

SULLY DISTRICT 2020 PAVING & RESTRIPIING

Public Information Meeting

March 2, 2020 7:00 pm



Presenters: Allison Richter, VDOT and Chris Wells, FCDOT



AGENDA

- VDOT Paving Program Overview
- Proposed Striping Modifications
- Summary
- Q&A

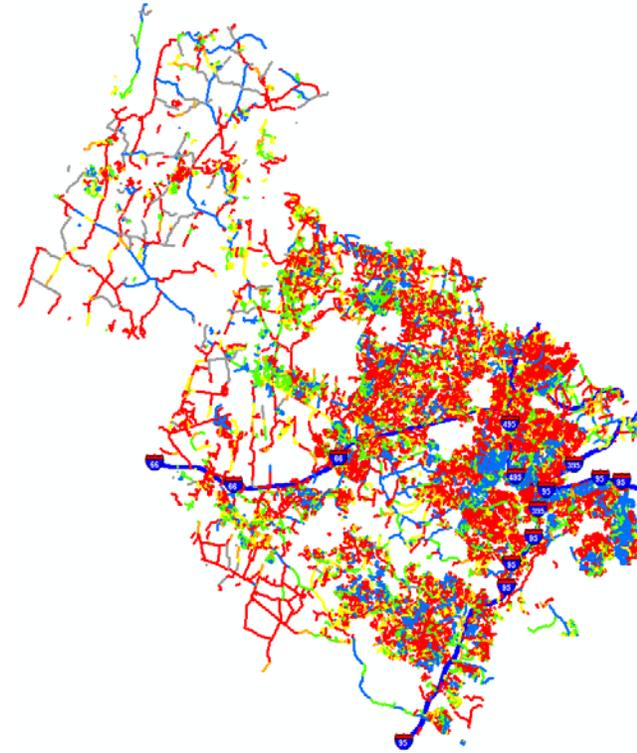


VDOT Paving Program Overview



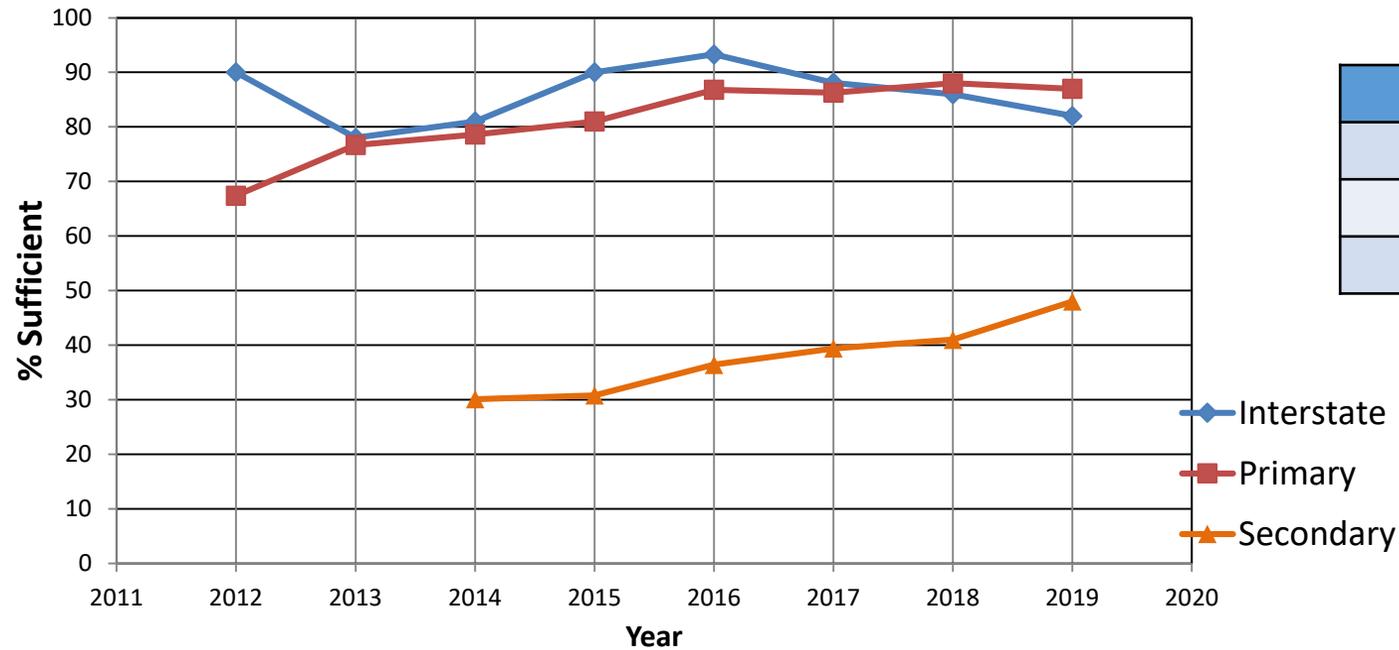
NOVA DISTRICT PAVEMENT CONDITION RATINGS 2019

