NORTHERN VIRGINIA HIGHLIGHTS

• SMART SCALE
• Transform 66
• 395 Express Lanes
• Other Recent Project Successes
• Upcoming Projects
• Maintenance/Paving
SMART SCALE | Round 3

- **433 applications** evaluated across the state (**39 in Northern Virginia**)

- **$7.4 billion** in requests for available **$856.1 million**

- Scored on **key factors:**
  - Improvements to safety
  - Congestion reduction
  - Accessibility to jobs and businesses
  - Land use
  - Economic development
  - Environment
13 projects in NOVA valued at $205.1 million recommended for funding, including:

- West End Transitway (*City of Alexandria*)
- Crystal City Metro East Entrance (*Arlington County*)
- Richmond Highway Bus Rapid Transit (*Fairfax County*)
- Multimodal and trail improvements include South Elden Street Improvements (*Town of Herndon*), Picket Road Trail (*City of Fairfax*), and intersection improvements (*Loudoun and Prince William Counties*)

CTB funding decision at June meeting

[Vasmartscale.org](http://vasmartscale.org) for information on all applications and projects
Transforming I-66
Express Lanes Inside the Beltway

- **Weekdays 5:30-9:30 a.m. eastbound; 3-7 p.m. westbound**
  - HOV-2+ continue to use for free with an E-ZPass Flex switched to HOV-mode
  - Drivers can pay a toll and drive alone with an E-ZPass

- Multimodal initiatives funded by I-66 toll revenue
- $19.4 million provided to 20+ multimodal projects that are online and expected to move additional 7,000 people
- Bus usage increased by 575 additional riders each weekday through new commuter and express bus routes to Pentagon and D.C.
- NVTC received 20 project proposals worth $32 million for the I-66 Commuter Choice Program’s third round of funding. NVTC votes in June on slate of projects to be considered by the Commonwealth Transportation Board. $20 million projected to be available
Transforming I-66

Inside the Beltway | Eastbound Widening

- Adding a fourth lane from Dulles Connector to Fairfax Drive (exit 71) (about four miles)
- Construction underway with new lane opening late 2020
- Includes new bike/ped bridge over Lee Highway (Route 29) for the W&OD Trail in Arlington/East Falls Church, expected completion fall 2020
- Includes a new ramp connection from eastbound I-66 to the West Falls Church Metro station at the Route 7 interchange
- Noise walls will be built at eligible locations within the project area. Existing green metal walls within project limits will be replaced with new noise walls. Works starts this summer.
Transforming I-66
Outside the Beltway

- $3.7 billion, 22.5 miles of multimodal improvements under construction
- Two express lanes each direction from the Beltway to Route 29 in Gainesville
- Three general purpose lanes in each direction
- Median reserved for future transit
- HOV/transit access to express lanes
- Improved park-and-ride options with access to express lanes

- Shared-use trails integrated with existing trails
- $800 million in transit payments for buses and increased service
Transforming I-66
*Outside the Beltway*

- Traffic shifts in place at Route 28 and Route 123 interchanges
- Final noise analysis underway
- Construction through 2022
I-395 Express Lanes
Eight miles north to the D.C. line

- Converting two HOV lanes to three Express Lanes (toll-free for HOV-3) from near Edsall Road to the 14th Street Bridge
- Includes widening I-395 south general purpose from Duke Street to Edsall Road
- Reconstructing Eads Street interchange area to improve operations
- Completion under 2012 Comprehensive Agreement with 95 Express Lanes, LLC
- Extensive coordination with Pentagon, Arlington, Alexandria, D.C., and other stakeholders
I-395 Express Lanes
Eight miles north to the D.C. line

• Improvements to Pentagon Reservation’s South Parking Lot opened May 20, with new bus-only travel lanes and reconfigured slug lines

• Slip ramp from I-395 HOV to southbound general purpose lanes past the Pentagon has closed permanently (Drivers should use ramp just past 14th Street Bridge)

• New Express Lanes open October 2019
Traffic pattern changes to assist shuttles:

- Bus-only shoulder signed on Outer Loop at Eisenhower weekdays 3-8 p.m.
- Striping adjustments on eastbound Huntington Avenue to add four temporary bays for additional shuttles.
- Temporary mobile traffic cameras near shuttle locations
- Monitoring and adjusting signal timing where possible for changing traffic patterns
Recently Completed | Arlington Veterans Bridge

• Rehabilitation of Washington Boulevard bridge over Jefferson Davis Highway, adjacent to the Pentagon and built in 1941.

