

May 21, 2020

Regional Solicitation Before-and-After Study: Phase II

TAC Funding & Programming Committee



Study Purpose

Goal:

Evaluate the outcomes of Regional Solicitation projects and potentially inform updates to the 2022 and 2024 Regional Solicitation criteria

Timing:

Consultant study (summer 2020-2021)

Committees revise 2022 Reg Sol application (spring/summer 2021)

Consultant Team

Hoisington Koegler Group (HKGi)

Lance Bernard | Project Manager

Bolton & Menk

Ashley Hudson | Assistant Project Manager

The TAC Funding & Programming Committee will serve as the project's steering committee

Tasks 1-3

1. Populate and analyze the “after” conditions of the RS project database
2. Examine unfunded projects
 - Are they being built without solicitation funds?
 - Are they being funded through subsequent solicitations?
3. Examine multiuse trail usage measure
 - Extent to which population/employment density correlate with trail usage
 - Will use StreetLight InSight for bike/ped counts

Tasks 4-6

4. Develop a list of Crash Modification Factors (safety measure and HSIP)
 - Examine best practices and past applications
 - Develop list of approx. 20 CMFs that can be used in RS/HSIP applications
5. Identify ways to simplify the application and process
 - Will include meeting of a sub-committee of TAC/TAC F&P
6. Evaluate Risk Assessment criteria
 - Examine unbuilt/delayed projects

Before & After Study Phase II

Metropolitan Council

Issue Date: April 28, 2020

By: HKGI

	MAY				JUNE				JULY					AUGUST				SEPTEMBER					OCTOBER				NOVEMBER			DECEMBER				FEBRUARY				MARCH					APRIL					MAY					
week	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
0 Project Management																																																					
0.1 Day-to-day project management (ongoing)	<i>On Going</i>																																																				
0.2 Conduct Project Management meetings (10 total)																																																					
1 Population and Analysis of Project Database																																																					
1.1 Data collection																																																					
1.2 Measure 1: AADT (roadway projects)																																																					
1.3 Measure 2: Peak hour emissions (roadway projects)																																																					
1.4 Measure 3: Peak hour delay reduced by the project (roadway projects)																																																					
1.5 Measure 4: Peak hour delay reduced per vehicle (roadway projects)																																																					
1.6 Measure 5: Peak hour emissions reduced (transit projects)																																																					
1.7 Measure 6: Crash reduction by type and severity (roadway projects)																																																					
1.8 Measures 7: Average weekday users (transit projects)																																																					
1.9 Measures 8: New annual ridership (transit projects)																																																					
1.10 Measures 9: Current daily person throughput (roadway and transit projects)																																																					
1.11 Document the projects effectiveness and benefits to the region																																																					
2 Examination of Project Not Funded																																																					
2.1 Develop database of unfunded projects																																																					
2.2 Determine if projects have been built w/out regional solicitation funds																																																					
2.3 Coordinate with agencies																																																					
2.4 Document findings																																																					
3 Examination of Usage Measures																																																					
3.1 Develop database of built pedestrian/bicycle projects (2011 cycle as a baseline)																																																					
3.2 Establish measures for usage																																																					
3.3 Populate database using StreetLight data																																																					
3.4 Document findings																																																					
4 Development of a List of CMF for HSIP Applications																																																					
4.1 Collect HSIP applications for award projects in 2014+																																																					
4.2 Develop database and populate the project's CMF																																																					
4.3 Collaborate with MnDOT on findings																																																					
4.4 Document findings and recommendations																																																					
5 Identify Ways to Simplify and Streamline the Application Process																																																					
5.1 Establish task goals and objectives																																																					
5.2 Develop list of ideas																																																					
5.3 Seek input from agencies and/or staff (workshop ?)																																																					
5.4 Document findings and recommendations																																																					
6 Risk Assessment Criteria and Evaluation																																																					
6.1 Develop a list of unbuilt and delayed projects from the 2014+ cycle																																																					
6.2 Conduct interviews or surveys to determine barriers																																																					
6.3 Document findings and recommendations																																																					
7 Agency Coordination																																																					
7.1 TAC Funding & Programming Meetings (4 total)																																																					
7.2 1 Sub Committee Meeting																																																					
7.3 1 TAB Meeting																																																					
7.4 1 Met Council Transportation Committee Meeting																																																					
7.5 1 MnDOT Capital Improvements Committee Meeting																																																					

