

FY2018-23 Six Year Program



**NVTA Staff Recommendations
Technical Advisory Committee**

May 30, 2018



Agenda

- Project Selection Criteria
- Public Comment
- Evaluation Updates
- Candidate Regional Transportation Projects
- NVTA Staff Recommendations
- Future SYP Updates
- TAC Recommendations



Project Selection Criteria

- **Project Eligibility:**
 - Included in TransAction with matching description
 - Primary project location in NoVA
- Congestion Reduction Relative to Cost (CRRC) ratios;
- TransAction Project Ratings (including HB599);
- Qualitative Considerations, e.g. modal/geographic balance, past performance, funding leverage; and
- Public Comment.



Public Comment

- NVTA Open House/Public Hearing
- Jurisdictional Town Hall meetings/briefings
 - Four counties/five meetings
 - Two cities
- Pop-up events
 - Two community events
 - CTB Public Hearing
- Social Media
 - eBlasts
 - Twitter
 - Facebook



Public Comment

- Public Hearing
 - Testimony from 62 citizens/organizations
 - 115+ participants
- Comments submitted to NVTA from approximately 800 citizens/organizations
- Other:
 - Senator Surovell – 236
 - Town of Dumfries – 85
 - FCDOT Town Hall meetings – 6
 - Authority Chairman and NVTA staff – 4
- Total: approximately – 1,200 citizens/organizations



Public Comment

- Approximately 85 percent of all comments, predominantly supportive, addressed nine projects:
 - Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)
 - Richmond Highway Bus Rapid Transit - Phases I & II
 - Route 15 Bypass Widening: Battlefield Parkway to Montresor Road
 - Some comments were opposed and/or suggested alternative design approaches
 - Widen Route 1 (Fralely Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (RT234)
 - Richmond Highway (Route 1)/CSX Underpass Widening
 - West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project
 - Route 9 Traffic Calming
 - Evergreen Mills Road Intersection Realignment – Watson Road and Reservoir Road
 - Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)
- 16 projects each received between six and 19 comments
- 35 projects each received five or fewer comments



Public Comment

- General comments
- Comments unrelated to SYP



Evaluation Updates

- **Reduced funding requests:**
 - Route 28 widening (northbound from Route 50 to McLearen Road)
 - \$19,000,000 to zero – other funding source available
 - Route 29 widening (Union Mill Road to Buckley's Gate Drive)
 - \$7,600,000 to zero – funded by I-66 OTB Concessionaire Fee
 - Route 28 widening (Route 29 to PWC Line)
 - \$38,270,000 to \$16,000,000
 - Construct University Boulevard (Progress Court to Devlin Road) – Phase I
 - \$28,500,000 to \$24,600,000
 - Devlin Road Widening: Wellington Road to Linton Hall Road
 - \$26,050,000 to \$23,650,000
 - ART Operations and Maintenance Facilities
 - \$55,459,000 to \$39,027,000



Evaluation Updates

- **Route 9 Traffic Calming**
 - Completion of 100% design and submitted to VDOT for review
 - Loudoun County Land Development Application was submitted on April 25 and is currently under review
- **Widen Route 1 (Fraleley Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (RT234)**
 - Completion of Value Engineering analysis
- **Intelligent Transportation System Improvements (Arlington)**
 - Revised schedule
- **Mill St NE Parking Garage**
 - Commuter spaces reduced from 63 to 60
- **Construct Interchange at Route 7 and Battlefield Parkway**
 - Town Council endorsement adopted April 24



Candidate Regional Transportation Projects

| Projects | Total Cost | Requested* | Available** |
|-----------------|-------------------|-------------------|--------------------|
| 60 | \$4,567,295,744 | \$2,398,537,861 | \$1,285,273,281 |

* Per revised applications

** FY2018-2023 SYP PayGo regional revenues (pending recommendation by Finance Committee on June 6, 2018 and approval by NVTAA on June 14, 2018)



Candidate Regional Transportation Projects

| Jurisdiction/Agency | Projects | Amount | Proportion |
|--------------------------------|-----------------|---------------|-------------------|
| Arlington | 5 | \$237,193,000 | 9.89% |
| Fairfax, incl. Vienna | 16 | \$913,871,000 | 38.10% |
| Loudoun, incl. Leesburg | 12 | \$508,739,000 | 21.21% |
| Prince William, incl. Dumfries | 11 | \$539,604,000 | 22.50% |
| Alexandria | 6 | \$88,228,652 | 3.68% |
| City of Fairfax | 5 | \$45,409,000 | 1.89% |
| Falls Church, incl. NOVA Parks | 3 | \$33,993,209 | 1.42% |
| VRE | 2 | \$31,500,000 | 1.31% |



Candidate Regional Transportation Projects

Primary Modal Component:



3 projects

\$ 10,993,209



1 projects

\$ 1,159,000



6 projects

\$ 402,560,161



4 projects

\$ 190,816,000



1 project

\$ 2,300,000



3 projects

\$ 11,345,491



13 projects

\$ 424,762,000



29 projects

\$1,354,602,000

Note: Most projects feature at least one supporting modal component



NVTA Staff Recommendations – Step 1

Based on CRRC ratios

- Step 1a: Top 30 ranked projects
 - request = \$1,383,671,861

minus

- Step 1b: Three eliminated projects
 - request = \$42,000,000

minus

- Step 1c: Adjusted request for six projects
 - adjustment = \$291,187,580

Recommended funding for 27 projects = \$1,050,484,281



NVTA Staff Recommendations – Step 2

Based on qualitative considerations

- Step 2a: Added 12 projects at full request
 - request = \$199,389,000

plus

- Step 2b: Added three projects with adjusted request
 - adjusted request = \$35,400,000

Recommended funding for 42 projects = \$1,285,273,281



NVTA Staff Recommendations – Step 1/2

| | CRRC Ratio Top 30 Projects | TransAction Rating Top 30 Projects |
|--|---------------------------------------|---|
| Step 1 – Top 30 CRRC projects (27 projects recommended) | 27 | 19 |
| Step 2 – Lower 30 CRRC projects (15 projects recommended) | 0 | 6 |
| Recommended – 42 projects | 27 | 25 |
| Not recommended – 18 projects | 3 | 5 |



NVTA Staff Recommendations (Steps 1/2)

| Projects* | Total Cost | Requested** | Recommended |
|------------------|-------------------|--------------------|--------------------|
| 42*** | \$3,301,130,744 | \$1,855,260,861 | \$1,285,273,281 |

- * See separate attachment for full list of recommended projects/amounts
- ** Per revised applications
- *** If approved for inclusion in SYP, 24 projects will be fully funded



NVTA Staff Recommendations (Steps 1/2)

| Jurisdiction/Agency | Projects | Amount | Proportion |
|--------------------------------|----------|---------------|------------|
| Arlington | 4 | \$82,877,000 | 6.45% |
| Fairfax, incl. Vienna | 9 | \$531,015,670 | 41.32% |
| Loudoun, incl. Leesburg | 11 | \$337,347,000 | 26.25% |
| Prince William, incl. Dumfries | 7 | \$244,360,000 | 19.01% |
| Alexandria | 5 | \$27,478,652 | 2.14% |
| City of Fairfax | 3 | \$39,250,000 | 3.05% |
| Falls Church, incl. NOVA Parks | 2 | \$18,944,959 | 1.47% |
| VRE | 1 | \$4,000,000 | 0.31% |



NVTA Staff Recommendations (Steps 1/2)

Primary Modal Component:



1 project

\$ 3,244,959



0 projects

\$ -



6 projects

\$ 344,010,161



2 project

\$ 9,000,000



1 projects

\$ 2,300,000



3 projects

\$ 11,345,491



10 projects

\$ 176,962,000



19 projects

\$ 738,410,670

Note: Most projects feature at least one supporting modal component



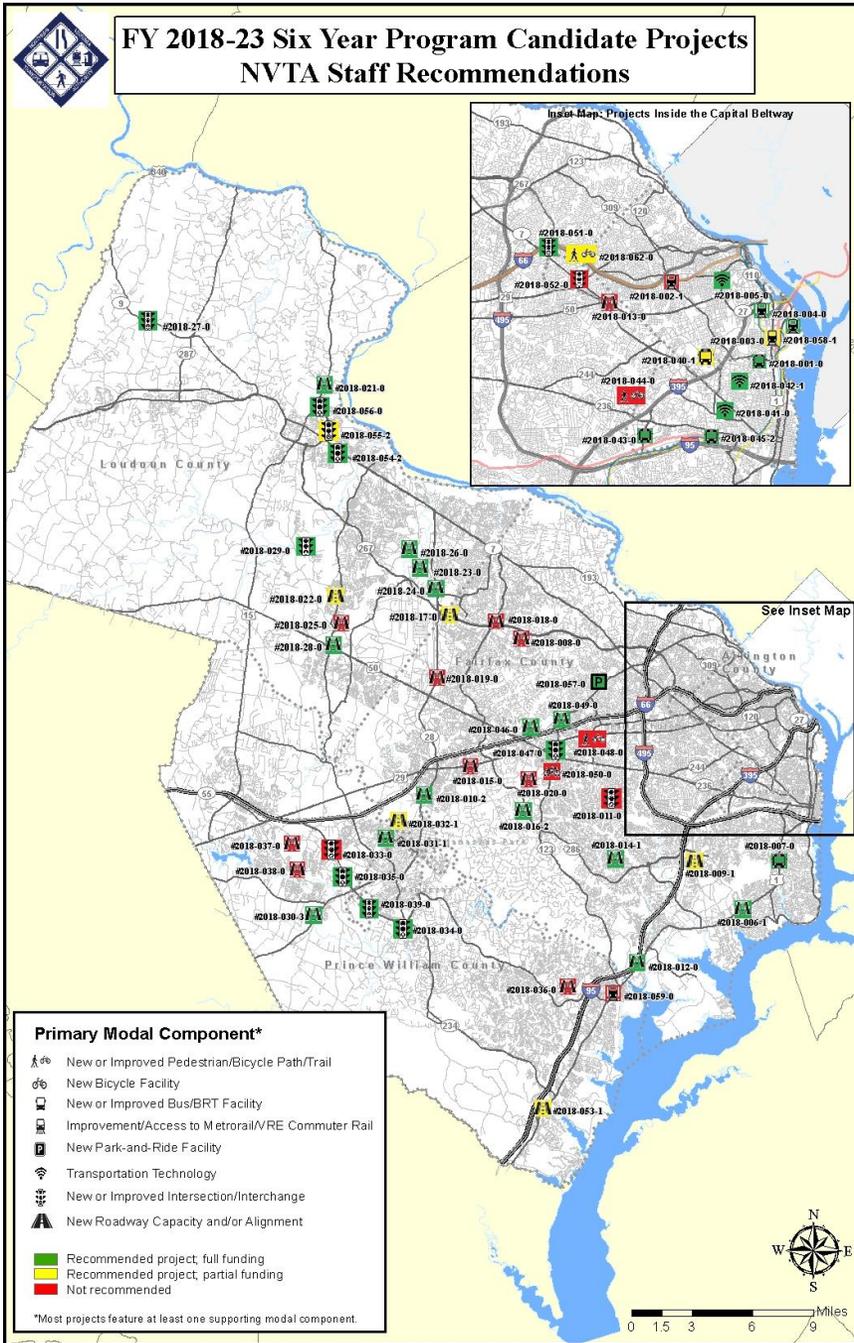
NVTA Staff Recommendations – Step 1/2

Steps 1 and 2 recommendations advance the TransAction regional approach in select corridors:

- Outside the Beltway – 30 projects:
 - Routes 7/9/15 Corridors – 8 projects
 - Route 28 Corridor – 6 projects
 - I-95/Route 1 Corridor – 5 projects
 - Loudoun County Pkwy./Route 234 Corridor – 5 projects
 - I-66/Route 29 Corridor – 4 projects
 - Fairfax County Parkway Corridor – 2 projects
- Inside the Beltway – 12 projects
 - Multiple corridors



FY 2018-23 Six Year Program Candidate Projects NVTA Staff Recommendations

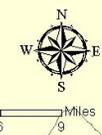


Primary Modal Component*

- New or Improved Pedestrian/Bicycle Path/Trail
- New Bicycle Facility
- New or Improved Bus/BRT Facility
- Improvement/Access to Metrorail/VRE Commuter Rail
- New Park-and-Ride Facility
- Transportation Technology
- New or Improved Intersection/Interchange
- New Roadway Capacity and/or Alignment

■ Recommended project, full funding
■ Recommended project, partial funding
■ Not recommended

*Most projects feature at least one supporting modal component.





NVTA Staff Recommendations – Other

- If TAC prefers to make alternative project recommendations, the following are suggested factors to consider:
 - Suggested Priority Tier 1
 - Enhanced Smart Scale success
 - Additional phases of recommended projects
 - Committed external funds
 - Suggested Priority Tier 2
 - Public comment
 - Geographic balance
 - Modal balance, including non-motorized modes
 - Unforeseen capacity expansion/congestion reduction needs or grant-matching opportunities, i.e. leave unallocated
- Adding new project recommendations/funding amounts requires corresponding reductions to be made elsewhere



NVTA Staff Recommendations – Other

- Encourage jurisdictions and agencies to submit eligible projects to:
 - Smart Scale
 - SMART application portal open
 - Pre-application deadline June 1, 2018
 - Full application deadline August 1, 2018
 - Next SYP Update
 - See slide #24



NVTA Staff Recommendations – Other

- General contingencies:
 - Deadline for executed SPAs
 - Forthcoming policy related to expiration of approved regional revenues



Future SYP Updates

July 2019: Call for Regional Transportation Projects

September 2019: Application deadline

November 2019: Resolution deadline

February 2020: Commence PCAC/TAC/PPC reviews

March 2020: Release draft FY2020-2025 SYP

April 2020: Open House/Public Hearing

June 2020: SYP adoption

Subsequent SYP updates every two years



TAC Recommendations

- Endorse/modify Step 1
- Endorse/modify Step 2
- Other recommendations