

ARTERIAL

PRESERVATION PROGRAM

Program Purpose and Need

The purpose of the **Arterial Preservation Program** is to preserve and enhance the capacity and safety along Corridors of Statewide Significance (CoSS) and other major highways throughout the Commonwealth. Preserving mobility on these corridors is critical to the current and future economy.

As an alternative to widening, the Arterial Preservation Program will consider the following strategies:

- ✔ Promote innovative transportation solutions that minimize delays and improve safety
- ✔ Use identified preservation and enhancement strategies as tools to plan for infrastructure that supports future land use and development

Program Goals

Overarching goal of the **Arterial Preservation Program** is to preserve and enhance the capacity of the **Arterial Preservation Network** while ensuring that:

- ✔ Mainline through traffic is served with priority
- ✔ Access points and traffic control do not degrade travel speed and safety
- ✔ Safety is improved

Did You Know?

In the wrong location, a traffic signal can significantly increase crashes and congestion.

Implementation Strategies

Implementation strategies to **preserve** and **enhance** corridors include:

- ➔ Integrate program priorities with local economic development goals
- ➔ Improve access management
- ➔ Educate communities on the benefits of improved mobility
- ➔ Inspire comprehensive, transportation and zoning planning efforts
- ➔ Eliminate unwarranted traffic signals
- ➔ Implement innovative intersection configurations

Program Initiatives

VDOT is currently reviewing policies and procedures to align with the goals of the **Arterial Preservation Program**. The review process is evaluating:

- * Current access management regulations
- * Current design exception process
- * Innovative Intersection and Interchange design policies and guidance
- * Traffic signal warrants
- * Identify and formally adopt Arterial Preservation Network

As a result of the review, some policies and/or procedures have already been updated.

What are innovative intersections?

Intersection designs where traffic movements are modified to improve safety, reduce delay, and increase efficiency.

- ✔ Innovative intersection configurations, such as the two shown below, are possible solutions in the **Arterial Preservation Program** toolbox

Did You Know?

Innovative intersections can reduce delays and crashes as much as 50%.

