Northern Virginia Transportation Authority's InNoVAtion Initiatives

The Northern Virginia Transportation Authority (NVTA) is committed to taking a proactive approach to technology to build momentum for the innovative transportation system of tomorrow.

Regional Multi-Modal

Mobility Program (RM3P)

"The RM3P's mission is to leverage the

collaborative use of real-time data by Virginia's

public and private sectors to improve travel

safety, reliability, and mobility, and to give the

public the tools to make more informed travel

choices."

NVTA is a Co-Sponsor of RM3P, working closely

with Virginia Department of Transportation

and Public Transportation.

BUILDING MOMENTUM



The Northern Virginia Transportation Authority (NVTA) develops Northern Virginia's long-range transportation plan, called TransAction.

TransAction addresses regional transportation needs by identifying transportation projects that reduce congestion, enhance mobility, increase accessibility, and improve resiliency.

The findings in TransAction are used to inform the NVTA's Six Year Program for Regional Revenue funding.

TransAction includes:

17 projects have technology as a primary mode 424
projects totaling
more than
\$75 billion

TransAction Vision Statement:

"Northern Virginia will plan for, and invest in, an **Equitable, Safe, Sustainable**, and integrated multimodal transportation system that enhances quality of life, strengthens the economy, and builds resilience."

NVTA's Legislative Priorities

A legislative priority to "Support use of effective transportation technology" was introduced into NVTA's State and Federal Legislative Program in 2022. The position has since been updated and continued.

Transportation Technology Committee (TTC)

The TTC was established in 2018 as an advisory Committee to NVTA's CEO. It is designed to advise the CEO on multimodal transportation technologies and related transportation trends that support (or endanger) the vision of the Authority, create an evidence-based body of knowledge, and more. For these reasons, the TTC championed development of the TTSP and continues to guide its implementation.

Transportation Technology

The NVTA Transportation Technology Strategic Plan (TTSP) was developed as a tool for establishing a proactive approach to innovation, which keeps congestion reduction top of mind. The full TTSP is maintained as a living document, to reflect the continued evolution of transportation technologies, and to allow the flexibility necessary to update and refine it as appropriate.

Strategic Plan (TTSP)

The TTSP is comprised of strategies that are not specific to any one technology, but instead aim to guide use of technologies to further NVTA's vision for the region. In general, the plan seeks to maximize benefits of their use and minimize any potential negatives. The TTSP identifies 9 roles NVTA can take on in pursuing these strategies, which are explored through an Action Plan. All strategies and actions in the Plan are evaluated in terms of three Core Values:

Annual Northern Virginia

Transportation Roundtable

Starting in 2016, NVTA, in partnership with the

Intelligent Transportation Society of Virginia

(ITSVA), hosts the Annual Northern Virginia

Transportation Roundtable, gathering experts

from the public and private sectors to discuss

innovation in transportation and

impacts on the region.





afety Sustainab

InNoVAtion Lunch and Learns

Driven By InNoVAtion (DBI)

DBI is NVTA's monthly digest of transportation

technology-related news. It also includes regular

updates on implementation of the TTSP and other

NVTA InNoVAtion Initiatives. We invite you to

subscribe to receive the monthly newsletter.

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monthly newsletter.

The InNoVAtion Lunch and Learns provide opportunities for pragmatic information exchange regarding technologies or innovations that are feasible immediately or in the near future (1-5 years). Each session focuses on topics supported by the Transportation Technology Strategic Plan (TTSP.)

The 45-minute sessions are open to all and are conducted virtually. Each session is recorded and posted to NVTA's YouTube channel.

NVTA's Six Year Program

NVTA allocates Regional Revenues to transportation projects across Northern Virginia during its Six Year Program (SYP) update that occurs every two years. The process begins with a Call for Regional Transportation Projects which allows eligible entities to apply for funding to advance projects from TransAction that align with regional transportation priorities.

NVTA has funded technology-related project(s) in each of its funding programs:





Scan this QR Code to learn more about NVTA's InNoVAtion Initiatives!