

Information Item

DATE: November 16, 2018
TO: TAB, TAC, and Funding & Programming Committees
PREPARED BY: Joe Barbeau, Senior Planner (651-602-1705)
Steve Peterson, Manager of TAB/TAC Process (651-602-1819)
SUBJECT: Developing Funding Alternatives for the Regional Solicitation

With scoring appeals process completed and the final scores for the 2018 Regional Solicitation tabulated, the TAB, TAC, and Funding & Programming Committees will turn toward development of the attached draft funding alternatives. In order to enable TAB to approve final funding options at its January 16, 2019, meeting, Funding & Programming will need to provide input to TAB at its December 20, 2018, meeting and TAC at its January 3, 2019, meeting.

At the October 17, 2018, TAB meeting, the Committee provided feedback to Council staff on the general themes that should be developed as part of the funding scenarios.

Preliminary Funding Scenarios:

1. **Base Scenario (Blue):** This was the funding scenario selected by TAB in the 2014 and 2016 Regional Solicitations. It focuses on the mid-points of the TAB-approved funding ranges (58% for Roadways, 27% for Transit/TDM, and 15% for Bicycle/Pedestrian) and then, as a starting point, divides the funding within each mode based approximately on the number of applications received in each category compared to the other categories within the same mode.
2. **Expansion-Heavy Scenario (Orange):** Funds more heavily in the roadway expansion and transit expansion categories to meet the needs of a growing region and economy. Same modal splits as the Base Scenario, but funds three additional roadway expansion projects and one additional transit expansion project. Funding for the four new projects comes from removing four projects (two roadway modernization projects, one traffic management technology project, and one transit modernization project from the Base Scenario).
3. **Bicycle/Pedestrian-Heavy Scenario (Green):** Funds an additional seven bicycle and pedestrian projects to reflect the 60 applications and high amount of dollars requested in this funding cycle. This scenario goes to the top end of the TAB-established modal funding range at 20% of total funds (modal range is 10% to 20%). Funding for the seven additional projects comes from shifting \$9 million from roadways and transit (i.e., removes one roadway expansion project and one transit expansion project from the Base Scenario).

The projects funded in each scenario are shown in the attachments (tabular and map formats). The scores displayed represent the final scores and account for all changes made as part of the scoring appeals process at the November 15, 2018, TAC Funding & Programming meeting. Recommended Highway Safety Improvement Program (HSIP) projects are also shown on the maps. These recommended projects will also go before TAB for approval at the January 16, 2019, meeting.

Other Assumptions or Observations:

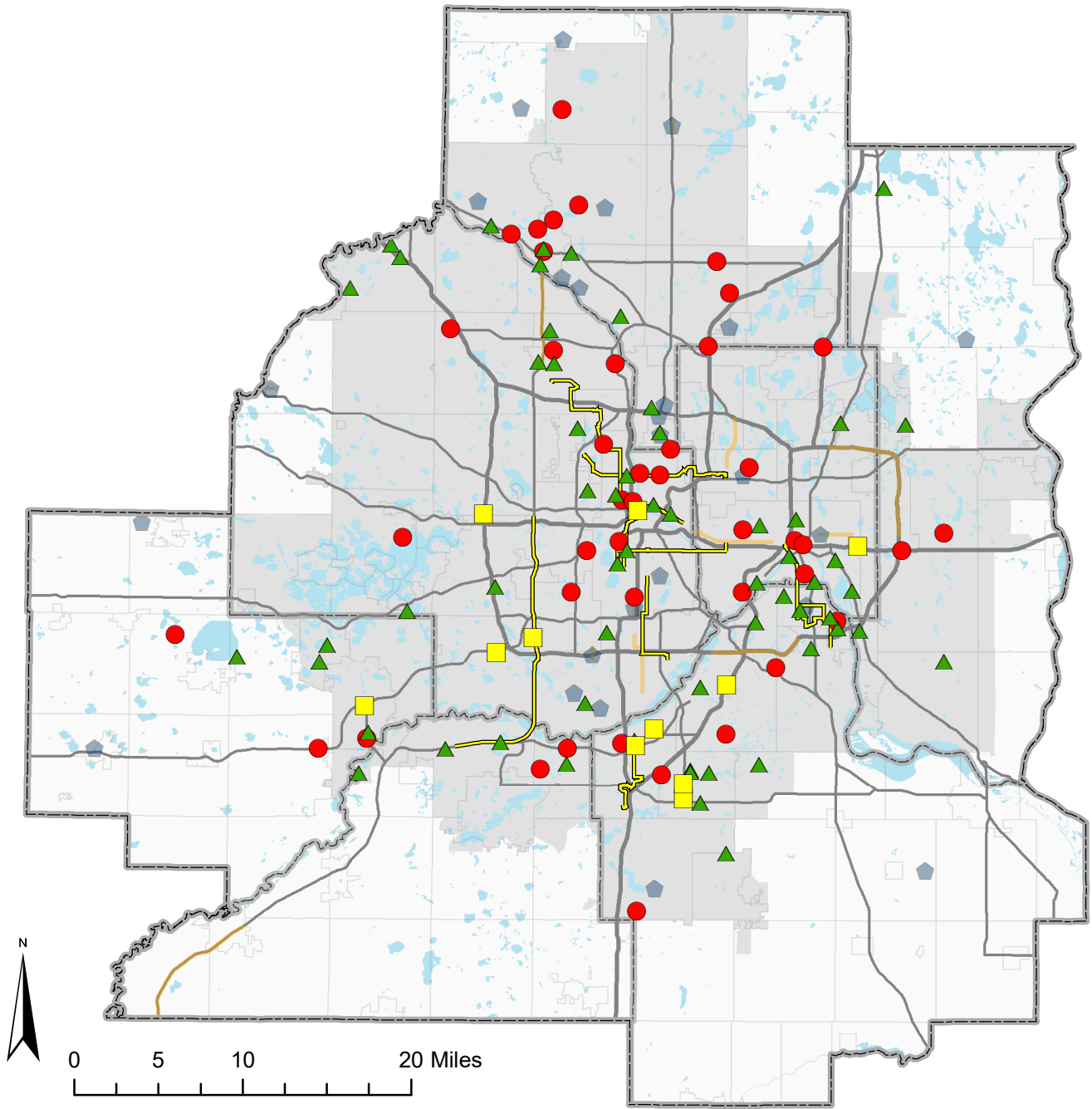
TAB has not yet decided on the \$6,667,000 unique project request submitted by the City of Saint Paul for HourCar vehicles and electric vehicle charging stations. As such, the funding scenarios are shown with and without funding for this project until further direction is provided by TAB.

