Virginia Department of Transportation

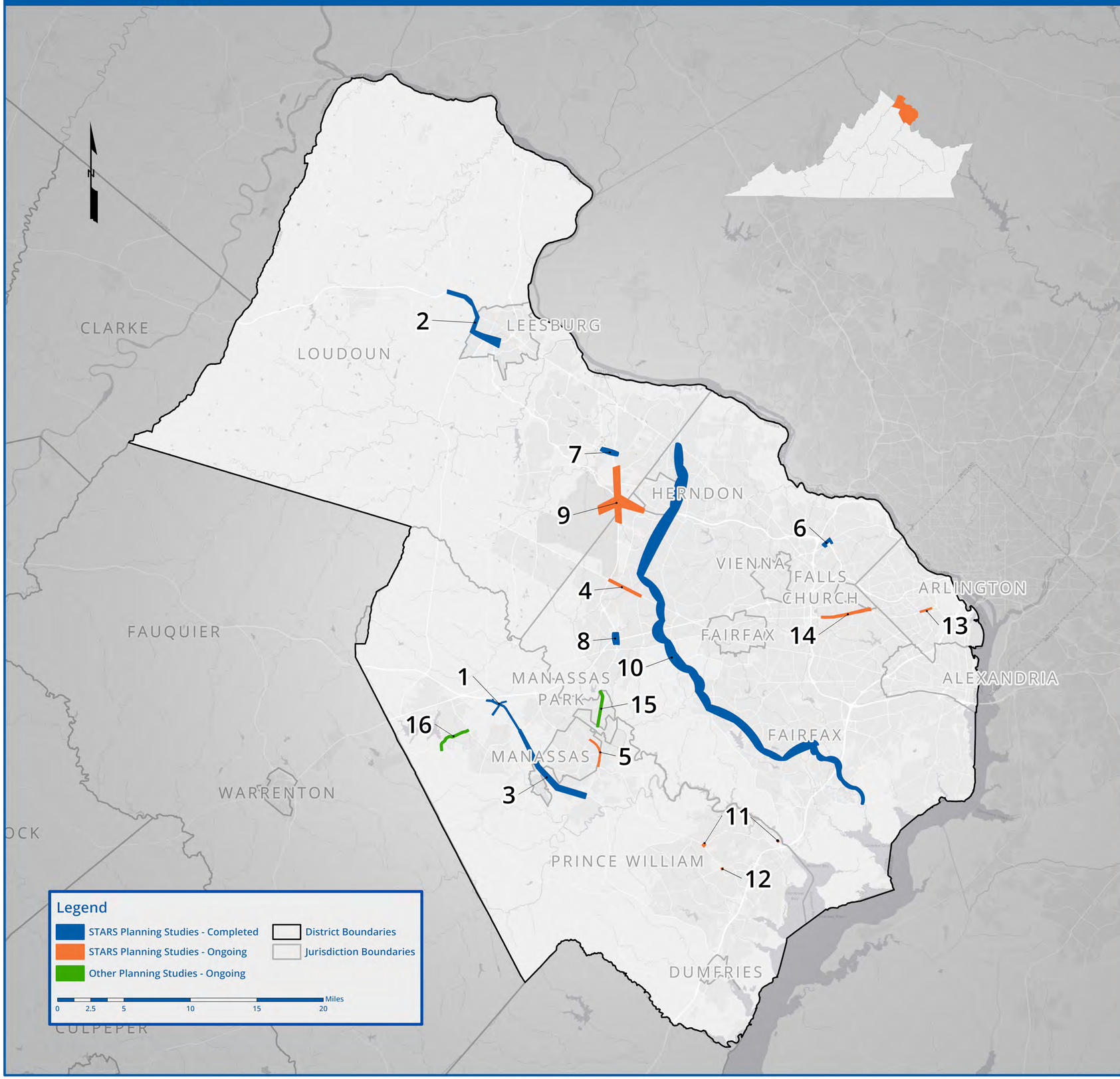
Transportation and Mobility Planning

VDOT Resources

Planning Studies and How They Can Assist in Getting Programmed Funds

NOVA District

October 2019



Legend

- STARS Planning Studies - Completed
- STARS Planning Studies - Ongoing
- Other Planning Studies - Ongoing
- District Boundaries
- Jurisdiction Boundaries

Miles: 0, 2.5, 5, 10, 15, 20

STARS

The objective of STARS (Strategically Targeted Affordable Roadway Solutions) Program is to develop comprehensive, innovative transportation solutions to relieve congestion bottlenecks and solve critical traffic and safety challenges throughout the commonwealth. The program, led by the VDOT Transportation and Mobility Planning Division, brings together planners, traffic engineers, safety engineers, roadway design engineers and maintenance specialists, along with local stakeholders, to jointly identify cost-effective measures aimed at improving safety and reducing congestion.

