

INFORMATION ITEM

DATE: August 2, 2019
TO: Technical Advisory Committee
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SUBJECT: 2020 Regional Solicitation: Incorporating Regional Bicycle Barriers

The Council recently updated its [Regional Bicycle Barriers Study \(RBBS\)](#) as recently presented to the TAC at its June 5, 2019 meeting. The Transportation Policy Plan (2018 update) also established Regional Bicycle Barrier Crossing Improvement Areas and Major River Bicycle Barrier Crossings (MRBBC) as a “high priority for federal transportation funds.”

At the July 3 TAC meeting, members were presented with three possible options for incorporating the RBBS results into criterion 4A under the multi-use trails and bicycle facilities category of the 2020 Regional Solicitation.

As a result of the ensuing discussion, one option was retained for further consideration and a new option was proposed. The retained option was Option A, “Sum of Two Parts” with a 70/30 split in possible points considered for bike network gaps and local barriers, and regional barriers (based on the RBBS barrier crossing improvement areas), respectively. The new option proposed (Option C) is an “Either/Or” option consisting of a qualitative assessment of local factors (also included in Option A) and a separate quantitative assignment of points based on the RBBS crossing areas and Major River Bicycle Barrier crossings; projects would be awarded the higher of the two component scores.

Further details, including a comparative analysis of the hypothetical impacts of either option with respect to the 2018 solicitation, will be presented as requested (see Powerpoint presentation in full packet). Based on input to be received from TAC members, staff will incorporate one of the scoring options in the draft Regional Solicitation application to be approved by the TAB in September.

Incorporating Regional Bicycle Barriers & Major River Bicycle Barrier Crossings into Regional Solicitation Criteria

TAB Technical Advisory Committee

August 7, 2019



Criterion 4.A. Scoring Options

Option A: “Sum of Two Parts” with 70/30 Local/Regional Split	Possible Pts
Part 1: Bicycle Network Gaps, Local Barriers & Continuity Qualitative assessment of project narrative, <u>PLUS</u>	0-70
Part 2 (NEW): Regional Bicycle Barrier Crossings & Major River Bicycle Barrier Crossing Quantitative assignment:	0-30
Tier 1 Regional Bicycle Barrier Crossing Improvement Areas <u>or</u> Major River Bicycle Barrier Crossings	30
Tier 2 Regional Bicycle Barrier Crossing Improvement Areas	20
Tier 3 Regional Bicycle Barrier Crossing Improvement Areas	10
Non-tiered regional bicycle barrier crossings	5
Multi regional barrier crossings (in addition to Tier 2 & lower RBBS-based pts)	+ 5