All funding scenarios assume that \$585,000 is allocated off the top to the Regional Model/Travel Behavior Inventory as this request is years 7 and 8 of the 10-year program discussed by TAB as part of the 2016 funding cycle.

The draft scenarios assume 8% overprogramming to account for selected projects that withdraw or change their scopes and give funds back to the region (in the 2016 funding cycle, 8% overprogramming was approved by TAB). This level of overprogramming increases the total federal funds available from \$175 million to \$194 million. An additional \$2 million is being made available from underbudget transit bus purchases funded previously through the Regional Solicitation. Therefore, a total of \$196 million is available for projects.

The 2018 TAB-approved application states: Within Roadways Including Multimodal Elements, at least one project will be funded from each of the five eligible functional classifications: A-Minor Arterial Augmentors, Connectors, Expanders, and Relievers, as well as Non-Freeway Principal Arterials. The A-Minor Connector project shown as funded in the draft scenarios is a bridge project that requires skipping over higher-ranked projects. However, funding this lower-cost project at \$1.4 million helps satisfy the \$10 million minimum requirement in the bridge application category.

Locations of 2018 Submitted Applications for Regional Solicitation and Highway Safety Improvement Program Projects



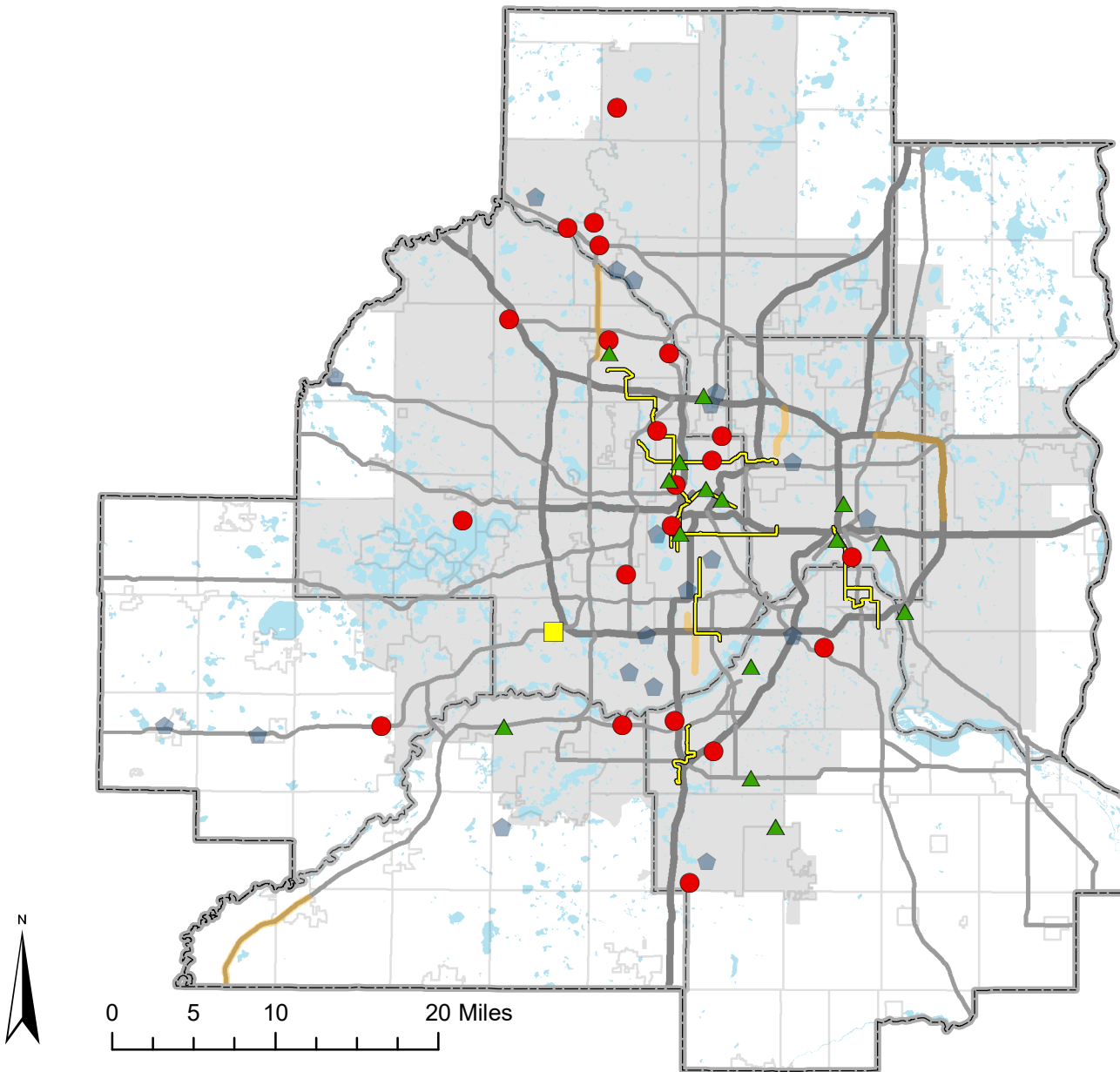
Legend

- Interstate Highways
- State, US Highways and County Roads
- ▭ County Boundaries
- ▭ City Boundaries
- ▭ Lakes and Rivers
