

ACTION TRANSMITTAL No. 2015-27

DATE: April 28, 2015

TO: TAC Funding and Programming Committee

PREPARED BY: Joe Barbeau, Senior Planner (651-602-1705)

SUBJECT: 2014 HSIP Solicitation Project Selection

REQUESTED ACTION: MnDOT requests approval of the attached 27 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation, to be included in the draft 2016-2019 TIP.

RECOMMENDED MOTION: Recommend that TAB approve the attached 27 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation, to be included in the draft 2016-2019 TIP.

BACKGROUND AND PURPOSE OF ACTION: The Highway Safety Improvement Program (HSIP) is a core federal program defined in MAP-21. 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. This amendment is significant as it would fulfill a part of this obligation.

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 in 2017-2019. The attached projects, if approved, will be included in the 2016-2019 TIP due to be released for public comment in June. The attached proposed program shows over-programming of \$204,158 and a total budget of \$24,000,000, rendering over-programming below 1%.

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. It is the TAB's responsibility to adopt and amend the TIP according to these four requirements. Fiscal constraint is met because the funds had already been established for HSIP projects. Each project is consistent with the Transportation Policy Plan and exempt from air quality conformity analysis. 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 projects for inclusion in the draft 2016-2019 TIP.

ROUTING

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

Projects recommended for funding

2017 / 2018 / 2019 HSIP

REACTIVE Projects List

3/19/2015

Project #	Submitting Agency	Roadway	Location	Project Description	B/C	Funding Year Requested				Original HSIP Amount Requested	Reactive Projects			Local Match (10%)	TOTAL PROJECT COST
						Any	2017	2018	2019		2017 HSIP \$ Awarded (4% Inflation included)	2018 HSIP \$ Awarded (6% Inflation included)	2019 HSIP \$ Awarded (8% Inflation included)		
R14	Minneapolis	6th Street South	from 1st Ave to Portland Ave	Install mast arms at 5 existing signals (1st Av, Hennepin Av, 3rd Av, 5th Av, Portland Av)	15.30			X		\$990,000		\$1,049,400		\$116,600	\$1,166,000
R15	Minneapolis	7th Street South	from 3rd Ave to 11th Ave	Install mast arms at 6 existing signals (3rd, 5th, Portland, Park, Chicago, 11th)	10.87		X			\$1,575,000	\$1,638,000			\$182,000	\$1,820,000
R19	Hennepin County	CSAH 17	at TH 62	Replace 2 ramp signals, remove free right turn, construct additional left turn storage, FYA, Blue lights	8.60				X	\$945,000			\$1,020,600	\$113,400	\$1,134,000
R16	Minneapolis	8th Street 11th Ave	8th St @ 9th Ave; 8th St @ 11th Ave; 11th Ave @ 14th St	Install mast arms at 3 existing signals	6.28	X				\$990,000		\$1,049,400		\$116,600	\$1,166,000
R22	MnDOT	I-35	from CSAH 1 (Rush City) to Pine CL	Install cable median barrier	6.20		X			\$576,000	\$599,040			\$66,560	\$665,600
R11	Ramsey County	CSAH 31	at CSAH 58	Construct left turn lanes, replace signal, APS, countdown timers	5.96				X	\$943,155			\$1,018,607	\$113,179	\$1,131,786
R18	Carver County	CSAH 33	at CSAH 34	Construct Roundabout	5.17	X				\$1,404,360			\$1,516,709	\$168,523	\$1,685,232
R8	Dakota County	CSAH 31	Northland Dr and Mendota Height Rd	Construct 3/4 Access and Left turn lanes	4.75		X			\$675,000	\$702,000			\$78,000	\$780,000
R17	Chisago County	CSAH 19	CSAH 28 (Falcon Ave) to 1/4 mile west	Reconstruct horizontal alignment, add turn lanes, pave shoulders	4.60			X		\$450,000		\$477,000		\$53,000	\$530,000
R5	Scott County	CSAH 27	at CSAH 68	Construct Roundabout	4.54			X		\$900,000		\$954,000		\$106,000	\$1,060,000
R10	Ramsey County	CSAH 45	at CSAH 10	Construct left turn lanes, replace signal, APS, countdown timers	3.15		X			\$303,500	\$315,640			\$35,071	\$350,711
R9	Dakota County	CSAH 38	CSAH 31 to TH 3	Convert 2-Lane to 3-Lane Road	3.08			X		\$1,080,000		\$1,144,800		\$127,200	\$1,272,000
R23	MnDOT	TH 212	from CSAH 11 to Powers Blvd	Install cable median barrier	2.96		X			\$1,306,800	\$1,359,072			\$151,008	\$1,510,080
R21	Hennepin County	CSAH 15	at CSAH 19	Replace signal, remove free right turn, construct sidewalk, develop LTL on CSAH 19	2.86	X				\$607,500	\$631,800			\$70,200	\$702,000
R4	Scott County	CSAH 46	at CSAH 86	Construct Roundabout	2.86			X		\$810,000		\$858,600		\$95,400	\$954,000
R7	Columbia Heights	TH 65	47th Ave to 50th Ave	Restrict median opening to 3/4, Lighting on both sides, reconstruct sidewalk, ped ramps, no ped crossing signs	2.74	X				\$801,900			\$866,052	\$96,228	\$962,280
R12	Anoka County	CSAH 17	at CSAH 18	Construct new signal, convert bypass lane to left turn lane on CSAH 17	2.40	X				\$810,000			\$874,800	\$97,200	\$972,000
											\$5,245,552	\$5,533,200	\$5,296,768	\$1,786,169	\$17,861,689
Budget											\$5,600,000	\$5,600,000	\$5,600,000		

