



SAFE STREETS FOR ALL



MEADOWLANDS ACTION PLAN FOR SAFETY
(MAP4S)



NJSEA | Meadowlands Action Plan for Safety (MAP4S)

Safety Task Force Meeting #6

April 30, 2025

Project Team



Nadereh Moini,
Chief of Transportation

Michael Baker
INTERNATIONAL

Project Management
Anthony Durante, Senior Associate



Data Collection & Analysis
Matthew Maher, Principal



Safety Assessment Tool
Cory Hopwood, Traffic Safety
Engineer



Outreach & Engagement
Jessie Cohen, Outreach Lead

**SAFETY TASK
FORCE**

Safety Task Force Members

THANK
YOU!

Municipalities

- Carlstadt – **Hernan Lopez**, OEM Director
- East Rutherford – **Francis Joseph Jr.**, OEM Director
- Jersey City – **Lyndsey Scofield**, Senior Transport Planner
- Kearny – **Carol Jean Doyle**, Mayor
- Little Ferry – **Lisette M. Duffy**, Borough Administrator
- Lyndhurst – **Michael Carrino**, Police Captain
- Moonachie – **Richard Behrens**, Chief of Police
- North Arlington – **Daniel H. Pronti**, Mayor
- North Bergen – **Janet Castro**, Town Administrator
- Ridgefield – **Joe Greco**, OEM Director, and **Kenny Sheridan**, Deputy Chief of Police
- Rutherford – **Robert Kakoleski**, Borough Administrator, and **Anthony Bachmann**, Traffic Bureau Coordinator
- Secaucus – **Lieutenant Martin Moreda**, Director of Traffic Bureau
- South Hackensack – **Michael J. Ward**, OEM/Safety Coordinator, and **Robert Chinchar**, Police Chief
- Teterboro – **Nicholas Saros**, Municipal Manager

Counties

- Bergen County – **Peter Kortright**, Principal Planner
- Hudson County – **Francesca Giarratana**, Dept. Deputy Director

Transportation Agencies

- EZ Ride – **Krishna Murthy**, President & CEO
- PANYNJ – **Kevin Walkes**, Traffic Engineer
- NJSEA – **Christopher Stefanacci**, Director of Public Safety
- NJ Turnpike Authority (NJTA) – **Janet Sharkey**, Supervising Engineer, Traffic
- NJTPA – **Lois Goldman**, Director of Long-Range Transportation Planning
- NJ TRANSIT – **Michael Viscardi**, Director Programmatic Planning

Non-Profit Organizations & Businesses

- Bike North Bergen – **Johan Andrade**, President
- Hackensack Meridian Health – **Elizabeth Koller**, VP Administrator IHSC Operations
- Hartz Mountain Industries – **Grant Lewis**, VP of Site Development and Engineering
- HRP Group – **Jeremy Grey**, Executive VP of Industrial Development
- Kearny Public Schools – **Mark Bruscino**, Director of Operations
- Meadowlands Chamber of Commerce – **James Kirkos**, CEO, and **Judy Ross**, Senior Director of Operations
- NJ Bike Walk Coalition – **Debra Kagan**, Executive Director

Agenda

SAFE STREETS FOR ALL



MEADOWLANDS ACTION PLAN FOR SAFETY
(MAP4S)

- STF Role, Meetings
- Project Location Prioritization
- Sample Safety Projects
- Safe System Policy Action Items
- Performance Measures
- Safety Assessment Tool (SAT) Update
- Next Steps

Safety Task Force (STF)

Role:

- Participate in STF meetings and surveys
- Provide input on topics concerning the project
- Provide feedback on planned community engagement activities and assist in outreach facilitation
- Identify local stakeholders for additional input
- Provide feedback on project materials, safety recommendations, and SAT
- Provide feedback on final plan

Meeting #1 – March 27, 2024

- Kickoff meeting to introduce project, desired outcomes, outreach activities

Meeting #2 – June 20, 2024

- Outreach plan, Preliminary data findings

Meeting #3 – September 25, 2024

- Outreach findings, Safety Assessment Tool introduction, High Injury Network

Meeting #4 – December 12, 2024

- Outreach update, Safety countermeasures, Project ideas, Policy introduction

Meeting #5 – February 25, 2025

- Policy update, Countermeasures matrix, Location prioritization, SAT update/preview