- ▭ Urbanized Area

Modal Funding Category

- Roadways
- Transit and Travel Demand Management
- ▲ Bicycle and Pedestrian
- Transit Project Corridors
- ▭ HSIP Projects
- HSIP Project Corridors

Locations of 2018 Regional Solicitation Projects: Base Funding Scenario



Reference Items

- Interstate Highways
- State, US Highways and County Roads
- County Boundaries
- City Boundaries
- Lakes and Rivers
- Urbanized Area

Modal Funding Category

Type

- Roadways
- Bicycle and Pedestrian
- Transit
- Transit Project Corridors
- HSIP Projects
- HSIP Project Corridors

Total Regional Solicitation Projects: 48
**Total Highway Safety Improvement Program
 Projects: 25**

COUNTY DISTRIBUTION (BASE SCENARIO)

County	Submitted Apps	Funded				Total Funded Apps	% of Total Funded Apps	Total \$ Funded	% of Total Funding	% of Reg. Population	% of Reg. Jobs
		Roadway	Transit/TDM	Bike/Ped	Unique						
Anoka	15.50	4	0	1	0	5	11%	\$17,304,296	9%	11%	7%
Carver	8.50	1	0.5	0	0	1.5	3%	\$8,836,400	5%	3%	2%
Dakota	26.50	4	1.5	3	0	8.5	18%	\$27,850,955	15%	14%	11%
Hennepin	43.00	10	6.5	6	0	22.5	49%	\$110,709,034	59%	41%	53%
Ramsey	15.50	1	1.5	3	0	5.5	12%	\$17,284,175	9%	18%	19%
Scott	6.50	1	0	1	0	2	4%	\$6,700,080	4%	5%	3%
Washington	6.50	0	0	1	0	1	2%	\$460,800	0.2%	8%	5%
Region-wide*	2.00	0	1	0	1	2	4%	\$7,585,000			
TOTAL	124	21	11	15	1	48	100%	\$196,730,739	100%	100%	100%

*Regional Travel Behavior Inventory (\$585,000) and TDM/TMO set-aside (\$7M). Funding for the St. Paul unique project still being discussed by TAB. Population and jobs data from 2016 Met Council estimates. Project funding totals include the \$2.2 of returned transit funds.

