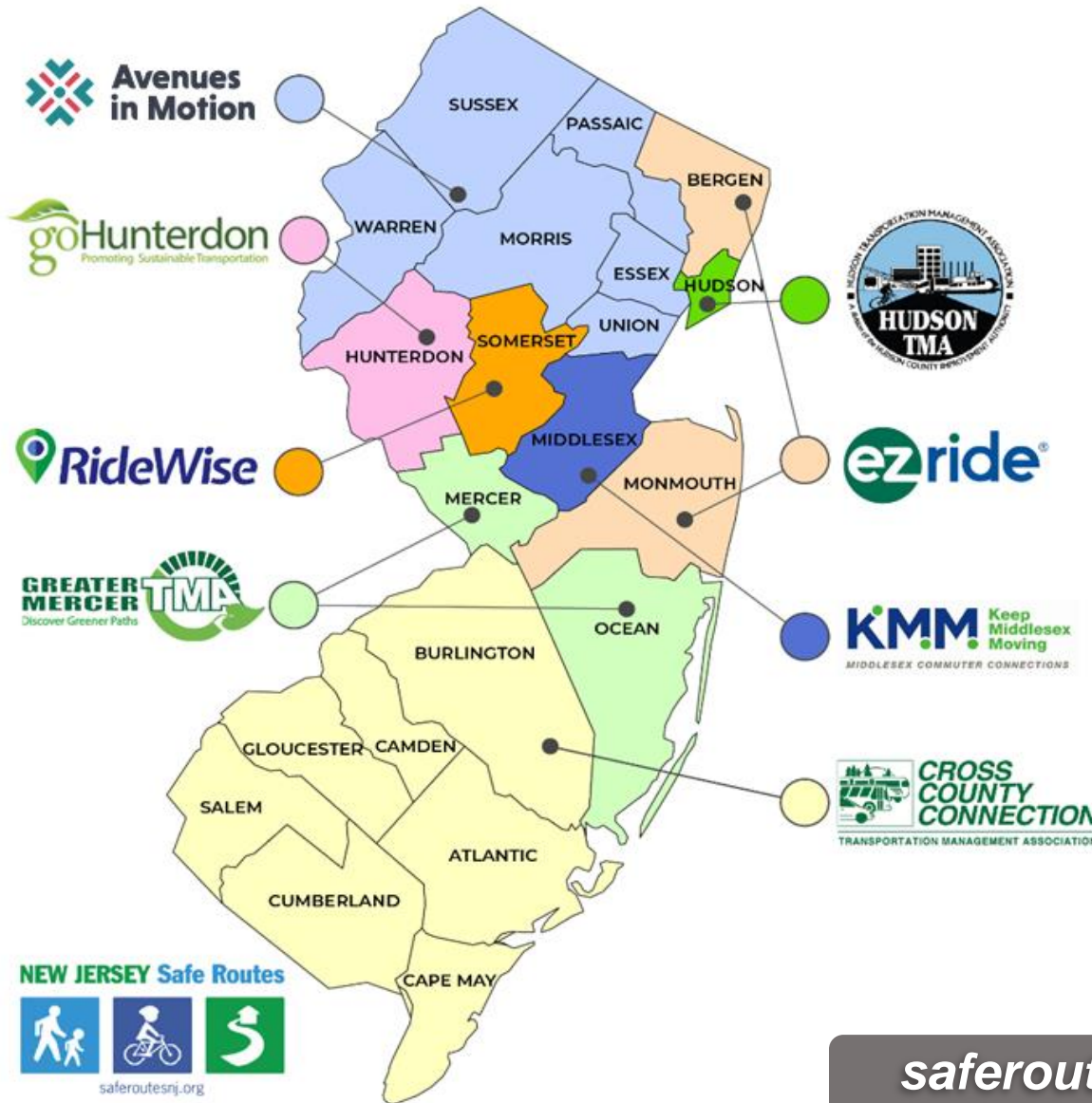
- Safe Routes to School District Policy
- Complete and Green Streets for All
- Bicycle and Pedestrian Safety & Promotion
- School Travel Plan for Walking and Bicycling



