

Hyothetical Comparison of Smart Scale Round 3 with FAMPO being in Category B vs. A

No	App ID	Improvement Type	Projet Description	Statewide High Priority	District Grant	Project Total Cost	SMART SCALE \$ Request	A - Score	B - Score	A - State Rank	B - State Rank	Change in State Rank	A - District Score	B - District Score	Change in District Rank	Comment on hypothetical impact of Category B on Smart Scale Round 3 Results for FAMPO
1	3685	Bus Transit	FRED Transit-Shelters and Benches	X		\$ 256,000	\$ 218,500	9.17	16.24	42	22	20	2	1	1	No Change
2	3620	TDM	Lafayette Blvd/Kenmore Ave/Charles St Roundabouts		X	\$ 5,800,000	\$ 1,978,826	5.90	6.84	78	64	14	3	3	-	No Change
3	4555	TDM	New Commuter Parking Lot on Route 3	X		\$ 7,455,000	\$ 5,055,000	5.11	5.74	91	84	7	5	6	(1)	No Change
4	3622	Highway	Dixon Street/Lansdowne Road Intersection Improvements		X	\$ 2,200,000	\$ 2,200,000	3.94	3.42	119	143	(24)	7	11	(4)	No Change
5	3878	Highway	FRED Transit-Shelters and Benches	X		\$ 7,420,000	\$ 6,374,139	2.70	6.20	163	78	85	8	5	3	No Change
6	3880	Highway	Rt 3 STARS Study and I-95 off-ramp imp.	X		\$ 11,500,000	\$ 9,454,139	2.62	3.58	167	137	30	9	10	(1)	Would likely have been selected in January, 2019 in Statewide
7	3881	Highway	US 17 Bus. STARS Study Improvements and New PNR Lot	X		\$ 21,835,000	\$ 21,835,000	2.42	3.82	174	124	50	10	9	1	Would likely have been selected in January, 2019 in Statewide
8	3621	TDM	U.S. Route 1/Fall Hill Avenue Intersection Improvements	X	X	\$ 7,200,000	\$ 7,200,000	2.27	3.14	185	151	34	11	12	(1)	Could possibly have been selected in Statewide instead of District Grant in January, 2019
9	3651	Highway	Stefaniga and Mountain View Road Intersection Improvement		X	\$ 3,700,000	\$ 2,700,000	2.07	6.54	200	70	130	12	4	8	No Change
10	3816	Highway	Harrison Rd & Salem Church	X	X	\$ 6,100,000	\$ 6,100,000	1.71	2.56	232	173	59	14	14	-	Could possibly have been selected in January, 2019 in District Grant
11	3824	Highway	Rt 2 & 17 from Lansdowne Rd past Shannon Airport	X	X	\$ 19,500,000	\$ 19,500,000	1.31	2.71	260	168	92	16	13	3	Could possibly have been selected in March, 2019
12	3819	Highway	Rt 1 and Rt 208/Lafayette Blvd	X	X	\$ 10,300,000	\$ 10,300,000	1.06	1.16	284	279	5	18	22	(4)	No Change
13	3851	Highway	I-95 Exit 126 STARS Study Improvements	X		\$ 28,320,000	\$ 28,320,000	1.02	1.91	293	219	74	19	15	4	No Change
14	3648	Highway	1. Stafford - Route 1/Enon Road Intersection and Roadway IMP	X	X	\$ 10,600,000	\$ 4,452,461	0.89	1.54	303	245	58	21	18	3	No Change
15	3852	Highway	I-95 NB Widening & Exit 126 STARS Improvements	X		\$ 61,000,000	\$ 61,000,000	0.76	1.70	316	235	81	22	17	5	No Change
16	3612	Highway	I-95 SB Widening: Exit 130 to Exit 126	X		\$ 34,320,000	\$ 34,320,000	0.70	1.18	331	275	56	24	20	4	No Change
17	5013	Highway	I-95 SB Widening with Exit 126 SB Aux. Deceleration Lane	X		\$ 35,820,000	\$ 35,820,000	0.69	1.05	333	293	40	25	23	2	No Change
18	4267	Highway	I-95 Exit 136, Centreport Pkwy, US 1 & Enon Rd Improvements	X		\$ 22,015,000	\$ 17,417,461	0.38	1.01	370	299	71	26	24	2	No Change
19	3649	Highway	Winding Creek Road Widening		X	\$ 15,700,000	\$ 12,230,500	0.21	0.18	396	405	(9)	28	30	(2)	No Change
20	3813	Highway	Germanna Point Dr & Spotsylvania Avenue	X	X	\$ 33,100,000	\$ 33,100,000	0.20	0.21	397	396	1	29	28	1	No Change
21	3650	Highway	Eskimo Hill Roadway Improvement		X	\$ 17,500,000	\$ 16,500,000	0.10	0.20	418	397	21	32	29	3	No Change

Project Description Color Guide	
Light or Dark Green	= Project originally selected in January, 2019 Draft Smart Scale
Blue	= Project dropped from Smart Scale Round 3
Gold	= Draft planned additional project from extra March Smart Scale Funding
Yellow	= Close to being selected
Red	= Regional I-95 projects which were not close to being selected.
White	= District Grant projects that were not close to being selected.

