#### June 3, 2020 Regional Solicitation Before-and-After Study: Phase II





## **Study Purpose**

Goal:

updates to the 2022 and 2024 Regional Solicitation criteria

Timing: Consultant study (summer 2020-2021) Committees revise 2022 Reg Sol application (spring/summer 2021)



## Evaluate the outcomes of Regional Solicitation projects and potentially inform

#### **Consultant Team** Hoisington Koegler Group (HKGi) Lance Bernard | Project Manager **Bolton & Menk** Ashley Hudson | Assistant Project Manager

committee



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





### 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

- 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

# 4. Develop a list of Crash Modification Factors (safety measure and HSIP)





#### Before & After Study Phase II Metropolitan Council

	MA	Y	JU	NE		JULY	AUGUST	SEPTE	MBER	OCOTOBE	RNOVEMB	ER  DE		R FE	BRUAR	Y   N	IARCH		APRIL	M/	AY
week	1 2	3 4	56	78	10 11	12 13	14 15 16 17 18	3 19 20 21	1 22 23	24 25 26 2	7 28 29 30	31 32 3	3 34 35	36 37	38 39 4	0 41 42	2 43 44 4	15 46	47 48 49	50 51	52 5
0 Project Management	•••					· · ·				• • •			• • •				• • •				
0.1 Day-to-day project management (ongoing)			•							On	Going							-			
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)																					$\square$
1.4 Measure 3: Peak hour delay reduced by the project (roadway projects	)																				$\square$
1.5 Measure 4: Peak hour delay reduced per vehicle (roadway projects)																					
1.6 Measure 5: Peak hour emissions reduced (transit projects)																					$\square$
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)																					$\square$
1.10 Measures 9: Current daily person throughput (roadway and transit pro	jects)																				$\square$
1.11 Document the projects effectiveness and benefits to the region																					
2 Examination of Project Not Funded	1 1	1		1 1													<b>I</b>				
2.1 Develop database of unfunded projects																					
2.2 Determine if projects have been built w/out regional solicitation funds																					$\square$
2.3 Coordinate with agencies																					
2.4 Document findings																					$\square$
3 Examination of Usage Measures		1															<b>I</b> 1 1				
3.1 Develop database of built pedestrian/bicycle projects (2011 cycle as a	baseline	e)																			
3.2 Establish measures for usage																					
3.3 Populate database using StreetLight data																					
3.4 Document findings																					$\square$
4 Development of a List of CMF for HSIP Applications		1		1 1													<b>I</b> , ,				
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																		<u> </u>			$\square$
4.4 Document findings and recommendations																					$\square$
5 Identify Ways to Simplify and Streamline the Application Process	;	1		1 1						1 1 1							1 1 1				
5.1 Establish task goals and objectives																					
5.2 Develop list of ideas																					$\square$
5.3 Seek input from agencies and/or staff (workshop ?)																					
5.4 Document findings and recommendations																					$\square$
6 Risk Assessment Criteria and Evaluation	1 1	1		1 1																	
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		1		ı I		1 <b>1</b>			1								1				
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																		+			<u> </u>
7.5 1 MnDOT Capital Improvements Committee Meeting			+			+ $+$ $+$											+ $+$ $+$	-+-	+	ł	$ \rightarrow$

