



# Alan M. Voorhees Transportation Center

**RUTGERS**

Edward J. Bloustein School  
of Planning and Public Policy



## RESEARCH

VTC conducts applied and academic research in transportation and:

- Planning & analysis
- Land use
- Environment
- Institutional analyses
- Pedestrian & bicycle mobility and safety



## SERVICE

VTC provides transportation expertise, disseminates information related to critical transportation issues, and clarifies data and terms for general understanding, improving decisions for both policymakers and voters.



## EDUCATION

VTC provides extensive professional development training. VTC staff and faculty teach both graduate and undergraduate courses and studios.

Using New Jersey as a living laboratory, VTC leads informed public discussion of transportation policy issues, conducts research and finds innovative approaches to transportation problem solving. VTC identifies and explores transportation linkages to other public policy areas.

# RESEARCH & IMPACTS

## Advance Bicycle and Pedestrian Mobility and Safety

VTC conducts research and performs outreach and training on active transportation and micro-mobility. VTC manages two statewide resource centers supported by the New Jersey Department of Transportation (NJDOT) with funding from the Federal Highway Administration. The NJ Bicycle and Pedestrian Resource Center and the NJ Safe Routes to School Resource Center assist with making walking and bicycling safer and more accessible through research, education, and best practices in policy and design.



### NJ Safe Routes to School Resource Center

**330** NJ municipalities with SRTS programs

**700** Schools engaged

Trained 300 municipal supervisors overseeing more than **7,000** CROSSING GUARDS

### NJ Bicycle and Pedestrian Resource Center

**6,000** Residents reached through the Ambassadors in Motion program

Complete Streets Policies adopted in over **150** NJ Municipalities

Advancing SOCIAL JUSTICE, EQUITY, and SAFETY nationwide

## Address Needs of People with Disabilities & Older Adults



VTC and Rutgers Center for Advanced Infrastructure and Transportation collaborated on a study titled *Detour to the Right Place: A Study with Recommendations for Addressing the Transportation Needs and Barriers of Adults on the Autism Spectrum in NJ*. NJ Travel Independence Program (NJ TIP) provides one-on-one travel instruction for people with disabilities on how to use NJ TRANSIT services to increase independence and mobility. NJ TIP conducts *Connect to Transit* for professionals and local leaders.

### NJ Travel Independence Program

**1,400** Trained through *Connect to Transit*

**448** Trained to use the NJ TRANSIT bus, and rail, and light rail services

**550** seniors participated in travel instruction & nearly half reported making subsequent trips

### Assess Workforce Training Needs

Assessing the current and future workforce training needs facing the public transit industry in the U.S. and how it affects employee retention and recruitment, VTC will inform future policy direction at the Federal Transit Administration and guide the programming of workforce training funds nationally.

### Understand Customer Travel Patterns

VTC is helping transportation providers understand customer travel patterns and needs through primary data collection and analysis.



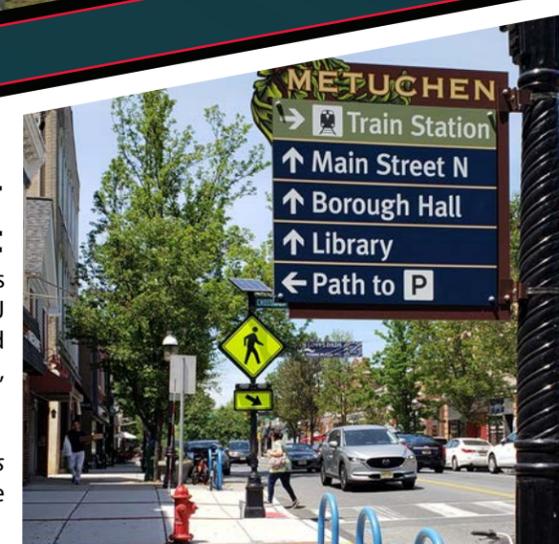
### Technology Transfer

VTC manages *Tech Talks!* on behalf of NJDOT's Bureau of Research which includes lunchtime talks, peer exchanges, and other events to promote the dissemination and implementation of research, knowledge, and innovative ideas among NJDOT staff and other transportation professionals.

## Promote Transit-Oriented Development

VTC and NJ TRANSIT produce **NJTOD.org**, a newsletter and online resource to provide updates on development around transit stations. VTC, Rutgers Office of Research Analytics, and NJ TRANSIT developed the *NJ Land Use + Transit Data Application (njlutrans.org)*, a GIS-based on-line tool that maps, reports, and downloads land use, travel, public transit, demographic, and real estate development data.

VTC and the North Jersey Transportation Planning Authority (NJTPA) created the *Transit Hubs Planning Guidebook*, a strategic planning process that includes best practices and knowledge from experts with direct experience in planning and constructing transit hubs.



## Encourage Meaningful Public Engagement

VTC's Public Outreach and Engagement Team (POET) provides policy/planning and marketing/communication expertise to engage with constituencies and translate complex issues into language and context understandable by the public. POET specializes in innovative outreach methods tailored to specific demographic and under-represented groups. Outreach projects have included:

- *Set the Table!* – a civic dinner party outreach to collect feedback from gatherings of 6-10 using a game-like format.
- ESL Outreach – outreach to 250 individuals from over 30 countries.
- Youth Outreach – engagement using customized classroom discussions and "On Air," a retro-style radio booth.



## Support Healthy Communities

Health in All Policies (HiAP) is a collaborative approach to improving health by incorporating health considerations into planning and decision-making across sectors and policy areas. Conducting Health Impact Assessments (HIAs) informs state, regional and local officials to advances decisions that build healthy communities. To date, seven HIAs have been conducted in New Jersey, and over 300 professionals have been trained in HiAP.



## Foster Sustainable Development & Regional Cooperation in Northern NJ

VTC manages Together North Jersey (TNJ), a voluntary coalition of over 100 local governments, state and regional agencies, and non-profit partners. Created in 2011 to develop the first comprehensive plan for sustainable development for North Jersey, the TNJ planning process identified a shared vision using four key themes: Competitive, Efficient, Livable, and Resilient. Since release of the plan in 2015, TNJ, led by VTC, actively works with communities and stakeholders to implement the vision.

### Together North Jersey Trained...

**2,000** in 25 workshops on:  
Road diets | Placemaking |  
Flood insurance ratings |  
Health in all policies | & more

**500** Through Resilience Webinars