

# Action Transmittal

Transportation Advisory Board



**Meeting Date:** October 20, 2022

**Date:** October 13, 2022

## Action Transmittal: 2022-47

2022 Highway Safety Improvement Program Project Selection

**To:** TAC Funding & Programming Committee

**Prepared By:** Joe Barbeau, Senior Planner, phone 651-602-1705

Steve Peterson, Manager of Highway Planning and TAB/TAC Process

### Requested Action

MnDOT requests approval of the attached 38 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation.

### Recommended Motion

That the TAC Funding & Programming Committee recommend that TAC recommend to TAB approval of the attached 38 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation and inclusion of all Urbanized Area projects in the draft 2024-2027 TIP.

### Summary

MnDOT conducts a semi-annual Highway Safety Improvement Program (HSIP) solicitation that coincides with the Council's Regional Solicitation.

### Background and Purpose

The Highway Safety Improvement Program (HSIP) is a core federal funding program 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. 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.

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 primarily in 2026 and 2027, though the recent influx of funding from the Infrastructure Investment and Jobs Act (IIJA) helps increase the overall available funding, including roughly \$17.4M in 2024 and 2025. The overall funding available is about \$62.8M, roughly double that of the 2020 HSIP solicitation. The attached projects (not including two projects located in Chisago County), if approved, will be included in the 2024-2027 TIP to be released for public comment in May 2023.

Scores and rankings are shown in the attachment. On each of the two lists of funded projects (Proactive and Reactive) is a dark line indicating the likely funding line had the pre-IIJA funding amount been available. This indicates that 19 projects (11 proactive and eight reactive) would have been funded with previously assumed funding availability.

### 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 tests: fiscal constraint; consistency with the adopted regional transportation plan; 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 38 projects for funding through the HSIP solicitation and inclusion of all Urbanized Area projects in the draft 2024-2027 TIP. HSIP funds are awarded by MnDOT district. MnDOT’s Metro District includes Chisago County, along with the seven-county metro area. Two projects selected through this process, P11 and P12, are located in Chisago County, bringing the total HSIP projects awarded funding to 40. Due to the location of these projects, they do not need MPO approval as part of this action item and will not be included in region’s TIP.

### Routing

To	Action Requested	Date Scheduled / Completed
TAC Funding & Programming Committee	Review & Recommend	October 20, 2022
Technical Advisory Committee	Review & Recommend	November 2, 2022
Transportation Advisory Board	Review & Adopt	November 16, 2022



# 2026 / 2027 HSIP Projects (Proactive)

10/10/2022

The projects down to red line are FUNDED:

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING				Local Match (10%)	TOTAL PROJECT COST	POINTS						TOTAL POINTS (1,000)	Project #
						2024 HSIP \$ Awarded	2025 HSIP \$ Awarded	2026 HSIP \$ Awarded	2027 HSIP \$ Awarded			Connection to SHSP (100)	Cost per exposure (300)	Correctable F and A Crashes (100)	Crash Modification Factor (200)	Part of a Plan (200)	Ped and Bike Safety (100)		
P19	Minneapolis	Bloomington Ave Minnehaha Pkwy	at 36th Ave & 36th Ave at Bloomington Ave & 28th Ave	Traffic signal replacement; signal visibility, APS, Ped improvements; ADA ramp upgrades, curb extensions or ped medians	\$1,980,000			\$1,980,000		\$220,000	\$2,200,000	80	300	0	154	100	90	724	P19
P14	Hennepin County	CSAH 17 (France Ave)	at various intersections between 62nd and 44th Streets	Curb extensions; ADA; roadway modifications; and/or signal revisions	\$2,000,000			\$2,000,000		\$650,000	\$2,650,000	100	150	14	146	200	100	710	P14
P13	Hennepin County	CSAH 3 CSAH 43	from Knox Ave to Emerson Ave	Curb extensions; ADA; roadway modifications; and/or signal revisions	\$2,000,000	\$2,000,000				\$1,020,000	\$2,020,000	100	79	50	146	200	100	675	P13
P7	Carver County	County wide 1	County wide	Install enhanced pavement marking safety improvements	\$810,000	\$810,000				\$90,000	\$900,000	100	300	64	98	100	0	662	P7
P25	MnDOT	TH 7	from TH 41 to CR 19 (Oak St) in Shorewood and from I-494 to Shady Oak Rd	Install cable median barrier	\$990,000				\$990,000	\$110,000	\$1,100,000	65	250	14	200	100	0	629	P25
P15	Hennepin County	CSAH 102 (Douglas Dr)	at various intersections between CSAH 70 and 51st Pl. in Crystal	Curb extensions; medians; sidewalk; storm water, roadway, signals, ADA	\$2,000,000			\$2,000,000		\$1,420,000	\$3,420,000	100	95	10	117	200	95	617	P15
P16	Hennepin County	CSAH 152 (Brooklyn Blvd)	at Welcome Ave in Brooklyn Park	Curb extensions; ADA, roadway modifications, signal, lighting	\$1,872,000			\$1,872,000		\$208,000	\$2,080,000	50	132	37	100	200	95	614	P16
P21	Ramsey County	CSAH C (CSAH 23)	from Lexington Av to Little Canada Road in Roseville	Road diet, 4 to 3 lane conversion; signal and ped enhancements	\$2,000,000		\$2,000,000			\$1,000,000	\$3,000,000	80	84	10	156	200	70	600	P21
P8	Carver County	County wide 2	County wide	Rural intersection lighting	\$450,000		\$450,000			\$50,000	\$500,000	100	128	100	144	100	10	582	P8
P17	Hennepin County	CSAH 33 (Park Ave) CSAH 35 (Portland Ave)	from 42nd St to 38th St in Minneapolis	Bikeway enhancements, curb, traffic calming, stormsewer, signals, ADA	\$2,000,000			\$2,000,000		\$1,030,000	\$3,030,000	90	54	5	117	200	100	566	P17
P4	Anoka County	CSAH 23 (Lake Drive)	at CSAH 62 (Kettle River Blvd)	Construct roundabout; close two street connections; construct turn lanes	\$2,000,000			\$2,000,000		\$500,000	\$2,500,000	75	71	5	148	200	45	544	P4
P3	Anoka County	CSAH 6 (Mississippi St)	at CSAH 35 (Central Ave)	Mini-Roundabout	\$1,170,000	\$1,170,000				\$130,000	\$1,300,000	40	108	0	150	200	42	540	P3
P12	Chisago County	CSAH 19	at CSAH 24	Roundabout	\$1,000,000	\$1,000,000				\$1,400,000	\$2,400,000	50	29	10	148	200	45	482	P12
P20	Minneapolis	E Line BRT Route	Upton Av at 43rd St Xerxes Av at 44th St Vincent Av at 44th St Richfield Road at 36th St	Traffic signal replacement; signal visibility, APS, Ped improvements; ADA ramp upgrades, curb extensions	\$1,980,000	\$1,980,000				\$220,000	\$2,200,000	55	74	0	154	100	97	480	P20
P11	Chisago County	CSAH 14	at Hemingway Ave	Roundabout	\$1,000,000			\$1,000,000		\$1,200,000	\$2,200,000	25	49	5	150	200	45	474	P11
P22	Washington County	CSAH 18 (Bailey Rd)	at Settlers Ridge Parkway / Cottage Grove Drive	Roundabout	\$2,000,000				\$2,000,000	\$1,683,000	\$3,683,000	25	43	5	150	200	45	468	P22
P6	Carver County	CSAH 40	Between CSAH 50 and CSAH 52	Shoulder widening; safety edge; curve realignment; curve warning system; enhanced signing and pavement markings	\$2,000,000			\$2,000,000		\$2,910,400	\$4,910,400	90	20	0	138	200	10	458	P6
P18	Minneapolis	26th Street 28th Street	5 intersections on 26th St 6 intersections on 28th St	Unsignalized safety improvements; ADA ramp upgrades, curb extensions and/or ped medians, bike buffer medians	\$1,350,000		\$1,350,000			\$150,000	\$1,500,000	75	65	14	94	100	100	448	P18
P23	Woodbury	Lake Road	from Blue Ridge Drive to Cherry Lane in Woodbury	4 to 3 lane conversion (2.3 miles) ADA, Ped bump outs	\$2,000,000		\$2,000,000			\$1,000,000	\$3,000,000	55	104	5	98	100	70	432	P23
P2	Anoka County	CSAH 6 (Mississippi St)	at 7th Street	Mini-Roundabout	\$1,080,000		\$1,080,000			\$120,000	\$1,200,000	40	90	0	150	100	42	422	P2
P1	Andover	Nightingale St	at Veterans Memorial Blvd	Roundabout	\$1,035,000			\$1,035,000		\$115,000	\$1,150,000	15	115	0	150	100	39	419	P1

