



Smart Travel and VDOT Northern Region Operations

A Cost-Efficient, High Impact
Approach to Enhancing Transportation
in Northern Virginia



Smart Travel Program

VDOT's statewide Smart Travel Program is being implemented in the Agency's Northern Regions Operations (NRO) in a strategic, planned and systematic fashion. It leverages existing resources, incorporates safety and capacity improvements and new technologies developed in concert to take advantage of industry-leading practices...all focused on the goals of reducing congestion, enhancing safety and providing information and choices to travelers.



VDOT NRO's Smart Travel Program integrates central command/control through

- A Smart Traffic Center (STC),
- Field devices to gather data and inform motorists,
- A smart traffic signal system,
- Freeway operations, real-time traffic monitoring
- A strong incident management and response component spearheaded by the District's Safety Service Patrol (SSP).

Emergency Evacuation Planning

Added to these existing elements are new endeavors in Emergency Evacuation Planning, Travel Time data gathering and dissemination, integration with High Occupancy Toll (HOT) Lanes projects done through Virginia's Public / Private Transportation Act, on the Capital Beltway and I-95, and procuring a new central software system to control the NRO Advanced Transportation Management System.

Smart Travel is an efficient use of public dollars and an important way in which VDOT fulfills its fiduciary responsibility to taxpayers and citizens.



Smart Travel is an important tool in NRO's commitment to actively manage the transportation system to maximize safety, security, mobility, and return-on-investment for the benefit of customers.

Smart Travel and Strategically-Planned Operations Makes Smart Business Sense

Smart Travel enhances the efficiency of Northern Virginia's existing transportation infrastructure, at a small fraction of the cost of road widenings or building new roadways. As an alternative to costly construction of new infrastructure, increasing the efficiency of the existing transportation network results in:

- Reductions in employee travel time to work
- Decreased employee stress and personnel turnover
- Decreased disruption of goods movement due to congestion
- Improved access to business by clients, customers, and business partners

For more information on Smart Travel services, please contact:

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