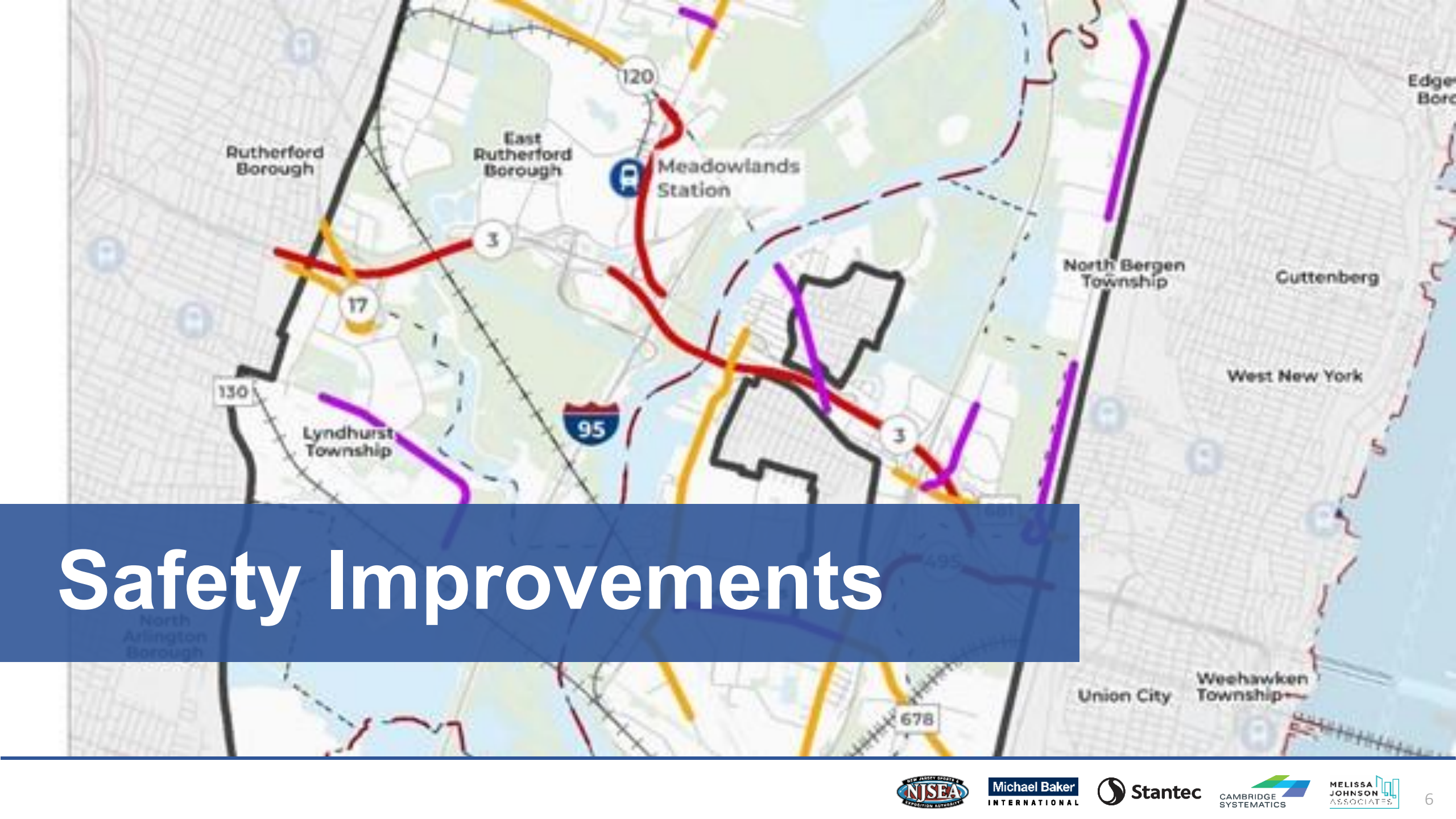
Meeting #6 – TODAY

- Prioritized HIN locations, Safety projects, Policy actions, Near-final SAT

Meeting #7 – June 2025

- Final presentation

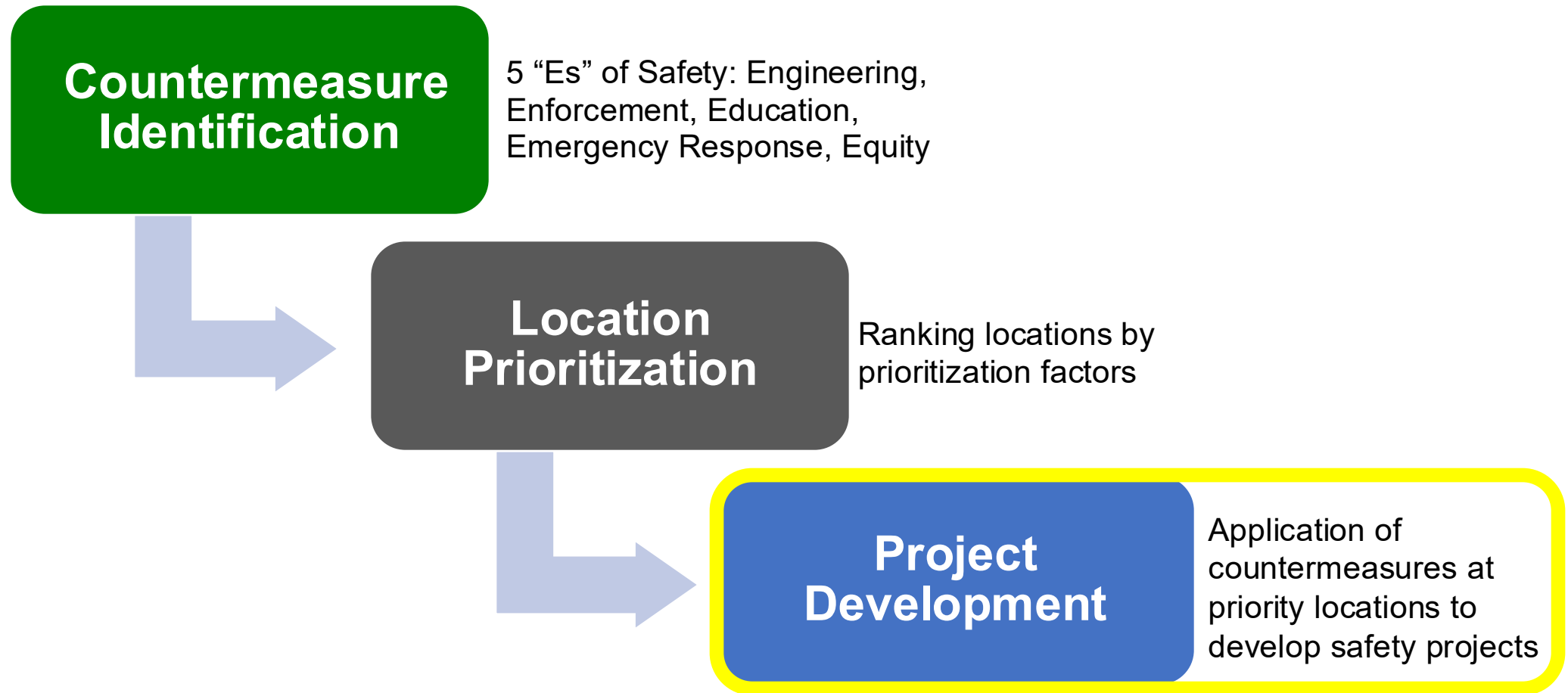
May 2025 (TBC)
SAT User Training



A map of the Meadowlands Station area in New Jersey, showing various municipalities including Rutherford Borough, East Rutherford Borough, North Bergen Township, Lyndhurst Township, North Arlington Borough, Union City, Weehawken Township, and West New York. The map highlights several road segments with colored lines indicating safety improvement projects: red lines along major roads like Route 120 and Route 3; orange lines along Route 17 and Route 130; and purple lines along various local roads and the Hudson River waterfront. Meadowlands Station is marked with a blue train icon. Major highways like I-95 and I-678 are also shown.

