

# Business Item

Transportation Committee



**Committee Meeting Date:** November 28, 2022

**For the Metropolitan Council:** December 14, 2022

## Business Item: 2022-321

2022 Highway Safety Improvement Program Project Selection

<b>District(s), Member(s):</b>	All
<b>Policy/Legal Reference:</b>	Transportation Advisory Board (TAB) Action
<b>Staff Prepared/Presented:</b>	Amy Vennewitz, Deputy Director, Finance and Planning (651-602-1508) Steve Peterson, Manager of Highway Planning (651-602-1819)
<b>Division/Department:</b>	Transportation / Metropolitan Transportation Services

### Proposed Action

That the Metropolitan Council concur with the Transportation Advisory Board (TAB) action to fund 38 projects (see Attachment 1) through the Highway Safety Improvement Program (HSIP) solicitation and include the projects in the draft 2024-2027 Transportation Improvement Program.

### Background

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 public roads. 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. MnDOT conducted a solicitation for both "proactive" and "reactive" safety 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. If approved, the projects in Attachment 1 (not including two projects located in Chisago County), will be included in the 2024-2027 TIP to be released for public comment in May 2023 (see Attachment 2 for a map of the projects).

Scores and rankings are shown in the attachment. On each of the two lists of funded projects (Proactive and Reactive) is a dark horizontal line indicating the likely funding line had the pre-IIJA funding amount been available. This indicates that new federal funding doubled the number of HSIP projects funded (an extra 19 projects).

### Rationale

The HSIP Solicitation is a key effort for both MnDOT and the TAB. Projects funded through this process focus on reducing fatal and serious injury crashes. The Solicitation is a part of the

Metropolitan Council's federally required continuing, comprehensive, and cooperative transportation planning process for the Twin Cities Metropolitan Area.

### **Thrive Lens Analysis**

This action promotes:

- Stewardship by leveraging federal dollars to support local investment
- Livability by promoting safety on the region's transportation network

### **Funding**

These projects are funded with a combination of federal, state, and local funds.



**2026 / 2027 HSIP Projects (Proactive)**

The projects down to red line are FUNDED:

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING					POINTS							
						2024 HSIP \$ Awarded	2025 HSIP \$ Awarded	2026 HSIP \$ Awarded	2027 HSIP \$ Awarded	Local Match (10%)	Total Project Cost	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)	Total Points (1,000)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
P10	Carver County	TH 5	at CSAH 11 west junction	Roundabout	\$2,000,000	Met Council and TAB's Regional Solicitation funded				\$1,000,000	\$3,000,000	25	69	5	148	200	45	492
<b>Total</b>					<b>\$45,607,000</b>	<b>\$6,960,000</b>	<b>\$6,880,000</b>	<b>\$11,015,000</b>	<b>\$10,862,000</b>	<b>\$24,695,797</b>	<b>\$69,302,797</b>	-	-	-	-	-	-	-

