

ACTION TRANSMITTAL No. 2017-04

DATE: December 8, 2016
TO: TAC Funding and Programming Committee
PREPARED BY: Joe Barbeau, Senior Planner (651-602-1705)
SUBJECT: 2016 HSIP Solicitation Project Selection
REQUESTED ACTION: MnDOT requests approval of the attached 22 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation.
RECOMMENDED MOTION: That TAC Funding & Programming Committee recommend to TAC approval of the attached 22 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation and inclusion of all Urbanized Area projects in the draft 2018-21 TIP.

BACKGROUND AND PURPOSE OF ACTION: The Highway Safety Improvement Program (HSIP) is a core federal program defined in the FAST Act. HSIP is designed to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-state-owned public roads and roads on tribal lands. HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance. In order to obligate HSIP funds, the state must develop, implement, and update a Strategic Highway Safety Plan and produce a program of projects.

MnDOT shares these federal funds with local governments to improve and protect the transportation system beyond the state's trunk highway system. MnDOT conducts the solicitation and the proposed projects are evaluated by a team of transportation professionals that includes members of the Technical Advisory Committee.

With guidance and recommendation from its technical committees, the TAB's role is to approve the solicitation criteria and select projects to be awarded HSIP funds. MnDOT conducted a solicitation for both "proactive" and "reactive" projects to be funded in 2020 and 2021. The attached projects, if approved, will be included in the 2018-2021 TIP to be released for public comment in June, 2017. The attached proposed program shows over-programming of \$100,755 and a total budget of \$20,700,000, rendering over-programming below 1 percent.

The attached projects assume that no inflation adjustment is included with the federal funding, as recommended by TAC. TAB will decide on the federal funding at its December 21 meeting. Should the F&P-recommended 8/10% inflation be approved, the following projects would be removed from the program: P5 and R24.

RELATIONSHIP TO REGIONAL POLICY: Federal law requires that all transportation projects that will be funded with federal funds must be in an approved TIP and meet the following four tests: fiscal constraint; consistency with the adopted regional transportation plan; air quality conformity; and opportunity for public input. Each project is consistent with the Transportation Policy Plan. Public input opportunity will occur when the TIP is out for public review. The region's Transportation Policy Plan includes transportation safety policies and strategies. The projects selected through the HSIP solicitation are consistent with that plan.

STAFF ANALYSIS: Staff recommends approval of the attached 22 projects for funding through the (HSIP solicitation and inclusion of all Urbanized Area projects in the draft 2018-21 TIP.

ROUTING

TO	ACTION REQUESTED	DATE COMPLETED
TAC Funding & Programming Committee	Review & Recommend	
Technical Advisory Committee	Review & Recommend	
Transportation Advisory Board	Review & Adopt	