Planning Studies in Northern Virginia District

1 - Prince William Pkwy and Balls Ford Rd

Prince William County

STARS

Completed March 2019

Prince William Parkway (Route 234 Bypass) and Relocated Balls Ford Road (Route 621) Interchange

2 - Route 7 Corridor Improvement Study

Loundoun City and Town of Leesburg

STARS

Completed December 2017

Route 7 (Harry Byrd Highway) from Charles Town Pike to Dulles Greenway

3 - Rte 234 Byp Corridor Intersection Alt Analysis

Prince William County

STARS

Completed October 2018

Prince William Parkway from the Sudley Manor Drive intersection to Brentsville Road intersection to Brentsville Road

4 - Route 50 Study

Fairfax County

STARS

Ongoing

Rte 50 (Lee Jackson Memorial Highway) from Sully Road to Stringfellow Road

5 - Liberia Avenue – STARS Corridor Analysis

Manassas

STARS

Ongoing

Liberia Ave (Rte 4361) - Rte 28 to Prince William Parkway

6 - Rte 123 at Great Falls Street (Rte 694)

Fairfax County

STARS

Completed September 2011

Dolley Madison Boulevard (Route 123) from Great Falls Street (Route 694) to Anderson Rd

7 - Waxpool Road (Rte 625) at Pacific Blvd

Loudon County

STARS

Completed September 2011

Waxpool Road (Route 625) at Pacific Boulevard

8 - Sully Road at Braddock Rd/Walney Rd

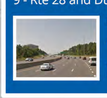
Fairfax County

STARS

Completed September 2011

Sully Road (Route 28) from Braddock Road (Route 620) / Walney Road (Route 657) to Sully Senior center

9 - Rte 28 and Dulles Toll Rd/Dulles Greenway Study



Loudon County and Fairfax County

STARS

Ongoing

Route 28 (Sully Road) from Frying Pan Road (Rte. 665) to S. Sterling Boulevard (Rte. 846)

10 - Fairfax Co Pkwy and Franconia-Springfield Pkwy

Fairfax County

STARS

Completed June 2017

Fairfax County Parkway from Leesburg Pike to Richmond Highway

11 - Rte 641 (Old Bridge Rd) from Rte 294 to Rte 123

Prince William County

STARS

Ongoing

Route 641 (Old Bridge Road) from Route 294 Prince William Parkway (intersection) to Route 123 Gordon Boulevard (intersection)

12 - Rte 294 from Prince William Pkwy to Minnieville Rd

Prince William County

STARS

Ongoing

Prince William Parkway (Route 294) from Prince William Parkway to Minnieville Road

13 - Rte 50 From Rte 120 to Rte 6622

Arlington County

STARS

Ongoing

Route 50 (Arlington Blvd) From Route 120 (Glebe Rd) to Route 6622 (Fillmore St)

14 - Rte 50 from Rte 2338 to Rte 613

Fairfax County

STARS

Ongoing

Route 50 (Arlington Blvd) from Route 2338 (Jaguar Trail) to Route 613 (Wilson Blvd)

15 - Centerville Rd Operational Improvement Study

Prince William County

Ongoing

Centerville Road (Route 28) from Blooms Quarry Lane to Fairfax County Line

16 - Rollins Ford Road Corridor Study

Prince William County

Ongoing

Rollins Ford Road from Linton Hall Road to Vint Hill Road

Bikeway and Trail Network Study

Ongoing

Study Area TBD

Park & Ride Assessment

Ongoing

Study Area TBD

7 Completed Studies

11 Ongoing Studies

Northern Virginia District planning studies have led to approximately **$500M** in programmed funds toward implementation from multiple sources (The Commonwealth, the NVTA, I-66 Concessioner, etc.)