



County of Fairfax, Virginia

Sully District Council of Citizens Associations

December 16, 2020

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Fairfax County Department of Transportation



Tonight's Topics

- Impact of the Pandemic on Transportation
 - Current
 - Future
- Project Updates
 - Silver Line
 - Silver Line Bus Service Plan
 - I-66
 - Route 28 (Fairfax County; Prince William County)
 - Route 29
 - Braddock Road
 - Fairfax County Parkway
 - Route 50
- Loudoun County Proposal
 - Route 50 Northern Collector Road
- Questions and Answers



Impact of the Pandemic

Current

- Transportation Demand Management
 - Significant increase in telework
 - Technology facilitated
 - Limits to teleworking
- Roadways
 - Initially 40 to 50% drop in traffic
 - Interstates: now only 10 to 20% below pre-pandemic; not as concentrated in peak
 - Arterials: about 35% below pre-pandemic
 - Trucks: fully recovered; in some cases exceeding pre-pandemic
- Transit
 - 95% drop in rail ridership; still 80-85% below pre-pandemic
 - 70% drop in Fairfax Connector ridership; now -35% weekdays; -5% weekends
- Bike and Pedestrian
 - Increased significantly





Impact of the Pandemic



Future

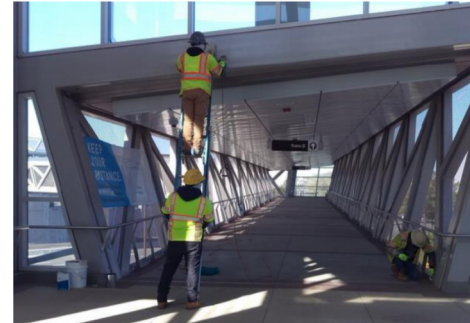
- Transportation Demand Management
 - Continued telework, but not five days a week
- Roadways
 - Likely to make a full recovery over time; peaks may be lower
- Transit
 - Rail transit and express bus will likely be slow to recover until vaccine is widely available
 - Tied to recovery of office market
 - Local bus will likely fully recover
- Bike and Pedestrian
 - Likely to see continued usage now that it's been discovered/rediscovered





Silver Line Phase 2

- Overall Phase 2 – 99% complete
- General Activities
 - Package A - Interior station finishes and clean up, touchup paving and roadway striping, dynamic testing, and final alignment of track and switches.
 - Package B (Rail Yard) – Testing and commissioning, building punch lists, and software programming.
- Timeline
 - Package A (Rail, systems, stations) completion – Early 2021 (target)
 - Package B (Yard) completion – Early 2021 (target)
 - Metro Board to establish Revenue Operations Date



