

SMART SCALE BUDGET INCREASE REQUEST

I 81 EXIT 300 SOUTHBOUND ACCELERATION LANE UPC 111054 STAUNTON DISTRICT

Commonwealth Transportation Board

Kimberly Pryor – Director, Infrastructure Investment Division

May 17, 2022

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 reevaluation
- 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

I-81 Exit 300 Southbound Acceleration Lane Extension (UPC 111054)

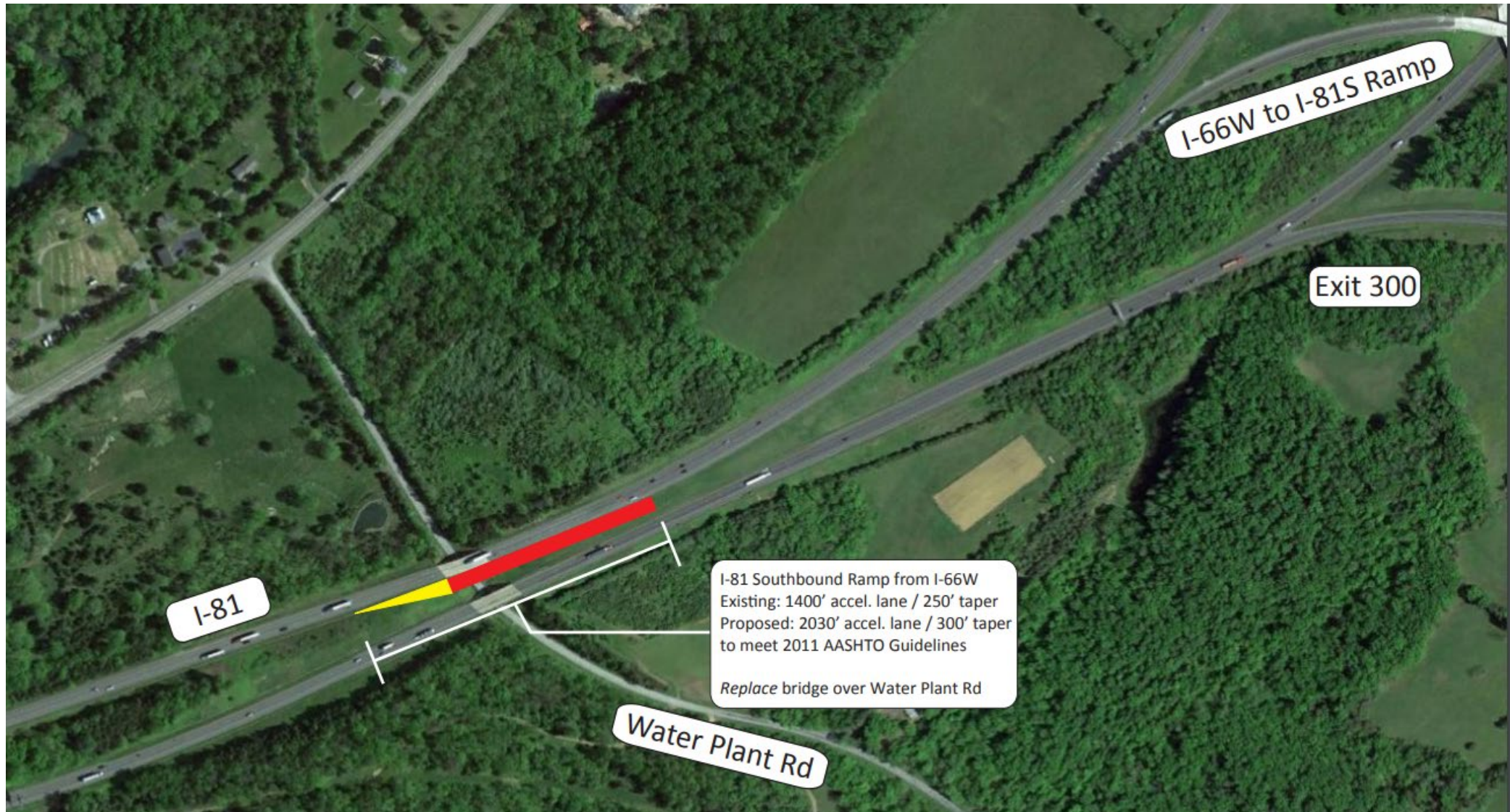
- Submitted by Northern Shenandoah Valley Regional Commission in Round 2 of SMART SCALE
 - Total Original Project Cost: \$3,437,422
 - Total SMART SCALE Request: \$3,437,422
 - Request funded with HPP funds
- Original Scope Included:
 - Extend acceleration lane onto I-81 southbound from westbound I-66
 - Widen the existing southbound bridge over Water Plant Road to accommodate the extended lane
- Project is VDOT administered and has been advertised

Project Information

CTB approved a SMART SCALE scope revision and budget increase in June 2020

- Approved revised scope to include bridge replacement in lieu of bridge widening to accommodate the acceleration lane due to the presence of two conditions
 - Presence of a reactive aggregate that causes rapid expansion of concrete in the presence of moisture and compromises any bridge component where it is present
 - Cost to rehabilitate the structure exceeded 65% of the replacement cost
- Approved budget increase to support revised design cost of \$8.5M
 - Increased budget by \$5.1M using deallocated HPP

Project Location



Project Budget Increase

- **VDOT received bids and has determined that price proposals are responsive and represent good competition**
 - Estimated budget increase required for award is \$0.8M, represents an increase of 8.8% over the current budget
 - Shortfall is due to increased unit price cost for asphalt and stone
 - Sufficient deallocated HPP funds are available to cover the increase

	Original Application	Previously Revised	Current
Total \$	\$3.4M	\$8.5M	\$9.3M
SMART SCALE \$	\$3.4 (HPP)	\$8.5M (increase of \$5.1M)	\$9.3 (increase of \$0.8M)
Score	11.1	4.5	4.1
Funding Scenario	9/19	16/19	16/19
Expenditures as of 5/2/22			\$917,274

Recommendation for Action

- **Approve Budget Increase Request**
 - Fund increase from surplus HPP balances
 - Award contract

HPP Deallocated Funds	Amount
Available	\$26,900,084
Less Proposed Budget Increase for UPC 111054	\$750,741
Total Remaining	\$26,149,343