Safety Improvements

Safety Project Development



CURRENT STAGE

Project Location Prioritization Methodology

Intent

- Determine locations of greatest “need” for safety treatments
- Need determined by:
 - **Crash Scores**
 - Equivalent Possible Injury (EPI) segment scores
 - **High-Risk Roadway Features**
 - Functional classification, Posted speed limit, Number of lanes, etc.
 - **Demographic Data**
 - Demographic composite score
 - **Public Input Survey Data**
 - Geolocated requests associated for: pedestrian or bicycle infrastructure, safe transit access, and locations with speeding and aggressive driving

Prioritization Weighting Factors

35%

Crash Scores

Equivalent
Possible Injury
(EPI) segment
scores (Max
Score 440)

25%

High-Risk Roadway Features

Functional
classification,
Posted speed
limit, Number of
lanes, etc. (Max
score 10)

25%

Demographic Data

NJTPA
Demographic
Composite Score
(Max score 22)

15%

Public Input Survey Data

Map locations of
where bike paths
or sidewalks don't
exist, aggressive
driving behavior,
lack of bus
shelters, etc.
(Max score 21)

Results: Prioritized Roadway Segments

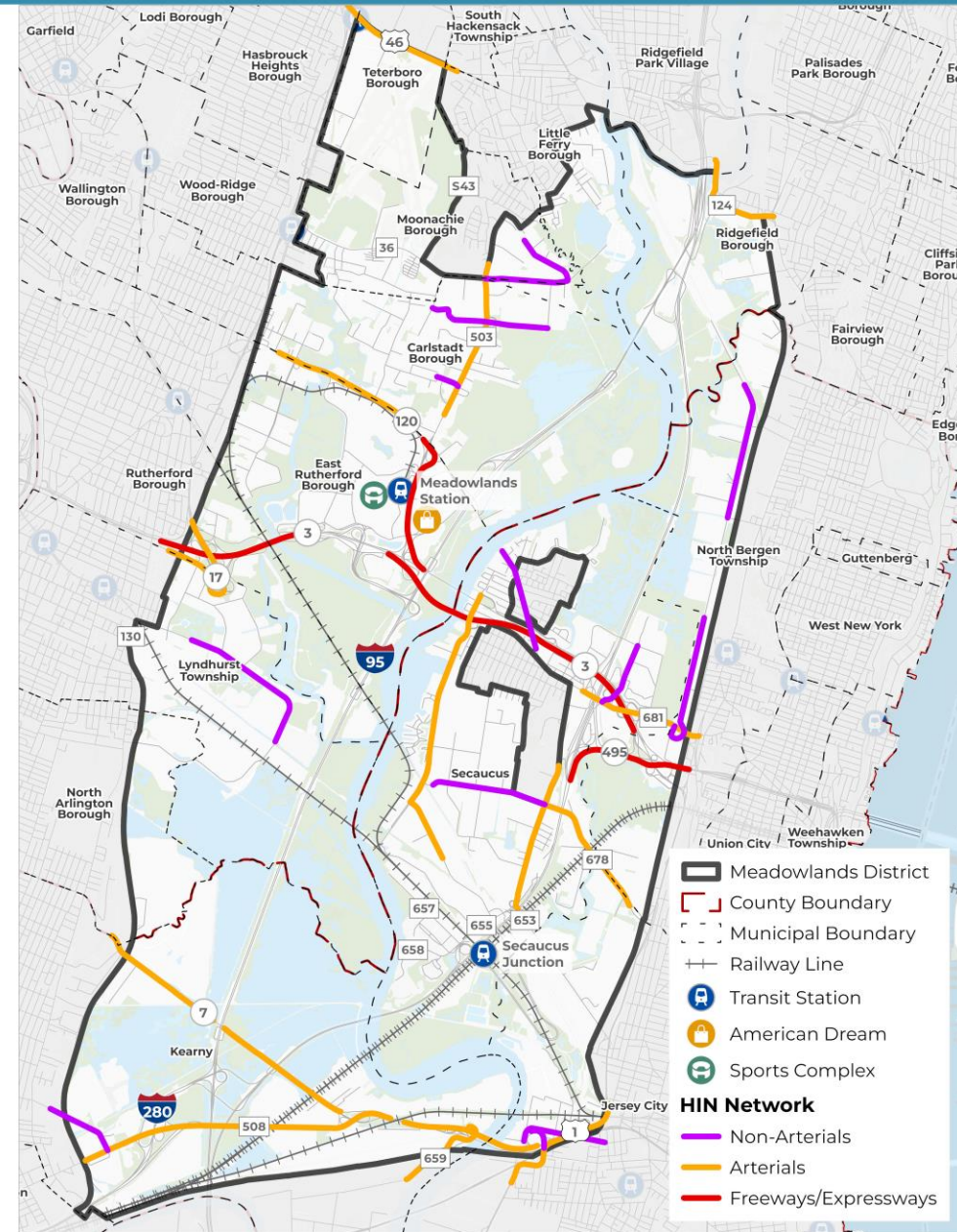
Corridor Ranking	Road Name	Functional Classification	Municipality	Weighted Segment Prioritization Score
1	NJ 3	Other Freeway/Expressway	Rutherford	78.58
2	NJ 3	Other Freeway/Expressway	Secaucus	72.00
3	NJ 3	Other Freeway/Expressway	East Rutherford	68.77
4	ROUTE 508	Minor Arterial	Kearny	49.65
5	HUDSON COUNTY 681	Minor Arterial	North Bergen	49.61
6	NJ 120	Other Freeway/Expressway	East Rutherford	46.96
7	NJ 7	Principal Arterial	Kearny	43.33
8	NJ 7	Principal Arterial	Kearny	42.88
9	NJ 7	Principal Arterial	Kearny	41.98
10	NJ 17	Principal Arterial	Rutherford	39.40
11	NJ 495	Other Freeway/Expressway	Secaucus	38.18
12	US 46	Other Principal Arterial	Teterboro	37.85
13	NJ 120	Other Freeway/Expressway	Carlstadt	37.38
14	ROUTE 503	Principal Arterial	Carlstadt	37.28
15	MEADOWLANDS PKWY	Minor Arterial	Secaucus	36.75
16	WESTSIDE AVE	Major Collector	North Bergen	36.11
17	ROUTE 508	Minor Arterial	Kearny	35.80
18	HUDSON COUNTY 678	Minor Arterial	Jersey City/North Bergen	33.97