Touch-ups on
Pedestrian Bridge
In Reston



Train Wash
Testing



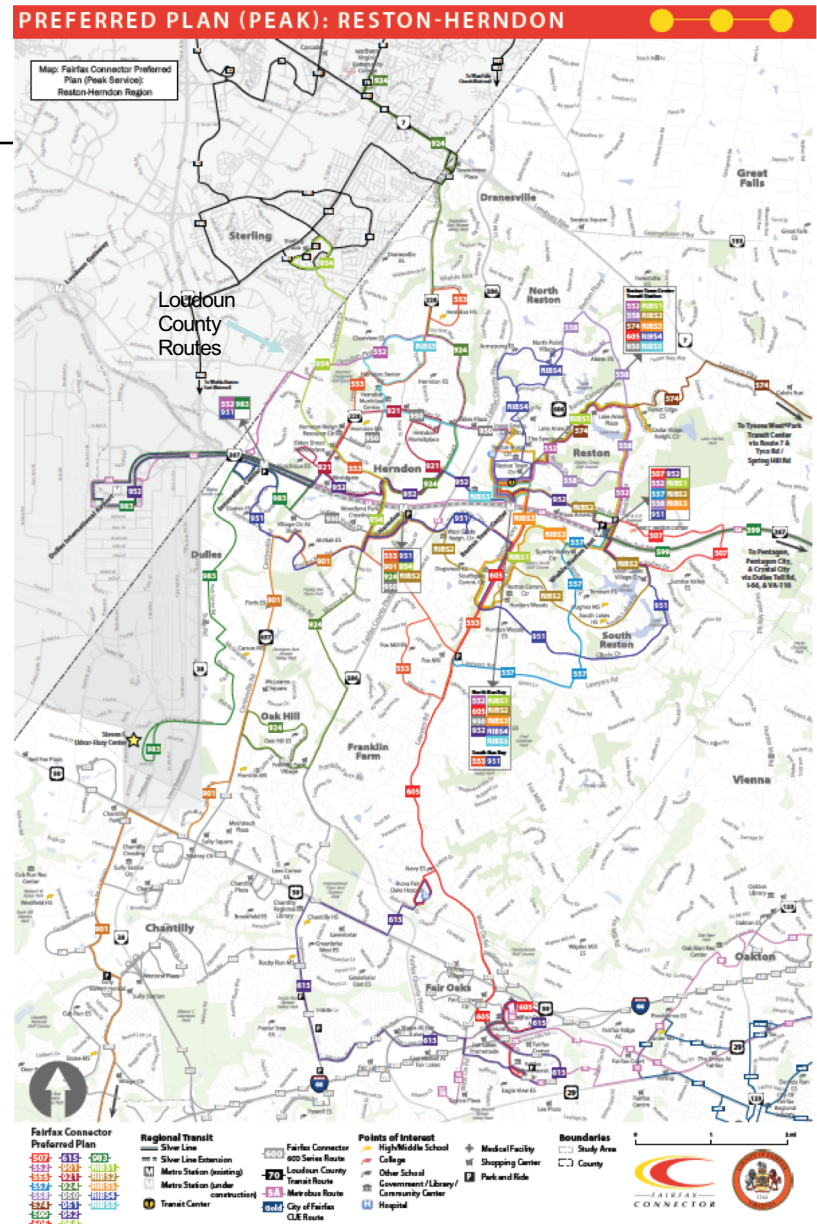
Reston Town
Center
Station Entrance
Pavilion