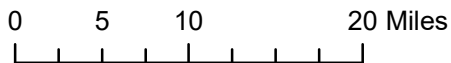
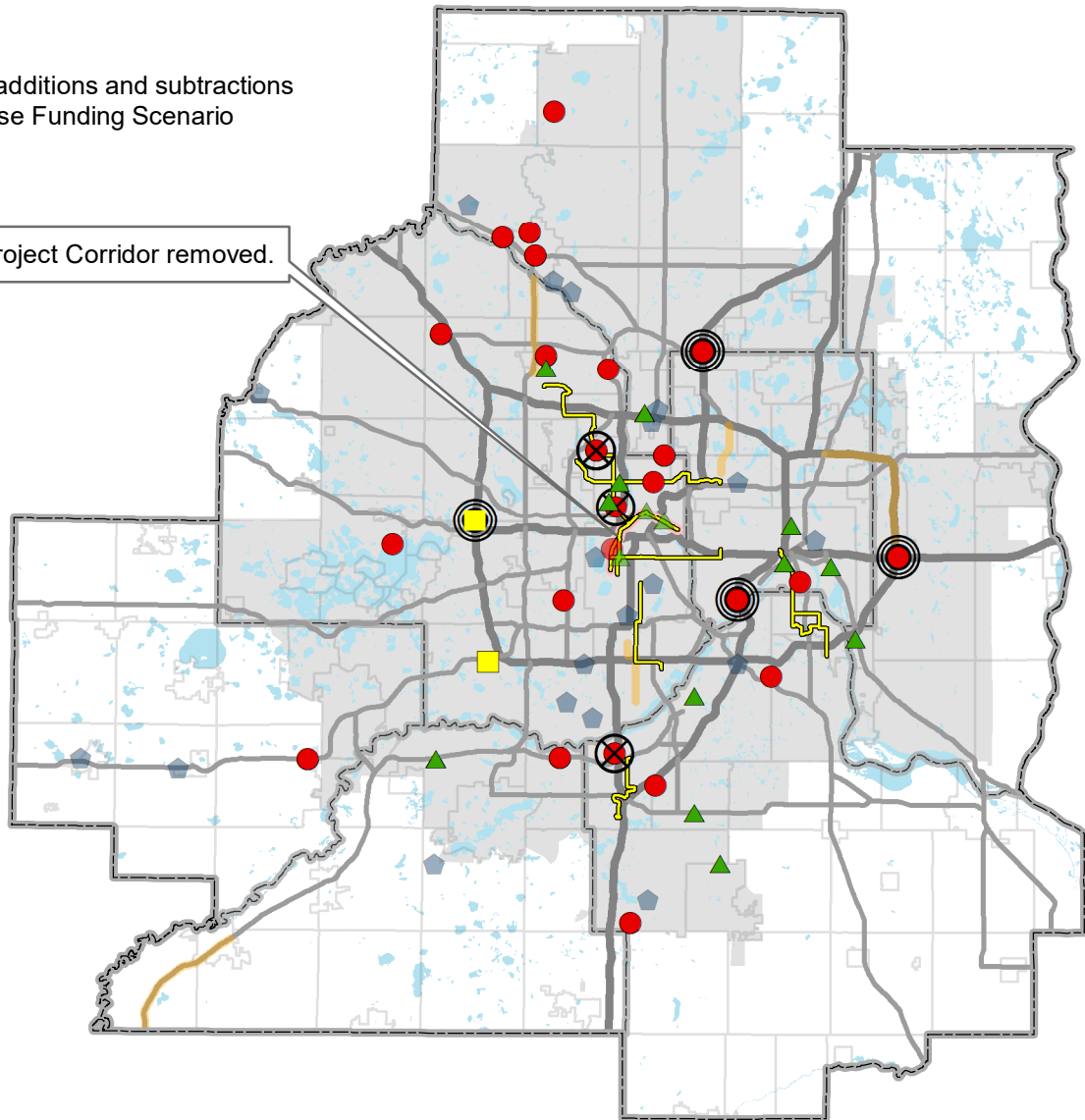
CITY DISTRIBUTION (BASE SCENARIO)

County	City	Projects	County	City	Projects	County	City	Projects
Anoka		5	Hennepin		21	Ramsey		4
	Anoka	2		Brooklyn Park	2		St. Paul	1
	Oak Grove	1		Maple Grove	1		St. Paul	3
	Ramsey/Anoka	1		Minneapolis	4	Multiple Counties		6
	Fridley	1		St. Anthony/ Columbia Hts./ Minneapolis	1	Dakota/ Ramsey	St. Paul, W. St. Paul, S. St. Paul	1
Carver		1		Edina	1	Hennepin/ Ramsey	Minneapolis, St. Paul, Robbinsdale, St. Anthony, Roseville	2
	Dahlgren Twp.	1		Orono	1	Carver/ Hennepin	Eden Prairie, Chaska, Chanhassen, Carver, Victoria	1
Dakota		8		Minneapolis	3		Region-wide	2
	Eagan/ Inver Grove Heights	1		Minneapolis, Richfield, Bloomington	1	TOTAL		48
	Lakeville	1		Brooklyn Center/ Brooklyn Park	1			
	Burnsville	1		Minneapolis	5			
	Apple Valley/ Burnsville	1		Brooklyn Park	1			
	Burnsville	1						
	Farmington/ Lakeville	1						
	Apple Valley	1						
	Eagan	1						
Scott		2						
	Savage	1						
	Shakopee	1						
Washington		1						
	Newport	1						