- CONDITION (CCI)
- EXCELLENT (90 - 100)
 - GOOD (70 - 89)
 - FAIR (60 - 69)
 - POOR (50 - 59)
 - VERY POOR (0 - 49)
 - NOT RATED (-1)



2019 Dashboard Pavement Condition Status

Pavement Condition



2019 Pavement Condition

| System | Percent Sufficient | Goal |
|------------|--------------------|------|
| Interstate | 82% | 82% |
| Primary | 87% | 82% |
| Secondary | 48% | 65% |



PAVING ALLOCATIONS FOR NOVA DISTRICT 2013-2020

| | Interstate | Primary | Secondary | Total |
|-----------------|------------|---------|-----------|-------|
| Fiscal Year | (\$M) | (\$M) | (\$M) | (\$M) |
| FY 2013 | 9.4 | 21.9 | 26.8 | 58.1 |
| FY 2014 | 22.0 | 17.3 | 44.0 | 83.3 |
| FY 2015 | 6.9 | 14.8 | 114.1 | 135.8 |
| FY 2016 | 7.8 | 23.9 | 107.2 | 138.9 |
| FY 2017 | 9.4 | 21.0 | 104.9 | 135.3 |
| FY 2018 | 14.2 | 16.1 | 110.6 | 140.9 |
| FY 2019 | 9.6 | 15.6 | 80.7 | 105.9 |
| FY 2020 | 9.3 | 15.7 | 79.8 | 104.8 |
| Total 2013-2020 | 88.6 | 146.3 | 668.1 | 903.0 |



2013-2020 NOVA DISTRICT REPAVING FACTS

| 2013-2020 (Fairfax - Arlington) | Interstate | Primary | Secondary | Total |
|--|------------|---------|-----------|----------|
| Total Expended, NoVA District 2013-2020, \$M | 88.6 | 146.3 | 668.1 | 903.0 |
| Lane Miles Paved, (Fairfax + Arlington) | 241.1 | 385.3 | 3,277.7 | 3,904.1 |
| Total Lane Miles Inventory (Arlington+Fairfax) | 511.4 | 911.8 | 5,597.3 | 7,020.5 |
| Total Lane Miles Inventory (NOVA District) | 727.0 | 1,736.0 | 11,122.0 | 13,585.0 |
| % of Network Paved in Past 8 Years (Fairfax +Arlington) | 47% | 42% | 59% | 56% |



HOW ARE ROADS SELECTED FOR PAVING?

Some Factors that Affect Paving Selections:

- Pavement Condition
- Traffic Volume
- Whole Neighborhoods versus Paving Main Streets Only
- Economies of Scale/Mobilization Costs
- Feedback from Maintenance Crews



TYPES OF TREATMENT

Preventive Maintenance

- Slurry Seal/Latex/Chip Seal
- Patching (not extensive)
- Crack Seal

Plant Mix (Corrective Maintenance)

- Mill less than 2 inches
- Overlay less than 2 inches of Surface Mix Asphalt
- Patching

Plant Mix (Restorative Maintenance)

- Mill greater than 2 inches less than 4 inches
- Overlay 2 inches of Intermediate Mix Asphalt
- Overlay < 2 inches of Surface Mix Asphalt

Full Depth Reclamation (FDR)

- Existing Asphalt / Aggregate / Soil Stabilization with Cement (6-8 inch.)
- Overlay Intermediate Mix Asphalt
- Overlay Surface Mix Asphalt



SCHEDULE FOR PAVING PLANNING/IMPLEMENTATION

January - February

Bids are received for current calendar year schedules, contracts are executed. Next calendar year schedules are in planning stages.

March - April

Work begins on current calendar year schedules when weather is warm enough. Next calendar year schedules are being reviewed and further data gathered.

