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U.S. Department of Transportation
Federal Highway Administration



New Jersey Department of Transportation

24th Annual NJDOT Research Showcase



Advancing Equity in Transportation

Michael Russo

Assistant Commissioner

New Jersey Department of Transportation

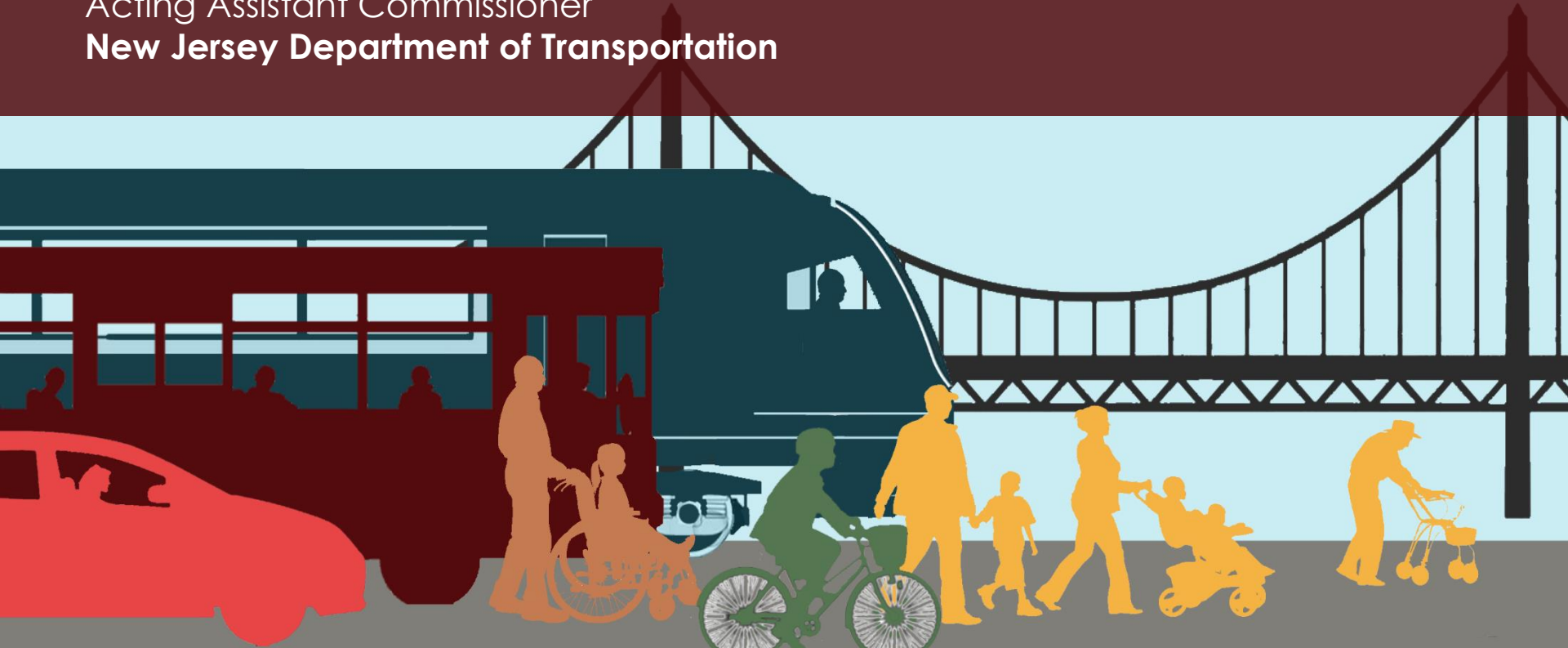


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Parth Oza

Acting Assistant Commissioner
New Jersey Department of Transportation



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Valeriya Remezova

Assistant Division Administrator

Federal Highway Administration New Jersey Division Office



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Advancing Equity in Transportation