# 2026 / 2027 HSIP Projects (Proactive)

10/10/2022

The projects down to red line are FUNDED:

## HSIP FUNDING

## POINTS

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING				Local Match (10%)	TOTAL PROJECT COST	POINTS						TOTAL POINTS (1,000)	Project #
						2024 HSIP \$ Awarded	2025 HSIP \$ Awarded	2026 HSIP \$ Awarded	2027 HSIP \$ Awarded			Connection to SHSP (100)	Cost per exposure (300)	Correctable F and A Crashes (100)	Crash Modification Factor (200)	Part of a Plan (200)	Ped and Bike Safety (100)		
P24	Woodbury	Woodlane Drive	from Valley Creek Road to Lake Road in Woodbury	4 to 3 lane conversion (1.5 miles) Pavement pres, ADA, Ped bump outs	\$1,000,000			\$1,000,000		\$2,000,000	\$3,000,000	50	69	5	98	100	70	392	P24
P28	MnDOT	TH 95	at CSAH 18 (Bailey Rd / 40th St) in Afton / Woodbury	Roundabout	\$2,000,000			\$2,000,000		\$1,084,640	\$3,084,640	25	76	0	148	100	40	389	P28
						\$6,960,000	\$6,880,000	\$11,015,000	\$10,862,000										

The projects below are NOT funded:

P27	MnDOT	TH 95	at CSAH 22 (70th St) in Cottage Grove / Denmark Twp	Roundabout	\$2,000,000					\$1,084,640	\$3,084,640	40	38	14	148	100	45	385	P27			
P26	MnDOT	TH 95	at TH 243 in Shafer / Franconia Twp	Roundabout	\$2,000,000					\$1,616,367	\$3,616,367	25	42	0	148	100	45	360	P26			
P9	Carver County	CSAH 11 (Jonathan Carver Pkwy)	at CSAH 44 (Big Woods Blvd)	Roundabout	\$2,000,000					\$2,473,750	\$4,473,750	25	27	0	148	100	45	345	P9			
P5	Anoka County	CSAH 23 (Lake Drive)	at Elm Street	Roundabout	\$1,890,000	This project switched out for project R32.				\$210,000	\$2,100,000	25	124	0	100	200	34	483	P5			
P10	Carver County	TH 5	at CSAH 11 west junction	Roundabout	\$2,000,000	This project funded through Met Council and TAB's Regional Solicitation				\$1,000,000	\$3,000,000	25	69	5	148	200	45	492	P10			
						\$45,607,000					\$24,695,797	\$69,302,797										

Note: Thick black underlines in each list indicate approximate funding lines before IJA increases.

# 2026 / 2027 HSIP Projects (Reactive)

10/10/2022

The projects down to red line are FUNDED:

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING				Local Match (10%)	TOTAL PROJECT COST	POINTS				TOTAL POINTS (1,000)	Project #
						2024 HSIP \$ Awarded	2025 HSIP \$ Awarded	2026 HSIP \$ Awarded	2027 HSIP \$ Awarded			B / C Points (600)	Meets Intent of HSIP Program Points (200)	Correctable F and A crashes Points (100)	Ped and Bike Safety Points (100)		
R14	Dakota County	CSAH 86 (280th Street)	at TH 56	Roundabout	\$1,718,640			\$1,718,640		\$190,960	\$1,909,600	600	176	34	40	850	R14
R28	MnDOT	I-494	from Minnesota River bridge to TH 3	Install continuous lighting	\$1,890,000			\$1,890,000		\$210,000	\$2,100,000	422	160	100	15	697	R28
R12	Columbia Heights	TH 65	from 43rd Ave to 47th Ave	Continuous street lighting, improved sidewalk, ADA curb ramps, crosswalk markings	\$2,000,000		\$2,000,000			\$790,200	\$2,790,200	330	160	50	100	640	R12
R23	Ramsey County	University Ave (CSAH 34)	at Curfew St, LaSalle St, Lynnhurst Ave, Oxford St, Milton St, Avon St, & Farrington St	Install RRFB's at 7 locations (two crossings at each location)	\$882,000	\$882,000				\$98,000	\$980,000	116	184	67	100	467	R23
R22	Ramsey County	Dale Street	from Grand Ave to Iglehart Ave in St. Paul	4 to 3 lane conversion	\$900,000			\$900,000		\$100,000	\$1,000,000	212	152	17	70	451	R22
R31	MnDOT	TH 55	at 46th Street	Ped refuge, bumpouts, smart channels for bikes?	\$900,000			\$900,000		\$100,000	\$1,000,000	94	176	34	100	404	R31
R13	Dakota County	CSAH 86 (280th Street)	at TH 3	Roundabout	\$1,856,440			\$1,856,440		\$206,271	\$2,062,711	121	168	50	40	379	R13
R30	MnDOT	TH 65	from 1st St to 2nd St in Minneapolis	Construct bump outs and protected bikeway at intersections	\$1,350,000			\$1,350,000		\$150,000	\$1,500,000	60	176	34	100	370	R30
R29	MnDOT	TH 61	at 120th St and 122nd St from TH 95 to TH 10	Construct 2 RCI's Construct multi-use path	\$2,000,000			\$2,000,000		\$225,000	\$2,225,000	82	176	34	50	342	R29
R32	Anoka County	CSAH 7	at CR 158	Roundabout	\$1,620,000			\$1,620,000		\$180,000	\$1,800,000	110	152	34	45	341	R32
R25	MnDOT	TH 5	from Minnehaha Av to Stillwater Rd	4 to 3 lane conversion add ped facilities and intersection lighting	\$540,000			\$540,000		\$60,000	\$600,000	60	152	25	75	312	R25
R9	Carver County	CSAH 11 (Victoria Drive)	at CSAH 14 (Pioneer Trail / Marsh Lake Road)	Roundabout	\$2,000,000			\$2,000,000		\$648,600	\$2,648,600	73	152	17	45	287	R9
R27	MnDOT	TH 55	at CSAH 42 east jct	Roundabout	\$2,000,000			\$2,000,000		\$200,000	\$2,200,000	58	160	17	50	285	R27
R26	MnDOT	TH 212	from west jct TH 5 to east jct TH 5	Construct 4 RCI's Install cable median barrier	\$2,000,000			\$2,000,000		\$352,000	\$2,352,000	84	160	34	0	278	R26
R15	Hennepin County	CSAH 22 (Lyndale Ave)	from 31st St to CSAH 3 (Lake St) in Minneapolis	Sidewalk, landscaping, curb, stormsewer, curb extensions, medians, signals	\$2,000,000			\$2,000,000		\$550,000	\$2,550,000	15	136	42	70	263	R15
R5	Anoka County	CSAH 18 (Crosstown Blvd)	at CSAH 20 (161st Ave) / CR 60 (Constance Blvd)	Roundabout	\$1,440,000			\$1,440,000		\$160,000	\$1,600,000	60	144	9	45	258	R5
R17	Little Canada	Little Canada Road	at CR C / Lake Shore Ave from CR C to Country Drive	Roundabout Road Diet	\$2,000,000			\$2,000,000		\$300,000	\$2,300,000	27	152	9	70	258	R17
						\$882,000	\$2,000,000	\$10,815,080	\$13,400,000								

The projects below are NOT funded:

R21	Minneapolis	Portland Ave Park Ave	at 26th St & 28th St at 26th St & 28th St	Signal replacement, improved visibility, APS, ADA ramp upgrades, curb extensions or ped medians	\$1,620,000					\$180,000	\$1,800,000	60	120	25	50	255	R21
R20	Minneapolis	42nd Street	at Portland Ave at Park Ave	Signal replacement, improved visibility, APS, ADA ramp upgrades, curb extensions or ped medians	\$900,000					\$100,000	\$1,000,000	65	120	17	50	252	R20
R19	Minneapolis	26th Street 28th Street	at Blaisdell Av, Nicollet Av, 3rd Av at Nicollet Av	Signal replacement, improved visibility, APS, ADA ramp upgrades, curb extensions or ped medians	\$1,800,000					\$200,000	\$2,000,000	39	112	50	50	251	R19
R4	Anoka County	CSAH 14 (125th Av / Main St)	at CR 53 (Sunset Road)	Roundabout	\$1,440,000					\$160,000	\$1,600,000	35	136	17	45	233	R4

# 2026 / 2027 HSIP Projects (Reactive)

10/10/2022

The projects below are NOT funded:

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING				Local Match (10%)	TOTAL PROJECT COST	POINTS				TOTAL POINTS (1,000)	Project #
						2024 HSIP \$ Awarded	2025 HSIP \$ Awarded	2026 HSIP \$ Awarded	2027 HSIP \$ Awarded			B / C Points (600)	Meets Intent of HSIP Program Points (200)	Correctable F and A crashes Points (100)	Ped and Bike Safety Points (100)		
R7	Anoka County	CSAH 51 (University Ave)	at Egret Blvd	Reconstruct / upgrade traffic signal	\$540,000					\$60,000	\$600,000	64	88	0	70	222	R7
R11	Carver County	CSAH 40	at TH 25	Roundabout	\$2,000,000					\$751,400	\$2,751,400	31	136	9	45	221	R11
R18	Minneapolis	Bloomington Ave	at 26th Street at 28th Street	Signal replacement, improved visibility, APS, ADA ramp upgrades, curb extensions or ped medians	\$900,000					\$100,000	\$1,000,000	45	96	25	50	216	R18
R3	Anoka County	CSAH 1 (Coon Rapids Blvd)	at Pheasant Ridge Drive	Reconstruct / upgrade traffic signal	\$540,000					\$60,000	\$600,000	70	88	9	45	212	R3
R6	Anoka County	CSAH 22 (Viking Blvd)	at CR 66 (Cleary Road) in Nowthen	Roundabout	\$1,440,000					\$160,000	\$1,600,000	38	112	9	45	204	R6
R2	Anoka County	CSAH 1 (East River Rd)	at CR 132 (85th Ave)	Reconstruct / upgrade traffic signal	\$450,000					\$50,000	\$500,000	88	56	9	45	198	R2
R8	Bloomington	East Shakopee Road	at Old Cedar Ave	Turn lanes and signal rebuild	\$2,000,000					\$606,270	\$2,606,270	14	104	0	67	185	R8
R16	Hennepin County	CSAH 136 (Silver Lake Road)	at 29th Ave in St. Anthony	Roundabout (if feasible) ADA, Lighting	\$1,161,000					\$129,000	\$1,290,000	19	104	9	45	177	R16
R1	Andover	CSAH 18 (Crosstown Blvd)	at Crosstown Drive / 139th Ave	Roundabout	\$1,291,500					\$143,500	\$1,435,000	13	104	0	40	157	R1
R10	Carver County	CSAH 52	at CSAH 33 ( Sibley County CSAH 5)	Intersection realignment and street light install	\$1,082,489					\$120,276	\$1,202,765	46	80	9	15	150	R10
R24	Shakopee	Marystown Road	from Vierling Dr to TH 169	Construct 3 roundabouts Construct bike/ped shared use path over TH 169	\$2,000,000	This project funded through Met Council and TAB's Regional Solicitation				\$2,653,965	\$4,653,965	40	144	25	70	279	R24
					\$46,262,069					\$9,995,442	\$56,257,511						

Note: Thick black underlines in each list indicate approximate funding lines before IJJA increases.