

Action Transmittal

Transportation Advisory Board



Meeting Date: July 17, 2024

Date: July 10, 2024

Action Transmittal: 2024-32

2024 Highway Safety Improvement Program Project Selection

To: Transportation Advisory Board
From: Technical Advisory Committee
Prepared By: Bethany Brandt-Sargent, Senior Planner, phone 651-602-1705
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Requested Action

MnDOT requests approval of the attached 20 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation.

Recommended Motion

That the Transportation Advisory Board approve the attached 20 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation and inclusion in the 2026-2029 Transportation Improvement Program (TIP).

Summary

MnDOT conducts a Highway Safety Improvement Program (HSIP) solicitation every other year that coincides with the Council's Regional Solicitation. The TAC Funding and Programming Committee unanimously recommended this action.

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 in 2028 and 2029.

There were 31 projects submitted in the "proactive" category and 24 projects submitted to the "reactive" category, for a total of 55 projects. Of these projects, 22 were selected for funding including 11 "proactive" projects and 11 "reactive" projects. For 2024, total funding requested

through the HSIP program was \$92.9 million. The overall funding available is about \$30.9 million, resulting in funding only 33% of the total funds requested. The funding available is roughly half that of the 2022 HSIP solicitation, which received a one-time increase through the Infrastructure Investment and Jobs Act passed in 2021. The attached projects (not including two projects located in Chisago County), if approved, will be included in the 2026-2029 TIP.

Scores and rankings are shown in the attachment.

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 (or any project amendments into 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 20 projects for funding through the HSIP solicitation and inclusion of all Urbanized Area projects in the draft 2025-2028 TIP. HSIP funds are evaluated by MnDOT Metro District. MnDOT’s Metro District includes Chisago County, along with the seven-county metro area. Two projects selected through this process, R12 and R13, are in Chisago County, bringing the total HSIP projects awarded funding to 22. 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 the region’s TIP.

Committee Comments and Action

At its June 20, 2024, meeting, the TAC Funding and Programming Committee voted unanimously to recommend approval of the attached 20 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation and inclusion in the 2026-2029 Transportation Improvement Program (TIP).

At its July 3, 2024, meeting, the Technical Advisory Committee voted unanimously to recommend approval of the attached 20 projects for funding through the Highway Safety Improvement Program (HSIP) solicitation and inclusion in the 2026-2029 Transportation Improvement Program (TIP).

Routing

To	Action Requested	Date Completed (Scheduled)
TAC Funding & Programming Committee	Review & Recommend	June 20, 2024
Technical Advisory Committee	Review & Recommend	July 3, 2024
Transportation Advisory Board	Review, Approve, and Forward for Concurrence	July 17, 2024
Transportation Committee	Review & Recommend	August 12, 2024
Metropolitan Council	Review & Concur	August 28, 2024

2028 / 2029 HSIP Projects (Proactive)