2020 / 2021 Recommended **FUNDING** HSIP Projects

Project #	Submitting Agency	Roadway	Location	Project Description	Funding Year Requested			HSIP FUNDING						
					Any	2020	2021	Original HSIP Amount Requested	Additional 2018 HSIP \$ Awarded	Additional 2019 HSIP \$ Awarded	2020 HSIP \$ Awarded	2021 HSIP \$ Awarded	Local Match (10%)	TOTAL PROJECT COST
P1	Carver County	CSAH 40	TH 25 to CSAH 50	Construct paved shoulders, rumble strips and advanced warning signs for curves			X	\$1,800,000				\$1,800,000	\$278,400	\$2,078,400
P5	Chisago County	TH 8	at CSAH 26	Construct roundabout	X			\$1,250,000				\$1,250,000	\$500,000	\$1,750,000
P7	Hennepin County	Midtown Greenway	James Ave to Minnehaha Ave	Trail crossing, durable high-visibility crosswalks, raised medians, curb extensions, ADA, construct sidewalk, signal improvements		X		\$531,000			\$531,000		\$59,000	\$590,000
P8	Hennepin County	CSAH 4 CSAH 5 CSAH 22 CSAH 28	CSAH 4 at Westgate Dr in EP CSAH 5 at 24th Ave in Mpls CSAH 22 at 49th St in Mpls CSAH 28 at 102nd St in Bloomington	durable high-visibility crosswalks, curb extensions, raised medians, ADA, flashing beacons		X		\$477,000			\$477,000		\$53,000	\$530,000
P12	MnDOT	I-35E	CR J to I-35E/I-35W Split	Install high tension cable median barrier	X			\$855,000			\$855,000		\$95,000	\$950,000
P13	MnDOT	TH 10	Mounds View to I-35W	Install continous freeway lighting	X			\$1,080,000	\$1,080,000				\$120,000	\$1,200,000
P14	MnDOT	TH 65	at Klondike Drive	Construct Reduced Conflict Intersection (RCI)	X			\$450,000				\$450,000	\$50,000	\$500,000
P17	Scott County	Multiple	Multiple	Widen and pave shoulders, add centerline and edgeline rumbles between 15 & 20 miles	X			\$1,260,000			\$1,260,000		\$140,000	\$1,400,000
R2	Anoka County	CSAH 8 (Osborne Rd)	TH 47 to TH 65	Road diet, turn lanes, medians, ped islands			X	\$893,700				\$893,700	\$99,300	\$993,000
R3	Anoka County	CSAH 18 (Broadway Av)	CR 19 to CSAH 62	Widen shoulders, add right turn lanes, bypass lanes and overlay	X			\$990,000		\$990,000			\$110,000	\$1,100,000
R7	Dakota County	TH 3	at 170th St	Construct roundabout	X			\$1,774,571			\$1,774,571		\$197,174	\$1,971,745
R8	Elko New Market	CSAH 2	at CSAH 91	Construct multi-lane roundabout	X			\$1,792,800			\$1,792,800		\$199,200	\$1,992,000
R9	Hennepin County	CSAH 5 (Franklin Ave)	at Chicago Ave	Signal rebuild, retiming, additional heads, exclusive left turn phasing, ped improvements			X	\$486,000				\$486,000	\$54,000	\$540,000
R10	Hennepin County	CSAH 81 (West Broadway)	at Lyndale Ave	Signal rebuild, retiming, additional heads, exclusive left turn phasing, ped improvements			X	\$549,000				\$549,000	\$61,000	\$610,000
R11	Maplewood	Roselawn Ave	CSAH 58 (Edgerton St)	Construct mini-roundabout	X			\$679,500			\$679,500		\$75,500	\$755,000
R13	Minneapolis	Hennepin Harmon	Spruce Place to 13th 10th to 12th	Install mast arms on 5 signals	X			\$1,350,000				\$1,350,000	\$150,000	\$1,500,000
R15	MnDOT	Multiple locations	I-694, TH 100, TH 77, I-494, Freeway Ramps	Apply high friction treatment	X			\$1,219,500			\$1,219,500		\$135,500	\$1,355,000
R18	MnDOT	TH 8	at Deer Garden Lane	Construct dedicated left turn lane for EB traffic	X			\$585,000				\$585,000	\$65,000	\$650,000
R19	MnDOT	TH 8	I-35 to WI State Line	Install 6" wet reflective striping	X			\$450,000			\$450,000		\$50,000	\$500,000
R22	Ramsey County	CSAH 44 (Silver Lake Rd)	at Rice Creek Regional Trail and MN Commercial RR Crossing	Construct gates, ped ramps, refuge median	X			\$325,112			\$325,112		\$36,124	\$361,236
R23	Scott County	CSAH 2	at CSAH 15	Construct roundabout			X	\$1,575,000				\$1,575,000	\$175,000	\$1,750,000
R24	Dakota County	TH 3	at 200th Street	Construct southbound left turn lane	X			\$427,572				\$427,572	\$47,508	\$475,080
								\$20,800,755	\$1,080,000	\$990,000	\$9,364,483	\$9,366,272	\$2,750,706	\$23,551,461

