

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

TO: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: September 3, 2020

SUBJECT: SMART SCALE Project Application Endorsements

1. **Purpose.** To seek Northern Virginia Transportation Authority (NVTA) endorsement of member jurisdictions' SMART SCALE project applications.
2. **Suggested Motion:** *I move Authority Endorsement of member jurisdiction's and agencies SMART SCALE Project Applications with Resolution 20-05, for funding in the Commonwealth of Virginia's SMART SCALE Prioritization Process.*
3. **Background.**
 - SMART SCALE is the primary funding program for transportation projects using Commonwealth of Virginia revenues.
 - Similar to the Authority's Six Year Program, SMART SCALE uses a biennial schedule and incorporates a data-driven process to screen and evaluate projects, and to prioritize investment decisions.
 - The SMART SCALE program is now in its fourth round.
 - While the deadline for submitting SMART SCALE applications for this fourth round was August 17, 2020, the deadline for submitting resolutions of support is October 30, 2020.
 - An NVTA Resolution of support is needed for applications from transit agencies and localities that address an identified VTRANS need on a Corridor of Statewide Significance.

- Projects approved for SMART SCALE funding will be included Commonwealth's in the Six Year Improvement Program, to be adopted in June 2021, by the Commonwealth Transportation Board.
- The Authority's enabling legislation states that the Authority The recommendation to the Commonwealth Transportation Board, of priority regional transportation projects for receipt of federal and state funds

4. Next steps. The Commonwealth will release project evaluations and funding recommendations in January 2021. It is anticipated that the Commonwealth Transportation Board will hold Public Hearings in March/April 2021, and will adopt the Six Year Improvement Program in June 2021.

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

RESOLUTION 20-05

A RESOLUTION FOR THE SUPPORT OF NORTHERN VIRGINIA PROJECTS TO THE COMMONWEALTH OF VIRGINIA'S SMART SCALE TRANSPORTATION PROJECT PRIORITIZATION PROCESS.

WHEREAS, Virginia House Bill 2, signed by the Governor on April 6, 2014 and effective as of July 1, 2014, required the development of a prioritization process, now referred to as SMART SCALE, and directed the Commonwealth Transportation Board to develop and use a scoring process for project selection by July 2016; and

WHEREAS, localities and agencies that wish to submit projects within a Corridor of Statewide Significance must have a resolution of support from the Authority, as the relevant regional entity for Northern Virginia, to be considered for the SMART SCALE prioritization process; and,

WHEREAS, public transit agencies are required to have a resolution of support from the Authority or relevant entity for projects located in the Regional Network to be eligible for SMARTSCALE evaluation; and,

WHEREAS, Authority staff have worked with member jurisdictions and agencies in receiving project submissions for the SMARTSCALE process; and,

WHEREAS, submission of projects to the Commonwealth for the SMART SCALE process does not infer nor commit NVTA Regional Revenues to the project; and,

WHEREAS, Authority approval of the submission of the projects requires a resolution of support by the Authority;

NOW, THEREFORE, BE IT RESOLVED BY THE NORTHERN VIRGINIA TRANSPORTATION AUTHORITY THAT THE FOLLOWING NORTHERN VIRGINIA PROJECTS ARE SUBMITTED TO THE COMMONWEALTH OF VIRGINIA SMART SCALE PROJECT PRIORITIZATION PROCESS:

Project Endorsement List

ROUND 4 SMART SCALE Submitted Applications

App ID #	Project Name	Organization	Project Description
6781	Route 1 at E. Glebe Road Intersection Improvements	Alexandria City	This project will improve the vehicular and non-motorized safety and access at the intersection of E. Glebe Road at Route 1 (Richmond Highway). Improvements include provision of a dedicated left turn, a dedicated through lane and dedicated right turn lane for eastbound traffic and new signalization. The improvements also include new pedestrian and bicycle facilities along E. Glebe Road between Route 1 and LaVerne Street and crosswalk improvements at the intersection.
6851	Route 1 South Median Refuge Island	Alexandria City	Install a 10-12' landscaped median and refuge islands at crossings on Route 1 (South Patrick Street), a high-crash corridor, from Wolfe Street to Jefferson Street and narrow the adjacent travel lanes
6844	Landmark Mall Transit Center	Alexandria City	Development of a new Transit Center at the redeveloped Landmark Mall site. This location will serve two Bus Rapid Transit (BRT) corridors (Alexandria's West End Transitway, Alexandria's Duke Street Transitway) as well as several local bus routes. The Transit Center will be incorporated in the new mixed use development planned on the 51 acre former Landmark Mall site.
6858	Upper King Street Multimodal Reconstruction	Alexandria City	The Upper King Street Multimodal Reconstruction project will design and reconstruct King Street between Quaker Lane and Menokin Drive. The intention of the project is to improve traffic safety, accommodate vehicle volumes, and implement multimodal improvements that better accommodate pedestrians, transit users, and bicycle riders while improving conditions for stormwater and sustainability.
6948	Mount Vernon Trail North Enhancements	Arlington County	The northern section of the Mount Vernon Trail (MVT) is showing significant deterioration in the Arlington County section between Theodore Roosevelt Island and Four Mile Run Trail. This project includes trail pavement rehabilitation/widening, bridge replacement/widening, and safety enhancements across approximately 3.2 miles of the MVT located on National Park Service (NPS) land in the Commonwealth of Virginia. The NPS is currently developing 30 percent designs for the project.
6988	Arlington Blvd Safety Improvements - Glebe to Fillmore	Arlington County	Construct safety improvements on Arlington Blvd between Glebe Rd and Fillmore St, including a raised median dividing the roadway where it is currently undivided, adding or extending left turn lanes, constructing service roads, removing on-street parking, upgrading street lighting, and improving bus stops.
7182	Courthouse Metro Second Elevator	Arlington County	This project will provide for the design, engineering, and construction of two new elevators into the Court House Metrorail Station from the street level along Clarendon Blvd to the station's mezzanine. This project will remove the existing single elevator from street level to the station mezzanine and expand access into and from the Metrorail Station by building two new elevators. A bus bridge will be established for ADA purposes while the two new elevators are under construction.
6822	Route 1 (Fraleay Boulevard) Widening	Dumfries Town	The intent of this project is to widen US 1 NB from a 2-lane undivided roadway to a 6-lane divided roadway from Brady's Hill Road to Possum Point Road, so both NB/SB traffic will be on the existing US 1 NB alignment.
6662	Chain Bridge Road Sidewalk and Bus Stop Improvements	Fairfax City	This project is construction of 1,850 linear feet of new sidewalk as well as improvements to bus stop facilities along the west side of Chain Bridge Road (Route 123) from Taba Cove to Warwick Ave. Upon completion, this project will provide new, continuous pedestrian access and transit accommodations along Chain Bridge Road between two local Activity Centers (Old Town Fairfax to
6675	Country Club Commons Connector Trail	Fairfax City	This project is construction of a 650-foot (0.12 mi), off-road, "shortcut" trail to connect neighborhoods and commercial destinations south of Fairfax Blvd (Route 50) and west of Rebel Run to the George Snyder Trail, the I-66 trail, the Vienna Metrorail station, numerous retail and employment destinations and regional bus routes. Without this connection, it is a circuitous distance of 1.4 miles to reach the same location. This trail will encourage non-vehicular local and
6766	Route 7 Widening (I-495 to I-66)	Fairfax County	Widening of Route 7 between I-495 and I-66 by one lane in each direction. Widening will be to the outside, reserving the median for future Bus Rapid Transit (BRT).
6767	Braddock Road at Old Lee Road Improvements	Fairfax County	The project will improve the intersection of Braddock/Old Lee and realign the S-curve on Braddock Road to mitigate congestion and improve safety of vehicles and pedestrians. The intersection improvement would add signalization, a 200ft southbound turn lane, and a 1,100ft Jug-handle eastbound turn lane. Realignment of S-curve will have a typical cross section of two 11ft lanes with a 10ft shared-use path. The project has moderate ROW, utility (gas, fiber, electric), and environmental impacts.
6749	Richmond Highway Corridor Improvements	Fairfax County	This project will construct multimodal improvements including roadway widening along the 3.1-mile section of Richmond Highway between Mount Vernon Memorial Highway/Jeff Todd Way and Sherwood Hall Lane from 4 to 6 lanes in Fairfax County, and reserve a median for future Bus Rapid Transit (BRT).

