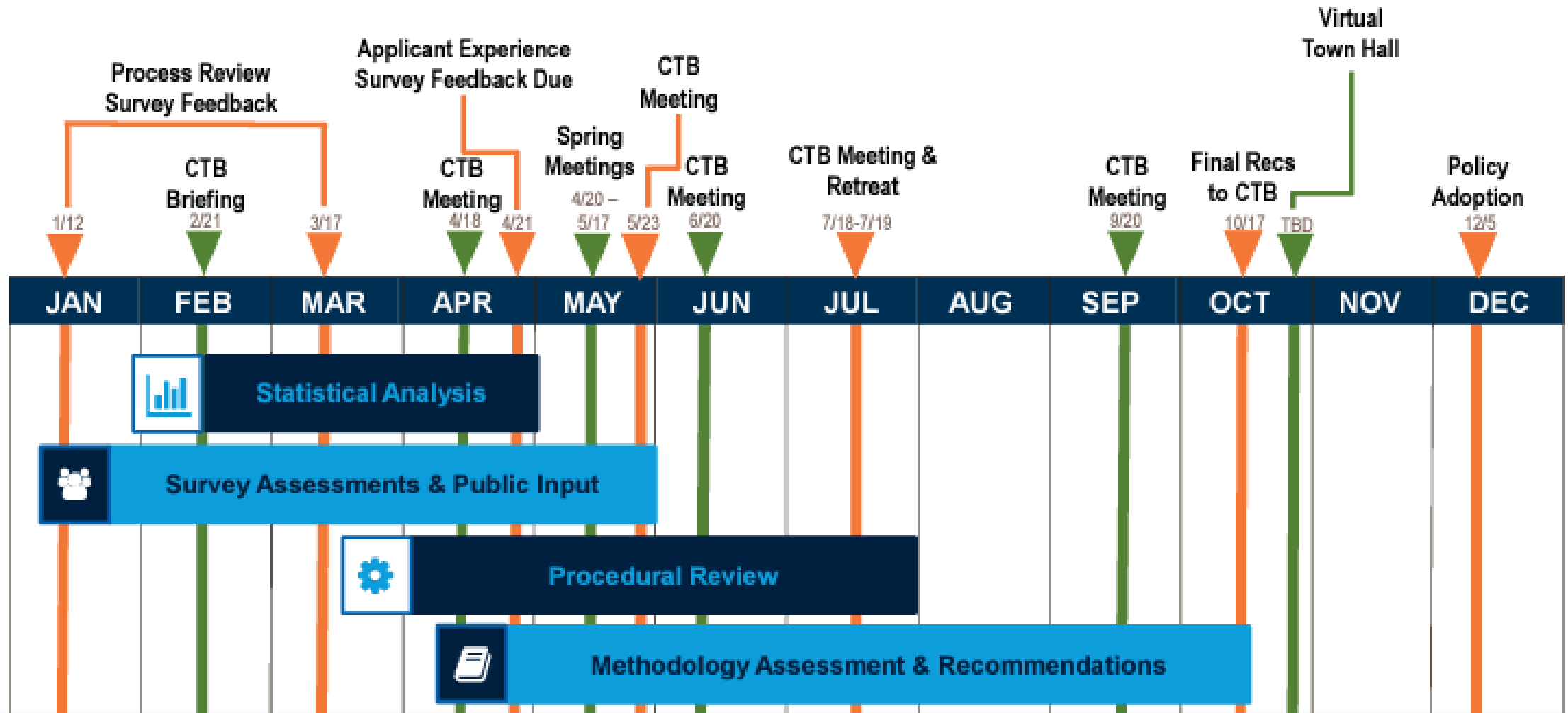


# SMART SCALE PROGRAM UPDATES SUMMARY

| Sarah Rhodes

# Schedule



# OIPI Process

- Survey
- Problem Statements
- Analysis
- Recommendations
- CTB suggestions

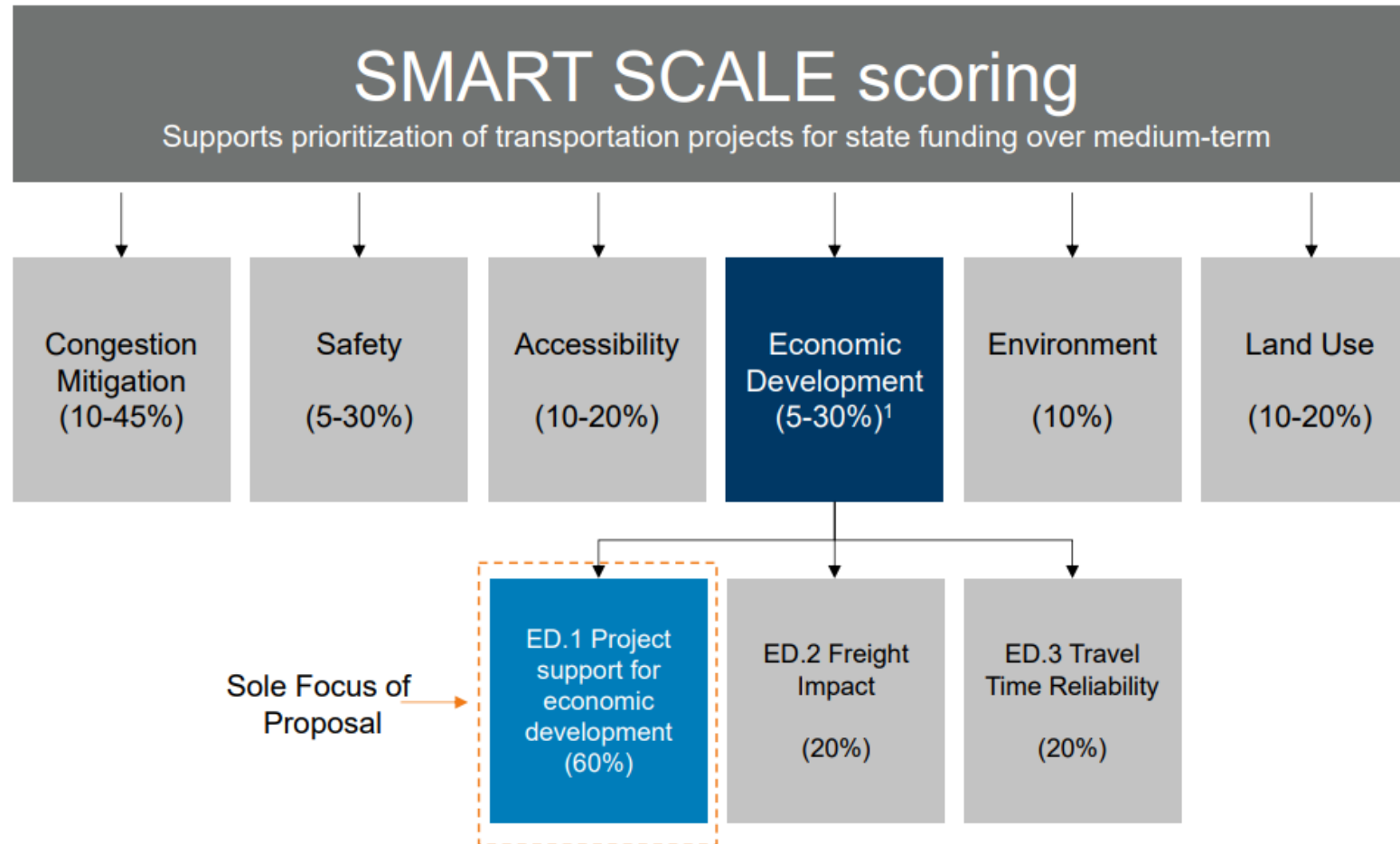
# Recommendations Recap

- Reduction in Application Cap Limits
- Developing a More Proactive Project Readiness Approach
- Relating Project Performance to the Development of the Consensus Scenario
- Revise the Definition of HPP Project Type Eligibility
- Remove the “Step 2” from the Allocation Scenario Process

# Recommendations Recap

- Congestion – Revise the congestion factor calculate congestion benefits for 10 years in the future.
- **Economic Development – Revise the economic development factor based on a review from Virginia Economic Development Partnership.**
- Land Use and Transportation - Revise the land use and transportation factor to be a scalable factor.