BUDGET

\$20,700,000

\$1,000,000

\$1,100,000

\$9,300,000

\$9,300,000

2020 / 2021 HSIP **UNFUNDED** PROJECTS LIST

12/7/2016

Project #	Submitting Agency	Roadway	Location	Project Description	Funding Year Requested			HSIP Amount Requested	Local Match (10%)	Total Project Cost
					Any	2020	2021			
R4	Anoka County	CSAH 76, CSAH 36 (Fawn Lake Dr)	East Typo Dr to East County Line	Widen shoulders, add right turn lanes, bypass lanes and overlay	X			\$1,170,000	\$130,000	\$1,300,000
R1	Anoka County	CSAH 1 (Coon Rapids Blvd)	CSAH 78 to Egret Blvd	Widen to 6 lanes and overlay	X			\$1,170,000	\$130,000	\$1,300,000
P2	Chisago County	CSAH 23	at CSAH 24	Construct roundabout	X			\$750,000	\$250,000	\$1,000,000
P3	Chisago County	CSAH 26	TH 8 to CSAH 37	Reconstruct roadway alignment, add paved shoulders, install new 6" striping	X			\$450,000	\$50,000	\$500,000
P4	Chisago County	TH 95	at CR 70	Reconstruct CR 70 approach, install new lighting, signing, and striping	X			\$500,000	\$250,000	\$750,000
P6	Dakota County	CSAH 32	CSAH 43 to TH 3	Add left and right turn lanes and rumble strips		X		\$1,800,000	\$200,000	\$2,000,000
R5	Dakota County	CSAH 6 (Thompson Ave)	at CSAH 73 (Oakdale Ave)	Construct roundabout		X		\$1,395,000	\$155,000	\$1,550,000
R6	Dakota County	CSAH 47 (Northfield Blvd)	at CSAH 62 (190th St)	Remove intersection skew, add turn lanes		X		\$810,000	\$90,000	\$900,000
P10	Hennepin County	CSAH 10, 57, 61	Total 16.6 miles	ATMS to monitor and coordinate 41 traffic signals		X		\$1,134,000	\$126,000	\$1,260,000
P9	Hennepin County	CSAH 1, 3, 5	Total 23.1 miles	ATMS to monitor and coordinate 68 traffic signals		X		\$1,773,000	\$197,000	\$1,970,000
P11	Minneapolis	Johnson St	Johnson St from 23rd Ave to 33rd Ave and Lowry/Hayes intersection	Install mast arms at 7 existing signals	X			\$1,755,000	\$195,000	\$1,950,000
R12	Minneapolis	38th Street	1st Ave to 13th Ave	Install mast arms on 6 signals	X			\$1,485,000	\$165,000	\$1,650,000
R14	Minneapolis	Park Ave Portland Ave	at 9th and at 10th at 9th Street	Install mast arms on 3 signals	X			\$900,000	\$100,000	\$1,000,000
P15	MnDOT	I-494	Minnesota River to TH 3	Install continuous freeway lighting	X			\$1,620,000	\$180,000	\$1,800,000
P16	MnDOT	I-694	TH 61 to CSAH 10	Install continuous freeway lighting	X			\$1,800,000	\$200,000	\$2,000,000
R17	MnDOT	TH 12	at CSAH 90	Construct multi-lane roundabout		X		\$1,800,000	\$200,000	\$2,000,000
R20	Ramsey County	CSAH 10 (Mounds Blvd)	at CR H2	Replace traffic signal		X		\$508,140	\$56,460	\$564,600
R21	Ramsey County	CSAH 51 (Lexington Ave)	at CSAH 78 (CR B2)	Replace traffic signal, add turn lane	X			\$1,796,566	\$199,618	\$1,996,184
P19	Saint Paul	Cretin Ave	Marshall to Beverly Rd	Construct sidewalk on west side of roadway and ped refuges	X			\$450,000	\$50,000	\$500,000
P20	Saint Paul	Minnehaha Ave	at Earl, Forest and Ruth	Replace three traffic signals and install mast arms			X	\$495,000	\$55,000	\$550,000
P21	Saint Paul	University Ave	Emerald to Marion St	Install 15 RRFBs at pedestrian crossings to/from LRT Green Line		X		\$1,350,000	\$150,000	\$1,500,000
P18	Scott County	Multiple	See table in submittal	Construct between 12 and 16 turn lanes on high speed country roads	X			\$990,000	\$110,000	\$1,100,000
Total								\$23,561,706	\$2,979,078	\$26,540,784

Recommended HSIP Projects **DRAFT**






Proactive Projects:

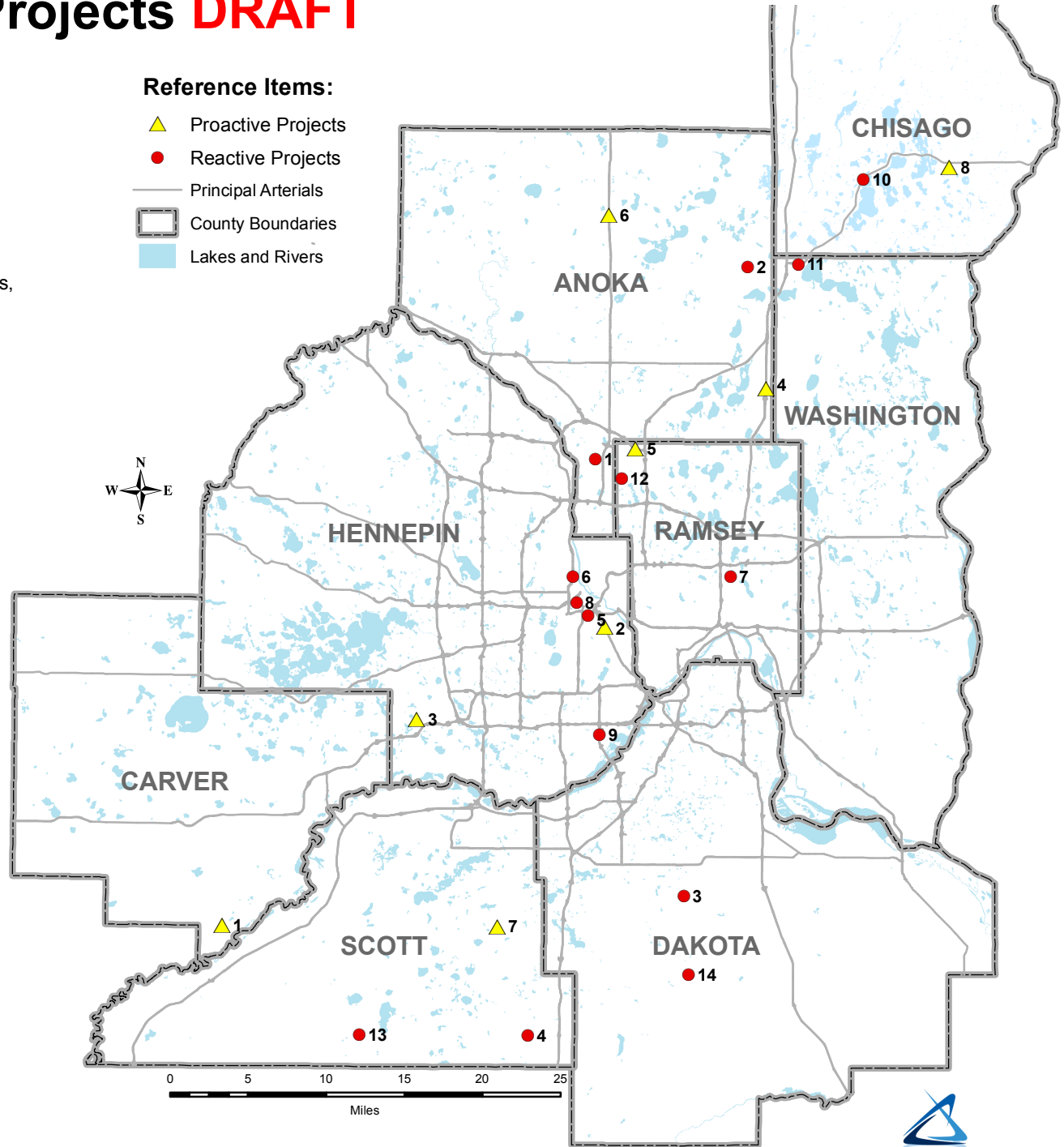
- 1) On County Rd 40 construct paved shoulders, rumble strips, and advanced warning signs for curves in San Francisco Twp
- 2) On the Midtown Greenway implement trail crossing, durable high-visibility crosswalks, raised medians, curb extensions, ADA, construct sidewalk, signal improvements in Minneapolis
- 3) On multiple roads implement durable high-visibility crosswalks, curb extensions, raised medians, ADA, and flashing beacons in Eden Prairie, Minneapolis, and Bloomington
- 4) On I-35E install high tension cable median barrier in Lino Lakes
- 5) On US 10 install continuous freeway lighting in Moundsview
- 6) On MN 65 construct Reduced Conflict Intersection (RCI) in East Bethel
- 7) On multiple roadways widen and pave shoulders, add centerline and edgeline rumbles between 15 & 20 miles in Scott County
- 8) On US 8 construct roundabout in Chisago County

Reactive Projects:

- 1) On Osbourne Rd implement road diet, turn lanes, medians, and pedestrian islands in Fridley
- 2) On Broadway Ave widen shoulders, add right turn lanes, bypass lanes, and overlay in Columbus
- 3) On MN 3 construct roundabout in Empire Twp
- 4) On 260th St construct multi-lane roundabout in Elko New Market
- 5) On Franklin Ave implement signal rebuild, retiming, additional heads, exclusive left turn phasing, and pedestrian improvements in Minneapolis
- 6) On West Broadway Ave implement signal rebuild, retiming, additional heads, exclusive left turn phasing, and pedestrian improvements in Minneapolis
- 7) On Roselawn Ave construct mini-roundabout in Maplewood
- 8) On Hennepin Ave and Harmon PI install mast arms on 5 signals in Minneapolis
- 9) In multiple locations apply high friction treatment to freeway ramps
- 10) On US 8 construct dedicated left turn lane for EB traffic in Chisago County
- 11) On US 8 install 6" wet reflective striping in Forest Lake
- 12) At Rice Creek Regional Trail and MN commercial RR crossing, construct gates, ped ramps, and a refuge median in New Brighton
- 13) On 260th St construct roundabout in Helena Twp
- 14) On MN 3 construct southbound left turn lane in Farmington

Reference Items:

-  Proactive Projects
-  Reactive Projects
-  Principal Arterials
-  County Boundaries
-  Lakes and Rivers



12/7/2016

