

**Information Item**

**DATE:** April 14, 2015  
**TO:** TAC Funding and Programming Committee  
**PREPARED BY:** Joe Barbeau, Senior Planner (651-602-1705)  
**SUBJECT:** 2014 HSIP Solicitation Project Ranking

Attached to this item are a summary memo from the Minnesota Department of Transportation and three lists showing 2017-2019 Highway Safety Improvement Program (HSIP) applications. The lists highlight: proposed funded “reactive” projects, proposed funded “proactive” projects, and proposed unfunded projects.

These projects will be brought back to the Funding & Programming Committee in May for a recommendation to TAB. TAC will address this issue at its June meeting and TAB will make the final decision on the HSIP program at its June meeting.



Minnesota Department of Transportation  
Metro District - Traffic Engineering  
1500 West County Road B2  
Roseville, MN 55113

4/16/2015

HSIP funding is intended for roadway construction and reconstruction projects designed to decrease the frequency and/or severity of vehicular crashes, specifically fatal and serious injury crashes. These crashes can involve pedestrians, bicycles, and other non-motorized vehicles. HSIP funded projects make impacts throughout the network (at multiple locations) or a corridor based approach.

The amount of funding available for this 2014 Metro District solicitation is \$24.0 million (inflation included) for SFY 2017, 2018, 2019. The object of the program is to identify, implement, and evaluate cost effective safety projects focused on reducing fatal and serious injury crashes.

MnDOT; Anoka, Carver, Chisago, Dakota, Hennepin, Ramsey, Scott, and Washington Counties; and the state aid eligible Cities and Towns within these Counties were eligible applicants. The maximum federal funding is 90% of eligible total project costs up to \$2,000,000, with a cap of \$1,800,000 federal funds. A minimum local match of 10% of the total project cost is required. The project must be a permanent improvement. Right-of-way (R/W) costs are not eligible.

**Proactive Projects:** For MnDOT Metro District and the Metro Counties, their Road Safety Plans were the starting point for selecting projects for this solicitation. For State and County roads, projects that originate from a Road Safety Plan were given priority. For City streets, Cities could propose strategies similar to what is in their County Safety Plan if applicable, or focus on types of crashes identified in the solicitation.

**Reactive Projects:** The benefit/cost (B/C) ratio was utilized to prioritize the reactive projects.

There were 42 applications submitted. A review committee was established which consisted of MnDOT, County, and City staff to review all 42 applications. As stated in the application, priority was given to applications that are making impacts throughout the network (at multiple locations) or a corridor based approach. Projects that did not address network/corridor solutions ranked lower. There are 27 applications recommended for funding.

The project lists recommended for funding is attached.

HSIP contacts at MnDOT are Lars Impola (651-234-7820) [lars.impola@state.mn.us](mailto:lars.impola@state.mn.us) or Gayle Gedstad (651-234-7815) [gayle.gedstad@state.mn.us](mailto:gayle.gedstad@state.mn.us)

An Equal Opportunity Employer



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		

2017 / 2018 / 2019 HSIP **UNFUNDED** PROJECTS LIST

3/19/2015

Project #	Submitting Agency	Roadway	Location	Project Description	Reactive Projects				
					Any year	2017	2018	2019	B/C
R2	Scott County	TH 19	at CSAH 89	Construct Roundabout				\$1,170,000	2.38
R3	Scott County	CSAH 8	at TH 13	Construct Roundabout			\$1,170,000		2.32
R1	Scott County	CSAH 2	at CSAH 15	Construct Roundabout			\$810,000		1.96
R13	Anoka County	CSAH 14	between 7th St (CSAH 7) and Wedgewood Drive in Anoka	Construct TWLTL, replace signal at 9th Ave, install interconnect	\$1,620,000				1.41
R20	Hennepin County	CSAH 115	at TH 55	Replace existing signal, construct SB dualLTL, construct center raised median on CSAH 115			\$1,800,000		1.12
R6	Fridley	CSAH 8	at University Service Road	Construct Roundabout	\$1,416,960				1.06
TOTAL					\$3,036,960	\$0	\$3,780,000	\$1,170,000	
TOTAL					<b>\$7,986,960</b>				

Project #	Submitting Agency	Roadway	Location	Project Description	Proactive Projects			
					Any year	2017	2018	2019
P10	Chisago County	CSAH 23 Chisago Blvd	at CSAH 27 (Morgan Ave)	Construct LTL's and RTL's on CSAH 23, construct RTL on SB CSAH 27		\$270,000		
P15	MnDOT	TH 10	from I-35W to University Ave	Install new freeway lighting	\$1,395,000			
P8	Chisago County	CSAH 4	at CSAH 10	Realign Skogman Lake Rd to eliminate offset T int's, construct turn lanes on CSAH 10, Intersection lighting			\$360,000	
P9	Chisago County	CSAH 26	north of TH 8	Realign CSAH 26 to lessen horizontal curve, add paved shoulders		\$450,000		
P4	Anoka County	CSAH 12	CR 53	Construct Roundabout	\$990,000			
P3	Andover	Crosstown Blvd	at Nightingale Street	Construct Roundabout	\$1,800,000			
P16	MnDOT	TH 282	at Creek Lane in Jordan	Construct Roundabout	\$1,350,000			
P12	Carver County	CSAH 17	at Park Road	Install RRFB	\$22,500			
P18	MnDOT	TH 101	from Crow River Bridge to Mississippi River Bridge	Install Cable median barrier, <b>Project withdrew, not in Metro's Funding Area</b>	\$768,600			
TOTAL					\$6,326,100	\$720,000	\$360,000	\$0
TOTAL					<b>\$7,406,100</b>			