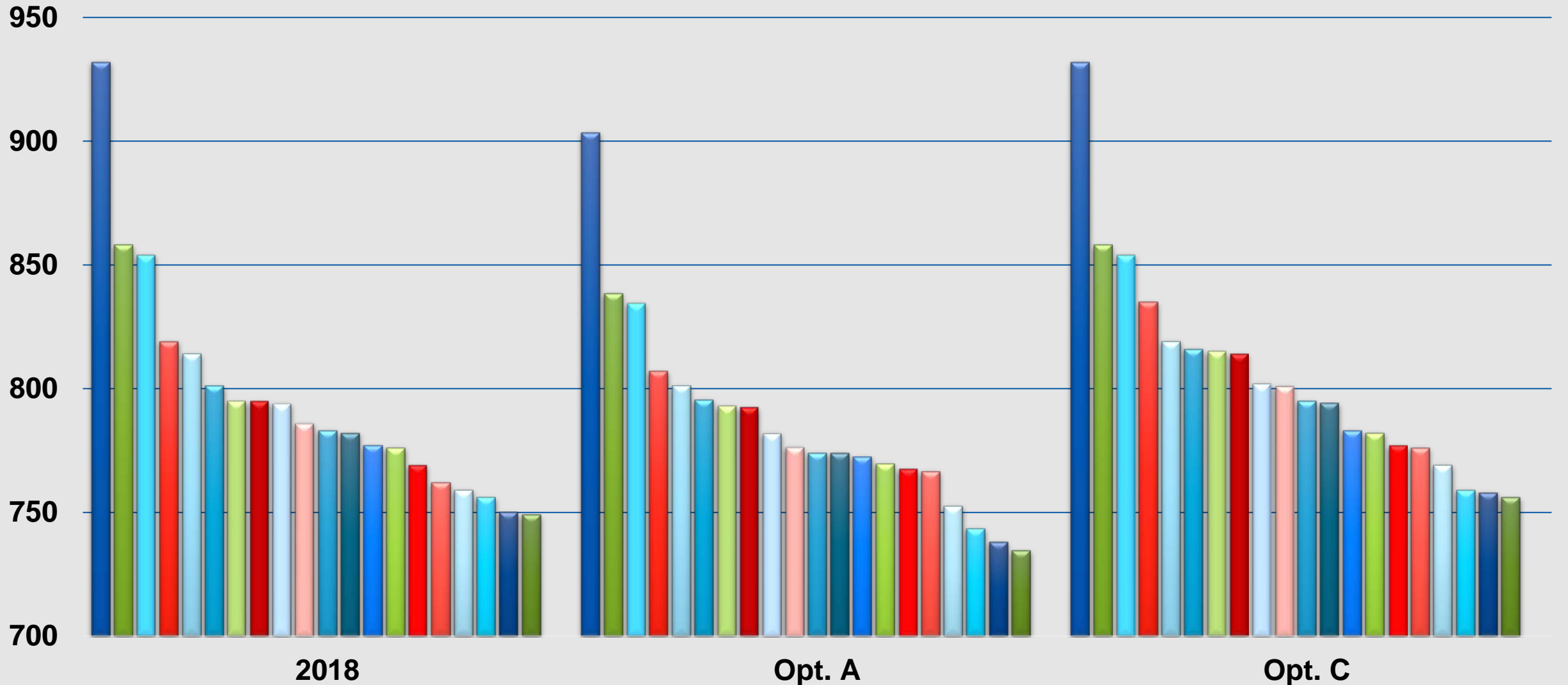
Criterion 4.A. Scoring Options

Option C: “Either/Or” (projects awarded higher of Part 1 or Part 2 Score)	Possible Pts
Part 1: Bicycle Network Gaps, Local Barriers & Continuity Qualitative assessment of project narrative, <u>OR</u>	0 - 100
Part 2 (NEW): Regional Bicycle Barrier Crossings & Major River Bicycle Barrier Crossing Quantitative assignment:	0 - 100
Tier 1 Regional Bicycle Barrier Crossing Improvement Areas <u>or</u> Major River Bicycle Barrier Crossings	100
Tier 2 Regional Bicycle Barrier Crossing Improvement Areas	75
Tier 3 Regional Bicycle Barrier Crossing Improvement Areas	50
Multi regional barrier crossing projects (in addition to Tier 2 or Tier 3 points)	+ 15

Hypothetical Scores Comparison

Scenario	Overall Scores				Top 20 Scores			
	Range	Avg. Score	STD Dev.	% Change	Range	Avg. Score	STD Dev.	% Change
2018 Solicitation	471	730	89.8	--	183	796	43.0	--
Opt. A "Sum of Two Parts"	444	720	88.1	-1.9%	169	786	38.2	-11.2%
Opt. C "Either/Or"	466	738	91.7	+2.1%	176	805	41.0	-4.7%

Top 20 Scores Comparison



Hypothetical Scores Comparison

Scoring Option	Overall Scores		TOP 20 Scores				Changes RE 2018 Funding	
	Average Change from 2018	# Projects w/Rank Change	Average Change from 2018	# Projects w/Rank Change	# Projects & Avg. Rank Increase	# Projects & Avg. Rank Decrease	Top 11	Below Top 11
Option A "Sum of Two Parts"	- 9.3	27	- 9.7	13	5 Proj./ + 3.6	8 Proj./ - 2.25	+ 2	- 1
Option C "Either/Or"	+ 8.0	29	+ 10.3	17	5 Proj./ + 6.2	12 Proj./ -2.33	+ 2	- 2

RBBS Scoring Options Summary

Project Category	Option A: "Sum of Two Parts" with 70/30 Local/RBBS Split			OPTION C: "Either/Or"		
	Qualitative Part 1 Score	Quantitative Part 2 Score	Total Score	Qualitative Part 1 Score	Part 2 RBBS Scores	Total Score
RBBS TIER 1 & MRBBCs	0 - 70	30	30 - 100	0 - 100	100	0 - 100
RBBS TIER 2	0 - 70	20	20 - 90	0 - 100	75	0 - 100
RBBS TIER 3	0 - 70	10	10 - 80	0 - 100	50	0 - 100
Non-Tiered Reg. Barrier Crossings	0 - 70	+ 5	5 - 75	0 - 100	25	0 - 100