

# SMART SCALE PROGRAM UPDATES SUMMARY

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# CTB Retreat Overview

- **Retreat Objectives**
- **Process Overview**
- **Summary of Briefings to Date**
- **Analysis and Recommendations to Date**

# Application Quality

## Potential Changes Under Review..

### Application Limits

- Reducing the application caps for all entities
- Additional tiers for applicants

### Readiness

- Addressing readiness & SMART Portal Streamline
- Establishing a more proactive approach

### Performance

- Tying consensus funding decisions to performance in delivering projects

# Changes to HPP

## Potential Changes Under Review..

- **Project Type Eligibility**
  - **Refine the HPP definition through CTB Policy**
  - **Better define "what" projects of regional or statewide significance are**
- **Allocation Scenario Steps Eliminate Step 2 and prioritize all HPP statewide by SMART SCALE Score**

# Changes to HPP

## Potential Changes Under Review..

- **Project Type Eligibility**



- Refine the HPP definition, which is largely implemented through CTB Policy.
- Current CTB Policy defines the *where* through VTrans, but not the *what*.

- **Code of Virginia § 33.2-370**

- *“High-priority projects” means those **projects of regional or statewide significance**, such as projects that reduce congestion or increase safety, accessibility, environmental quality, or economic development”*

- **Policy defines *where* - Corridors of Statewide Significance and Regional Networks**

- **Define *what***

- Consider projects that **include** feature types - New Capacity Highway, Managed Lanes, New or Improved Interchanges, New or Improved Passenger Rail Stations or Service, Freight Rail improvements, Fixed Guideway Transit

# Scoring - Congestion

## Potential Changes Under Review..

- **Calculate congestion benefits for 10 years in the future**
  - **Solution considers major economic development activity in the analysis**
  - **Solution has positive downstream calculation impacts on Accessibility, Economic Development, and Environment measures**
  - **Will have more impact if weighting adjustments are made**

# Scoring – Economic Development

## Potential Changes Under Review..

- Engaged VEDP to develop a more forward-looking methodology, which will be brought in September

# Scoring – Land Use Factor

## Potential Changes Under Review..

- **Modify the factor weighting for the Land Use factor**
  - **Continue to use Land Use factor to encourage land-use and transportation coordination**
  - **No change to the way Land Use is calculated today**
  - **Modify how Land Use weighting is applied**
- **Adjustments to other factor areas**



# Scoring – Land Use Factor

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land use	
Measure	C.1	C.2	S.1	S.2	A.1	A.2	A.3	ED.1	ED.2	ED.3	E.1	E.2	L.1	L.2
	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Impact to Natural and Cultural Resources	Transportation-Efficient Land Development	Increase in Transportation-Efficient Land Development
Measure Value	28.7	0.8	57.1	166.4	2.8	3	143.7	0	0	33,715,400.00	4.1	0	24.2	33.2
	persons	person hrs.	EPDO	EPDO / 100M VMT	jobs per resident	jobs per resident	adjusted users	adj sq. ft.	daily tons	adj. buffer time index	adjusted points	impacted acres	access * pop/emp density.h	access * pop/emp density change
Normalized Measure Value (0-100)	1.2	0.1	10.4	0.1	0.5	0.7	11.6	0	0	1.2	4.1	0	35	48.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		7.3		2.8			0.2			4.1	*	41.6	
Factor Weight (% of Project Score)	10%		30% 40%		10%			30%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		2.2 2.9		0.3			0.1			0.4	0.0	4.2	
Project Benefit	$7.2 - (0.1 + 2.9 + 0.3 + 0.1 + 0.4) * 1.42 = 5.4$													
SMART SCALE Cost	\$22,239,400													
SMART SCALE Score (Project Benefit per \$10m SMART SCALE Cost)	$3.2 = 2.4$													