Keynote Speaker



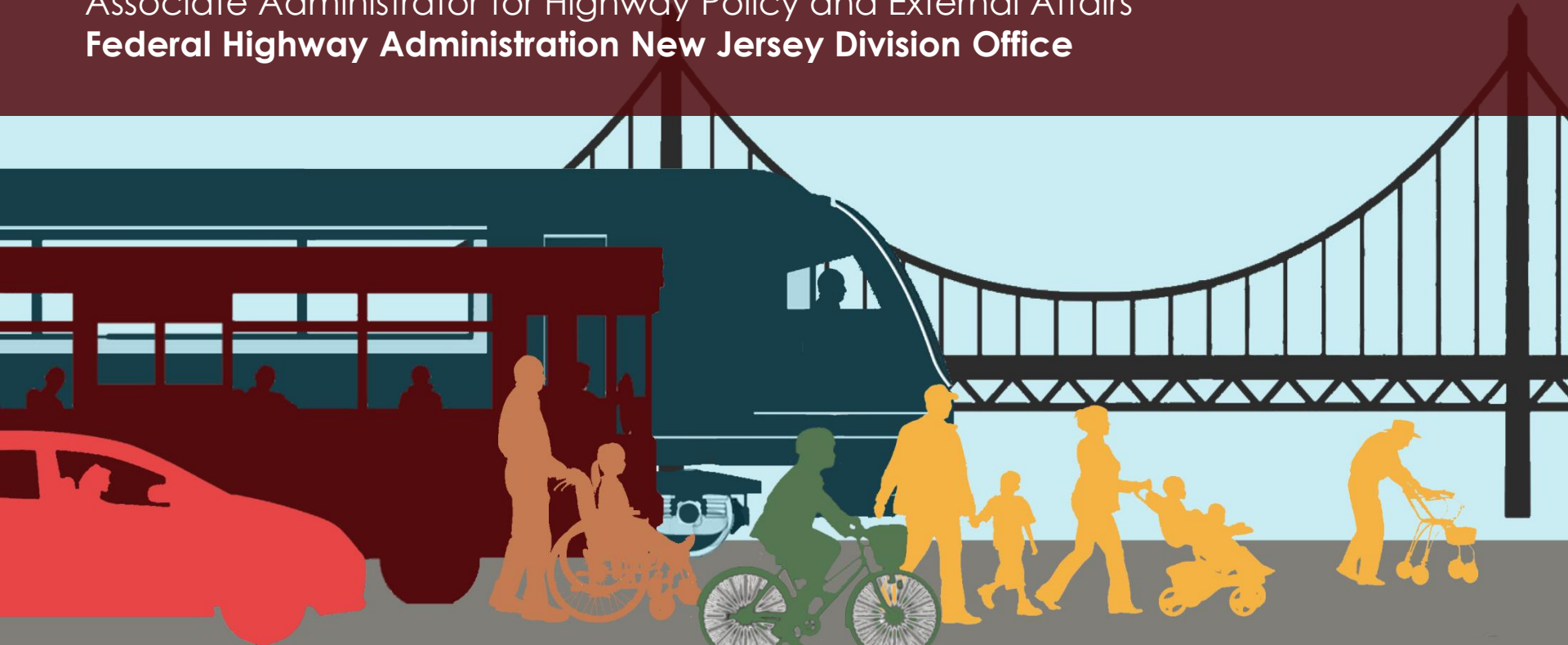
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Keith Benjamin

Associate Administrator for Highway Policy and External Affairs
Federal Highway Administration New Jersey Division Office



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Break

Research Poster Exhibits

Room 214 / 215



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Advancing Equity in Transportation

Perspectives on Advancing Equity in Transportation Panel Discussion

Elkins Green

New Jersey Department of Transportation

Veronica Murphy

New Jersey Department of Transportation

Krishna Murthy

EZ Ride

Andrew Tunnard

New Jersey Department of Transportation

Byron Nicholas

Hudson County Engineering





New Jersey Department of Transportation
Division of Local Aid and Economic Development
Advancing Equity in Transportation

