



Office of the Town Manager
Christopher E. Martino

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STAFF REPORT

Council Meeting Date:	April 14, 2026
Agenda Title:	VDOT Smart Scale Round 7 (Shirley Avenue/ Culpeper Street Roundabout)
Requested Action:	VDOT Smart Scale Application
Department / Agency Lead:	Public Works
Staff Lead:	Michael Wharton, Senior Project Manager

EXECUTIVE SUMMARY

On March 30, 2026, Town Staff submitted a Smart Scale application to VDOT for the proposed roundabout at Shirley Avenue and Culpeper Street. The application is currently going through the pre-screening process. This project was listed as a future project in the 2040 Transportation Plan.

Town Staff would like to point out there is a SUP-2026-2 Reddy Development on Shirley Avenue in review. If this SUP is approved could have a major impact in constructing this proposed roundabout.

BACKGROUND

VDOT performed a pipeline study for Shirley Avenue corridor from Frost Avenue to Falmouth Street. The study noted a failing grade for congestion, pedestrian, and vehicular movements at the Culpeper Street intersection. The study proposed a roundabout as a solution. This project would improve traffic flow, add additional pedestrian mobility and reduce conflict points. Currently, the project is estimated at \$12,947,000. If approved, the project will be 100% VDOT funding.

STAFF RECOMMENDATION

Town Staff would recommend Council adopt the attached resolution of support

Service Level/Collaborative Impact

The projects will reduce the future congestion forecast, add sidewalks for pedestrian mobility and improve the safety of the intersection by reducing the number of conflict points.

Policy Direction/Warrenton Plan 2040

The project is listed as a safety project in the 2040 Comprehensive Transportation Plan.

Fiscal Impact

The estimated project cost is \$12,947,000 and will be 100% VDOT funding if approved.

Legal Impact

No legal impact to the Town, since VDOT will handle all the administration of this project.

ATTACHMENTS

1. Resolution of Support
2. VDOT Pipeline Study
3. Concept Plan
4. VDOT Cost Estimate
5. 2040 Transportation Plan