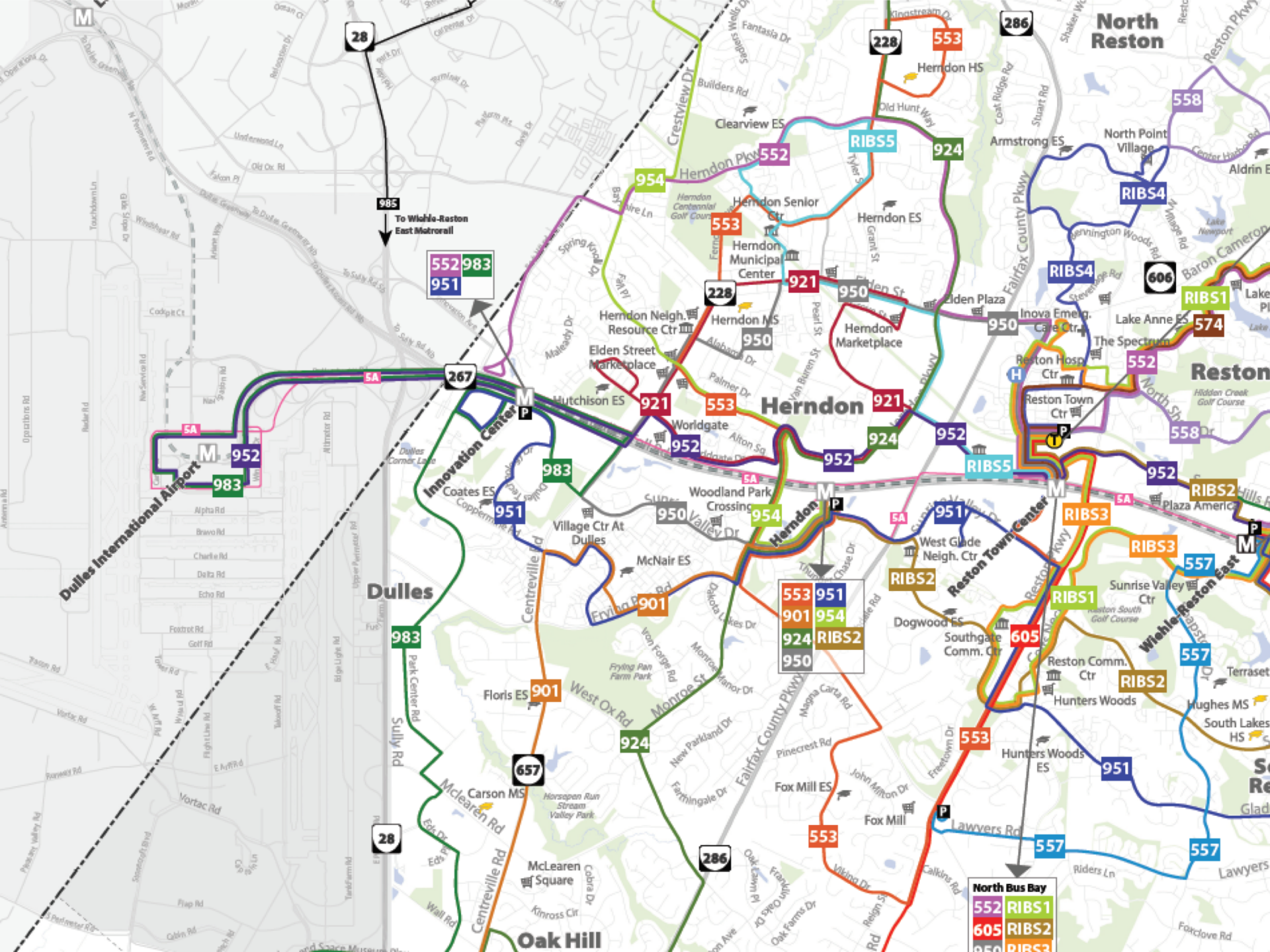
County of Fairfax, Virginia

Silver Line Phase 2 Bus Service Plan

- New connections and routes
 - Chantilly / Centreville to Dulles Corridor
 - Northern Virginia Community College (Loudoun Campus)
 - Sterling to Herndon
- Improves average frequency from 30 to 20 minutes
- Improves span of service
- Provides more direct connections
- Shortens travel time
- Increases access to transit reliant population and employment
- Maintains bus stop coverage at most locations
- Improves access to middle and high schools
- Board consideration on March 9, 2021
- Implementation with Silver Line



Link: <https://www.fairfaxcounty.gov/connector/herndon-reston-service-review>





Project Updates

- I-66
 - Express Lanes Project (Route 15 to I-495)
 - Eliminated remaining signals north of Route 29 in November 2020 (On schedule)
 - Popular Tree Road Bridge Open
 - Work continues on interchanges (Route 29, Route 28, Route 50, Route 123, Nutley Street and I-495) and mainline
 - Work on Monument Drive Bridge has not started yet
 - Numerous bridges over I-66 under construction
 - I-66 Bridges over Route 29
 - Parallel Trail
 - Monument Drive Transit Center
 - New bus services initiated; more in the future
 - Target completion: end of 2022





Project Updates

Route 28 (Fairfax County)

- Construct an additional lane in each direction from just north of the bridge over Bull Run to the Route 29 Interchange
- Reconstruct sub-standard vertical alignment on SB Route 28 to meet current standards
 - Compton Road to Bradenton Drive
 - Just south of New Braddock Road
- Include Shared Use Paths
 - Both Sides of Route 28
 - Short Section of Sidewalk on SB side between Upperridge Drive and Machen Road due to Right-of-Way constraints
- \$78.8 Million