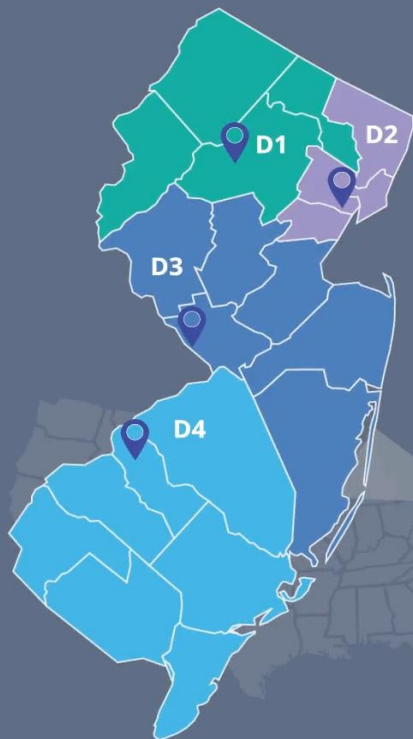


Veronica Murphy, AICP
Division of Local Aid and Economic Development

Division of Local Aid and Economic Development

About Us

Division of Local Aid and Economic Development



DISTRICT OFFICES



21 COUNTIES



564 MUNICIPALITIES

Incorporating Equity

Equity in Transportation

[Home](#) ◦ [About Us](#) ◦ [Equity](#)



Committed to Equity in Transportation

NJDOT is committed to ensuring that the funds allocated in its grant programs are equitably distributed across the state and meet the needs of our more vulnerable and traditionally underserved populations. NJDOT, in collaboration with the state's three Metropolitan Planning Organizations (MPOs), is working to ensure that the Federal Grant program meets the federal and state standards for ensuring equity in grant distribution. NJDOT is also incorporating equity into state aid programs.

Programmatic Changes

Incorporating Equity

Resources



Environmental Justice Screening Tool (EJSCREEN)

Municipalities, Community Groups, and Advocates can use the EJ Screening tool to check if their proposed project will meet the EJ criteria.

[Use the Screening Tool.](#)
[Screening Tool Guide](#)



Federal Executive Order 12898

Federal Actions to Address Environmental Justice (EJ) in Minority and Low-Income Populations (EO).

[Read the Executive Order](#)



U.S. Department of Transportation (DOT)

USDOT EJ Resources

[Read the EJ Strategy](#)
[Read EJ Order 5610.2](#)



Federal Highway Administration (FHWA)

FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.

[Read EJ Order 6640.23](#)



Federal Executive Order 13985

Advancing Racial Equity and Support for Underserved Communities Through the Federal Government

[Read the Executive Order](#)



New Jersey Executive Order 23

Guidance for agencies to incorporate EJ considerations into all actions.

[Learn more](#)

Technical Assistance

THANK YOU!



(609) 649-9395



www.njdotlocalaidrc.com



DOT-LocalAID.ResourceCenter@dot.nj.gov

Follow the Local Aid Resource Center on Social Media



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[NJDOT Local Aid Resource Center](#)



[NJDOT Local Aid Resource Center](#)