# Economic Development Revisions



# Economic Development Revisions

## VirginiaScan Site

- Statewide real estate database
- <https://sites.vedp.org/virginia>

## Tiered Buffer

- High impact projects pull in sites within three miles for analysis
- Low impact projects pull in sites within a half mile for analysis

# Economic Development Revisions

Score calculation step (weight)	Process
Determine which sites are eligible	<ul style="list-style-type: none"> <li>▪ Determine buffer based on Transportation project Tier</li> <li>▪ Pull in VirginiaScan sites based on coordinates and buffer</li> </ul>
Calculate estimated jobs and capital investment factors (Jobs: 40%, Capital Investment 25%)	<ul style="list-style-type: none"> <li>▪ Input site characteristics (coordinates, acreage) into historical projects model</li> <li>▪ Normalize estimated job creation and capital investment relative to all projects in the funding round</li> <li>▪ Apply weights of job creation and capital investment factors</li> </ul>
Calculate site funding factor (15%)	<ul style="list-style-type: none"> <li>▪ Determine whether site has received funding from GO Virginia, Tobacco Commission, or Virginia Business Ready Sites Program (VBRSP)</li> <li>▪ Sites which have received funding receive the full weight of the funding factor</li> </ul>
Calculate site visit factor (10%)	<ul style="list-style-type: none"> <li>▪ Determine number of company and/or site selector site visits occurred on eligible sites for each project in the last three years</li> <li>▪ Normalize site visits relative to all projects in the funding round</li> <li>▪ Apply weight of site visit factor</li> </ul>
Calculate site readiness factor (10%)	<ul style="list-style-type: none"> <li>▪ Determine the eligible site with the highest VBRSP Tier               <ul style="list-style-type: none"> <li>▪ Sites that are VBRSP Tier 4 or 5 receive maximum pts.</li> <li>▪ Sites that are VBRSP Tier 3 receive 3/5 of maximum pts.</li> <li>▪ Sites that are VBRSP Tier 2 receive 2/5 of maximum pts.</li> <li>▪ Sites that are VBRSP Tier 1 receive 1/5 of maximum pts.</li> <li>▪ Other sites receive 0 pts.</li> </ul> </li> </ul>
Sum the scores to receive ED.1 Measure Value (100%)	<ul style="list-style-type: none"> <li>▪ Add the scores from preceding steps</li> </ul>



# Next Steps

- October 17 - CTB Workshop Meeting
- Late October - Virtual Town Hall
- December 2023 - Final CTB Action
- January 2024 - VTrans Needs Complete