- Bicycle Corridor or Network Plan
- Corridor/Neighborhood Complete Streets Assessment
- Walkable Community Workshop
- Complete and Green Streets for All Guidance

# NJ Transportation Management Associations

The counties below are serviced by multiple Transportation Management Associations (TMAs) based on the municipality:



## Passaic County

<b>EZ Ride</b>	Clifton, Haledon, Hawthorne, North Haledon, Passaic, Paterson, Prospect Park
<b>Avenues in Motion</b>	Bloomington, Little Falls, Pompton Lakes, Ringwood, Totowa, Wanaque, Wayne, West Milford, Woodland Park

## Essex County

<b>EZ Ride</b>	Belleville, Bloomfield, Caldwell, Cedar Grove, East Orange, Essex Fells, Glen Ridge, Irvington, Maplewood, Montclair, Newark, North Caldwell, Nutley, Orange, South Orange, Verona, West Orange
<b>Avenues in Motion</b>	Fairfield, Livingston, Millburn, Roseland, Short Hills, West Caldwell

## Union County

<b>EZ Ride</b>	Clark, Cranford, Elizabeth, Fanwood, Garwood, Kenilworth, Linden, Mountainside, Plainfield, Rahway, Roselle, Roselle Park, Scotch Plains, Springfield, Union, Westfield, Winfield
<b>Avenues in Motion</b>	Berkeley Heights, Murray Hill, New Providence, Summit

## Somerset County

<b>Greater Mercer</b>	Montgomery
<b>RideWise</b>	All other municipalities in Somerset County

[saferoutesnj.org/find-your-srts-regional-coordinator](http://saferoutesnj.org/find-your-srts-regional-coordinator)



# NJ Safe Routes Resource Center

- Estimating Improvement Costs
- Models: School Wellness Policies, Support Letters, Resolutions
- School Travel Plans
- NJ Safe Routes to School Recognition Program
- Sustainable Jersey
- Crossing Guard Resources
- Grant Training Webinars



NEW JERSEY Safe Routes



saferoutesnj.org

RUTGERS

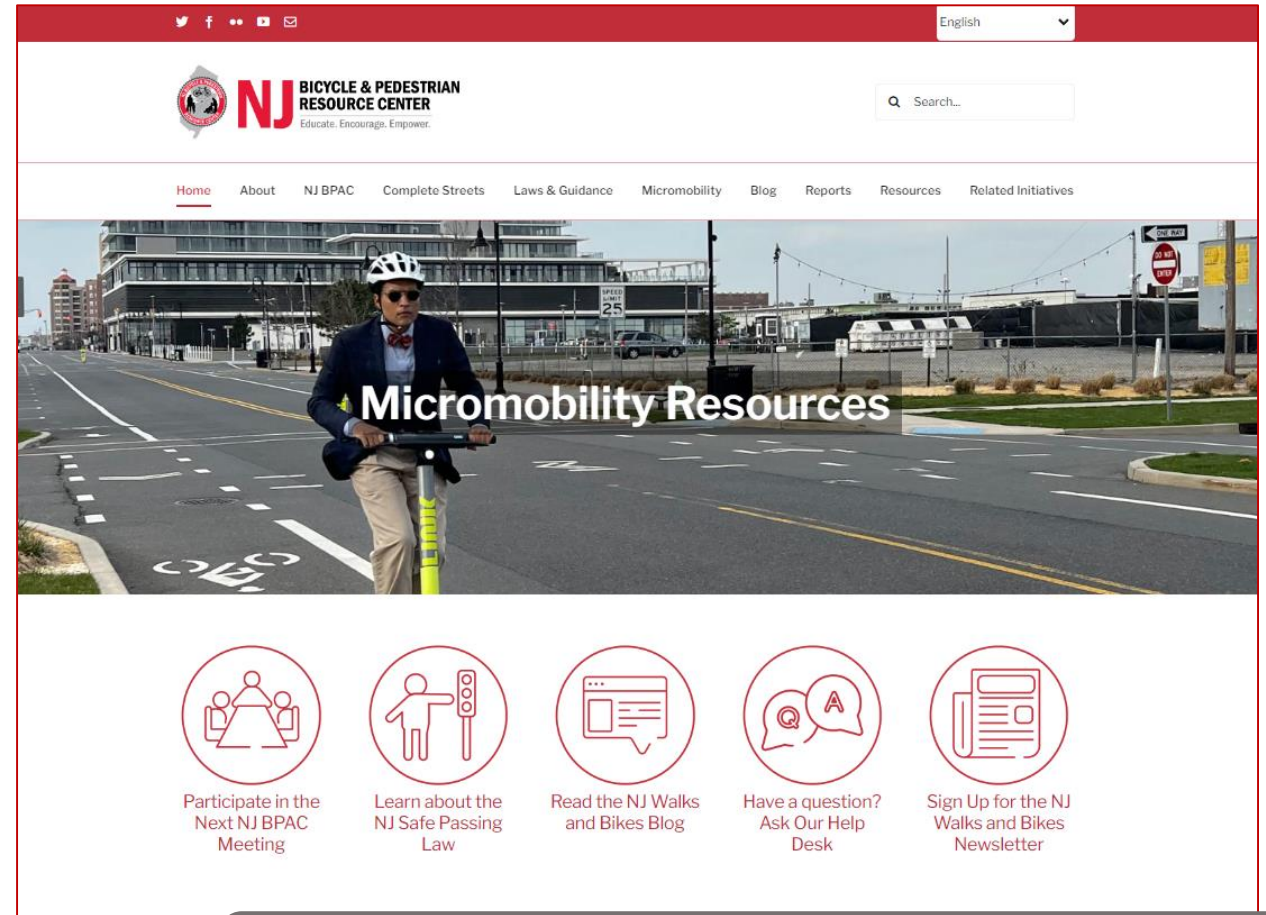
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saferoutesnj.org