May - October

Current year schedules are underway. Next calendar year schedules are coordinated and sent to Richmond to prepare for contract advertisement.

November - December

Current year schedules close out. Next year contracts are advertised for bids.



ONLINE PAVING MAP

<http://www.virginiadot.org/novapaving>

The screenshot displays the Virginia DOT 2017 Pavement Project Status web application. The browser address bar shows the URL: <http://vdot.maps.arcgis.com/apps/webappviewer/index.html?id=8d85337b32a24d2b92ce4d86d642e232>. The page title is "2017 Pavement Project Status" and the logo for "VirginiaRoads.org" is visible. A search bar at the top left contains the text "Rd, Mc Lean, Virginia, USA". The map shows a network of roads with different colors indicating their paving status: orange for "Scheduled", green for "In Progress", blue for "Completed", and black for "Rescheduled". A popup window titled "(1 of 2) Scheduled (Plant Mix)" provides detailed information for a selected project:

- Project Manager:** Ben Ernst
- Phone Number:** (571) 262-0716
- Email:** Benjamin.Ernst@vdot.virginia.gov
- Street Name:** Lewinsville Rd
- From Description:** 275' E from Center Line of Scotts Run Road
- To Description:** 10' W from Nose of Median
- District Name:** NOVA
- County Name:** Fairfax
- System:** Secondary
- Year of Completion:** 2017
- Schedule:** PM-9U-17
- UFC:** 109203
- State Project Number:** PM9U-029 N501
- Route Common Name:** SC-694E (Fairfax County)
- Lane Direction:** W
- Lane Miles:** 0.85mi

At the bottom of the map interface, there are two summary statistics:

| # of Segment(s) | Total Lane Mile(s) |
|-----------------|--------------------|
| 96 | 63.90 |

PAVING INFORMATION ONLINE

- Online paving map located at <http://www.virginiadot.org/novapaving>
- Virginia Roads pavement condition information located at <http://www.virginiaroads.org>
- MyVDOT (<https://my.vdot.virginia.gov>) or call 1-800-FOR-ROAD (367-7623) for maintenance requests



Sully District Proposed Striping Modifications

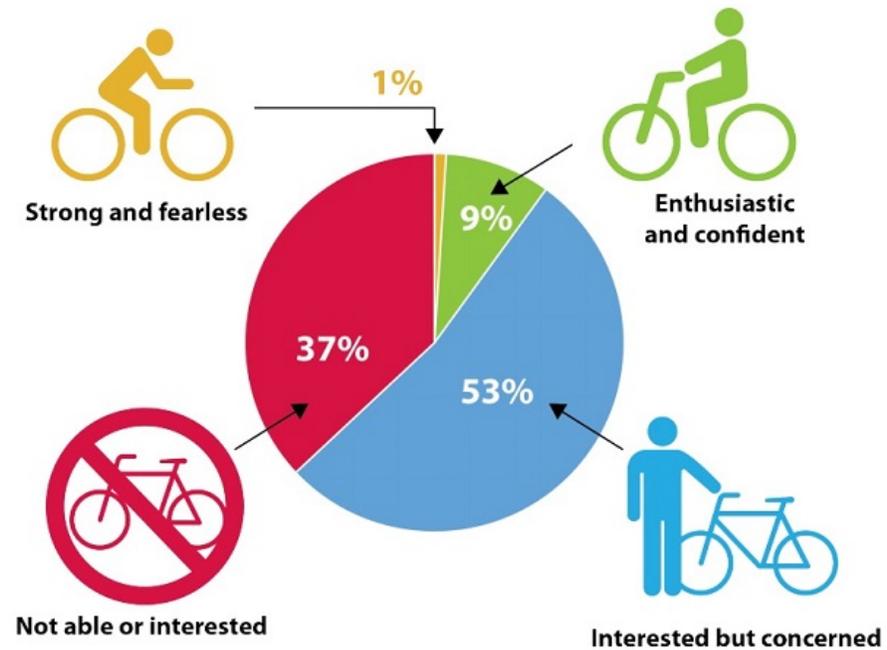


FAIRFAX COUNTY COMPREHENSIVE PLAN

- Seeks to improve traffic safety and provide transportation options to people around the County
- [Bicycle Network Plan](#): Establishes key bike route network and suggests type of bicycle facility
- Safer/more comfortable facility type can be implemented if space allows
- Routes can be added to connect destinations/origins to the bike network
- Implementation Options (if no road widening needed):
 - Capital Projects (\$\$\$)
 - Through Paving & Restriping Process (\$)



TYPES OF BICYCLE RIDERS IN FAIRFAX COUNTY



TYPES OF BICYCLE FACILITIES IN FAIRFAX COUNTY



SHARED LANE MARKING (SHARROW)

Shared lane markings indicate a shared travel lane for bicycles and cars.



