

ACTION TRANSMITTAL No. 2019-42

DATE: August 8, 2019

TO: TAC Funding and Programming Committee

PREPARED BY: Joe Barbeau, Senior Planner (651-602-1705)
Steve Peterson, Manager of Highway Planning and TAC/TAB
Process (651-602-1819)
Elaine Koutsoukos, TAB Coordinator (651-602-1717)

SUBJECT: 2020 Regional Solicitation: Weighting of Criteria and Measures

REQUESTED ACTION: Approval of the weighting of the criteria and measures for the 2020 Regional Solicitation as shown in Attachments 1 through 5.

RECOMMENDED MOTION: That TAC Funding and Programming recommend to TAC the weighting of the criteria and measures for the 2020 Regional Solicitation as shown in Attachments 1 through 5.

BACKGROUND AND PURPOSE OF ACTION: Each criterion contains measures, the scores for which are determined by TAB following TAC recommendation. Some criteria, measures, and scoring weights are proposed for changes in the 2020 Regional Solicitation. The following list proposes some changes to criteria weights and measure scoring values. Attachment 1 shows the criteria and the proposed weighting thereof for each of the application categories. Attachments 2 through 5 show the proposed changes to the distribution of points within and between the criteria.

Proposed Criteria Weighting Changes:

- The Spot Mobility & Safety is a new category highlighted in item 2019-39. That and the proposed weightings are shown in Attachment 1.
- For the most part, the recommended criteria weightings remain the same as within the 2018 Regional Solicitation. Proposed weighting changes are shown on Attachment 1.
- Several Measures are shown with changes and include:
 - Throughout the Solicitation, Housing Performance Score and Affordable Housing Connection is reduced from 70 points to 50 points to provide 20 more points to the Equity Benefits and Outreach measure.
 - Added Pedestrian Crash Reduction measure to three Roadway applications.
 - Multiuse Trails and Bicycle Facilities shows Measure 2A (Population) at 200 points from 150, absorbing the points previously assigned to the snow and ice control measure, which is now a qualifying criterion.
 - Safe Routes to School added a measure 1B, completion of Safe Routes to School Plans, and assigned it 100 points, reducing the “5 E’s” measure from 250 points to 150 points.

RELATIONSHIP TO REGIONAL POLICY: TAB develops and issues a Regional Solicitation for federal funding.

ROUTING

TO	ACTION REQUESTED	COMPLETION DATE
TAC Funding & Programming Committee	Review & Recommend	
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	
Transportation Committee	Review & Recommend	
Metropolitan Council	Concurrence	

ATTACHMENT 1: DRAFT CRITERIA WEIGHTING

Criteria	Traffic Mgmt. Tech.	<u>Spot Mobility & Safety</u>	Strategic Capacity	Roadway Reconst/ Modern.	Roadway Bridges	Transit Exp.	Transit Modern.	TDM	Multi-Use Trails & Bike Facility	Ped. Facility	Safe Routes to School
Role in the Regional System	16%	<u>16%</u>	19%	15 <u>10</u> %	18%	9%	9%	18%	18%	14%	--
Usage	11%	--	16%	16%	12%	32%	30%	9%	18%	14%	23%
Safety	18%	<u>25%</u>	14%	14 <u>16</u> %	--	--	--	--	23%	27%	23%
Congestion /Air Quality	18%	<u>25%</u>	14%	<u>7</u> %	--	18%	5%	27%	--	--	--
Infrastructure Age	7%	--	4%	14 <u>16</u> %	36%	--	--	--	--	--	--
Equity and Housing Performance	9%	<u>9%</u>	9%	9%	9%	18%	16%	14%	11%	11%	11%
Multimodal Facilities	5%	<u>9%</u>	9%	9 <u>10</u> %	9%	9%	9%	--	9%	14%	--
Risk Assessment	7%	<u>7%</u>	7%	7%	7%	5%	5%	5%	12%	12%	12%
Relationship Between SRTS Elements	--	--	--	--	--	--	--	--	--	--	23%
Transit Improvements	--	--	--	--	--	--	18%	--	--	--	--
TDM Innovation	--	--	--	--	--	--	--	18%	--	--	--
Cost Effectiveness (Points)	9%	<u>9%</u>	9%	9%	9%	9%	9%	9%	9%	9%	9%
TOTAL POINTS	1,100	<u>1,100</u>	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100