Corridor Ranking	Road Name	Functional Classification	Municipality	Weighted Segment Prioritization Score
19	BERGEN AVE	Major Collector	Kearny	32.31
20	MEADOWLANDS PKWY	Minor Arterial	Secaucus	30.87
21	US 1 TRUCK	Local	Jersey City	30.85
22	HUDSON COUNTY 653	Minor Arterial	Secaucus	28.13
23	BERGEN COUNTY 124 I	Minor Arterial	Ridgefield	25.91
24	ST PAULS AVE	Local	Jersey City	25.37
25	HUDSON COUNTY 681	Minor Arterial	Secaucus	24.86
26	FR US 1 TRUCK EB TO NJ 7 NB	Other Principal Arterial	Jersey City	24.27
27	WESTSIDE AVE	Major Collector	North Bergen	23.78
28	HARMON MEADOW BLVD	Local	Secaucus	21.45
29	SECAUCUS RD	Major Collector	Secaucus	20.79
30	VALLEY BROOK AVE	Minor Collector	Lyndhurst	20.67
31	STATE ST	Major Collector	Carlstadt/South Hackensack	20.62
32	HUDSON COUNTY 659	Minor Arterial	Kearny	20.30
33	COMMERCE BLVD	Major Collector	Carlstadt	15.77
34	VETERANS BLVD	Local	Carlstadt	14.48
35	COMMERCE BLVD	Local	Carlstadt	11.41

Projects: Overview

- Engineering-focused safety treatments at 35 highest-scoring priority segments
 - Will share 5 today
- Distributed to jurisdictions for review
- Still in draft form

HIGH INJURY NETWORK (HIN)



Project Spreadsheet Demonstration

Bergen County Roadways in the Meadowlands District

Instructions: Review the suggested safety treatments by roadway in column J. In the fields highlighted in **Orange**, indicate support or lack of support using the dropdown menus, and add additional comments if desired.
For reference, the top three crash types on Bergen County roadways in the Meadowlands District HIN are: Same Direction (Rear End), Right Angle, and Same Direction (Sideswipe).

Road Name	Route #	SRI	MP Start	MP End	Jurisdiction	Municipality	FSI Crashes	VRU Crashes	Safety Improvements	Support?	Comments / Additional Recommendations
Route 503 Washington Avenue (Capelli Sports Center to Moonachie Road)	503	00000503__	0.6	1.6	Bergen County	Carlstadt	3	2	Install high-friction surface treatment throughout corridor.	Yes	
									Upgrade traffic signals throughout corridor to be MUTCD compliant (12" lenses) and include backplates with retroreflective borders. Upgrade to steel poles/mast arms to accommodate backplates.	No	
									Install raised pavement markers throughout corridor.		
									Consider access management techniques to reduce access points near Kero Road.		
									Consider implementing Red Light Running Prediction/Dynamic All-Red Extension.		
Bergen County 124 I Hendrick's Causeway (I-95 to Broad Avenue)	124 I	020001241__	0	0.7	Bergen County	Ridgefield	2	1	Install high-friction surface treatment throughout corridor.		
									Install edgeline striping to reinforce that there is only one lane per direction, or stripe a left turn lane at intersections.		
									Consider parking restrictions within 20-25 feet of intersections (Daylighting) on the minor road approaches from Victoria Terrace to Church Street, to improve sight lines.		
									Evaluate feasibility of reconfiguring Hendricks Causeway intersections with Edgewater Avenue W and Victoria Terrace to include roundabouts or traffic circles to slow turning movements.		
									As an alternative to roundabouts, investigate traffic signals, Pedestrian Hybrid Beacons (PHBs), or Rectangular Rapid-Flashing Beacons (RRFBs) for pedestrian crossings at Edgewater Avenue W and Victoria Terrace intersections. Add high-visibility crosswalks and sidewalk connections. Install sequential dynamic curve warning system.		

Sample Projects

Non-Arterials (Collectors & Local Roads)