Meeting Your Community's Mobility Needs



Biking & Walking



EZ Ryde4Life



Carpools



Vanpools



Shuttles



Meeting Your Community's Mobility Needs



Biking & Walking

AFFORDABLE



EZ Ryde4Life



Carpools



Vanpools



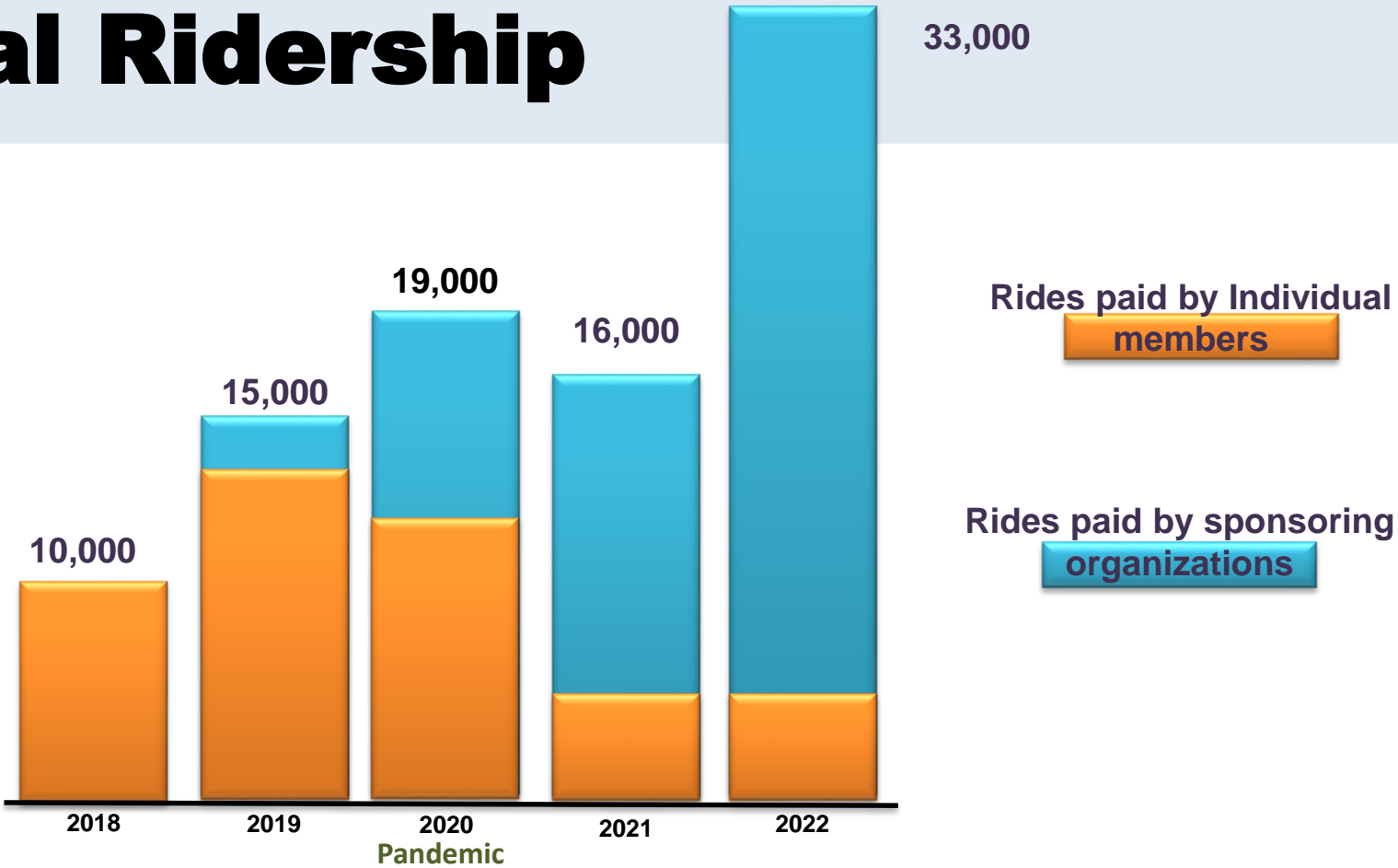
Shuttles



EZ Ryde4Life

- **Rides with TNCs (Lyft/Uber)**
- **For riders 18+**
- **Available in all 21 counties**

