

# COUNTY OF ALBEMARLE



## DEPARTMENT OF COMMUNITY DEVELOPMENT

### Secondary-Six Year Plan Priorities and Recommendations

Albemarle County Board of Supervisors Work Session April 1, 2020

#### 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 total annual allocation for FY 21 is set at \$1,128,775. 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 projected funding allocations for the FY 2020 - 2021 SSYP:

FISCAL YEAR	TELEFEE FUNDS	DISTRICT GRANT UNPAVED	TOTAL FUNDS
2020 - 2021	\$355,279	\$773,496	\$1,128,775
2021 - 2022	\$355,279	\$522,579	\$877,858
2022 - 2023	\$355,279	\$694,463	\$1,049,742
2023 - 2024	\$355,279	\$751,383	\$1,106,662
2024 - 2025	\$355,279	\$751,383	\$1,106,662
2025 - 2026	\$355,279	\$751,383	\$1,106,662
Totals:	\$2,131,674	\$4,244,687	\$6,376,361

## **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 and 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 B.

The *Albemarle County Unpaved Road Policies and Review Process* (Attachment C) 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 D** is the most current SSYP (FY20 - FY25) which was approved by the Board on June 19, 2019. 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 is estimated to be constructed in 2022.
- **Keswick Road (Rt.731)** – Paving project fully funded in FY 18 (but remains until completed and closed out)– Complete.
- **Preddey Creek Road (Rt. 747)** – Paving project fully funded in FY 18 (but remains until completed and closed out)– Complete.
- **Dick Woods Road (Rt. 637)** – Paving project- initial funding in FY 18 fully funded in FY 19- Complete.
- **North Garden Lane (Rt. 712)**- paving project- initial funding in FY 19 fully funded in FY 20- Complete.
- **Patterson Mill Lane (Rt. 824)** – Paving project- initial funding in FY 18 fully funded in FY 19- Expected to be complete Spring 2020
- **Coles Rolling Road (Rt. 712) Phase 1** – Phase 1 fully funded paving project in FY 20- Expected to begin Spring 2020.
- **Coles Rolling Road (Rt. 712) Phase 2**- Initial funding in FY 20 and fully funded in FY 21. Proposed for resurfacing 2020/2021.
- **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. Scheduled for implementation by late Spring or early Summer 2020.

## Recommendations

Staff recommends the Draft FY 21-26 SSYP continue to advance Patterson Mill Lane (Rt. 824) and Coles Rolling Road (Rt. 712) Phase 1, both proposed for resurfacing in Spring 2020 and continue to advance Coles Rolling Road (Rt. 712) Phase 2 proposed for resurfacing in FY 21 as the highest priorities. Staff also recommends funding of Wesley Chapel Road and Reservoir Rd in FY 21 and initial funding of Burnt Mill Rd (Rt. 784) in FY 21. The next recommended paving projects in priority order are: fully fund Burnt Mill Rd (Rt. 784), Hammocks Gap Road (Rt.612), Harris Creek Road (Rt. 720), and Red Hill School Road (Rt. 760) based on the factors discussed in Attachment C. Cove Garden Road (Rt. 633) is recommended to be added to the priority list following those. Staff recommends supporting the paving requests that were submitted this year (Castle Rock Road (Rt. 691) and Rockfish River Road (Rt. 617) to be placed on the regular paving priority list resulting from VDOT's assessment that it is not eligible for Rural Rustic paving. Staff also recommends the support of the use of Countywide Traffic Services funds in the amount of \$38,864 for two permanent radar signs at the intersection of Earlsville Road (Rt.

743) and Reas Ford Road (Rt. 660).

**ATTACHMENTS**

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

C - Unpaved Road Policies and Review Process

D - Current FY 2020-2025 Secondary Six-Year Plan

E – Draft FY 2021-2026 Secondary Six-Year Plan