16. West Side Avenue, MP 0-1.0

19. Bergen Avenue, MP 1.0-1.6

Arterials

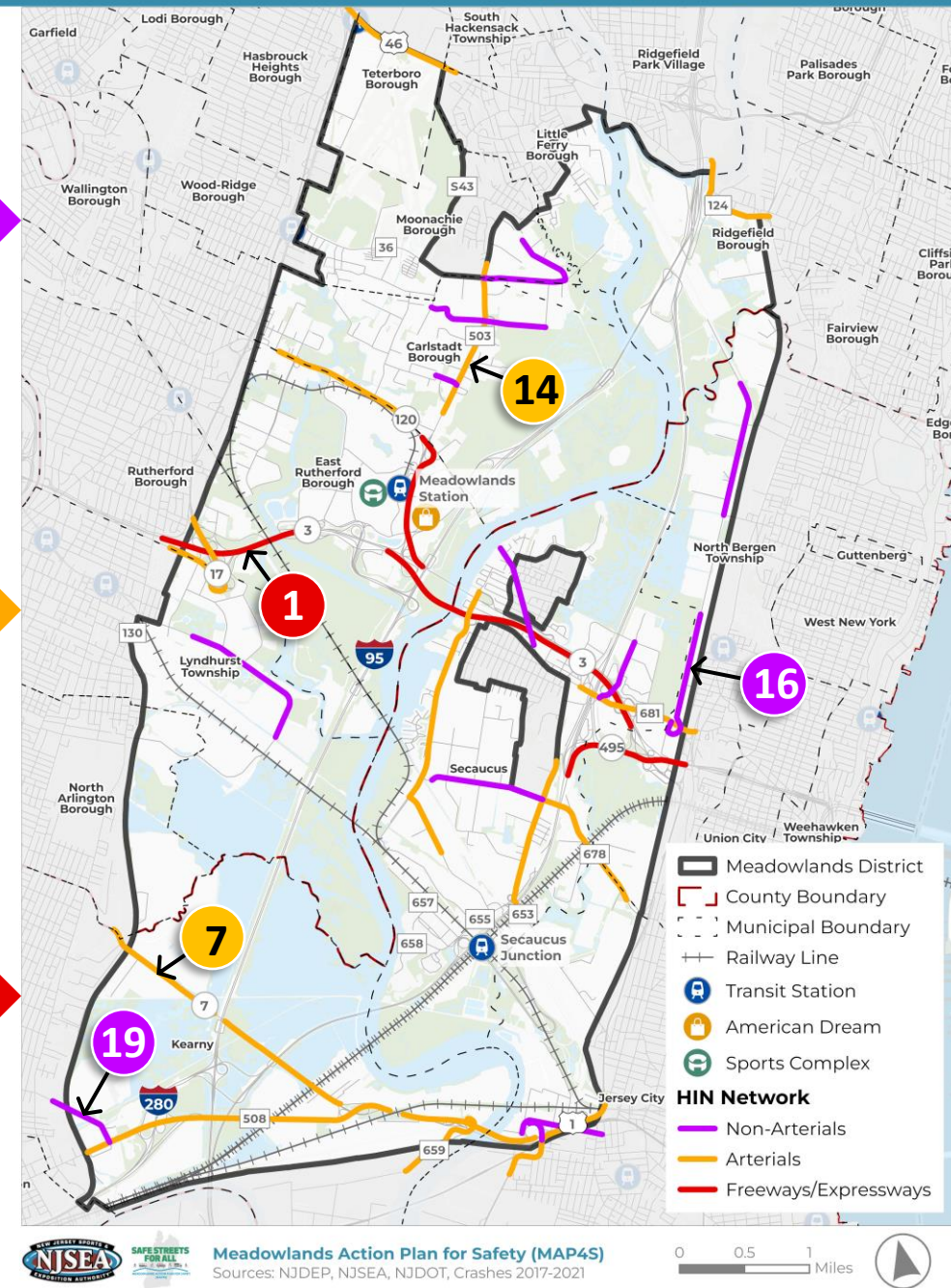
7. Route 7, MP 2.8-3.8

14. Bergen CR 503, MP 0.6-1.6

Freeways/Expressways

1. Route 3, MP 6.0-7.0

HIGH INJURY NETWORK (HIN)



Sample Projects

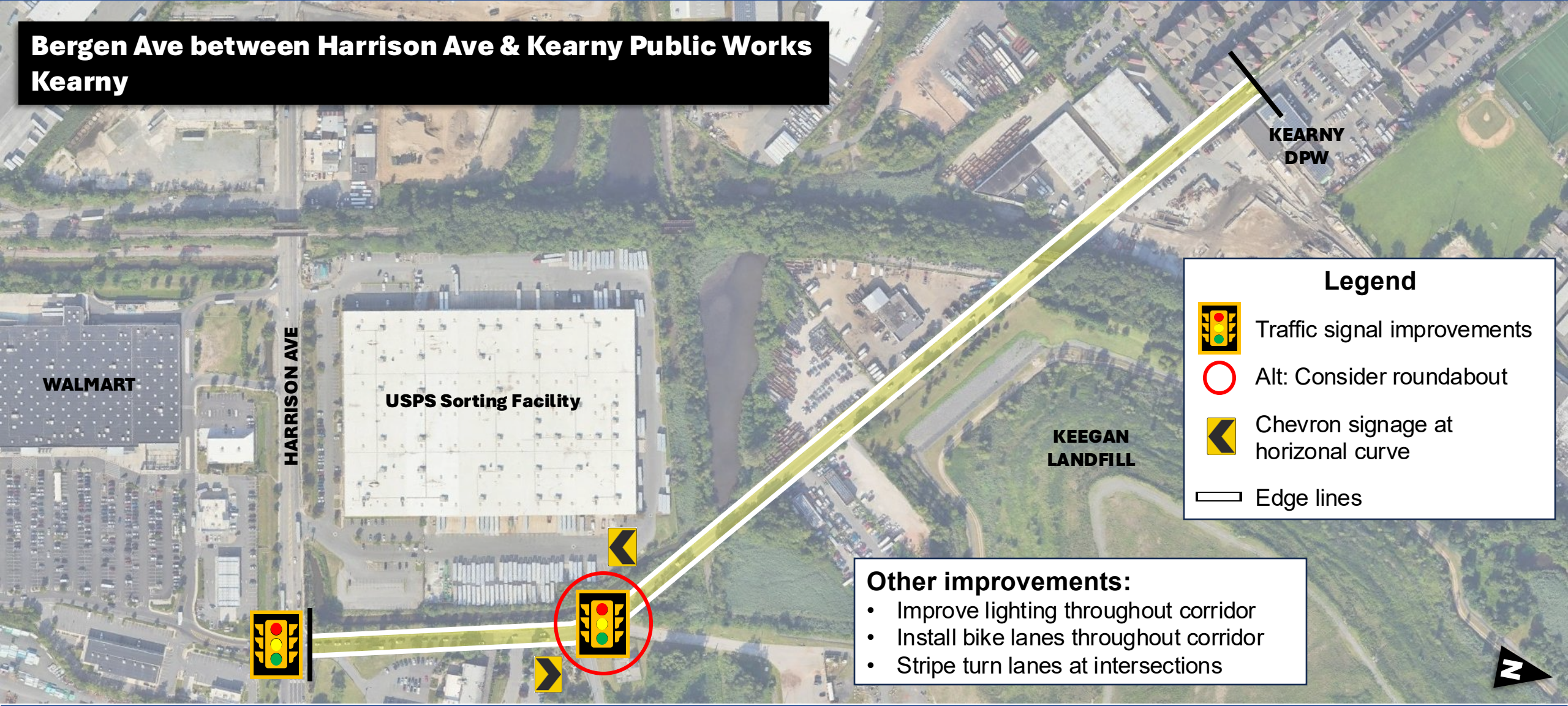
Non-Arterials (Collectors & Local Roads)



