

SMART SCALE BUDGET INCREASE REQUEST – RICHMOND DISTRICT

INTERSECTION IMPROVEMENTS FOR US 58 AND ROBINSON FERRY ROAD (UPC 119687)

Commonwealth Transportation Board

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April 2024

SMART SCALE Policy

SMART SCALE Policy on Scope Changes and/or Budget Increases, December 2023

- Significant changes to the scope or cost of a SMART SCALE project require a re-evaluation
- Board action is required to approve a SMART SCALE budget increase:
 - » i. Total Cost Estimate <\$5 million: 20% increase in funding requested
 - » ii. Total Cost Estimate \$5 million to \$10 million: \$1 million or greater increase in funding requested
 - » iii. Total Cost Estimate > \$10 million: 10% increase in funding requested; \$5 million maximum increase in funding requested

Project Information

Intersection Improvements for US 58 and Robinson Ferry Road (UPC 119687)

- Submitted by Brunswick County in Round 4 of SMART SCALE
 - Total Original Project Cost: \$4,260,602
 - Total SMART SCALE Budget: \$ 4,260,602
 - Request funded with DGP funds
- Original Scope Included:
 - Converting existing median opening at intersection to an R-CUT
 - Extend and construct turn lanes
- Project is VDOT administered and is in the process of closing scoping in preparation for upcoming public involvement activities
- Project benefits were all from safety

Project Snapshot

	Original Application
Total \$	\$4,260,602
SMART SCALE \$	\$4,260,602 (DGP)
Score	5.21
Funding Scenario	13/19
Expenditures	\$322,999
Current Project Estimate	\$5,920,953

Factors Contributing to the Shortfall

- Design refinements necessary to ensure functionality of all movements increased right of way impacts and unit quantities associated with pavement
- Updated unit costs and inflation
- A 5% (\$227,356) increase due to inflation was approved as part of the FY2024-2029 SYIP update in May 2023
- Due to the nature of the safety improvements, limited scope reduction opportunities exist
- Design has been refined to mitigate right of way impacts and minimize full depth asphalt widening
- Current project estimate is \$5,920,953, leaving a shortfall of \$1,432,995

Proposed Project Budget Increase

	Original Application	May 2023 Budget Increase	Proposed Budget Increase
Total \$	\$4,260,602	\$4,487,958	\$5,920,953 (total shortfall \$1,432,995)
Project Budget	\$4,260,602 DGP	\$4,487,958 DGP (increase of \$227,356)	\$5,920,953 DGP (cumulative increase of \$1,660,351)
Score	5.21	4.94	3.75
Funding Scenario	13/19	15/19	17/19
Expenditures as of 3/28/2024	\$322,999		

Recommendation for Action

- **Approve SMART SCALE budget increase request in May**
 - Fund shortfall from surplus Richmond District Construction District Grant Program balances

DGP Deallocated Funds	Amount
Available currently	\$21,588,589
Less proposed budget increase for UPC 119687	-\$1,432,995
Total Remaining	\$20,155,594

