



The objective of the **STARS (Strategically Targeted Affordable Roadway Solutions) Program** is to develop comprehensive and innovative transportation solutions to relieve congestion bottlenecks and solve critical traffic and safety challenges throughout the Commonwealth.



The program, which is led by the VDOT Transportation and Mobility Planning Division, brings together planners, traffic engineers, safety engineers, roadway design engineers, and maintenance specialists with local stakeholders to jointly identify cost-effective measures aimed at improving safety and reducing congestion.

This multidisciplinary approach, from a project's inception through completion, helps to:

- ★ Develop innovative, cost-effective solutions
- ★ Evaluate potential solutions more thoroughly
- ★ Identify potential project risks and costs
- ★ Build stakeholder consensus
- ★ Improve readiness for project implementation

### STARS Application Process

- ★ Coordinate with VDOT District Planner
- ★ Contact :

For Program Questions

**William Guiher**  
(804) 786-9483  
william.guiher@VDOT.Virginia.gov

**Gary Wilmouth**  
(804) 786-2551  
gary.wilmouth@VDOT.Virginia.gov

For Mapping Questions

**Pavneet Kaur**  
(804) 786-2996  
pavneet.kaur@VDOT.Virginia.gov

**Alina Afzal**  
(804) 786-2851  
alina.afzal@VDOT.Virginia.gov

<http://www.virginiadot.org/projects/stars.asp>



### Steps in STARS Project Programming:

**1 Data analysis and mapping**

GIS layers are assembled into one GIS map pack to help planners and engineers identify potential corridors for STARS project development.

**2 Identify project development corridors**

Corridors are identified based on data analysis and district input.

**3 Project studies/design solutions**

A study/preliminary design is conducted to identify benefits, risks, costs, and schedule.

**4 Funding applications**

Projects are submitted for a variety of funding applications, including:

- ★ RSTP/CMAQ
- ★ Revenue Sharing
- ★ House Bill 2 (HB2)
- ★ Highway Safety Improvement Program (HSIP)
- ★ TAP

**5 Project enters the Six-Year Improvement Program**

The STARS project development process was created to provide a continuous pipeline of projects prepared for implementation. Selected projects are advanced into VDOT's Six-Year Improvement Program.