Sample Projects

Non-Arterials (Collectors & Local Roads)

**Bergen Ave between Harrison Ave & Kearny Public Works
Kearny**



Sample Projects

Arterials

Belleville Tpke (Rt 7) between Porete Ave & NJ Turnpike Western Spur Kearny



Legend

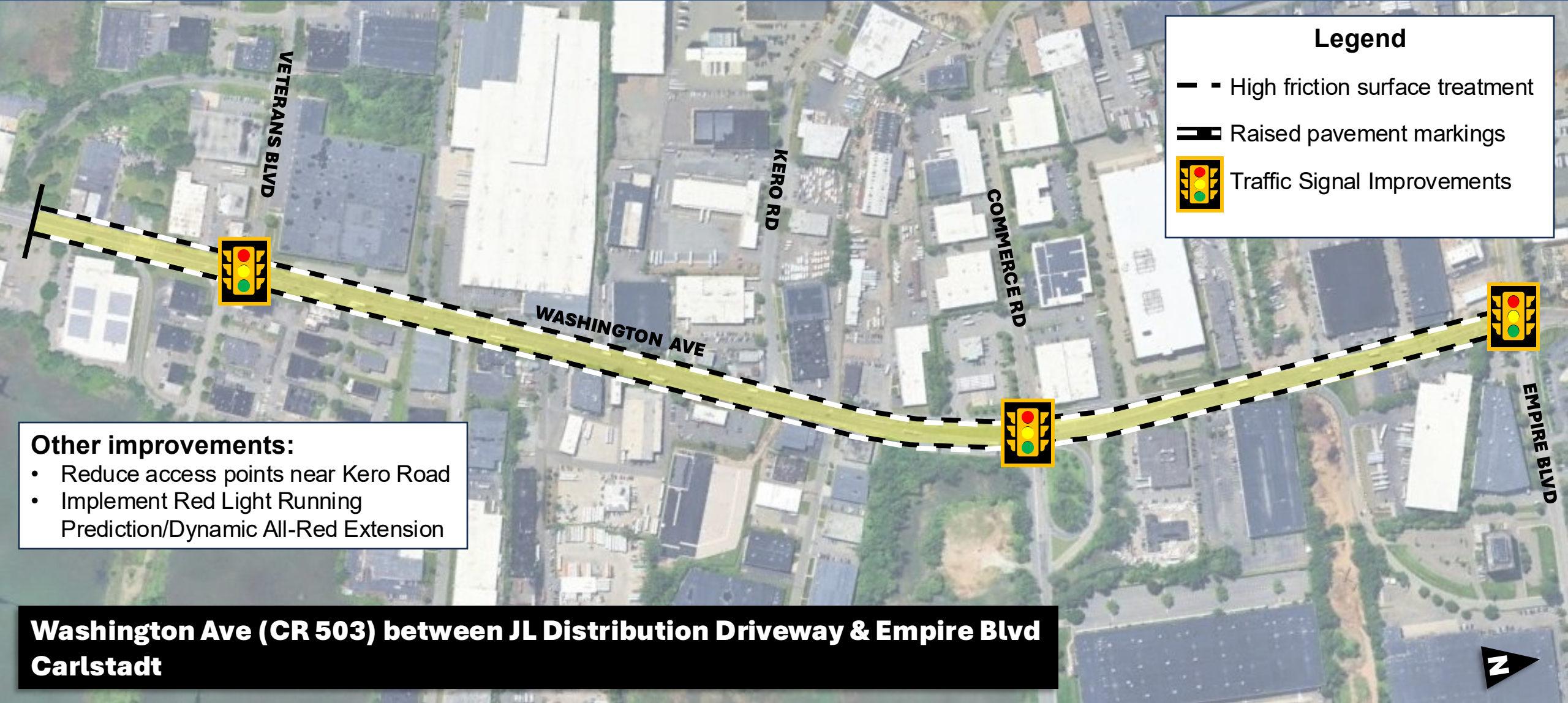
- Edge line rumble strips
- Centerline rumble strips
-  Add left turn lane
-  No Parking Signage
-  Shared use path with marked crosswalks

Other improvements:

- Install shared used path along corridor
- Install high-visibility crosswalks at intersections and major driveways

Sample Projects

Arterials



Sample Projects

Freeways / Expressways

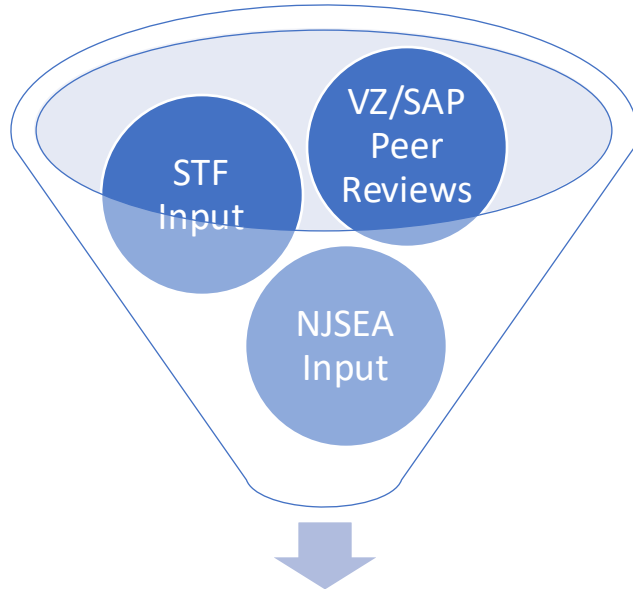






Policy Recommendation Updates

Vision Zero Policy Strategies (14)



**14 Policy
strategies with
actions**

1. Access Management Policies
2. Public Outreach Campaign
3. Vision Zero Progress Monitoring
4. Families for Safer Streets Local Chapter
5. Targeted Enforcement for Speeding
6. Slow Streets Program
7. Engagement with Historically Disadvantaged Areas
8. Roadway and Vehicle Safety Overlay
9. Rapid Response Team / Quick Build
10. Agency Partnerships and Collaborations
11. Healthcare Coordination
12. Demographic Impact Assessment (DIA)
13. Annual Reporting and Evaluation
14. Municipal Complete Streets Policies

Policy Recommendations Review

Thank you for your participation as a Safety Task Force Member!