• New shared-use path, reconstructed sidewalk

• Decorative iron fencing LED pedestrian lighting

• Gateway pillars feature signature medallions honoring military branches

• $31 million in federal/state funds
Nearing Completion | Jones Branch Connector

- New $58 million link from Jones Branch Drive over the Beltway in Tysons
- New direct access to Route 123 and the 495 Express Lanes
- One lane in each direction opened in late 2018, final completion fall 2019
- Includes on-street bike lanes, lighted sidewalks
- Relieving congestion at Route 123, I-495 interchange and other intersections
- 32,000 vehicles/day expected by 2040
- Federal, state & county funds
Under Construction | Route 7 Corridor Improvements

- Adds a third lane each direction from Reston Avenue to Jarrett Valley Drive, shared-use paths and major intersection improvements along seven miles
- Will increase capacity, improve safety and traffic flow, and provide better mobility for cyclists and pedestrians
- Triple left-turn at Baron Cameron Avenue expected by start of school year
- $313.9 million project via federal, state, local including SMART SCALE and NVTA
Under Construction | Route 7/Battlefield Parkway Interchange

• A new interchange to increase capacity, improve safety and traffic flow
• Also removing Cardinal Park Drive signal, adding auxiliary lanes on eastbound Route 7 and shared-use path/sidewalk along Battlefield Parkway
• Design-build contract awarded; construction underway this fall; completion Fall 2021
• Route 7 averages 75,000 vehicles a day, with 14,000 along Battlefield Parkway
• $77 million via federal, state, town, county and NVTA
In Development | *Richmond Highway Corridor Improvements*

- $372 million includes reconstruction for three lanes in each direction from Jeff Todd Way to Sherwood Hall Lane (three miles)
- Reserves current footprint as median for future bus rapid transit (BRT)
- Major intersection improvements and new bike/ped facilities
- $156 million for right of way and utilities
- Partially funded via federal, state, county, and NVTA
- Close coordination with Fairfax County for ±$700 million BRT & Embark initiative
- Construction could begin 2023
In Development | *Fairfax County Parkway & Popes Head*

- **Popes Head Interchange**
  - Accommodates future Shirley Gate Extension and new entrance to Patriot Park
  - $65 million in federal/state funds, including SMART SCALE & NVTA
  - Advertise in 2022
- **Fairfax County Parkway Widening**
  - $160 million of improvements along five miles between Route 29 and Route 123
  - Adding a third lane in each direction, improvements at Route 123 and Burke Centre Parkway
  - Partially funded by NVTA; possible construction 2024
- **Concurrent design and public outreach with community ongoing; public hearing later this year**
In Development | Route 29 Improvements

- Reconstruct and widen 1.5 miles of Lee Highway from four to six lanes between Union Mill Road and Buckleys Gate Drive

- Relieve a.m./p.m. bottleneck, particularly Stringfellow/Clifton Roads

- Improve vertical alignment for sight distance, add and improve shared-use paths with connection to trails at Fairfax County Parkway/West Ox

- $86 million project financed including SMART SCALE, I-66 confession fee

- Public hearing June 10, 2019; construction could begin late 2022
<table>
<thead>
<tr>
<th>Project</th>
<th>Construction Estimate</th>
<th>Total Estimate</th>
<th>Note</th>
</tr>
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<tbody>
<tr>
<td>Route 28 Widening (Manassas)</td>
<td>$17M</td>
<td>$19M</td>
<td>D-B-B, May 2019; Federal, state, local funds</td>
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<td>Balls Ford/Route 234 Interchange (Prince William)</td>
<td>$118</td>
<td>$145</td>
<td>D-B, RFQ Spring 2019; I-66 Concession funds</td>
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<td>Route 28 Widening from Compton to Route 29 (Fairfax)</td>
<td>$65M</td>
<td>$76</td>
<td>D-B, RFQ spring 2019; Federal, state, local and SMART SCALE funds</td>
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<td>Springfield CBC Parking Garage (Fairfax)</td>
<td>$55M</td>
<td>$64M</td>
<td>D-B-B, Dec 2019; Federal and local funds</td>
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<td>Route 1 Widening Featherstone to St. Marys Way (Prince William)</td>
<td>$38M</td>
<td>$85M</td>
<td>D-B-B, Oct 2019; Federal, state, SMART SCALE and NVTA funds</td>
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75% of all state-funded projects in development in Northern Virginia are administered by local governments.
In Development | I-495 NEXT

• Three-mile northern extension of Express Lanes from Dulles Toll Road to vicinity of American Legion Bridge
• In January 2019, Governor and Secretary of Transportation announced agreements with Transurban to invest more than $1 billion in transportation improvements along I-495 and I-95
• VDOT’s Environmental Assessment includes study of potential direct connections to George Washington Memorial Parkway. Traffic and environmental studies expected to be complete in late 2019.
• A second public meeting was held May 20, 2019; public hearing is expected later this year. Construction could begin in late 2020
• To be closely coordinated/compatible with Maryland plans
In Development | Route 29 Improvements

- Reconstruct and widen 1.5 miles of Lee Highway from four to six lanes between Union Mill Road and Buckleys Gate Drive

- Relieve a.m./p.m. bottleneck, particularly Stringfellow/Clifton Roads

- Improve vertical alignment for sight distance, add and improve shared-use paths with connection to trails at Fairfax County Parkway/West Ox

- $86 million including local and SMART SCALE funds, I-66 confession fee

- Public hearing June 10, 2019; construction could begin late 2022
Maintaining Our Pavement | 2019 Program

- Resurfacing close to 1,000 lane miles at about $106 million

Entering this paving season, our roads rated in fair or better condition:

Interstates: 86% | Primaries: 88% | Secondaries: 41%