Motorists may legally cross the double yellow line in order to safely pass a person riding a bicycle, as long as the oncoming lane is clear.



STANDARD BIKE LANE

Bike lanes give bicycles and cars their own spaces, making it safer to pass legally.



BUFFERED BIKE LANE

Buffered bike lanes provide additional space between bicycles and cars. The extra space makes both cycling and driving more comfortable.



BENEFITS OF BICYCLE INFRASTRUCTURE



THE TRAFFIC CALMING EFFECT

Annandale Road

BEFORE



Speeding Concerns

AFTER



Top speeds virtually eliminated



OLD CENTREVILLE ROAD - EXISTING

- Between Upperridge Drive/Old Centreville Road and Cul-de-sac
- Two travel lanes (very wide in some areas), on-street parking
- No on-street bike facilities



OLD CENTREVILLE ROAD - PROPOSED

- Between Upperridge Drive/Old Centreville Road and Cul-de-sac
- VDOT and FCDOT are proposing to add bike lanes, as well as shared lane markings in the narrow road sections.
- Existing legal on-street parking will be maintained on the east side of Old Centreville Road.
- As part of this proposal, existing legal on-street parking on the west side of Old Centreville Road would be converted to a bike lane.



SINGLETONS WAY - EXISTING

- Between New Braddock Road and Old Centreville Road
- Two travel lanes (very wide in some areas), on-street parking
- No on-street bike facilities



SINGLETONS WAY - PROPOSED

- Between New Braddock Road and Old Centreville Road
- Add bike lanes in both directions
- Existing legal on-street parking will be maintained on both sides of the road



UPPERRIDGE DRIVE - EXISTING

- Between Centreville Road and Centrowood Drive
- Two wide travel lanes
- On-street parking on both sides
- No on-street bike facilities



UPPERRIDGE DRIVE - PROPOSED

- Between Centreville Road and Centrewood Drive
- Add bike lanes in both directions
- Existing legal on-street parking will be maintained



GREEN TRAILS BOULEVARD - EXISTING

- Between Rock Canyon Drive and Wood Rock Way
- Two travel lanes
- Wide on-street parking lanes on both sides
- No dedicated bike facilities



GREEN TRAILS BOULEVARD - PROPOSED

- Between Rock Canyon Drive and Wood Rock Way
- Add bike lanes in both directions
- Existing legal on-street parking will be maintained



LAFAYETTE CENTRE DRIVE - EXISTING

- Full loop
- Two travel lanes
- Underutilized on-street parking on both sides
- No on-street bike facilities



LAFAYETTE CENTRE DRIVE - PROPOSED

- Full loop
- Add bike lanes in both directions
- Existing legal on-street parking will be maintained on the outside travel lane
- Existing legal on-street parking on the inside travel lane would be converted to a bike lane
- Where on-street parking is highly utilized on both sides of the road, legal on-street parking will be maintained on both sides and sharrows will be added.



PEDESTRIAN SAFETY

Opportunity to review

- Study busy pedestrian crossing locations without crosswalk markings
- Upgrade existing crosswalk striping
- Evaluate for signage and other safety improvements



COMMUNITY FEEDBACK

- **Paving-related comments** (e.g., drainage issues, missing signage, signal repair, walkway repair and sight distance issues due to vegetation overgrowth) should be submitted through the myVDOT portal: <https://my.vdot.virginia.gov/>. If you would like to request road repairs, please follow the "I need a road repaired" link on the VDOT portal or call 1-800-FOR-ROAD (1-800-367-7623).

Unfortunately, no additional roads can be added to the preliminary 2020 paving schedule at this point.

- **Striping-related comments** (e.g., marked parking lanes, crosswalks, and/or sight distance issues due to parked vehicles) can be submitted [electronically](#) to FCDOT.

Comments due by March 16, 2020



Thank you!

Questions/Comments?