Locations of 2018 Regional Solicitation Projects: Expansion-Heavy Funding Scenario

Map shows project additions and subtractions compared to the Base Funding Scenario

One Transit Project Corridor removed.



Reference Items

- Interstate Highways
- State, US Highways and County Roads
- County Boundaries
- City Boundaries
- Lakes and Rivers
- Urbanized Area

Modal Funding Category

- Roadways
- Roadway Additions
- Roadway Subtractions
- Bicycle and Pedestrian
- Transit
- Transit Addition
- Transit Project Corridor
- Transit Project Corridor Subtraction
- HSIP Projects
- HSIP Project Corridors

Total Regional Solicitation Projects: 48
Total Highway Safety Improvement Program Projects: 25

COUNTY DISTRIBUTION (EXPANSION-HEAVY SCENARIO)

County	Submitted Apps	Funded				Total Funded Apps	% of Total Funded Apps	Total \$ Funded	% of Total Funding	% of Reg. Population	% of Reg. Jobs
		Roadway	Transit/TDM	Bike/Ped	Unique						
Anoka	15.50	4.5	0	1	0	5.5	12%	\$23,424,976	12%	11%	7%
Carver	8.50	1	0.5	0	0	1.5	3%	\$8,836,400	5%	3%	2%
Dakota	26.50	3	1.5	3	0	7.5	16%	\$25,218,955	13%	14%	11%
Hennepin	43.00	8	6.5	6	0	20.5	45%	\$100,189,034	53%	41%	53%
Ramsey	15.50	2.5	1.5	3	0	7	15%	\$19,524,175	10%	18%	19%
Scott	6.50	1	0	1	0	2	4%	\$6,700,080	4%	5%	3%
Washington	6.50	1	0	1	0	2	4%	\$4,860,800	3%	8%	5%
Region-wide*	2.00	0	1	0	1	2	4%	\$7,585,000			
TOTAL	124	21	11	15	1	48	100%	\$196,339,419	100%	100%	100%