# NJ Bicycle & Pedestrian Resource Center

- Help Desk
- NJ Bicycle and Pedestrian Advisory Council
- NJ Walks & Bikes Newsletter
- Laws & Guidance
- Complete Streets
- Research Reports



[njbikeped.org](http://njbikeped.org)



# Thank you!



**NJ BICYCLE & PEDESTRIAN  
RESOURCE CENTER**  
Educate. Encourage. Empower.

**NEW JERSEY  
Safe Routes to School**



[www.saferoutesnj.org](http://www.saferoutesnj.org)

## Contact:

NJ Bicycle & Pedestrian Resource Center  
[njbikeped.org](http://njbikeped.org)

Telephone: (848) 932-3714

Email: [bikeped@ejb.rutgers.edu](mailto:bikeped@ejb.rutgers.edu)

## Contact:

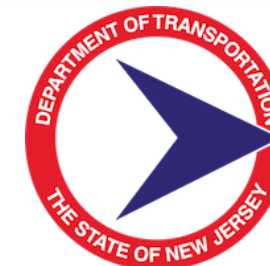
NJ Safe Routes Resource Center  
[saferoutesnj.org](http://saferoutesnj.org)

Telephone: (848) 932-7901

Email: [srts@ejb.rutgers.edu](mailto:srts@ejb.rutgers.edu)

**RUTGERS**

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of Planning and Public Policy





# Questions

- Hector Lora, Mayor, City of Passaic, [mayor@cityofpassaicnj.gov](mailto:mayor@cityofpassaicnj.gov)
- Jennifer Marandino, Executive Director, SJTPO, [jmarandino@sjtpo.org](mailto:jmarandino@sjtpo.org)
- Peter Bilton, Manager, Sustainable Transportation Planning, NJTPA, [pbilton@njtpa.org](mailto:pbilton@njtpa.org)
- Gabrielle Bennet-Meany, Green Team Chair, Belleville, [gabriellebennettmeany@gmail.com](mailto:gabriellebennettmeany@gmail.com)
- Greg Woltman, Research Project Coordinator, Voorhees Transportation Center, Rutgers University, [Gregory.woltman@ejb.Rutgers.edu](mailto:Gregory.woltman@ejb.Rutgers.edu)

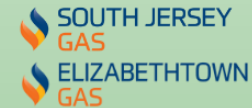


# Sustainable Jersey Underwriters and Sponsors

## Program Underwriters



## Corporate Sponsors





# Thank You

<https://www.sustainablejersey.com/resources/presentations/njlm-conference/>





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