ACTION TRANSMITTAL No. 2019-42

DATE:	August 23, 2019
TO:	Technical Advisory Committee
FROM:	TAC Funding & 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 the Technical Advisory Committee recommend to TAB 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.

COMMITTEE COMMENTS AND ACTION: At its August 22, 2019, meeting, the TAC Funding & Programming Committee voted unanimously to recommend the weighting of the criteria and measures for the 2020 Regional Solicitation as shown in Attachments 1 through 5.

ROUTING

TO	ACTION REQUESTED	COMPLETION DATE
TAC Funding & Programming Committee	Review & Recommend	8/22/2019
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.	Spot Mobility & Safety	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%	16%	19%	~~15~~10%	18%	9%	9%	18%	18%	14%	--
Usage	11%	--	16%	16%	12%	32%	30%	9%	18%	14%	23%
Safety	18%	25%	14%	~~14~~16%	--	--	--	--	23%	27%	23%
Congestion /Air Quality	18%	25%	14%	7%	--	18%	5%	27%	--	--	--
Infrastructure Age	7%	--	4%	~~14~~16%	36%	--	--	--	--	--	--
Equity and Housing Performance	9%	9%	9%	9%	9%	18%	16%	14%	11%	11%	11%
Multimodal Facilities	5%	9%	9%	~~9~~10%	9%	9%	9%	--	9%	14%	--
Risk Assessment	7%	7%	7%	7%	7%	5%	5%	5%	12%	12%	12%
Relationship Between SRTS Elements	--	--	--	--	--	--	--	--	--	--	23%
Transit Improvements	--	--	--	--	--	--	18%	--	--	--	--
TDM Innovation	--	--	--	--	--	--	--	18%	--	--	--
Cost Effectiveness (Points)	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**	**9%**
TOTAL POINTS	**1,100**	**1,100**	**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**	**175**	**210**	**~~170~~105**	**195**
Measure A - Distance to the nearest parallel bridge					100
Measure A – Congestion within Project Area, Level of Adjacent Congestion, ~~and~~ or ~~Level of Congestion and~~ Principal Arterial Intersection Conversion Study Priorities		100	80	~~65~~	
Measure A – Functional Classification of project	50				
Measure B – Connection to Total Jobs, Manu/Dist. Jobs, and Post-Secondary Students.			50	~~40~~65	30
Measure B – Integration within existing traffic management systems	50				
Measure C – Highway Truck Corridor Tiers	50	75	80	~~65~~40	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**	**100**	**100**	**100**	**100**
Measure A – Benefits and outreach to disadvantaged populations~~Connection to disadvantaged pop and benefits, impacts, mitigation~~	~~30~~50	50	~~30~~50	~~30~~50	~~30~~50
Measure B – Housing Performance Score / affordable housing connection	~~70~~50	50	~~70~~50	~~70~~50	~~70~~50
Infrastructure Age/Condition	**75**		**40**	**~~150~~175**	**400**
Measure A – Date of construction			40	50	
Measure A –Upgrades to obsolete equipment	75				
Measure B – Geometric, structural, or infrastructure deficiencies				~~100~~125	
Measure A – Bridge Sufficiency Rating					300
Measure B – Load-Posting					100
Congestion Reduction/Air Quality	**200**	**275**	**150**	**80**	
Measure A – Vehicle delay reduced		200	100	50	
Measure A – Congested roadway (V/C Ratio)	150				
Measure B – Kg of emissions reduced		75	50	30	
Measure B – Emissions and congestion benefits of project	50				
Safety	**200**	**275**	**150**	**~~150~~180**	
Measure A – Crashes reduced	50	225	~~150~~120	150	
Measure B – Safety issues in project area	150				

Measure B – Pedestrian Crash Reduction (Proactive)		50	30	30	
Multimodal Elements and Existing Connections	**50**	**100**	**100**	**~~100~~110**	**100**
Measure A - Transit, bicycle, pedestrian, elements and connections	50	100	100	~~100~~110	100
Risk Assessment	**75**	**75**	**75**	**75**	**75**
Measure A - Risk Assessment Form	75	75	75	75	75
Cost Effectiveness	**100**	**100**	**100**	**100**	**100**
Measure A - Cost effectiveness (total points awarded/total project cost)	100	100	100	100	100
Total	**1,100**	**1,100**	**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~~Connection to disadvantaged populations and project's benefits, impacts, and mitigation~~	~~130~~150	~~105~~125
Measure B – Housing Performance Score / affordable housing connection	~~70~~50	~~70~~50
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~~Project's benefits, impacts, and mitigation to disadvantaged populations~~	~~80~~100
Measure B - Housing Performance Score / affordable housing connection	~~70~~50
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 / affordable housing connection	~~70~~50	~~70~~50	~~70~~50
Deficiencies and Safety	**250**	**300**	**250**
Measure A – Regional Bicycle Barrier Crossings/Major River Bicycle Barrier Crossings improved or ~~B~~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
Relationship between Safe Routes to School Program Elements			**250**
Measure A – Describe how project addresses 5 Es* of SRTS Program			150
Measure B – Completion of Safe Routes to School Plan or local plan			100
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**