We asked you to review the policy strategies related to:

1. The degree your agency could assist in implementation
2. If the target year set by the strategy was realistic
3. Any concerns related to strategy implementation

Vision Zero Strategy #1 - Access Management Policies

	Action Items	Responsible Parties	Start Year	Recurrence	Measurable Target Defining Program Success
1	Work with roadway jurisdictions (state, counties, municipalities) and property owners to consolidate or revoke ingress/egress points on roadways with posted speed limits at or above 35 mph	NJSEA, County and Municipal Engineering Departments	2026	Yearly	NJSEA, counties and municipalities to seek to work with property owners to consolidate or revoke at least 3 ingress/egress points per year per agency, triggers to initiate these discussions with property owners include roadway improvement projects (such as resurfacing) or developer applications
2	NJSEA, based on its analysis, to suggest candidate locations to municipalities and counties based on factors such as number of crash, spacing, and/or corner clearance data	NJSEA	2026	As Needed/Yearly	Evaluate pre- vs. post-implementation crash data to document downward crash trend at these locations

What We Heard

Interest in collaboration and resource sharing to align initiatives

- Assist promoting map4s.com website material (EZ Ride)
- Facilitate outreach in disadvantaged communities (Jersey City)

Generally, target years were said to be reasonable

Only a few concerns

- Differing opinions on FSSNJ... “Work with municipalities” vs. “Work with Hudson County Complete Streets and more about connecting and collaborating with the state chapter.” (#4)
- Road users are not necessarily residents which may make it challenging to create a working group based on demographics (#7)

Policy Strategy Ranking

#	Vision Zero Strategy	Timeline	Priority	Lead Agencies	Supporting Agencies
10	Agency Partnerships and Collaboration	  		NJSEA	COC, Various Businesses, STF, NJDOT, Muni./Cty.
13	Annual Reporting and Evaluation	  		NJSEA	STF
3	Vision Zero Progress Monitoring	  		NJSEA	EZ Ride, STF
11	Healthcare Coordination	  		Community Health Orgs.	NJSEA, police, EMT, EMS
14	Municipal Complete Streets Policies	  		Bergen/Muni. Planners	NJSEA
1	Access Management Policies	  		Counties, Municipalities	NJSEA
4	Families for Safer Streets Local Chapter	  		FSSNJ, School Dist.	NJSEA, PDs, TMAs, NJDOE
6	Slow Streets Program	  		Muni./Cty. Engineering	NJSEA, EZ Ride
9	Rapid Response Team / Quick Build	  		Muni./Cty. Engineering	NJSEA, STF, PDs
2	Public Outreach Campaign	  		NJTPA, TMAs	School Dist., Muni. Police, NJSEA, NJBWC, STF
7	Engagement with Historically Disadvantaged Areas	  		NJSEA	Applicable municipalities, NJDOT, STF, EZ Ride
5	Targeted Enforcement for Speeding	  		Muni./County PDs	Muni./County DPW, EZ Ride
12	Demographic Impact Assessment (DIA)	  		NJSEA	STF
8	Roadway and Vehicle Safety Overlay	  		NJDOT, NJSP	NJSEA, STF

Policy Strategy Ranking

Timeline

- Near-term (0-3 years in red)
- Mid-term (3-5 years in beige)
- Long-term (5+ years in blue)

Safety Priority

- High priority items (up arrow in red) assume an immediate and measurable benefit related to safety.
- Medium priority items (no arrow in beige) assume a relatively moderate benefit for safety.
- Low priority items (down arrow in blue) assume a marginal benefit for safety.
- Based on an ability to reduce FSI crashes.

Policy Next Steps

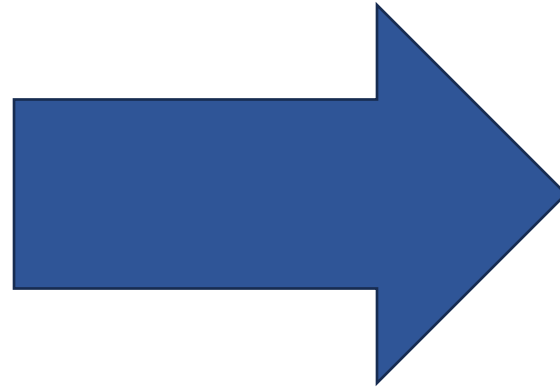


Highest Ranking Strategies

- Agency Partnerships and Collaboration (#10)
- Annual Reporting and Evaluation (#13)
- Vision Zero Progress Monitoring (#3)

Launching the Plan

Establish a permanent
Safety Task Force



Solidify regional commitment by:

- Signing a Memorandum of Understanding (MOU) to utilize the Safety Toolbox of Countermeasures and to meet on a regular (i.e., quarterly) or annual basis.
- Issue an annual MAP4S Plan to document District FSI crash data and summarize the status of each strategy.
- Incorporate Vision Zero and recommended MAP4S policies into the everyday administrative functions of NJSEA's departments.

Plan Adoption Procedure



Final Draft Plan completed



Public hearing performed



Post 30-day open comment period, any final edits will be made



Final Plan presented to the NJSEA Board of Commissioners to recommend adoption of the Final Plan



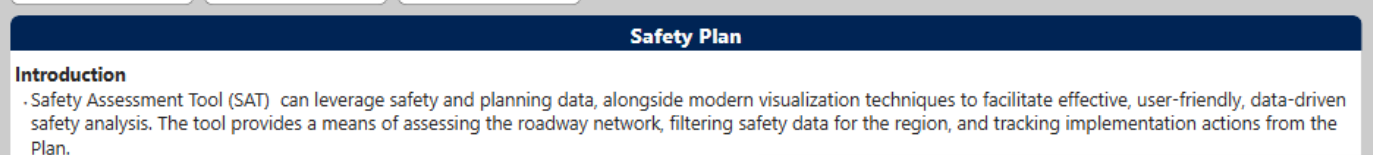
MAP4S Performance Measures



What to Track	How to Track (Measures)*
Plan Administration	Adoption, Continuation of STF, Definition of target year and progress towards goal
Engineering Strategies (“Projects”)	Project phase, crash reduction (CR)
Education Strategies	Number of campaigns/interactions with District stakeholders, CR
Enforcement Strategies	Number of targeted enforcement campaigns, before/after speed data, CR
Equity Strategies	Projects initiated and advanced in/near traditionally underserved communities, ongoing engagement with community stakeholders
Emergency Response Strategies	Creation of Rapid Response Team

*Examples only

The image contains two logos. On the left is the 'SAFE STREETS FOR ALL' logo, which includes the text 'A 501(c)(3) Non-Profit' and 'Promoting Safe & Healthy Streets for All'. On the right is the 'NEW JERSEY SPORTS & NJSEA EXPOSITION AUTHORITY' logo, featuring the acronym 'NJSEA' in large, stylized letters.



