

Transportation Funding Opportunities SMART SCALE, INFRA, and BUILD



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State Program



SMART SCALE Programs

- ***High Priority Projects Program (HPPP)***
 - ***Projects compete statewide***
- ***District Grants Program (DGP)***
 - ***Only localities may apply***
 - ***Projects compete within each District***

SMART SCALE Funding

- ***Current statewide estimates for Round 4***
 - ***\$400 million for High Priority Projects Program***
 - ***\$400 million for District Grants Program***
 - ***Approximately \$80 million for Hampton Roads District***




SMART SCALE Evaluation Factors & Measures

Factor Areas	Measure ID	Measures
Safety	S.1	<i>Equivalent property damage only (EPDO) of Fatal and Injury Crashes</i>
	S.2	<i>EPDO Rate of Fatal and Injury Crashes</i>
Congestion Mitigation	C.1	<i>Person Throughput</i>
	C.2	<i>Person Hours of Delay</i>
Accessibility	A.1	<i>Access to Jobs</i>
	A.2	<i>Access to Jobs for Disadvantaged Persons</i>
	A.3	<i>Access to Multimodal Choices</i>
Environmental Quality	E.1	<i>Air Quality and Environmental Effect</i>
	E.2	<i>Impact to Natural and Cultural Resources</i>
Economic Development	ED.1	<i>Project Support for Economic Development</i>
	ED.2	<i>Intermodal Access and Efficiency</i>
	ED.3	<i>Travel Time Reliability</i>
Land Use	L.1	<i>Transportation-Efficient Land Use</i>
	L.2	<i>Increase in Transportation Efficient Land Use</i>


SMART SCALE Factor Weighting

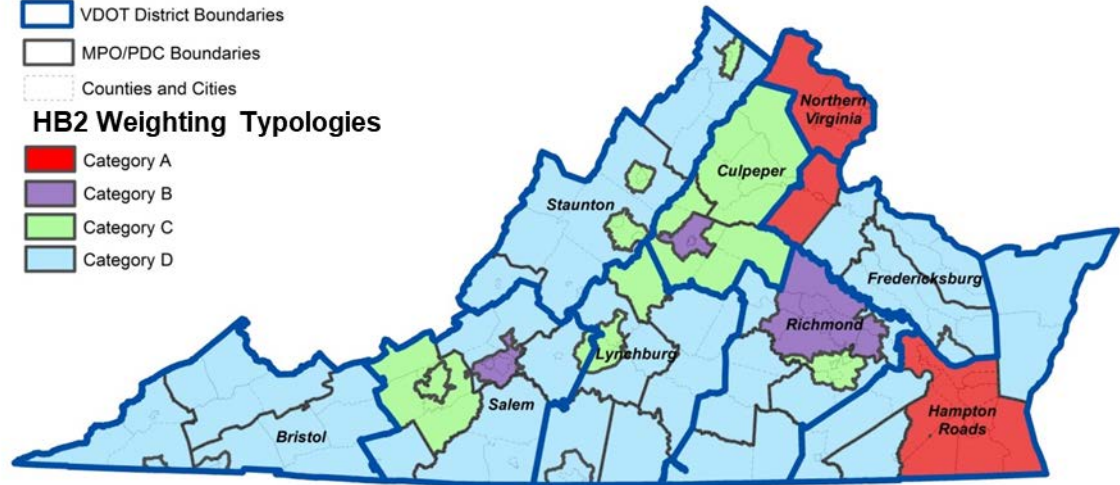
**HRTPO is in the
Category A
Weighting Framework***

Legend

-  VDOT District Boundaries
-  MPO/PDC Boundaries
-  Counties and Cities

HB2 Weighting Typologies

-  Category A
-  Category B
-  Category C
-  Category D



Factor	Congestion Mitigation	Economic Development	Accessibility	Safety	Environmental Quality	Land Use
Category A	45%	5%	15%	5%	10%	20%
Category B	15%	20%	25%	20%	10%	10%
Category C	15%	25%	25%	25%	10%	NA
Category D	10%	35%	15%	30%	10%	NA

* The portions of Southampton County and the City of Franklin within the HRTPO boundary shall use the weighting associated with the Hampton Roads PDC. The portion of Gloucester County within the HRTPO boundary shall use the weighting associated with the Middle Peninsula PDC.