Map of Smart Scale Categories

Legend

 VDOT District Boundaries

 MPO/PDC Boundaries


 Counties and Cities

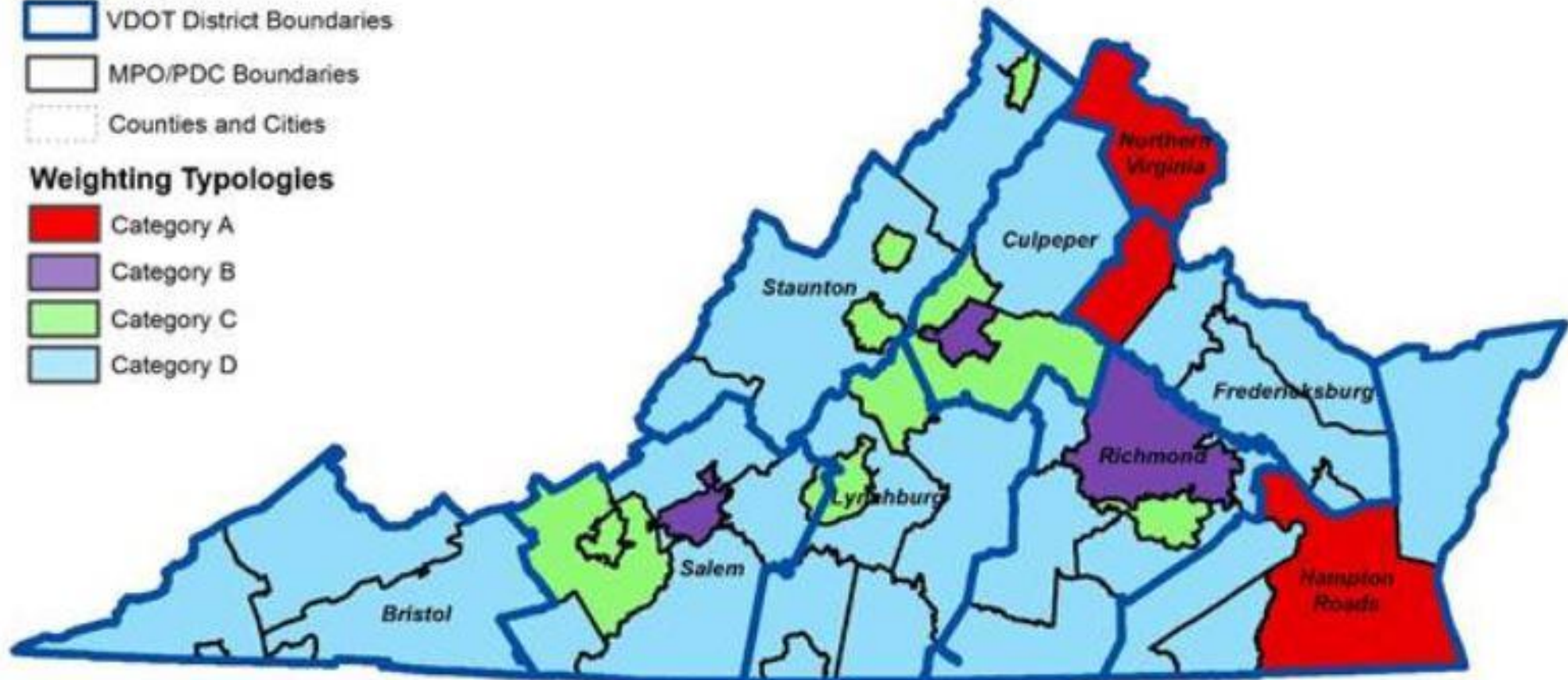
Weighting Typologies

 Category A

 Category B

 Category C

 Category D



Smart Scale Categories for FAMPO and Rural GWRC

Factor	Congestion Mitigation	Economic Development	Accessibility	Safety	Environmental Quality	Land Use
FAMPO						
Category A	45 percent	5 percent	15 percent	5 percent	10 percent	20 percent
Category B	15 percent	20 percent	25 percent	20 percent	10 percent	10 percent
Category C	15 percent	25 percent	25 percent	25 percent	10 percent	-
Rural GWRC						
Category D	10 percent	35 percent	15 percent	30 percent	10 percent	-

Congestion is the most critical scoring measure for Category A which includes FAMPO region

Table 4.6 Calculate SMART SCALE Score

Project Located in Typology Category A													
	Congestion Mitigation		Safety		Accessibility			Environment		Economic Development			Land Use
	Person Throughput	Person Hours of Delay	Number of Fatal and Injury Crashes	Rate of Fatal and Injury Crashes	Access to Jobs	Access to Jobs for Disadvantaged Populations	Access to Multimodal Choices	Air Quality and Energy Environmental Effect	Impact to Natural and Cultural Resources	Project Support for Economic Development	Intermodal Access and Efficiency	Travel Time Reliability	Transportation Efficient Land Use
Measure Score	1.4	0.79	6.9	1.24	0.152	0.18	0.15	0.09	0.39	2.09	2.8	3.83	6.91
Measure Weight	50%	50%	50%	50%	60%	20%	20%	50%	50%	60%	20%	20%	100%
Weighted Measure Score	0.7	0.39	3.45	0.62	0.09	0.04	0.03	0.04	0.19	1.25	0.56	0.77	6.91
Raw Factor Score	1.09		4.07		0.16			0.25		2.58			6.91
Factor Weighting	45%		5%		15%			10%		5%			20%