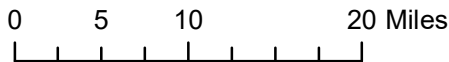
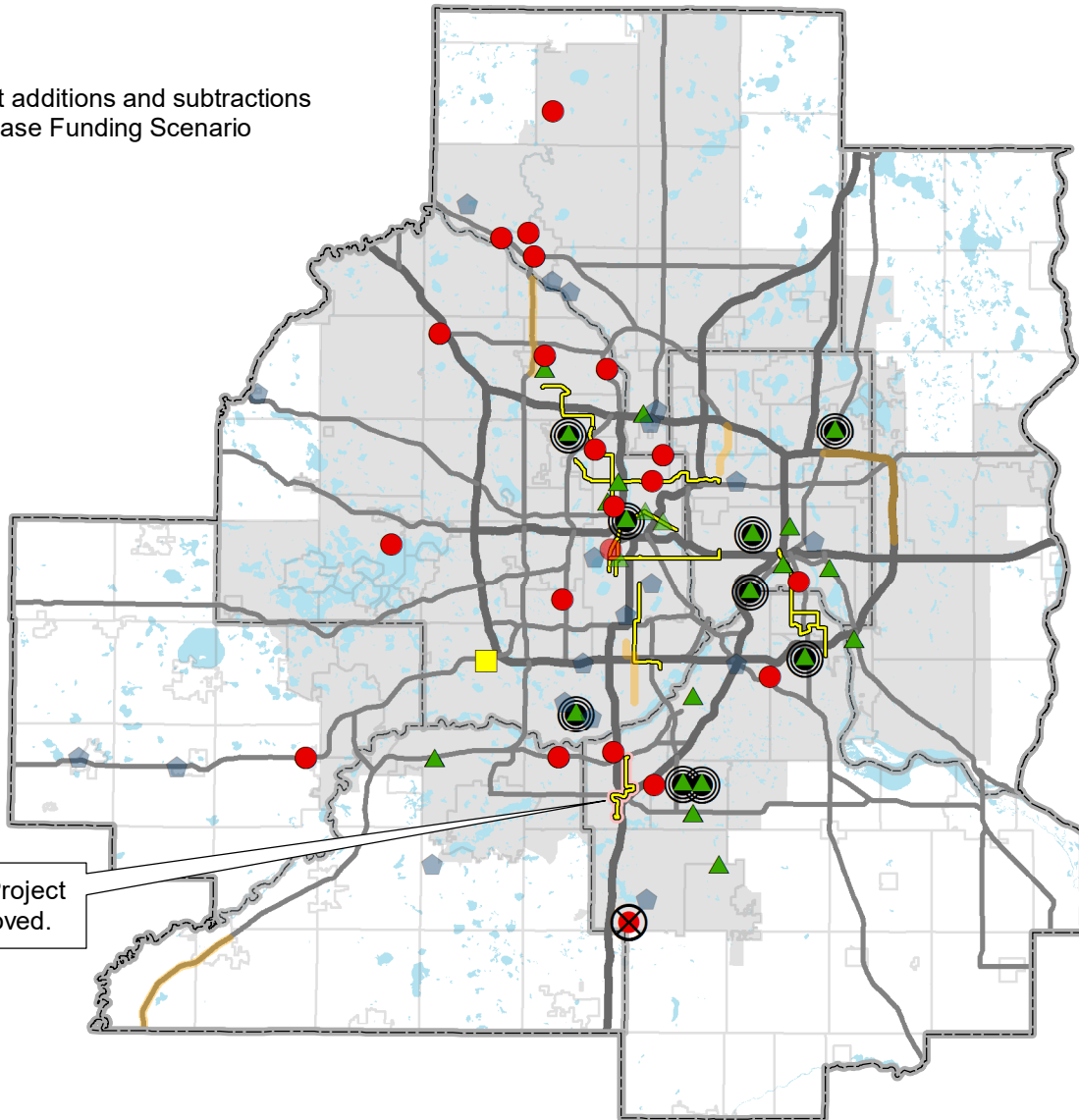
*Regional Travel Behavior Inventory (\$585,000) and TDM/TMO set-aside (\$7M). Funding for the St. Paul unique project still being discussed by TAB. Population and jobs data from 2016 Met Council estimates. Project funding totals include the \$2.2 of returned transit funds.

CITY DISTRIBUTION (EXPANSION-HEAVY SCENARIO)

County	City	Projects	County	City	Projects	County	City	Projects
Anoka		5.0	Hennepin		19	Ramsey		5.0
	Anoka	2		Brooklyn Park	2		St. Paul	2.0
	Ramsey/Anoka	1		Maple Grove	1		St. Paul	3
	Oak Grove	1		Minneapolis	2	Multiple Counties		7
	Fridley	1		St. Anthony/ Columbia Hts. Minneapolis	1	Dakota/ Ramsey	St. Paul, W. St. Paul, S. St. Paul	1
		1		Edina	1	Hennepin/ Ramsey	Minneapolis, St. Paul, Robbinsdale, St. Anthony, Roseville	2
Carver				Orono	1	Carver/ Hennepin	Eden Prairie, Chaska, Chanhassen, Carver, Victoria	1
	Dahlgren Twp.	1		Eden Prairie, Maple Grove, Plymouth, Minnetonka	1	Anoka/ Ramsey	Blaine, Shoreview	1
		7		Minneapolis	2		Region-wide	2
Dakota	Eagan/IGH	1		Minneapolis, Richfield, Bloomington	1	TOTAL		48
	Lakeville	1		Brooklyn Center/ Park	1			
	Apple Valley/ Burnsville	1		Minneapolis	5			
	Burnsville	1		Brooklyn Park	1			
	Farmington/ Lakeville	1						
	Apple Valley	1						
	Eagan	1						
Scott		2						
	Savage	1						
	Shakopee	1						
Washington		2						
	Woodbury/ Oakdale	1						
	Newport	1						

Locations of 2018 Regional Solicitation Projects: Bike/Ped Heavy Funding Scenario

Map shows project additions and subtractions compared to the Base Funding Scenario



Reference Items

- Interstate Highways
- State, US Highways and County Roads
- County Boundaries
- City Boundaries
- Lakes and Rivers
- Urbanized Area

Modal Funding Categories

- Roadways
- Roadway Subtraction
- Bicycle and Pedestrian
- Bicycle and Pedestrian Additions
- Transit
- Transit Project Corridor
- Transit Project Corridor Subtraction
- HSIP Projects
- HSIP Project Corridors

Total Regional Solicitation Projects: 55
Total Highway Safety Improvement Program Projects: 25

COUNTY DISTRIBUTION (BIKE/PEDESTRIAN-HEAVY SCENARIO)