SMART SCALE: HRTPO Successes

SMART SCALE

Group	Project	Estimated YOE* Cost	Estimated Opening Year
I	I-64 Peninsula Widening		
	Segment 1	\$112 Million	2017
	Segment 2	\$176 Million	2019
	Segment 3	\$244 Million	2021
	I-64/I-264 (including Witchduck Rd Interchange)		
	Phase 1	\$157 Million	2019
	Phase 2	\$195 Million	2021
	Phase 3 Study	\$10 Million	2018
II	I-64 Southside Widening (including High Rise Bridge)		
	Phase 1	\$527 Million	2021
III	Hampton Roads Crossing		
	Regional Connectors Study	\$7 Million	2022
	I-64/Hampton Roads Bridge-Tunnel Widening	\$3.8 Billion	2025
IV	I-64 Southside Widening (including High-Rise Bridge)		
	Phase 2	\$1.7 Billion	2037
	Bowers Hill Interchange	\$659 Million	2037
V	I-64 Peninsula Widening		
	I-64/Fort Eustis Blvd Interchange	\$320 Million	2038
	US 460/58/13 Connector (including Regional Landfill and Hampton Roads Executive Airport Interchanges)		
	US 460/58/13 Connector	\$396 Million	2038

\$145 Million in Round 1

\$50 Million in Round 2

\$1.4 Billion Total Cost

- 5 Subprojects
- Range: \$80M - \$415M


2020?

\$100 Million in Round 2

\$200 Million in Round 3

Federal Programs

INFRA



BUILD Grants
Better Utilizing Investments to Leverage Development Transportation Discretionary Grants Program

INFRA Grants Program (USDOT)

Infrastructure For Rebuilding America

- ***Projects compete nationwide***
- ***Highway & Freight projects of National or Regional significance***
- ***Total available nationwide: \$906 million***
 - ***At least 25% to rural projects***
- ***Deadline to apply: February 25, 2020***

INFRA Grants Program (USDOT)

- ***Criteria:***
 - ***Support for National or Regional Economic Vitality***
 - ***Leveraging of Federal Funding***
 - ***Potential for Innovation***
 - ***Performance and Accountability***
- ***Large projects: Cost > \$100 million***
 - ***2019 Average Award: ≈ \$80 million***
- ***Small projects: Cost > \$5 million***
 - ***2019 Average Award: ≈ \$8.5 million***

INFRA Grants Program (USDOT)

- *Past HRTPO INFRA applications:*
 - *11/2017 (w/VDOT) for I-64/HRBT and Express Lanes Network*
 - *INFRA Request: \$203,700,000*
 - *3/2019 for I-64/HRBT*
 - *INFRA Request: \$150,000,000*
- *Unsuccessful*

BUILD Grants Program (USDOT)

Better Utilizing Investments to Leverage Development

- ***Projects compete nationwide***
- ***Surface transportation infrastructure projects with significant Local or Regional impact***
- ***2019 Total available nationwide: \$900 million***
 - ***50/50 Urban versus Rural***
- ***Deadline to apply: Not announced for 2020***
- ***Maximum Award: \$25 million***

BUILD Grants Program (USDOT)

- ***Primary Criteria:***
 - ***Safety***
 - ***State of Good Repair***
 - ***Economic Competitiveness***
 - ***Environmental Sustainability***
 - ***Quality of Life***
- ***Secondary Criteria:***
 - ***Innovation***
 - ***Partnership***

BUILD Grants Program (USDOT)

- ***Past HRTPO BUILD applications:***
 - ***7/2018 for I-64/HRBT***
 - ***BUILD Request: \$25 Million***
 - ***7/2019 for I-64/HRBT***
 - ***BUILD Request: \$25 Million***
- ***Unsuccessful***

Potential SMART SCALE, INFRA, & BUILD Projects

- **SMART SCALE:**
 - *I-64/I-264 Interchange Phase 3*
 - *1 or more Subprojects: Range \$80 Million to \$415 Million*
 - *Others?*
- **INFRA:**
 - *I-64 Peninsula “Segment 4” (9 miles in HRTPO Area)*
 - *≈ \$100 Million*
- **BUILD:**
 - *US 460/58/13 – Flyover to SPSA Facility*
 - *≈ \$40 Million*
 - *Others?*

Locality BUILD Grants Proposals

- **Newport News:**
 - ***I-64/Denbigh Boulevard Interchange***
 - ***Cost Estimate: \$72.3 Million***
 - ***Project to be completed in phases***
 - ***Phase 1 will install a Diamond-type westbound off-ramp, ROW acquisition and utility relocation for entire interchange, modifications to Denbigh Blvd bridge***
- **Norfolk:**
 - ***St. Paul's Roadway Infrastructure Phase 2***
 - ***Cost Estimate: \$20 - \$25 Million***
 - ***Road network to support \$300+ Million in redevelopment***
 - ***Will include pedestrian accommodations, stormwater improvements, traffic signalization, landscaping, street lighting***

Next Steps

- *Provide HRTPO staff with information on any additional projects localities and agencies intend to submit for the next BUILD grant opportunity by Friday, 2/7/2020.*
- *The list of expected BUILD grant applications will be included in the February HRTPO Board agenda.*
- *INFRA application deadline: February 25, 2020.*
- *SMART SCALE Pre-Application deadline: April 3, 2020*