**SMART SCALE Process Review  
Richmond Scenario Analysis**

Application Information											Official Round 5 Staff Scenario Results		Scenario A: Refine HPP Definition		Scenario B: Eliminate Step 2		Scenario C: Future Congestion			Scenario D: Land Use as a Multiplier			Scenario E: Staff Recommended		
App Id	Area Type	District	Organization	Title	Principal Improvement	Secondary Improvement	DGP	HPP	Total Cost (millions)	Total Request (millions)	Funded	Program	Funding Result	Program	Funding Result	Program	Funding Result	Program	Change in Rank	Funding Result	Program	Change in Rank	Funding Result	Program	Change in Rank
9162	B	RICH	Richmond Regional TPO	Route 360 at Brad McNeer - Continuous Green-T	Highway	BikePed		x	\$12.4	\$12.4			Stays Out		Added	HPP	Added	HPP	5	Added	HPP	34	Stays Out		34
9240	B	RICH	Richmond Regional TPO	W Broad Street Intersection Improvements at Parham Road	Highway	BikePed & Transit		x	\$13.8	\$11.2			Stays Out		Added	HPP	Stays Out		-4	Added	HPP	27	Stays Out		19
9416	B	RICH	PlanRVA Richmond Regional PDC	Route 360/I-64 Interchange Reconfiguration	Highway	BikePed		x	\$15.5	\$15.5			Stays Out		Added	HPP	Stays Out		-5	Added	HPP	34	Stays Out		26
9360	D	RICH	Mecklenburg County	US 58 at Cherry Hill Church Rd Directional Median	Highway	None	x	x	\$6.7	\$6.7			Stays Out		Stays Out		Stays Out		-8	Added	DGP	85	Stays Out		77
9458	B	RICH	Henrico County	S. Laburnum Ave - Gay Ave Thru Cut	Highway	BikePed	x	x	\$5.2	\$5.2	X	DGP	Stays In	DGP	Stays In	DGP	Stays In	DGP	-6	Stays In	DGP	9	Dropped		-6
9394	B	RICH	Ashland Town	Green Chimney	Highway	BikePed	x		\$11.8	\$11.8	X	DGP	Stays In	DGP	Stays In	DGP	Dropped		-7	Dropped		-215	Dropped		-227
9313	B	RICH	Ashland Town	Hill Carter Parkway Extension	Highway	BikePed	x		\$22.5	\$22.5	X	DGP	Stays In	DGP	Stays In	DGP	Dropped		-1	Dropped		26	Dropped		26
9042	B	RICH	Henrico County	Springfield Road Improvements	Highway	BikePed	x	x	\$15.9	\$15.0			Stays Out		Added	HPP	Added	DGP	112	Added	DGP	67	Added	DGP	126
9141	B	RICH	Henrico County	E. Parham Road Improvements - I-95 to Cleveland St	Highway	BikePed	x	x	\$14.5	\$14.5			Stays In		Stays In	HPP	Stays In		-6	Dropped		30	Dropped	HPP	20
9413	B	RICH	Chesterfield County	RT 360 at Spring Run Rd/Temie Lee Pkwy - RCUT	Highway	BikePed	x	x	\$26.6	\$26.6			Stays Out		Stays Out		Added	DGP	43	Added	DGP	62	Added	DGP	97
8929	B	RICH	Richmond City	B US360 Hull Street Phase II	Highway	BikePed & Transit	x	x	\$21.1	\$13.8			Stays Out		Stays Out		Stays Out		-7	Stays Out		38	Added	HPP	29
8927	B	RICH	Richmond Regional TPO	SB 288 HSR Lane - West Creek Parkway to Route 711	Highway	None		x	\$57.9	\$53.5			Stays Out		Stays Out		Stays Out		-58	Added	HPP	83	Added	HPP	17
9287	B	RICH	Chesterfield County	Huguenot Rd at Robious & Cranbeck Capacity & Safety Improvmt	Highway	BikePed	x	x	\$21.2	\$21.2			Stays Out		Stays Out		Stays Out		-7	Stays Out		52	Added	HPP	43
9014	B	RICH	Chesterfield County	Route 360 (Woodlake - Otterdale) Widening	Highway	BikePed	x	x	\$39.7	\$19.7			Stays Out		Stays Out		Stays Out		-4	Stays Out		53	Added	HPP	42
9135	B	RICH	Goochland County	I-64 at Ashland Rd. (Rte. 623) Interchange	Highway	None	x	x	\$75.9	\$42.2			Stays Out		Stays Out		Stays Out		137	Stays Out		51	Added	DGP	217
9270	B	RICH	Richmond Regional TPO	I-95/Route 10 Interchange Improvement, Phase II	Highway	None		x	\$48.8	\$31.7			Stays Out		Stays Out		Stays Out		191	Stays Out		34	Added	HPP	233
9009	B	RICH	Richmond Regional TPO	A Broad Street Streetscape w/ Pulse BRT Expansion Phase III	Bus Transit	None		x	\$23.9	\$15.1	X	HPP	Dropped		Stays In	HPP	Stays In	HPP	-25	Stays In	HPP	12	Dropped		-11
9422	B	RICH	PlanRVA Richmond Regional PDC	Parham Rd Ped Improvements Holly Hill Rd to Three Chopt Rd	BikePed	Highway		x	\$12.3	\$12.3			Stays Out		Added	HPP	Stays Out		-3	Stays Out		21	Stays Out		11
9108	B	RICH	GRTC	Route 60 (Ruthers Rd - Providence Rd) Pedestrian Improvemnts	BikePed	Transit		x	\$11.0	\$11.0			Stays Out		Added	HPP	Stays Out		-6	Stays Out		35	Stays Out		26

