

Board of Supervisors
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County Administrator

Infrastructure Committee Meeting AGENDA

February 5, 2019 - 1:30 pm
Conference Room A/B/C, Second Floor

Committee Members: Mark Dudenhefer, Meg Bohmke and Jack Cavalier

Agenda Item	
1.	Transportation – a. SmartScale scoring and Stafford Projects b. RSTP and CMAQ proposed applications c. Discuss Brooke Road Project delays due to weather
	Next IC meeting is scheduled for March 5, 2019

InfraAgenda/02052019



Smart Scale Round 3 Update

February 5, 2019

- Stafford County submitted four applications to compete for Fredericksburg District Grant Program funds totaled approximately \$28.7M.
- The four applications that were screened in and scored were for Route 1 / Enon Road Intersection and Roadway Improvement, Winding Creek Road Widening, Eskimo Hill Roadway Improvement and Stefaniga and Mountain View Road Intersection Improvement.
- Stefaniga and Mountain View Road Intersection Improvement was the only application to score high enough to receive its requested Smart Scale funding.
- Overall the district applications were negatively impacted by a project submitted in the Hampton Roads area that suppressed the congestion portion of the scoring which is 45% of the overall score for projects in the Fredericksburg region.
- Projects in the District that were awarded were low cost (\$7M or below) intersection projects and a bicycle/pedestrian project. No roadway projects were awarded funding.
- FAMPO has calculated that the Route 1 / Enon Road Intersection and Roadway Improvement project would have needed an additional \$2.75M in local funding in order for it to score high enough to receive Smart Scale funding.
- Because the County received funding for its Stefaniga and Mountain View Road Intersection Improvement project, it is possible to request those funds be put on the Route 1 / Enon Road Intersection and Roadway Improvement project since this project was the Board's top priority project for requesting Smart Scale funding.
- That request would have to go the CTB before the end of this month for them to make a decision on whether or not to allow that. If this course of action is chosen, they could consider this a change in scope and rescore the project and remove the funding.
- Smart Scale debriefing is set to occur in March where localities can receive follow up details as to the why and how projects were scored the way they were.