6752	Soapstone Road Extension/Dulles Toll Road Overpass	Fairfax County	The Soapstone Road extension is a new roadway, approximately one-half mile long between Sunrise Valley Drive and Sunset Hills Road, in Fairfax County (Reston), Virginia.
6754	Frontier Drive Extension	Fairfax County	Extend Frontier Drive from its terminus south of the Franconia-Springfield Parkway to Loisdale Road, including improved access to the Franconia-Springfield Transit Center and braided ramps to and from the Franconia-Springfield Parkway.
6755	Seven Corners Ring Road (Phase 1A Segment 1A)	Fairfax County	This includes the construction of a portion of the Seven Corners "Ring Road" from Arlington Blvd (Route 50) Westbound Ramp to the intersection of Castle Place and Sleepy Hollow Road with 11-foot travel lanes, a 12-foot bi-directional cycle track, and 8-foot parking lanes.
6756	Braddock Road Multimodal Improvements Phase 1	Fairfax County	Multimodal improvements on Braddock Rd (Southampton Dr to Ravensworth Rd) providing access management and bike/ped improvements via intersection improvements, modifications to I-495 ramps, paths/sidewalks, traffic signals, bus stops, and crosswalks.
6761	Fairfax County Parkway Widening (Route 123 to Nomes Court)	Fairfax County	Widen Route 286 from Route 123 to Nomes Court from four lanes to six lanes, improve the Route 123 interchange, upgrade at-grade intersections and improve pedestrian and bicycle amenities along the project corridor.
6765	Route 7 Widening (Route 123 to I-495)	Fairfax County	Realignment of S-curve on Braddock Road and intersection improvements at Old Lee Road.
7151	S Washington St Bus Stop Enhancements	Fall Church City	The project is along S Washington St from the int at S Maple Ave to the int at Graham Rd (approx. 2100'). 6 new bus shelters will be constructed. At ints of Marshall and Greenway Blvd: decrease lane width, improved int. geometry, ped refuge areas at medians, ped streetlights, brick paver crosswalks, curb bump outs, improve ramps. Marshall int incl signal mast arm replacement & upgraded signal equipment. Greenway Blvd int includes 1 new HAWK signal. Project incl right of way
6809	Route 15 Leesburg Bypass Interchange with Edwards Ferry Road	Leesburg Town	Grade-separated Interchange to eliminate traffic signals on the Route 15 Leesburg Bypass at Edwards Ferry Road and Fort Evans Road intersections. Project will mitigate traffic congestion, improve safety and include multi-modal provisions for pedestrians/bikes.
6641	Route 7 Improvements, Phase 3 (Route 9 to Dulles Greenway)	Loudoun County	This project provides for the planning, design, right-of-way acquisition, and construction to widen Route 7 eastbound from two lanes to three lanes between Route 9 and the Dulles Greenway (Route 267), and westbound from two lanes to three lanes from South King Street to West Market Street.
6642	Sycolin Road-Loudoun Center Place to Crosstrail Boulevard	Loudoun County	This project provides for the planning, design, right-of-way acquisition, and construction to widen Sycolin Road to a four-lane, median divided road between Loudoun Center Place and Crosstrail Boulevard within a 120 ft. right of way, featuring shared use paths on both sides of the road.
6989	Route 28-Centreville Road Corridor Improvements	Manassas Park City	Innovative intersection improvements at five intersections, installation of continuous raised median, pedestrian improvements, and associated utility reconfiguration along the Rt. 28 corridor between the intersection of Old Centreville Road/Blooms Quarry Lane to north of the Bull Run Creek Bridge.
6784	Wellington Road Widening: University Blvd to Balls Ford Road	Prince William County	The project consists of widening Wellington Road from University Boulevard to relocated Balls Ford Road/Devlin Road from two lanes to four lanes, including a sidewalk and shared-use path. The length of the project is approximately 1.6 miles and will add need capacity to this roadway that connects Route 234 to Route 29.
6785	Sudley Manor Intersection Improvements	Prince William County	The project consists of interchange/intersections improvements at the intersection of Route 234 (Prince William Parkway) and Sudley Manor Drive / Wellington Road. Sudley Manor Dr will be grade separated from Route 234 and an innovative intersection will be constructed at the Wellington Road intersection to increase capacity, improve person throughput, and reduce congestion along this CoSS corridor.
6786	Route 15 Improvements with Railroad Overpass	Prince William County	This project consists of widening Route 15 from 2 to 4 lanes and constructing an overpass over the existing Norfolk Southern Railway tracks. The project extends about 1000' north of the tracks, and extends approximately 1200' south of the tracks. Project will tie into the Transform I-66 Outside the Beltway diverging diamond interchange at Route 15 to improve accessibility to I-66.
6787	University Blvd Extension - Devlin Road to Wellington Road	Prince William County	University Boulevard extension from Devlin Road to Wellington Road (Progress Court) as a two or four lane roadway. The roadway will run roughly parallel to Wellington Road and Linton Hall Road, minor arterial roadways with Annual Average Daily Traffic volumes between 15,000-29,000, to alleviate congestion on these roadways and provide capacity for intra-County traffic between the western and eastern portions of Prince William County.
6788	Van Buren Road Improvements: Route 234 to Cardinal Dr.	Prince William County	The project will extend Van Buren Road from its current terminus at Route 234/Dumfries Road to Cardinal Drive near the intersection of Cardinal Drive and Benita Fitzgerald Boulevard as a four-lane divided roadway.
6791	Route 294 and Old Bridge Road Intersection Improvements	Prince William County	The project consists of improvements at the intersection of Prince William Parkway (Route 294) and Old Bridge Road. The improvements include realigning and straightening Prince William Parkway, improving left and right turn movements and realigning Old Bridge to intersect with Prince William Parkway as a side street. This project will mitigate traffic diverting from the Route 294 (principle arterial) to Old Bridge Road (minor arterial) to improve throughput and overall Level of Service
6793	North Woodbridge Mobility Improvements (Marina Way extended)	Prince William County	The project will construct an internal road network in North Woodbridge by constructing extension that will connect Route 1 to Route 123. Marina Way is a 0.26 extension that will connect Horner Road create a parallel facility to Route 1. This project is adjacent to I-95, Route 1, Route 123, the I-95/123 commuter lot and the Woodbridge VRE.

Project that requires NVT resolution of