ATTACHMENT 2: ROADWAY MEASURES

Criteria and Measures	Traffic Mgmt				
	Tech.	Spot Mob.	Strat Cap.	Recon/Mod	Bridge
Role in the Regional Transportation System and Economy	175	<u>175</u>	210	170<u>105</u>	195
Measure A - Distance to the nearest parallel bridge					100
Measure A – <u>Congestion within Project Area, Level of Adjacent Congestion, and or Level of Congestion and</u> Principal Arterial Intersection Conversion Study Priorities		<u>100</u>	80	65	
Measure A – Functional Classification of project	50				
Measure B – Connection to Total Jobs, Manu/Dist. Jobs, and Post-Secondary Students.			50	40 <u>65</u>	30
Measure B – Integration within existing traffic management systems	50				
Measure C – Highway Truck Corridor Tiers	50	<u>75</u>	80	65 <u>40</u>	65
Measure D – Coordination with other agencies	25				
Usage	125		175	175	130
Measure A – Current daily person throughput	85		110	110	100
Measure B – Forecast 2040 average daily traffic volume	40		65	65	30
Equity and Housing Performance	100	<u>100</u>	100	100	100
Measure A – <u>Benefits and outreach to disadvantaged populations</u> Connection to disadvantaged pop and benefits, impacts, mitigation	30 <u>50</u>	<u>50</u>	30 <u>50</u>	30 <u>50</u>	30 <u>50</u>
Measure B – Housing Performance Score / <u>affordable housing connection</u>	70 <u>50</u>	<u>50</u>	70 <u>50</u>	70 <u>50</u>	70 <u>50</u>
Infrastructure Age/Condition	75		40	150<u>175</u>	400
Measure A – Date of construction			40	50	
Measure A –Upgrades to obsolete equipment	75				
Measure B – Geometric, structural, or infrastructure deficiencies				100 <u>125</u>	
Measure A – Bridge Sufficiency Rating					300
Measure B – Load-Posting					100
Congestion Reduction/Air Quality	200	<u>275</u>	150	80	
Measure A – Vehicle delay reduced		<u>200</u>	100	50	
Measure A – Congested roadway (V/C Ratio)	150				
Measure B – Kg of emissions reduced		<u>75</u>	50	30	
Measure B – Emissions and congestion benefits of project	50				
Safety	200	<u>275</u>	150	150<u>180</u>	
Measure A – Crashes reduced	50	<u>225</u>	150 <u>120</u>	150	
Measure B – Safety issues in project area	150				

<u>Measure B – Pedestrian Crash Reduction (Proactive)</u>		<u>50</u>	<u>30</u>	<u>30</u>	
Multimodal Elements and Existing Connections	50	<u>100</u>	100	100<u>110</u>	100
Measure A - Transit, bicycle, pedestrian, elements and connections	50	<u>100</u>	100	100 <u>110</u>	100
Risk Assessment	75	<u>75</u>	75	75	75
Measure A - Risk Assessment Form	75	<u>75</u>	75	75	75
Cost Effectiveness	100	<u>100</u>	100	100	100
Measure A - Cost effectiveness (total points awarded/total project cost)	100	<u>100</u>	100	100	100
Total	1,100	<u>1,100</u>	1,100	1,100	1,100