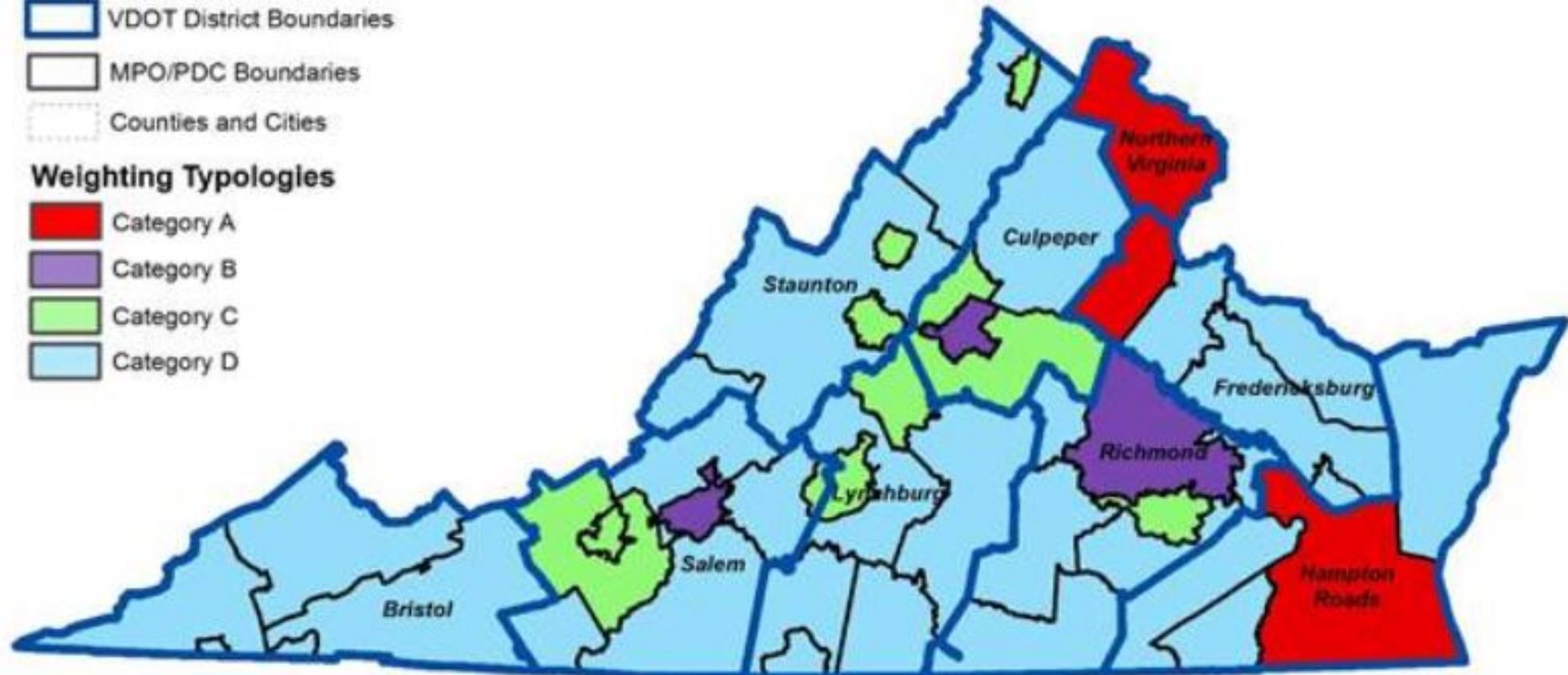
Map of Smart Scale Categories

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%

FAMPO CMAQ / RSTP Call for Projects

February 5, 2019

Congestion Mitigation and Air Quality (CMAQ) / Regional Surface Transportation Program (RSTP)

- CMAQ provides federal funding to Metropolitan Planning Organizations (MPOs) for transportation projects and programs that help improve air quality and reduce traffic congestion.
- RSTP funds are made available to MPOs which can be used for a wide variety of roadway, transit and TDM projects.
- Funds are only made available to regional organizations to cover areas with a population greater than 200,000.
- CMAQ/RSTP funding is administered through the Fredericksburg Area Metropolitan Planning Organization (FAMPO) which has a screening and scoring process itself.
- FAMPO receives approximately \$2.3M CMAQ funds and \$1.5M RSTP funds annually to spread amongst various projects in Stafford, Spotsylvania and the City.
- FAMPO annually asks for new candidate projects in January / February. If screened through and then scored, by April, new and existing projects could potentially receive CMAQ and/or RSTP funds.
- Any CMAQ / RSTP allocations on new projects would be added to the final years of the six-year plan similar to how the County's CIP works.
- County projects with CMAQ and/or RSTP funds allocated to it – Route 1 / Enon Road Intersection and Roadway Improvements, Garrisonville Road / Onville Road Intersection Improvements.
- Last year, Stafford County submitted a new application for the new FRED Bus Service route from northern Stafford to Quantico which received CMAQ funds for five fiscal years.
- This year, staff is considering submitting a new application for the Stefaniga / Mountain View Road Intersection Improvement project which received \$2.7M from the Smart Scale program. The County would be seeking to have CMAQ and RSTP funds cover the remaining \$1.0M which would be considered the County's local contribution.
- Staff would also ask that the Route 1 / Enon Road Intersection and Roadway Improvements project continue to be prioritized with additional CMAQ and RSTP funding.

Brooke Road Transportation Improvements

- Project began on May 1, 2018
- Current Road Closure began on September 24, 2018
- To date, the following major elements of the project have been completed
 - Clearing and Grubbing
 - BOTH culvert extensions
 - 30% of pavement reclamation

Roadway Closure

- Closure to remain in effect until June/July 2019
- Two closures were anticipated with the construction
- Initial closure extended due to significant weather impacts
- Second closure was to be months after initial closure
- Closures will be combined into one closure rather than reopening road for brief period
- Project team will continue to work with Communications staff to inform the public