**SMART SCALE Process Review  
Richmond Scenario Analysis**

Application Information										Official Round 5 Staff Scenario Results		Scenario A: Refine HPP Definition		Scenario B: Eliminate Step 2		Scenario C: Future Congestion			Scenario D: Land Use as a Multiplier			Scenario E: Staff Recommended			
App Id	Area Type	District	Organization	Title	Principal Improvement	Secondary Improvement	DGP	HPP	Total Cost (millions)	Total Request (millions)	Funded	Program	Funding Result	Program	Funding Result	Program	Funding Result	Program	Change in Rank	Funding Result	Program	Change in Rank	Funding Result	Program	Change in Rank
9166	C	RICH	Crater PDC	ART - Old Towne Petersburg (Grove Ave to River Rd)	BikePed	None		x	\$1.7	\$1.7	X	HPP	Dropped		Stays In	HPP	Stays In	HPP	-1	Dropped		-306	Dropped		-311
9125	C	RICH	Tri-Cities Area MPO	FLT/ART Trailhead/Parking Lot	BikePed	None		x	\$4.0	\$3.4	X	HPP	Dropped		Stays In	HPP	Stays In	HPP	0	Stays In	HPP	-40	Dropped		-55
8928	B	RICH	Richmond City	A Gillies Creek Greenway	BikePed	Transit	x	x	\$5.3	\$5.3	X	DGP	Stays In	DGP	Stays In	DGP	Stays In	DGP	1	Dropped		-75	Dropped		-86
9126	C	RICH	Tri-Cities Area MPO	ART - Rt 1 to Colonial Heights and I-95	BikePed	None		x	\$3.9	\$3.9	X	HPP	Dropped		Stays In	HPP	Stays In	HPP	-4	Dropped		-97	Dropped		-110
9435	C	RICH	Colonial Heights City	Appomattox River Greenway Trail Phase 6	BikePed	None	x	x	\$3.8	\$3.8	X	DGP	Stays In	DGP	Stays In	DGP	Stays In	DGP	-4	Dropped		-191	Dropped		-199
9001	B	RICH	GRTC	C Fall Line Trail with Transit Improvements Manchester Br.	BikePed	Highway & Transit		x	\$28.2	\$26.7	X	HPP	Dropped		Stays In	HPP	Stays In	HPP	-2	Stays In	HPP	10	Dropped		4
9462	C	RICH	Hopewell City	W Randolph Road Shared Use Path	BikePed	None	x	x	\$6.4	\$6.4	X	DGP	Stays In	DGP	Stays In	DGP	Stays In	DGP	-4	Dropped		-92	Dropped		-106

	Official Round 5 Scenario	Scenario A: Refine HPP Definition	Scenario B: Eliminate Step 2	Scenario C: Future Congestion	Scenario D: Land Use as a Multiplier	Scenario E: Staff Recommended
<b>Projects Funded/Added</b>	20	0	7	3	7	9
<b>Projects Dropped</b>	-	5	0	2	7	11
<b>Net SS Award (millions)</b>	\$237.5	-\$50.8	\$62.9	\$19.8	\$85.6	\$103.6
<b>Unallocated DGP (millions)</b>	\$14.6	\$14.6	\$14.6	\$7.2	\$16.1	\$4.5

**Note - CTB Member Consensus Modifications**

**Unfund from DGP**

App ID 9154 Route 360/Deer Run Drive/Harbour View Court – R-Cut for \$22.2M

**Unfund from HPP**

App ID 9325 Route 288 Northbound Hard Shoulder Running for \$23.6M

**Fund with DGP and HPP**

App ID 9135 I-64 at Ashland Road (Route 623) Interchange for \$42.2M (\$23.6M HPP and \$18.6M DGP)

**Fund with DGP**

App ID 9162 Route 360 at Brad McNeer Continuous Green-T for \$12.4M

**Fund to reduced amount with DGP**

App ID 9462 W Randolph Road Shared Use Path for \$4.3M