

COUNTY OF ALBEMARLE



DEPARTMENT OF COMMUNITY DEVELOPMENT

Secondary-Six Year Plan Priorities and Recommendations

Albemarle County Board of Supervisors Consent for Approval March 17, 2021

VDOT Secondary Six-Year Plan Background

The Secondary Six-Year Plan (SSYP) allocates funding for the construction, maintenance, and improvement of roads in the state secondary system (roads with a route number of 600 or higher). The funds allocated to Albemarle County through the SSYP include state and federal funds for a variety of road improvement programs. The SSYP for Albemarle County is updated and approved annually and identifies the specific funding source, use, and levels allocated for the immediate fiscal year. The SSYP also identifies planned program funding for the next five (5) fiscal years, however, these allocations are projections only.

There are three major funding sources that can be directed towards projects in a manner that give the Board of Supervisors some latitude to fund its prioritized projects.

- **TeleFee Funds** – Funded through fees utility companies pay for infrastructure within VDOT right-of-way; can be used for a broad range of secondary road construction, maintenance, and improvements.
- **District Grant Unpaved Funds** – must be used for hard surfacing of unpaved state secondary roads with greater than 50 vehicles per day

The draft total annual allocation for FY 22 is set at \$831,586. The majority of these funds must be used for unpaved roads. There are other sources of funds that are available for improvements to the secondary roads which are outlined in the Six-Year Improvement Program (SYIP) and awarded through various grant programs and other funding apportionments.

Following is the draft projected funding allocations for the FY 2022 - 2027 SSYP:

FISCAL YEAR	TELEFEE FUNDS	DISTRICT GRANT UNPAVED	TOTAL FUNDS
2022	\$309,006	\$522,580	\$831,586
2023	\$309,006	\$694,463	\$1,003,469
2024	\$309,006	\$751,383	\$1,060,389
2025	\$309,006	\$751,383	\$1,060,389
2026	\$309,006	\$953,550	\$1,262,556
2027	\$309,006	\$953,550	\$1,262,556
Totals:	\$1,854,036	\$4,626,909	\$6,480,945

VDOT Paving Programs

Rural Rustic Road Program

The Rural Rustic Road (RRR) Program is the preferred method for paving because it offers a flexible, less expensive approach to paving unpaved roads. To qualify as a RRR, several criteria must be met:

1. Board of Supervisors must pass a resolution declaring the road to be a RRR;
2. Board of Supervisors indicates that expected growth and traffic increase along the road in the near future is minimal;
3. The curves along the road should be generally adequate for the traffic and any increase in speeds expected after the improvement;
4. Roadway drainage must currently be sufficient or require only minor improvements;
5. The daily traffic volume must be under 1500 vehicles.

For roads with traffic volumes greater than 400 vehicles per day, 18-foot pavement width is desirable and some typical section improvements may be necessary. The local VDOT manager will determine whether this approach is suitable for a requested unpaved road.

Pave-In-Place Program

The pave-in-place approach might be considered if:

1. The traffic is under 750 vehicles per day;
2. Only minor improvements are needed to accommodate traffic; and
3. Needed improvements can be made within the available, existing right of way. Easements might be necessary for spot improvements.

Under the pave-in-place option, the road is improved to a minimum standard of 18 feet of pavement with 2-foot shoulders.

Traditional Reconstruction with Additional Right of Way

If significant improvements are needed or if significant development is proposed along the road, a more traditional approach is used to reconstruct the unpaved road and improve the alignment. A minimum 40-foot right of way is usually required for these projects with additional right of way or easements acquired based on the proposed improvement.

Albemarle County Paving Priorities

The *Albemarle County Priority List for Secondary Road Improvements, Unpaved Roads* is a listing of all Secondary Roads that have been requested to be paved by the public, county departments, or Board of Supervisors. This list is reviewed annually and approved by the Board for forms the basis of the SSYP for Albemarle County. Based on Board direction regarding the prioritized projects VDOT will draft a revised SSYP each spring. A *Draft Albemarle County Priority List for Secondary Road Improvements, Unpaved Roads* is included as Attachment D.

The *Albemarle County Unpaved Road Policies and Review Process* (Attachment B) outlines the process for the submission, review, prioritization, and construction associated with the paving of unpaved roads in the county. This document was most recently updated in May 2016.

SSYP Project Updates

Attachment C is the most current SSYP (FY21 - FY26) which was approved by the Board on May 20, 2020. The following list identifies some notable projects in the current SSYP:

- **Rio Mills Connector (Rt. 643)**- Provides matching funds out of Telefee allocation combined with Smart Scale funds for fully funded project and construction currently underway with an expected completion in 2022.
- **Coles Rolling Road (Rt. 712) Phase 1** – Phase 1 fully funded paving project in FY 20- Complete Winter 2020.
- **Coles Rolling Road (Rt. 712) Phase 2**- Initial funding in FY 20 and fully funded in FY 21. Proposed for resurfacing Spring 2021.
- **Wesley Chapel Road (Rt. 671)** - Fully funded FY 21 and expected to begin Spring 2021.
- **Reservoir Road (Rt. 702)** - Fully funded FY 21 and expected to begin Spring 2021.
- **Burnt Mill Road (Rt. 784)** - Initial funding FY 21 and fully funded FY 22; expedited to begin Fall 2021.
- **Berkmar Drive Extended project**- FY 20 – 25 SSYP contains TeleFee Funds in the amount of \$2,288,226 currently directed to the Berkmar Drive Extended project. This funding is dedicated to the Revenue Sharing application submitted last fall.
- **Earlsville Road (Rt. 743) and Reas Ford Road (Rt. 660) safety improvements**- The use of Countywide Traffic Services funds (apportioned out of previous Telefee funds) from the SSYP for the installation and maintenance of two permanent, post-mounted, radar feedback devices at the intersection of Earlsville Road and Reas Ford Road. Implemented Summer 2020.

Recommendations

Staff recommendations for the Draft FY 22-27 SSYP include continuing to advance Coles Rolling Road (Rt. 712) Phase 2, Wesley Chapel Road (Rt. 671), and Reservoir Rd (Rt. 702) fully funded from FY 21 and proposed for resurfacing in Spring 2020 as the highest priorities. Staff also recommends fully funding Burnt Mill Rd (Rt. 784), Hammocks Gap Road (Rt. 612) and Harris Creek Road (Rt. 720) and initial funding of Red Hill School Road (Rt. 760) in FY 22. The next recommended paving projects in priority order are: Cove Garden Road (Rt. 633) west Phase 1 and Cove Garden Road (Rt. 633) east Phase 2 based on the factors discussed in Attachment C. Beam Road (Rt. 769) is recommended to be added to the priority list following those. No new paving requests were submitted to be placed on the Priority List for Secondary Road Improvements, Unpaved Roads since the FY 21 SSYP public hearing in May 2020.

ATTACHMENTS

B - Albemarle County Unpaved Road Policies and Review Process

C - Current FY 2021-2026 Secondary Six-Year Plan

D - Draft Albemarle County Priority List for Secondary Road Improvements, Unpaved Roads

E - Draft FY 2022-2027 Secondary Six-Year Plan