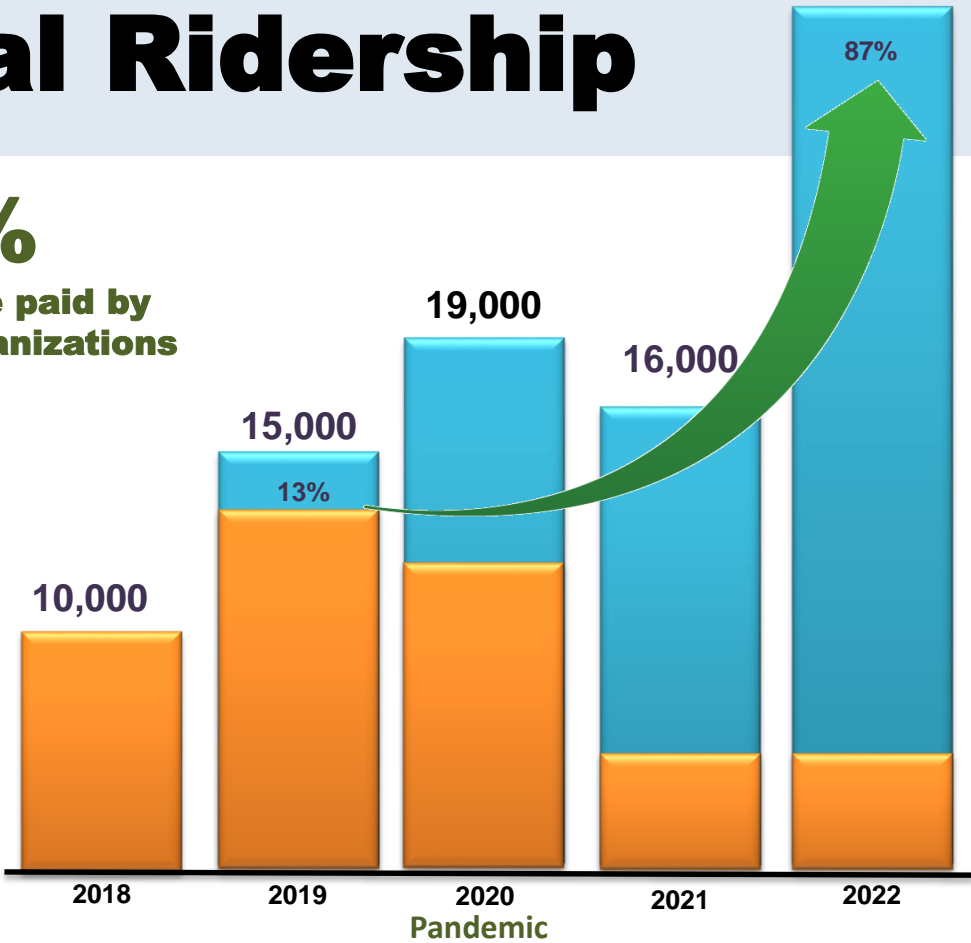
Annual Ridership



Annual Ridership

87%

of all rides are paid by Sponsoring organizations



Rides paid by Individual members

Rides paid by sponsoring organizations

Rider Profile & Program Usage



Average Age 78 years



Rider Profile & Program Usage



Average Age 78 years

90% of trips - Medical & Food Shopping



Challenge

How do we provide affordable rides for older adults with no sponsors?

How Hudson County Advances Equity in Transportation Planning

An aerial photograph of a city street intersection. The street is paved with asphalt and features a green-painted bike lane on the right side, marked with white bicycle icons and arrows. A bus stop is marked with 'STOP' and 'BUS' in white letters. The intersection has traffic lights and a street sign for 'Bloomfield St'. The surrounding area includes a red brick building on the left, a parking lot with several cars on the right, and a city skyline in the background under a cloudy sky.

Byron A. Nicholas, PP, AICP

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Hudson County, NJ

- **Liaison** between our MPO - NJTPA and Hudson County. - Help oversee and influence transportation matters (policy, programs and design)
- Assist in the role of prioritizing, appropriating, plan, propose, and coordinate, federal and state funds for local transportation projects, studies, and plans.
- **Main jurisdiction:** County Roads
- FHWA Unified Planning Work Program STP Grant



Courtesy of Hudson TMA Transit Map

- **North Jersey Transportation Planning Authority (NJTPA) Alternate Board Member for County Executive**
- **NJTPA Regional Transportation Advisory Committee Member (RTAC) - Hudson County (Current Vice-Chair)**
- **NJTPA Freight Initiatives Committee (FIC) (Voting Member)**
- **NJTPA Project Prioritization Committee (PPC) (Voting Member)**
- **NJTPA Planning and Economic Development Committee (Non-Voting Member)**
- **Hudson County NJTPA sponsored Subregional Studies Program (SSP) Technical Advisory Committee**
- **New Jersey Department of Transportation (NJDOT) Strategic Highway Safety Plan (SHSP) 2020 Pedestrian and Bicycle Emphasis Area Working Group**
- **NJDOT SHSP Equity Working Group**

Equity on Federal & MPO levels

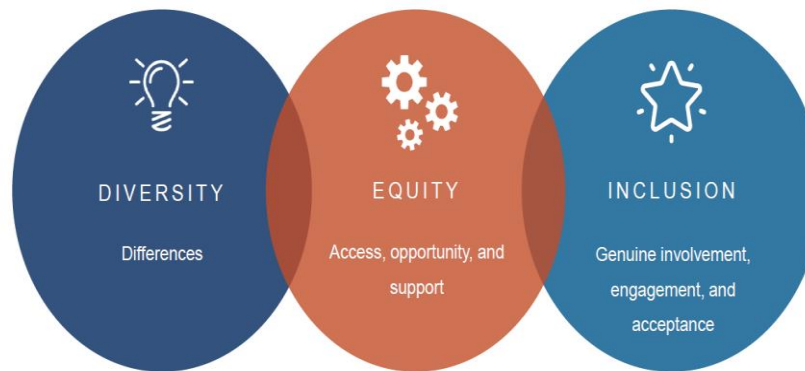


Courtesy of USDOT

NJTPA PROJECT PRIORITIZATION CRITERIA: LOCAL HIGHWAY AND LOCAL BRIDGE PROJECTS

L.Env.3 Does it provide benefits or reduce burdens to disadvantaged and underserved communities? Max – 24

Assign points on a continuous scale based on data derived from the NJTPA Equity Analysis Tool [scale with (0) being lowest and (24) being highest].



