

# SMART SCALE BUDGET INCREASE REQUEST

## NIKE PARK ROAD EXTENSION FROM REYNOLDS DRIVE TO US ROUTE 17 HAMPTON ROADS DISTRICT

Commonwealth Transportation Board

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# SMART SCALE Policy

## SMART SCALE Policy on Scope Changes and/or Budget Increases, December 2021

- 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

## Nike Park Road Extension from Reynolds Drive to US Route 17 (UPC 109314)

Submitted by Isle of Wight County in Round 1 of SMART SCALE

- Total original project cost: \$11,658,000
- Total SMART SCALE request: \$11,658,000
- Request funded with DGP funds
- Original scope included:
  - Construct a new two-lane roadway and multi-use path
  - Construct new intersection at Route 17
- Project is VDOT administered
  - Current estimate: \$16,302,392 representing a \$4,643,391 shortfall
  - Advertisement scheduled for September 2024
  - Current expenditures: \$1,148,741 (2/24/2022)

# Project Location



# Funding Shortfall

Major Factors Contributing to Funding Shortfall	Approximate Cost
<ul style="list-style-type: none"> <li>Additional preliminary engineering requirements                             <ul style="list-style-type: none"> <li>Completion of required Location Study drove alignment and resulted in significantly different impacts</li> </ul> </li> </ul>	\$0.3 M
<ul style="list-style-type: none"> <li>Higher than anticipated right-of-way and utility impacts</li> </ul>	\$5.8 M
<ul style="list-style-type: none"> <li>Unit prices (from 2015 application) not in line with current trends</li> </ul>	\$3.0 M
<b>Sub-total Added Costs</b>	<b>\$9.1 M</b>
Efforts Taken to Reduce Cost	Approximate Savings
<ul style="list-style-type: none"> <li>Reduced typical section from 4 to 2 lanes and reduced shared use path width</li> </ul>	-\$2.9 M
<ul style="list-style-type: none"> <li>Reduced footprint at two new intersections</li> </ul>	-\$1.0 M
<ul style="list-style-type: none"> <li>Isle of Wight will acquire a portion of the right-of way</li> </ul>	-\$0.6 M
<b>Sub-total Savings</b>	<b>-\$4.5 M</b>
<b>Remaining Shortfall</b>	<b>\$4.6 M</b>

# Project Budget Increase

## Current Estimated cost \$16.3M

- Total shortfall of \$4.6M
- Isle of Wight committed \$2.2M in local funding in November 2021
- FHWA approved addition of \$0.4M in repurposed earmarks
- Sufficient unallocated Hampton DGP funds are available to cover the remaining shortfall of \$2.0M

	Original Application	Current
Total \$	\$11.7M	\$16.3M
Other Funding	\$0	\$2.2M Isle of Wight \$0.4M Repurposed Earmark
SMART SCALE \$	\$11.7M (DGP)	\$14.1M (increase of \$2.0M)
Score	1.3	1.1 (based on original benefits)
Funding Scenario	17/21	17/21 (project would still have been funded)
Expenditures as of 2/24/22		\$1.1M

# Recommendation for Action in April 2022

## Approve budget increase request

- Fund increase from unallocated Construction District Grant balances

Hampton Roads Construction District Grant Funds	Amount Available
Total Available	\$2,156,472
Transfer for Budget Increase	\$2,058,225
Balance Remaining	\$98,247