County	Submitted Apps	Funded				Total Funded Apps	% of Total Funded Apps	Total \$ Funded	% of Total Funding	% of Reg. Population	% of Reg. Jobs
		Roadway	Transit/TDM	Bike/Ped	Unique						
Anoka	15.50	4	0	1	0	5	9%	\$17,304,296	9%	11%	7%
Carver	8.50	1	0.5	0	0	1.5	3%	\$8,836,400	5%	3%	2%
Dakota	26.50	3	0.5	6	0	9.5	18%	\$19,120,839	10%	14%	11%
Hennepin	43.00	10	6.5	9	0	25.5	48%	\$112,468,036	60%	41%	53%
Ramsey	15.50	1	1.5	6	0	8.5	16%	\$23,564,853	13%	18%	19%
Scott	6.50	1	0	1	0	2	4%	\$6,700,080	4%	5%	3%
Washington	6.50	0	0	1	0	1	2%	\$460,800	0.2%	8%	5%
Region-wide*	2.00	0	1	0	1	2	4%	\$7,585,000			
TOTAL	124	20	10	24	1	55	100%	\$196,040,303	100%	100%	100%

*Regional Travel Behavior Inventory (\$585,000) and TDM/TMO set-aside (\$7M). Funding for the St. Paul unique project still being discussed by TAB. Population and jobs data from 2016 Met Council estimates. Project funding totals include the \$2.2 of returned transit funds.

CITY DISTRIBUTION (BIKE/PEDESTRIAN-HEAVY SCENARIO)

County	City	Projects	County	City	Projects	County	City	Projects
Anoka		5.0	Hennepin		24	Ramsey		7.0
	Anoka	2		Brooklyn Park	2		St. Paul	1
	Oak Grove	1		Maple Grove	1		St. Paul	5
	Ramsey/Anoka	1		Minneapolis	4		White Bear Lake/ Twp / Vadnais Hts	1
	Fridley	1		St. Anthony/ Columbia Hts. Minneapolis	1		Multiple Counties	6
Carver		1		Edina	1	Dakota/ Ramsey	St. Paul, W. St. Paul, S. St. Paul	1
	Dahlgren Twp.	1		Orono	1	Carver/ Hennepin	Eden Prairie, Chaska, Chanhassen, Carver, Victoria	1
		9		Minneapolis	3	Hennepin/ Ramsey	Minneapolis, St. Paul, Robbinsdale, St. Anthony, Roseville	2
Dakota				Minneapolis, Richfield, Bloomington	1		Region-wide	2
	Eagan/ Inver Grove Heights	1		Brooklyn Center/ Park	1	TOTAL		55
	Apple Valley/ Burnsville	1		Minneapolis	5			
	Burnsville	1		Brooklyn Park	1			
	Apple Valley	3		Cities along Blue/Green Line Extensions	1			
	Farmington/ Lakeville	1		Bloomington	1			
	Eagan	1		Crystal	1			
	Inver Grove Heights	1						
Scott		2						
	Savage	1						
	Shakopee	1						
Washington		1						
	Newport	1						

Regional Solicitation Funding by County (2003-2016)

2016 Census Estimate									
County	Population	Pop %	Jobs %	2003-2013		2014-2016		Total	
Anoka	345,957	11%	7.0%	\$ 84,493,281	11%	\$ 25,445,022	6%	\$109,938,303	9%
Carver	100,262	3%	2.0%	\$ 46,739,804	6%	\$ 10,769,728	3%	\$57,509,532	5%
Dakota	417,486	14%	11.0%	\$ 97,050,235	13%	\$ 36,220,700	9%	\$133,270,935	11%
Hennepin	1,232,483	41%	53.0%	\$ 308,185,317	40%	\$ 230,107,133	54%	\$538,292,450	45%
Ramsey	540,649	18%	19.0%	\$ 134,020,012	18%	\$ 73,264,151	17%	\$207,284,163	17%
Scott	143,680	5%	3.0%	\$ 52,293,396	7%	\$ 29,739,649	7%	\$82,033,045	7%
Washington	253,117	8%	5.0%	\$ 43,018,036	6%	\$ 20,554,656	5%	\$63,572,692	5%
	3,033,634			\$765,800,080		\$426,101,039		\$1,191,901,119	

Data for population and employment based on Metropolitan Council 2016 estimates.

