



COMMONWEALTH *of* VIRGINIA  
Office of the  
SECRETARY *of* TRANSPORTATION

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# Innovation and Technology Transportation Fund

The ITTF provides funding specifically for the purposes of funding pilot programs and fully developed initiatives pertaining to high-tech infrastructure improvements with a focus on:

- Reducing congestion
- Improving mobility
- Improving safety
- Providing up-to-date travel data
- Improving emergency response

*ITTF projects are guided by the members of the CTB Innovation and Technology Subcommittee*

# Proposed Projects

Automated Virginia	Infrastructure/Connectivity	Data/Analytics	Cybersecurity	Other
<ul style="list-style-type: none"><li>• Virtual ATMS</li><li>• I-95 Active Traffic Management</li><li>• Worker Alert</li></ul>	<ul style="list-style-type: none"><li>• Signal Controller Connectivity</li></ul>	<ul style="list-style-type: none"><li>• Regional Multimodal Mobility Program</li><li>• Data Analytics for Safety</li><li>• Performance Parking</li><li>• Customer Service Bots</li><li>• Arterial Operations Dashboard</li></ul>	<ul style="list-style-type: none"><li>• Cybersecurity Upgrades for Operations</li></ul>	<ul style="list-style-type: none"><li>• I-64 Afton Mountain Safety Improvements</li><li>• Pilot Program for Innovation</li><li>• Local Innovations</li></ul>

# Projects Approved for FY20-24

- Northern Virginia Regional Multi-modal Mobility Program (RM3P)
- Performance Parking in Commercial Corridors
- I-95 Variable Speed Limits w/compliance monitoring
- I-64 Afton Mountain Safety and Congestion
- High Speed Communications for Signals
- Cyber Security Upgrades for Operations
- I-81 Operational Improvements
- Data Analytics for Safety
- Parking Demand Management System
- Arterial Operations Dashboard
- Statewide Technology for Operations
- Pilot Program for Innovation
- Innovation Program for Localities

# ITTF Projects from Previous Funding Cycles

- **Richmond TOC Upgrade**
- **Signal Upgrades – various locations**
- **Traffic Management system upgrade – Big Walker and East River Mountain Tunnels**
- **Develop design plans for traffic operations upgrades – MMMBT**
- **Technology upgrades to support CAV demos**

# Committee Input Needed

- **Statewide Technology for Operations**
- **Pilot Program for Innovation**
- **Innovation Program for Localities**



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