ATTACHMENT 3: TRANSIT MEASURES

Criteria and Measures	Transit Expansion	Transit Modernization
Role in the Regional Transportation System and Economy	100	100
Measure A – Connection to Jobs and Educational Institutions	50	50
Measure B – Average number of weekday transit trips connected to the project	50	50
Usage	350	325
Measure A – Existing Riders		325
Measure A – New Annual Riders	350	
Equity and Housing Performance	200	175
Measure A – Benefits and outreach to disadvantaged populations disadvantaged populations and project's benefits, impacts, and mitigation <u>Connection to disadvantaged populations and project's benefits, impacts, and mitigation</u>	130 <u>150</u>	105 <u>125</u>
Measure B – Housing Performance Score <u>/ affordable housing connection</u>	70 <u>50</u>	70 <u>50</u>
Emissions Reduction	200	50
Measure A – Total emissions reduced	200	50
Multimodal Elements and Existing Connections	100	100
Measure A – Bicycle and pedestrian elements of the project and connections	100	100
Risk Assessment	50	50
Measure A – Risk Assessment Form	50	50
Service and Customer Improvements		200
Measure A – Project improvement for transit users		200
Cost Effectiveness	100	100
Measure A – Cost effectiveness (total points awarded/total annual project cost)	100	100
Total	1,100	1,100

ATTACHMENT 4: TDM MEASURES

Criteria and Measures	Points
1. Role in the Regional Transportation System and Economy	200
Measure A – Ability to capitalize on existing regional transportation facilities and resources	200
2. Usage	100
Measure A – Users	100
3. Equity and Housing Performance	150
Measure A - Benefits and outreach to disadvantaged populations <u>Project's benefits, impacts, and mitigation to disadvantaged populations</u>	80 <u>100</u>
Measure B - Housing Performance Score <u>/ affordable housing connection</u>	70 <u>50</u>
4. Congestion Reduction/Air Quality	300
Measure A - Congested roadways in project area	150
Measure B - Emissions reduced	150
5. Innovation	200
Measure A - Project innovations and geographic expansion	200
6. Risk Assessment	50
Measure A - Technical capacity of applicant's organization	25
Measure B - Continuation of project after initial federal funds are expended	25
Sub-Total	1,000
7. Cost Effectiveness	100
Measure A – Cost effectiveness (total project cost/total points awarded)	100
Total	1,100

ATTACHMENT 5: BIKE / PEDESTRIAN MEASURES

Criteria and Measures	Multiuse Trails / Bike	Pedestrian	SRTS
Role in the Regional Transportation System and Economy	200	150	250
Measure A - Identify location of project relative to Regional Bicycle Transportation Network	200		
Measure A – Connection to Jobs and Educational Institutions		150	
Measure A – Describe how project addresses 5 Es* of SRTS program			250
Potential Usage	200	150	250
Measure A –Existing population and employment within 1 mile	150 200		
Measure A –Existing population within ½ mile		150	
Measure A - Average share of student population that bikes, walks, or uses transit			170
Measure B – Snow and Ice Control	50		
Measure B - Student population within school's walkshed			80
Equity and Housing Performance	120	120	120
Measure A – Benefits and outreach Connection to disadvantaged populations and project's benefits, impacts, and mitigation	50 70	50 70	50 70
Measure B - Housing Performance Score / <u>affordable housing connection</u>	70 50	70 50	70 50
Deficiencies and Safety	250	300	250
Measure A – <u>Regional Bicycle Barrier Crossings/Major River Bicycle Barrier Crossings improved or B</u> barriers overcome or gaps filled	100	120	100
Measure B - Deficiencies corrected or safety problem addressed	150	180	150
Multimodal Facilities and Existing Connections	100	150	
Measure C - Transit or pedestrian elements of the project and existing connections	100	150	
Risk Assessment/Public Engagement	130	130	130
Measure A - Risk Assessment Form	130	130	85
Measure A – Public Engagement			45
<u>Relationship between Safe Routes to School Program Elements</u>			250
<u>Measure A – Describe how project addresses 5 Es* of SRTS Program</u>			<u>150</u>
<u>Measure B – Completion of Safe Routes to School Plan</u>			<u>100</u>
Sub-Total	1,000	1,000	1,000
Cost Effectiveness	100	100	100
Measure A-Cost effectiveness (Total project cost/total points awarded)	100	100	100
Total	1,100	1,100	1,100