Courtesy of NKY Chamber of Commerce

Consensus Building

Infrastructure Investment and Jobs Act (IIJA) Hudson County's USDOT Safe Streets for All - Vision Zero - Grant Application



City Announces New Director of Federal Infrastructure Strategy | Office of Transportation, I...
phila.gov • 3 min read

Hudson County to develop "Vision Zero-style" improvements on county roads

This study means the planning and development of new traffic calming and road sharing initiatives.

By [Brendan Kuflik](#) on [September 22, 2021](#)



The "Vision Zero" improvements to be implemented on the Spring Street road project in Hoboken, New Jersey.

Hudson County Executive Rose Ordino, chair of the approval of a Board of Commissioners resolution on Thursday, September 23 authorizing the county to seek and employ a planning grant under the federal Department of Transportation's "Safe Streets and Roads for All" program to increase road safety throughout the nation.



The City of
Union City
New Jersey



Town of
HARRISON

Equity in Hudson County Transportation Studies are Priority

Subregional Need

- Active role in industry
- Growth and expansion
- Coordinate local projects and routes
- Regulations and enforcement
- Environmental Justice communities and impacts
- Deliveries and management of local roadways and curb space



Courtesy of Hudson County Trucking Study

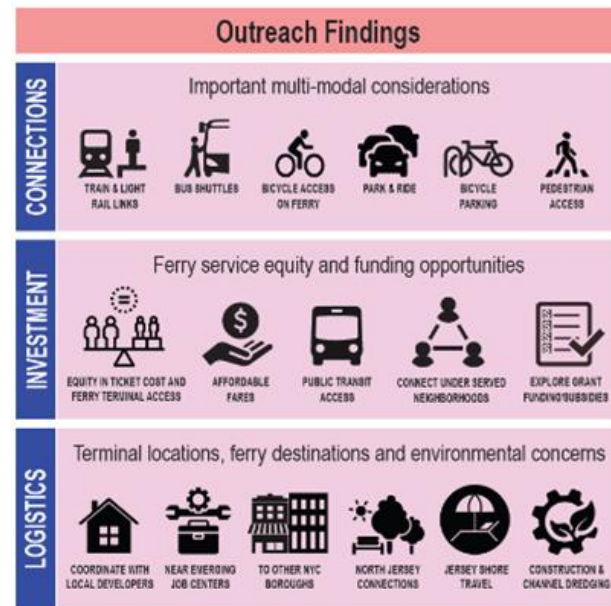


Figure 10: Outreach Findings

Courtesy of Hudson County Ferry Study

NJDOT Bikeway and Safe Streets to Transit Grants



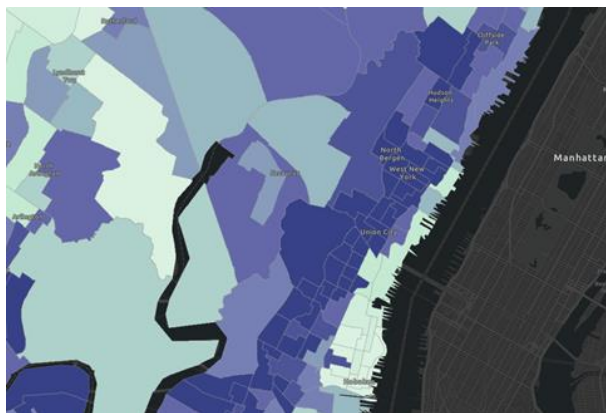
River Road Grant Application



River Road Grant Application

Cross-Jurisdictional Partnerships NJDOT- SHSP - Equity Emphasis Area

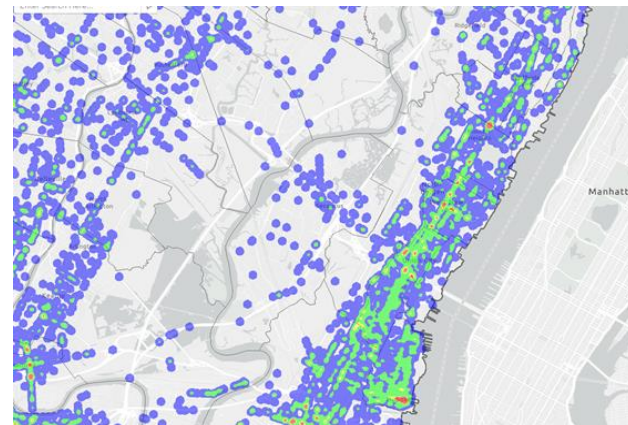
Safety Campaign and Demonstration Project



Courtesy of CDC Social Vulnerability Index



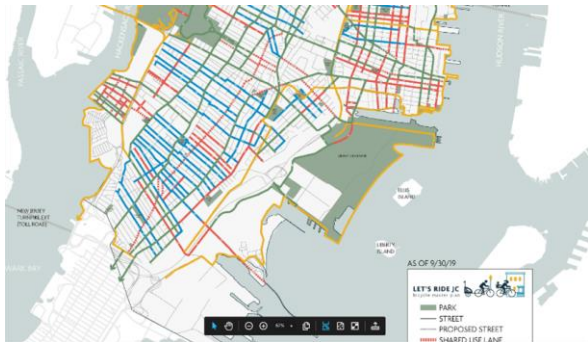
Courtesy of the Streets Plans Collaborative



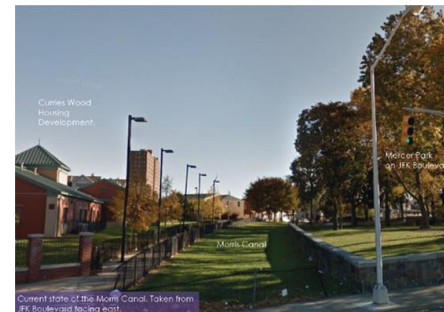
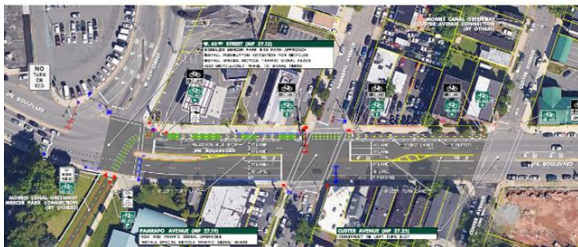
Courtesy of NJDOT Safety Voyager- Pedestrian Heat Map

