



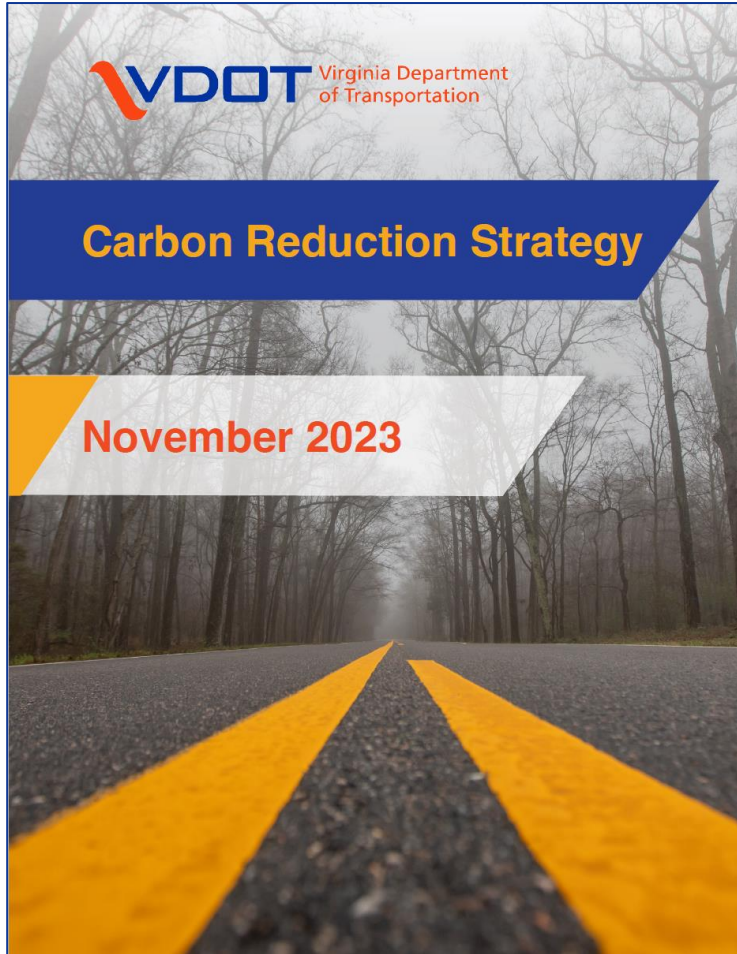
VDOT Carbon Reduction Program (CRP)

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7/3/2024

TPB Technical Committee
Agenda Item 5

VDOT Carbon Reduction Strategy



Transportation Choice

- Public transportation
- Bike lanes
- Sidewalks and crosswalks
- Commuter programs and infrastructure
- On-road and off-road trails

Efficiency & Alternative Fuels

- Alternative fueling/charging infrastructure
- Truck stop electrification
- **Diesel engine retrofits**
- Efficient street lighting and traffic control devices

Congestion Management

- **Congestion management technologies**
- Intelligent transportation systems
- Traffic flow improvements
- Congestion pricing

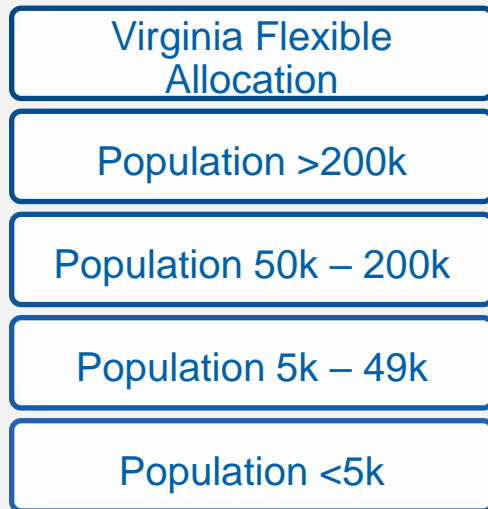
Low Emissions Construction Practices

- Zero-emission construction equipment and vehicles
- Sustainable pavements and construction materials

VDOT CRP Funding Allocation

- 65% of annual apportionment must be obligated in proportion to relative shares of state population
- Remaining 35% can be obligated in any area determined by state DOT

VDOT CRP Funding



Transportation Management Area Allocations



VDOT CRP Funding Allocation

- The Commonwealth has allocated non-TMA CRP funding in a manner similar to how CTB-controlled CMAQ funding is allocated
 - Administration priorities
 - Eligible projects selected through the CTB's existing funding programs
- Consultation and coordination requirements are met through existing processes related to individual funding programs, the Six-Year Improvement Program update process, Fall Meetings, and Spring Meetings
- TMA CRP funding allocation approach coordinated with regional partners
 - VDOT met with NVTA, TPB, and DRPT to discuss Northern Virginia allocation

VDOT CRP Allocations in the FY2025-2030 SYIP

CRP Strategy	Allocations	Project Count
TMA allocations	\$34.5M	5
Commuter programs & infrastructure	\$27.9M	13
Bicycle and pedestrian infrastructure	\$23.8M	29
Public transportation infrastructure	\$16.8M	8
Congestion management	\$16.3M	16
Multiple strategies/multimodal	\$12.3M	5
Diesel engine retrofits	\$2.6M	2
On-road and off-road trails	\$2.1M	5
Total	\$136.4M	78

Northern Virginia TMA CRP Funding

Program Summary	Allocations
NOVA TMA CRP Funds Available FY2022 – FY2030	\$57.8M
Existing Projects	(\$36.8M)
New Projects	(\$19.8M)
Remaining Unprogrammed (out-years)	\$8.1M

Northern Virginia TMA CRP Allocations

Existing Projects	Allocations
Richmond HWY Bus Rapid Transit (BRT)*	\$18.1M
Commuter Operations & TDM (fully funds FY22-FY30)	\$18.2M
Clear Air Partners (fully funds FY22-FY30)	\$0.5M
Total	\$36.8M

Example of NVTA Redistributed funds*	
Intelligent Transportation Systems (ITS) Integration - Phase IV	City Of Alexandria Transportation Master Plan
WMATA Replacement Buses FY24 - FY26	Commuter Services Program FY25-FY27 - DRPT
Bus Replacement (Omniride Express And Commuter Buses)	Commuter Services Program - Arlington FY28 - FY30 - DRPT
Commuter Services Program FY25 - FY27 (Arlington)	High Priority Sidewalk And Pedestrian Improvements (HPSPI)
Duke Street BRT Transitway Operations	#Smart20 - Richmond Highway- Bus Rapid Transit

Northern Virginia TMA CRP Allocations

New Projects Regional Multi-Modal Mobility Program (RM3P)	Allocations
Multi-Modal Dynamic Incentivization (DI): Oversight Services	\$0.5M
DI Operations Services for Carbon Reduction	\$3M
Commuter Parking Information System (CPIS): Oversight Services	\$0.7M
CPIS Operations Services	\$4.5M
Commuter Operations & TDM	\$4.1M
Total	\$12.9M