Projects recommended for funding

2017 / 2018 / 2019 HSIP

PROACTIVE Projects List

3/19/2015

Project #	Submitting Agency	Roadway	Location	Project Description	Funding Year Requested				Original HSIP Amount Requested	Proactive Projects			Local Match (10%)	TOTAL PROJECT COST
					Any	2017	2018	2019		2017 HSIP \$ Awarded (4% Inflation included)	2018 HSIP \$ Awarded (6% Inflation included)	2019 HSIP \$ Awarded (8% Inflation included)		
P14	MnDOT	Various	Metro wide	Install signs for on horizontal curves to comply with new MMUTCD standards	X				\$450,000		\$477,000		\$53,000	\$530,000
P2	St. Paul	Grand Ave	from Hamline to Victoria	Ped / Bike Safety improvements	X				\$630,000		\$667,800		\$74,200	\$742,000
P1	Scott County	Various	Various locations	Construct turn lanes				X	\$1,485,000			\$1,603,800	\$178,200	\$1,782,000
P6	Minneapolis	City Streets	City Streets	Install green thermoplastic bike lanes and white dashed poly at intersection approaches	X				\$162,000		\$171,720		\$19,080	\$190,800
P7	Minneapolis	Como Av 7th St	Como Av: 12th Av to 15th Av 7th St: Carew Dr to 13th Av	Install ped curb extensions (8 intersections)	X				\$747,000		\$791,820		\$87,980	\$879,800
P5	Anoka County	CSAH 78	from CSAH 1 to CSAH 14	Signal interconnect (16 signals)	X				\$360,000		\$381,600		\$42,400	\$424,000
P13	Hennepin County	Various	CSAH's 17, 61, 81, 130, 152	Purchase ATMS to monitor and coordinate 81 traffic signals, fiber interconnect 10 miles		X			\$1,440,000	\$1,497,600			\$166,400	\$1,664,000
P19	MnDOT	TH 169	from TH 21 to TH 41	Install cable median barrier		X			\$1,242,000	\$1,291,680			\$143,520	\$1,435,200
P11	Carver County	TH 212	at CSAH 34 and CSAH 43	Install RICWS and lighting at both intersections	X				\$253,350			\$273,618	\$30,402	\$304,020
P17	MnDOT	TH 212	at CSAH 41 and CSAH 36 (east Jct)	Construct 2 RCI intersections	X				\$900,000			\$972,000	\$108,000	\$1,080,000
										\$2,789,280	\$2,489,940	\$2,849,418	\$903,182	\$9,031,820
Budget										\$2,400,000	\$2,400,000	\$2,400,000		