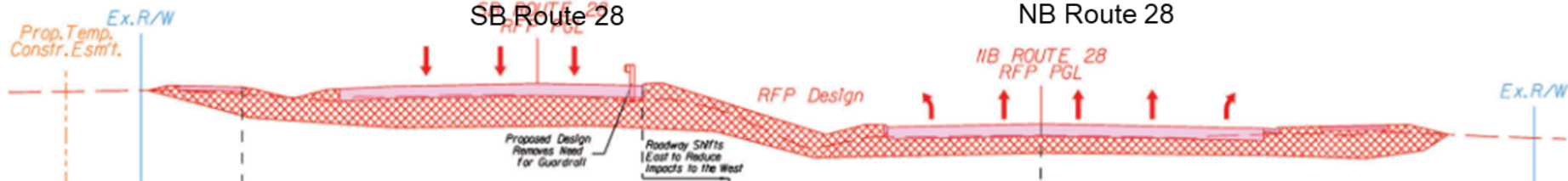




Project Updates

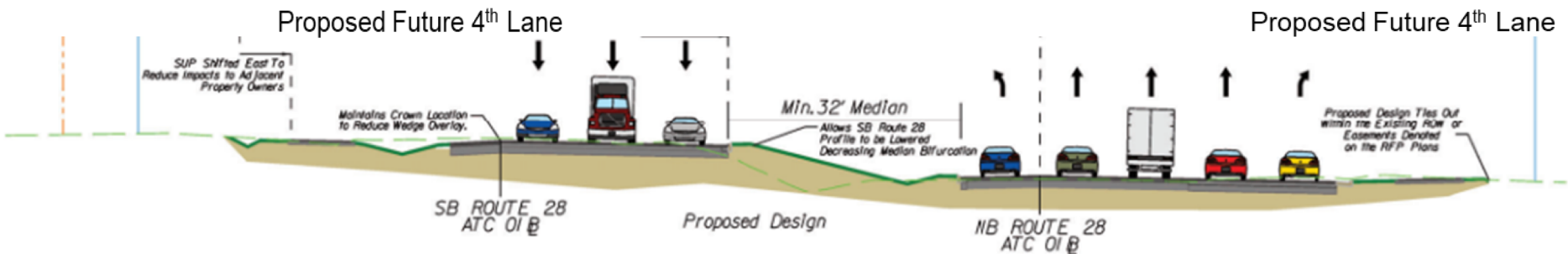
Route 28 (Fairfax County)

Original Design



Design Enhancement

Southern Terminus to Old Mill Rd/Green Trails Intersection





Project Updates



Route 28 (Fairfax County)

- | | |
|--|--------------------|
| • Design Public Hearing – | September 23, 2019 |
| • Final Environmental Document – | October 30, 2019 |
| • Award Design Build Contract - | May 26, 2020 |
| • Notice to Proceed - | June 15, 2020 |
| • Roadway Plans (60% Complete) – | October 12, 2020 |
| • Start ROW Acquisition (Total Acquisitions) | November 2020 |
| • Start Temporary Roadway Widening - | January 2021 |
| • Start Permanent Roadway Widening - | Spring/Summer 2021 |
| • Substantial Completion – | Spring 2023 |
| • Final Construction Completion – | Summer 2023 |

Route 28 Bypass



Prince William Board of
County Supervisors (BOCS)
endorsed the Route 28
Bypass Option in
September 2020



Route 28 Bypass Concept Location



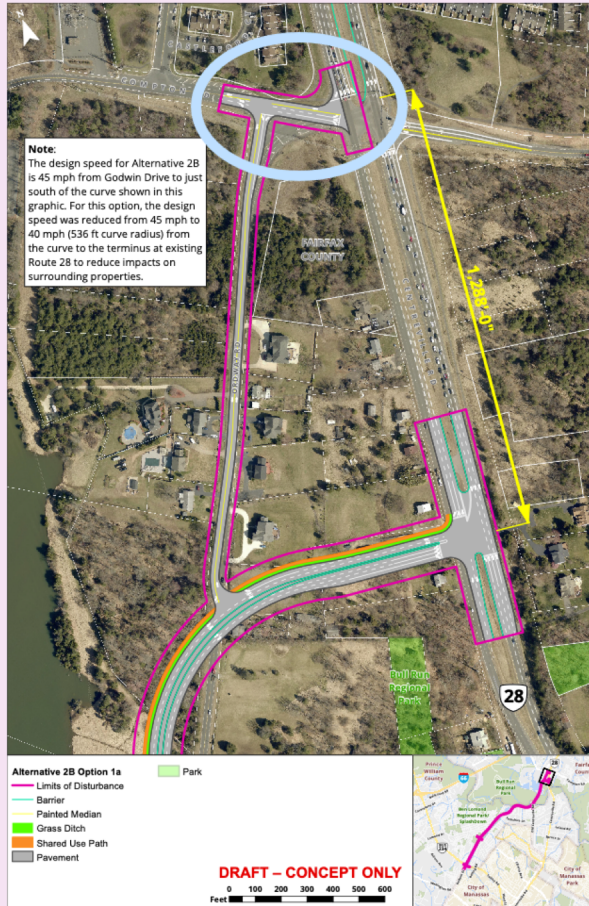
- This represents the Route 28 Bypass corridor concept.
- The specifics of the corridor will be **determined** during the Design and Engineering Phase (Phase 2).
- The actual Bypass will **have a smaller footprint** than currently represented on this map.