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

**2026 / 2027 HSIP Projects (Reactive)**

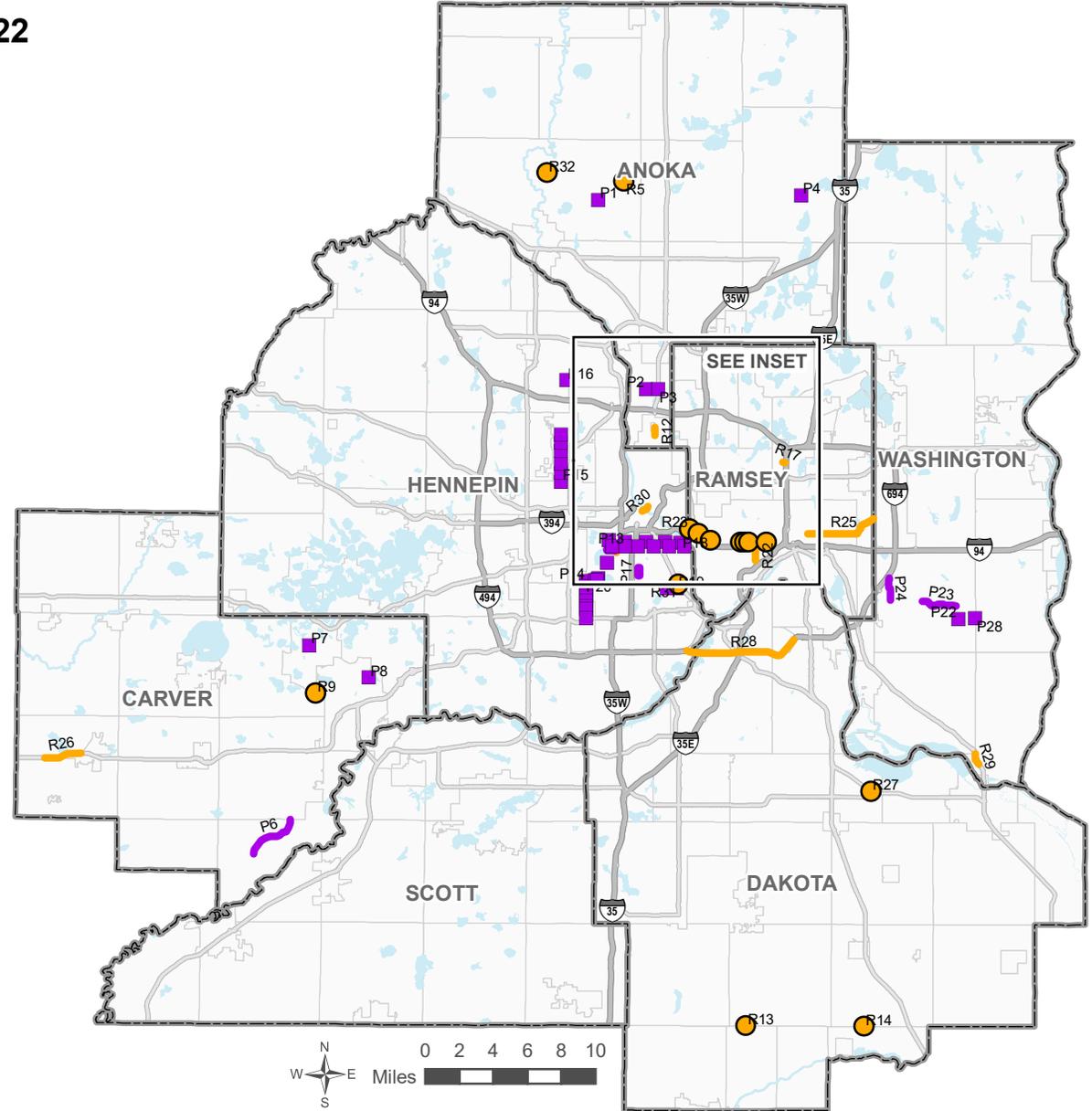
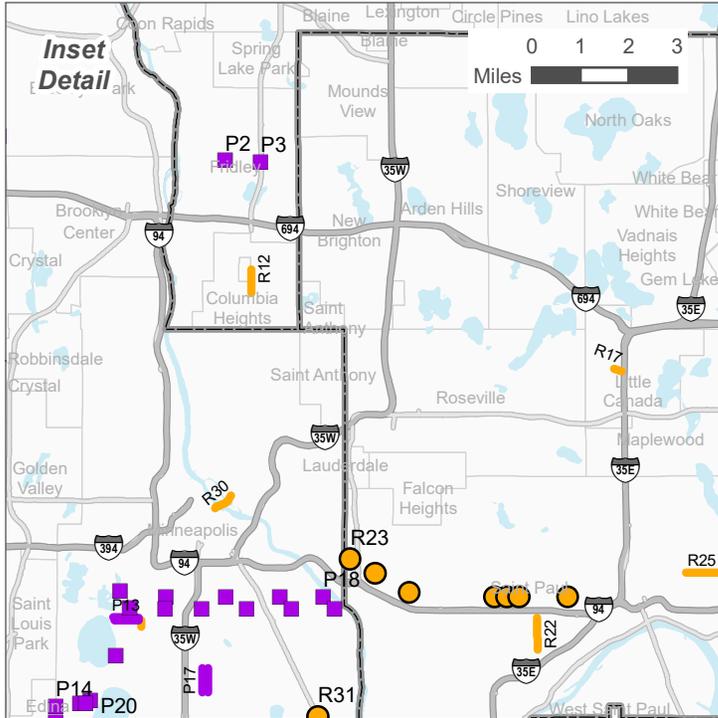
The projects down to red line are FUNDED:

Project #	Submitting Agency	Roadway	Location	Project Description	Original HSIP Amount Requested	HSIP FUNDING				Local Match (10%)	Total Project Cost	POINTS				
						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)	Total Points (1,000)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
R11	Carver County	CSAH 40	at TH 25	Roundabout	\$2,000,000					\$751,400	\$2,751,400	31	136	9	45	221
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
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
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
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
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
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
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
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
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			Met Council and TAB's Regional Solicitation funded		\$2,653,965	\$4,653,965	40	144	25	70	279
<b>Total</b>					<b>\$46,262,069</b>	<b>\$882,000</b>	<b>\$2,000,000</b>	<b>\$10,815,080</b>	<b>\$13,400,000</b>	<b>\$9,995,442</b>	<b>\$56,257,511</b>	-	-	-	-	-

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



# Projects Recommended for 2022 Highway Safety Improvement Program (HSIP) Funding



	Proactive		Interstate Highways		Counties
	Reactive		Other Major Highways		Cities & Townships
					Lakes & Rivers

**Recommended Proactive Projects**

- P1. Nightingale St. at Veterans Memorial Blvd. Roundabout
- P2. CSAH 6 at 7th St Mini Roundabout
- P3. CSAH 6 at CSAH 35 Mini Roundabout
- P4. CSAH 23 at CSAH 62 Roundabout
- P6. CSAH 40 Shoulder Widening
- P7. Carver County Pavement Markings
- P8. Carver County Rural Intersection Lighting
- P11. CSAH 14 at Hemingway Ave Roundabout
- P12. CSAH 19 at CSAH 24 Roundabout
- P13. CSAH 3 and CSAH 43 Curb Extensions

- P14. CSAH 17 Curb Extensions
- P15. CSAH 102 Curb Extensions
- P16. CSAH 152 at Welcome Ave Curb Extensions
- P17. CSAH 33 and CSAH 35 Bikeway Enhancements
- P18. 26th St and 28th St Curb Extensions
- P19. Bloomington Ave and Minnehaha Pkwy Traffic Signals
- P20. E Line BRT Traffic Signal Replacement
- P21. CSAH 23 4 to 3 Conversion
- P22. CSAH 18 at Settlers Ridge Pkwy Roundabout
- P23. Lake Road 4 to 3 Conversion

- P24. Woodlane Dr. 4 to 3 Conversion
  - P25. TH 7 Install Cable Median Barrier
  - P28. MNDOT TH 95 at CSAH 18 in Woodbury/Afton
- Recommended Reactive Projects**
- R5. CSAH 18 at CSAH 20 Roundabout
  - R9. CSAH 11 at CSAH 14 Roundabout
  - R12. TH 65 Continuous Street Lighting
  - R13. CSAH 86 at TH 3 Roundabout
  - R14. CSAH 86 at TH 56 Roundabout
  - R15. CSAH 22 Curb Extensions
  - R17. Little Canada Rd Road Diet and Roundabout

- R22. Dale Street 4 to 3 Conversion
- R23. CSAH 34 Install RRFBs at 7 locations
- R25. TH 5 4 to 3 Conversion
- R26. TH 212 Construct 4 RCIs
- R27. TH 55 at CSAH 42 Roundabout
- R28. I-494 Install Continuous Lighting
- R29. TH 61 Construct 2 RCIs
- R30. TH 65 Curb Extensions and Bikeway
- R31. TH 55 at 46th St Curb Extensions and Medians
- R32. CSAH 7 at CR 158 Roundabout