New Jersey DOT - Transportation Alternatives Program

Celebrating the Morris Canal through Mercer Park



Courtesy of Jersey City



Thank you!

Contact Information

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Amanda Gendek

Manager, Bureau of Research

New Jersey Department of Transportation



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The NJDOT Research Bureau Team

Acknowledgments

Pragna Shah	Research Showcase Event NJDOT Tech Transfer Program
David Aimen, Rutgers Voorhees	PI for NJDOT Tech Transfer Program
Janet Leli, Rutgers CAIT	PI for NJ Local Technical Assistance Program NJDOT Tech Transfer Program
Stephanie Nock	Management Assistant
Sue Rizzo Sneha Shah	Contract Administration
Stefanie Potapa Priscilla Ukpah Giri Venkiteela Kamal Patel	Research Project Managers
Brandee Sullivan (formerly Chapman)	Innovation Coordinator
Eric Schwarz	NJDOT Librarian



Awards



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2022

Outstanding University Student in Transportation Research Award



Xiao Chen Rutgers, The State University of New Jersey

Innovative Pothole Repair Materials and Techniques



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NJDOT Research Implementation Award



Anil Agrawal, Ph.D., PE City College of CUNY

NJDOT UAS/Drone Procedures Manual and Best Practices for Use in New Jersey



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Best Poster Award



Ahmed Edrees New Jersey Institute of Technology

Minimizing Total Cost of Work Zones on Two-Lane Roads with Managed Lanes



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2022 Build a Better Mousetrap



Gary Liedtka-Bizuga & Henry Jablonski NJDOT
Sawcut Vertical Curb



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Congratulations to this Year's Award Winners



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Lunch

Research Poster Exhibits

Room 214 / 215

Concurrent Breakout Sessions

Start at 1:10 pm



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