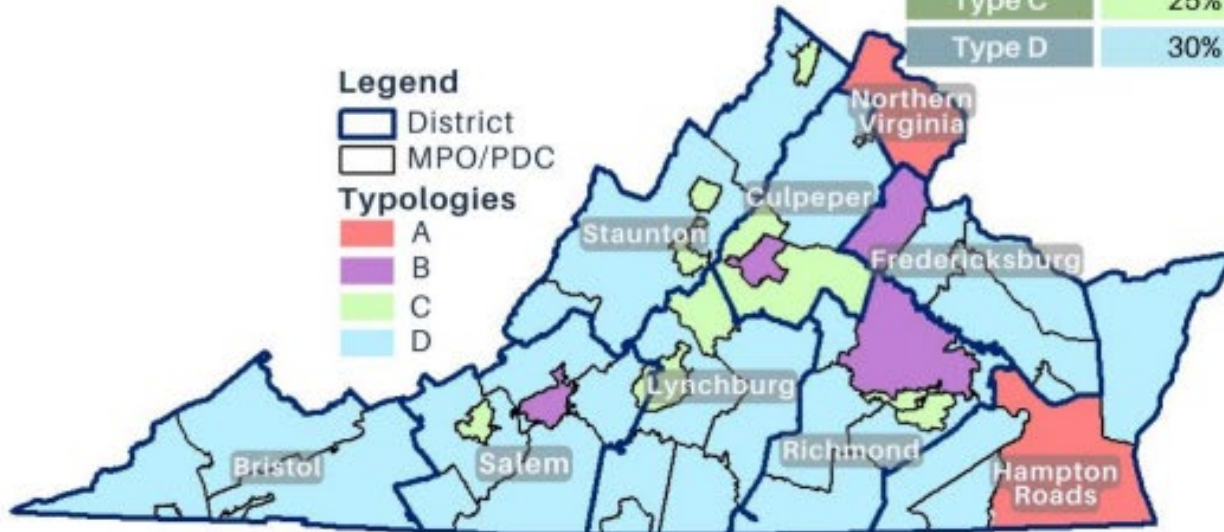
Multiplier Calc  
 $(1 + [41.6/100])$   
 =  
**1.42**

PORTATION

# Scoring – Land Use Factor, Area Type

Weighting, Typology, at the District and MPO / PDC level

Factor	Safety	Congestion	Accessibility	Land Use	Economic Development	Environment
Type A	5%	45%	15%	20%	5%	10%
Type B	20%	15%	20%	15%	20%	10%
Type C	25%	15%	15%	10%	25%	10%
Type D	30%	10%	10%	10%	30%	10%



# Scoring – Land Use Factor, Area Type

Current Weighting						
Factor	Safety	Congestion	Accessibility	Land Use	Economic Development	Environment
Type A	5%	45%	15%	20%	5%	10%
Type B	20%	15%	20%	15%	20%	10%
Type C	25%	15%	15%	10%	25%	10%
Type D	30%	10%	10%	10%	30%	10%

Staff Recommended Weighting						
Factor	Safety	Congestion	Accessibility	Land Use	Economic Development	Environment
Type A	<b>20% (+15%)</b>	<b>50% (+5%)</b>	15%	Up to 100% Added	5%	10%
Type B	<b>25% (+5%)</b>	<b>25% (+10%)</b>	20%		20%	10%
Type C	<b>30% (+5%)</b>	<b>20% (+5%)</b>	15%		25%	10%
Type D	<b>40% (+10%)</b>	<b>10% (+0%)</b>	10%		30%	10%

# Schedule and Next Steps

<b>JUNE</b>	Process Biases (Part 1), One Factor Majority, Funding Steps	<b>SEPT</b>	Retreat Summary, Disconnect Between Need and Benefit, Flexibility in Project Change Process, Project Performance
<b>JULY</b>	Process Biases (Part 2), Low Scoring Projects, Emphasis on Safety Priority, Forward-Looking Process	<b>OCT</b>	Final Recommendations
<b>JULY Retreat</b>	Summarize findings to date and gather feedback, Identify any additional focus areas of analysis, Discuss preliminary recommendations	<b>NOV</b>	TBD
<b>AUG</b>	No Meeting	<b>DEC</b>	Policy Adoption