DRAFT- CONCEPT ONLY

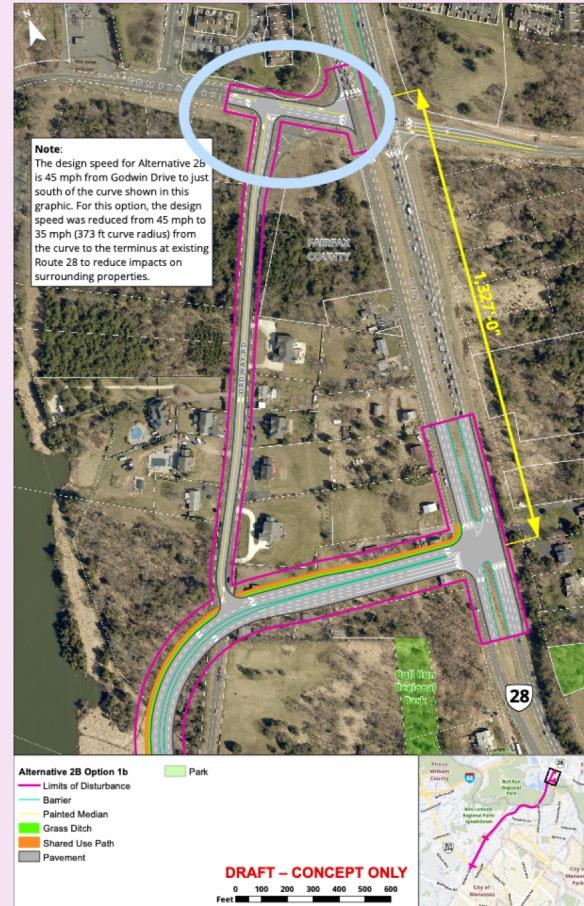


Zooming In on the Fairfax County Tie-in Point

Route 28 Bypass Option 1A Terminus



Route 28 Bypass Option 1B Terminus



- These represent some of the options for the Bypass terminus in Fairfax County.
- The specifics of the terminus will be determined during the Design and Engineering Phase (Phase 2).



Project Updates

Route 29

- Pickwick Road to Buckley's Gate
- Widen from four to six lanes
- Bike and pedestrian facilities
- Address bifurcated roadway
- \$85.9 M
- Land acquisition phase underway
- Utility Relocation: September 2021
- Construction Completion: Late 2023

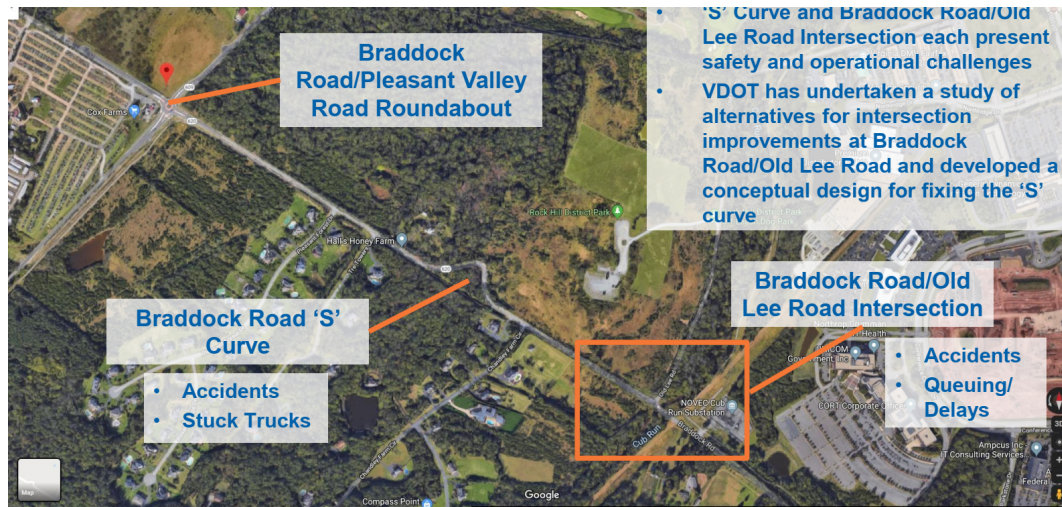




Project Updates

Braddock Road/Old Lee Road

- Intersection Improvement
- Address hazardous curve
- Add pedestrian facility
- Estimated Cost: \$16 M; Funding application submitted to VDOT
- Funding decision: June 2021; Funding availability: July 2025