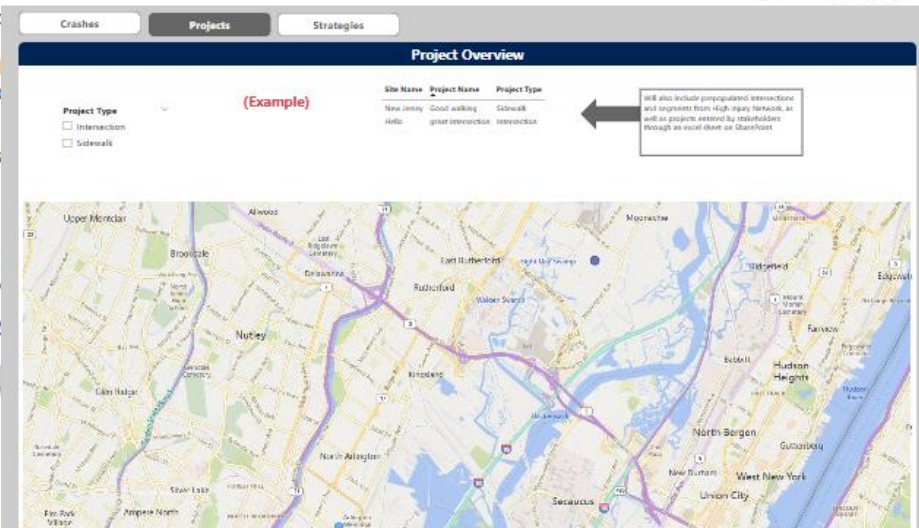
- This page shows a table of the projects which are in progress or planned along intersected with this information with user-inputted data on projects within the NJSEA municipalities.
- Information shown in the project status section is intended to be mostly user-entered to be able to access these spreadsheets and enter their project information, which the dashboard

- Split roughly into four sections: an introductory text box with crash filters, a crash map, a crash tree diagram, and crash trends graph are interactive—selections a user makes by the rest of the crashes page.

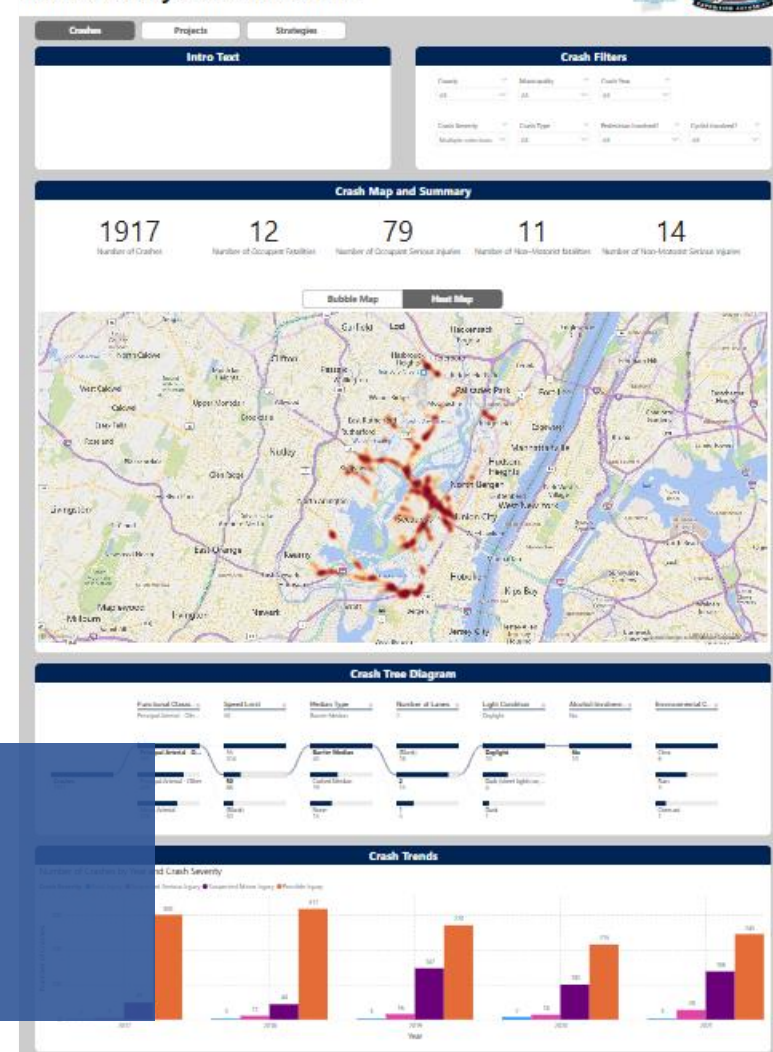
Tracks the implementation of actions and their corresponding safety strategies in the M

For more information, visit the [website](#)

MAP4S Safety Assessment Tool



MAP4S Safety Assessment Tool



Safety Assessment Tool



Next Steps

- Finalize NJSEA safe system policy
- Finalize safety improvement projects for HIN locations
- Produce the draft of Final Plan
- May 2025: SAT Beta testing and user training (virtual)
- June 2025:
 - Publish the draft of Final Plan
 - Final MAP4S-STF meeting (virtual)
- July 2025: Public Hearing
- September 2025: Plan Adoption



Thank You!

Contact us: MAP4S@njsea.com