Regional Solicitation Funding by County (2003-2016 and Draft 2018 Base Senario)

2016 Census Estimate													
County	Population	Pop %	Jobs %	2003-2013		2014-2016		2018		Total			
										2003-2018	Percent	2014-2018	Percent
Anoka	345,957	11%	7%	\$ 84,493,281	11%	\$ 25,445,022	6%	\$17,304,296	9%	\$127,242,599	9%	\$42,749,318	7%
Carver	100,262	3%	2%	\$ 46,739,804	6%	\$ 10,769,728	3%	\$8,836,400	5%	\$66,345,932	5%	\$19,606,128	3%
Dakota	417,486	14%	11%	\$ 97,050,235	13%	\$ 36,220,700	9%	\$27,850,955	15%	\$161,121,890	12%	\$64,071,655	10%
Hennepin	1,232,483	41%	53%	\$ 308,185,317	40%	\$ 230,107,133	54%	\$110,709,034	59%	\$649,001,483	47%	\$340,816,167	55%
Ramsey	540,649	18%	19%	\$ 134,020,012	18%	\$ 73,264,151	17%	\$17,284,175	9%	\$224,568,338	16%	\$90,548,326	15%
Scott	143,680	5%	3%	\$ 52,293,396	7%	\$ 29,739,649	7%	\$6,700,080	4%	\$88,733,125	6%	\$36,439,729	6%
Washington	253,117	8%	5%	\$ 43,018,036	6%	\$ 20,554,656	5%	\$460,800	0.2%	\$64,033,492	5%	\$21,015,456	3%
	3,033,634			\$765,800,080		\$426,101,039		\$189,147,757		\$1,381,046,858		\$615,246,778	

Data for population and employment based on Metropolitan Council 2016 estimates.

Regional Solicitation Funding by County (2003-2016 and Draft 2018 Expansion-Heavy Scenario)

2016 Census Estimate													
County	Population	Pop %	Jobs %	2003-2013		2014-2016		2018		Total			
										2003-2018	Percent	2014-2018	Percent
Anoka	345,957	11%	7%	\$ 84,493,281	11.0%	\$ 25,445,022	6%	\$23,424,976	12%	\$133,363,279	10%	\$48,869,998	8%
Carver	100,262	3%	2%	\$ 46,739,804	6%	\$ 10,769,728	3%	\$8,836,400	5%	\$66,345,932	5%	\$19,606,128	3%
Dakota	417,486	14%	11%	\$ 97,050,235	13%	\$ 36,220,700	9%	\$25,218,955	13%	\$158,489,890	11%	\$61,439,655	10%
Hennepin	1,232,483	41%	53%	\$ 308,185,317	40%	\$ 230,107,133	54%	\$100,189,034	53%	\$638,481,483	46%	\$330,296,167	54%
Ramsey	540,649	18%	19%	\$ 134,020,012	18%	\$ 73,264,151	17%	\$19,524,175	10%	\$226,808,338	16%	\$92,788,326	15%
Scott	143,680	5%	3%	\$ 52,293,396	7%	\$ 29,739,649	7%	\$6,700,080	4%	\$88,733,125	6%	\$36,439,729	6%
Washington	253,117	8%	5%	\$ 43,018,036	6%	\$ 20,554,656	5%	\$4,860,800	3%	\$68,433,492	5%	\$25,415,456	4%
	3,033,634			\$765,800,080		\$426,101,039		\$188,756,437		\$1,380,655,538		\$614,855,458	

Data for population and employment based on Metropolitan Council 2016 estimates.

Regional Solicitation Funding by County (2003-2016 and Draft 2018 Bike/Ped-Heavy Scenario)

2016 Census Estimate													
County	Population	Pop %	Jobs %	2003-2013		2014-2016		2018		Total			
										2003-2018	Percent	2014-2018	Percent
Anoka	345,957	11%	7%	\$ 84,493,281	11%	\$ 25,445,022	6%	\$17,304,296	9%	\$127,242,599	9%	\$42,749,318	7%
Carver	100,262	3%	2%	\$ 46,739,804	6%	\$ 10,769,728	3%	\$8,836,400	5%	\$66,345,932	5%	\$19,606,128	3%
Dakota	417,486	14%	11%	\$ 97,050,235	13%	\$ 36,220,700	9%	\$19,120,839	10%	\$152,391,774	11%	\$55,341,539	9%
Hennepin	1,232,483	41%	53%	\$ 308,185,317	40%	\$ 230,107,133	54%	\$112,468,036	59%	\$650,760,485	47%	\$342,575,169	56%
Ramsey	540,649	18%	19%	\$ 134,020,012	18%	\$ 73,264,151	17%	\$23,564,853	12%	\$230,849,016	17%	\$96,829,004	16%
Scott	143,680	5%	3%	\$ 52,293,396	7%	\$ 29,739,649	7%	\$6,700,080	4%	\$88,733,125	6%	\$36,439,729	6%
Washington	253,117	8%	5%	\$ 43,018,036	6%	\$ 20,554,656	5%	\$460,800	0.2%	\$64,033,492	5%	\$21,015,456	3%
	3,033,634			\$765,800,080		\$426,101,039		\$188,457,321		\$1,380,356,422		\$614,556,342	

Data for population and employment based on Metropolitan Council 2016 estimates.