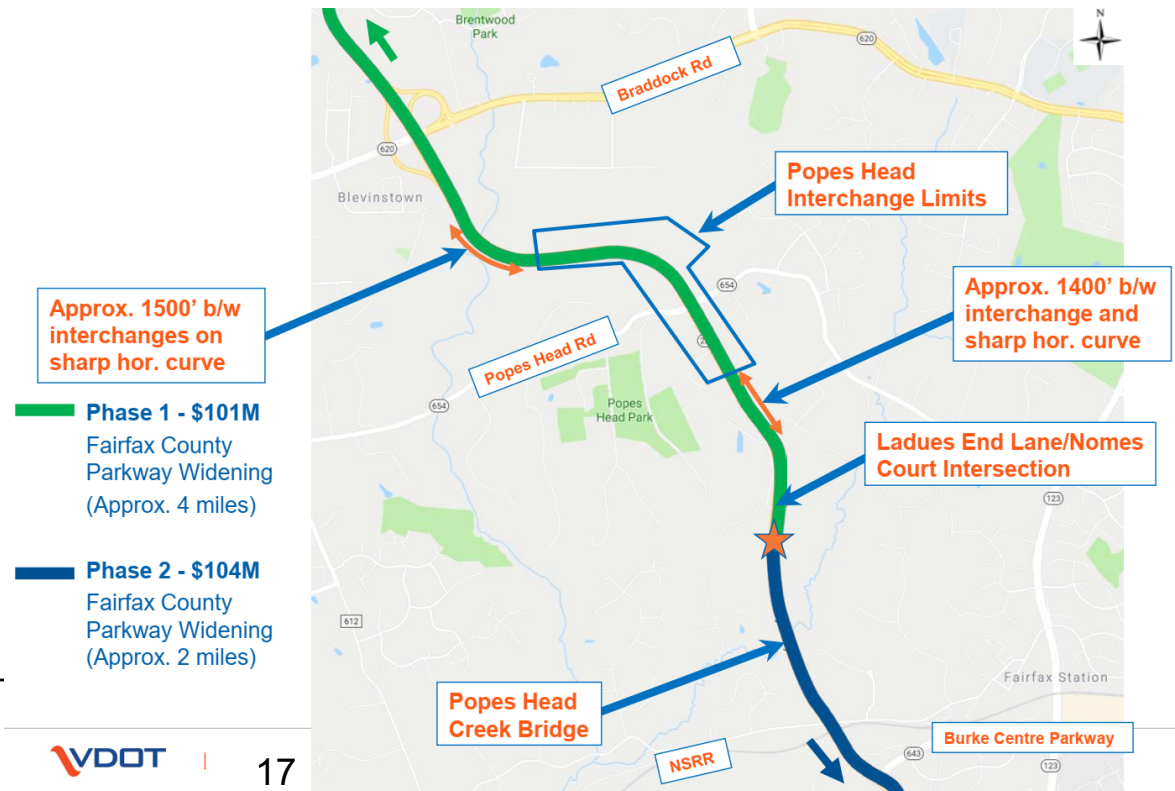




Project Updates

Fairfax County Parkway

- Widen from Route 29 to Nomes Court
- Construct interchange at Popes Head Road

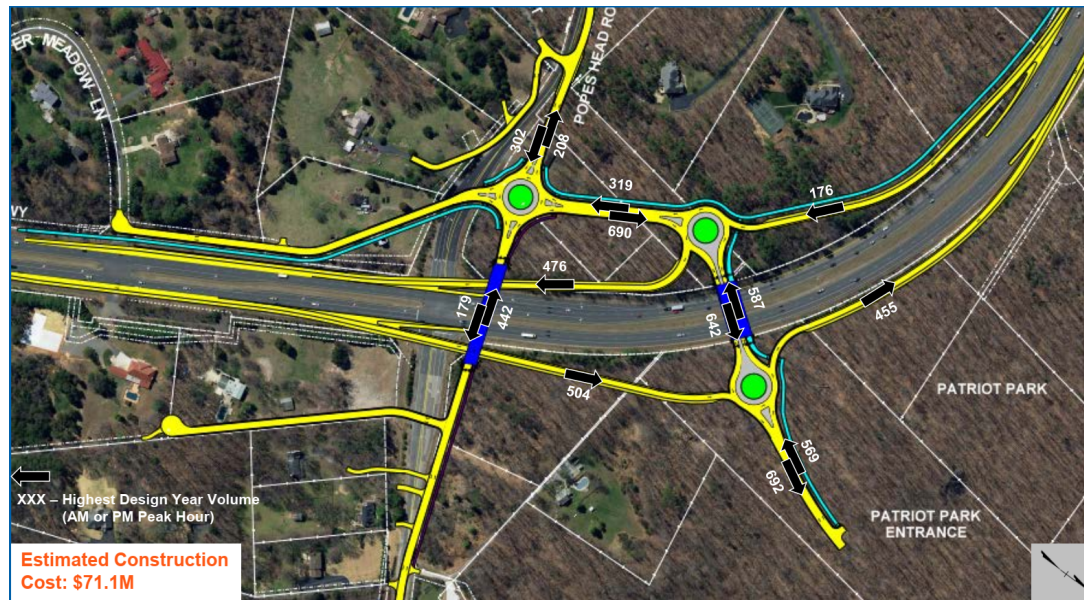




Project Updates

Fairfax County Parkway

- Popes Head Interchange
 - Land acquisition begins: Early 2021
 - Construction begins: Late 2022
 - Construction completion: Late 2024
- Widening
 - Land acquisition begins: Late 2021
 - Construction begins: Late 2023
 - Construction completion: Late 2025

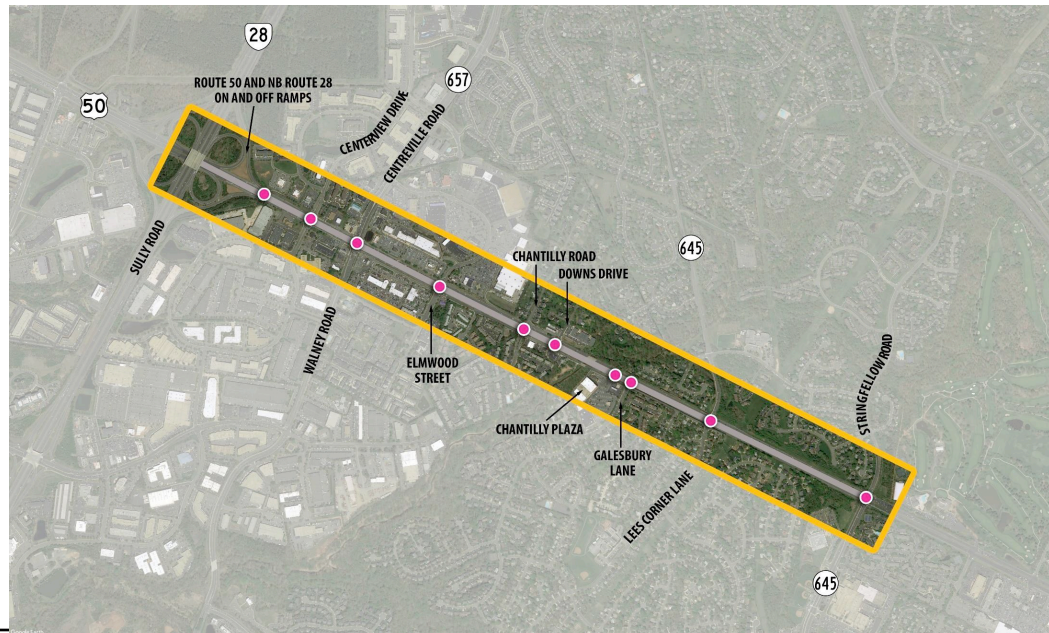




Project Updates

Route 50

- VDOT conducted corridor study (Route 28 to Stringfellow)
- Intersection improvement recommendations
- Consideration for future funding requests





Loudoun County Proposal

- Route 50 Northern Collector Road
 - Tall Cedars to Route 28
 - Estimated cost: \$96.2 million
 - Coordination required
 - Fairfax County
 - Metropolitan Washington Airports Authority
 - Smithsonian
 - Not in Fairfax County's Comprehensive Plan
 - Waiting for traffic analysis from Loudoun County



Questions?