6/11/2024

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 #
						2028 HSIP \$ Awarded	2029 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)		
P6	Bloomington	City wide	City wide	Pedestrian Crossing Safety Improvements	\$550,710	\$550,710		\$61,190	\$611,900	100	282	0	160	200	100	842	P6
P24	MnDOT	TH 62	from TH 13 to TH 3	Install cable median barrier	\$1,350,000		\$1,350,000	\$150,000	\$1,500,000	80	300	63	200	100	20	763	P24
P19	MnDOT	TH 100	at Excelsior Blvd	Channelized right turn modification	\$675,000	\$675,000		\$75,000	\$750,000	40	300	0	92	200	100	732	P19
P18	Minneapolis	Portland Ave and Park Ave	at 26th St AND 28th St	Signals and pedestrian improvements	\$2,000,000	\$2,000,000		\$225,000	\$2,225,000	65	273	25	127	100	100	690	P18
P14	Hennepin County	CSAH 66 (Broadway St NE)	from Jackson St NE to Fillmore St NE	Traffic signal, ADA, medians, and restriping	\$1,665,000	\$1,665,000		\$185,000	\$1,850,000	60	31	100	163	200	100	653	P14
P15	Minneapolis	26th St and 28th St	various intersections on 26th St and 28th St	Traffic signal replacement including improved traffic visibility and APS and Pedestrian safety improvements including ADA ramp upgrades, curb extensions and pedestrian medians	\$2,000,000	\$2,000,000		\$1,000,000	\$3,000,000	65	159	75	127	100	100	626	P15
P21	MnDOT	TH 5	from Century Blvd to Market Blvd	Install cable median barrier	\$1,350,000		\$1,350,000	\$150,000	\$1,500,000	90	197	13	200	100	20	619	P21
P29	MnDOT	TH 13	from Nicollet Ave to Diffley Rd	Install cable median barrier	\$1,350,000		\$1,350,000	\$150,000	\$1,500,000	80	193	25	200	100	20	618	P29
P7	Carver County	CSAH 53	between Bevens Creek and 182nd St	Shoulder Widening	\$2,000,000		\$2,000,000	\$5,800,000	\$7,800,000	75	53	25	181	200	80	614	P7
P13	Hennepin County	CSAH 33 (Park Ave)	at CSAH 35 (Portland Ave)	Bikeway enhancements, curb, traffic calming, stormsewer, roadway, signals, ADA	\$2,000,000	\$2,000,000		\$1,810,000	\$3,810,000	65	29	63	156	200	100	613	P13
P20	MnDOT	TH 5	from Goodhue St to Kellogg Blvd	4 to 3 Lane Conversion	\$900,000		\$900,000	\$100,000	\$1,000,000	80	111	50	52	200	100	593	P20
					TOTAL	\$8,890,710	\$6,950,000										
P8	Chisago County	CSAH 9	east of Harder Ave	Realignment and reconstruction of about 4000' of CSAH 9	\$1,500,000			\$600,000	\$2,100,000	70	3	38	163	200	100	573	P8
P26	MnDOT	TH 5	from TH 101 to Heritage Rd	Install cable median barrier	\$1,350,000			\$150,000	\$1,500,000	80	117	50	200	100	20	567	P26
P11	Hennepin County	CSAH 19	at CR 117 (109th Ave N)	Intersection reconstruction, raised medians, ADA, lighting, multimodal facilities	\$2,000,000			\$910,000	\$2,910,000	50	28	25	148	200	100	551	P11
P1	Andover	CSAH 18 (Crosstown Blvd NW)	at Crosstown Dr NW/139th Ave NW	Roundabout	\$1,420,200			\$157,800	\$1,578,000	40	57	0	150	200	100	547	P1
P9	Chisago County	CSAH 14	at CSAH 19	Roundabout	\$1,500,000			\$500,000	\$2,000,000	65	18	13	150	200	100	546	P9
P10	Chisago County	TH 95	at CSAH 9	Roundabout	\$2,000,000			\$1,650,000	\$3,650,000	50	6	38	148	200	100	542	P10
P30	Scott County	CSAH 8	at CSAH 23	Roundabout	\$2,000,000			\$1,500,000	\$3,500,000	65	12	13	148	200	100	537	P30
P17	Minneapolis	Johnson St NE	at 27th Ave Ne, 29th Ave NE, St Anthony Pkwy, and 33rd Ave NE	Signals and pedestrian improvements	\$2,000,000			\$1,000,000	\$3,000,000	65	128	13	127	100	100	532	P17
P5	Anoka County	CSAH 34 (Birch St)	at CSAH 49 (Hodgson Rd)	Convert Signal to Roundabout, improve pedestrian accommodations and improve access to nearby businesses	\$2,000,000			\$600,000	\$2,600,000	40	41	0	150	200	100	531	P5
P16	Minneapolis	42nd St	at Park Ave	Signal and pedestrian improvements	\$1,260,000			\$140,000	\$1,400,000	70	146	25	127	100	60	528	P16
P12	Hennepin County	CSAH 121 (French Lake Rd)	at Brookside Trl	Roundabout	\$2,000,000			\$920,000	\$2,920,000	40	23	13	150	200	90	516	P12
P25	MnDOT	TH 97	at Manning Trail	Roundabout	\$2,000,000			\$1,000,000	\$3,000,000	40	25	0	148	200	100	513	P25
P2	Columbia Heights	CSAH 2 (40th Ave NE)	at Jefferson St NE	Mini-Roundabout, sidewalk and ADA ramp improvements	\$1,665,000			\$185,000	\$1,850,000	35	27	0	150	200	100	512	P2
P3	Fridley	CSAH 6 (Mississippi St)	at Monroe St NE	Mini-Roundabout, sidewalk and ADA ramp improvements	\$1,620,000			\$180,000	\$1,800,000	35	21	0	150	200	100	506	P3
P4	Anoka County	CSAH 23 (Lake Dr)	at Elm St	Roundabout	\$2,000,000			\$315,250	\$2,315,250	40	34	0	150	200	80	504	P4
P23	MnDOT	TH 52	at TH 50/TH 56	Roundabout	\$2,000,000			\$1,000,000	\$3,000,000	40	19	50	148	200	40	497	P23
P22	MnDOT	TH 7	at CSAH 33	Roundabout	\$2,000,000			\$1,000,000	\$3,000,000	15	27	25	150	200	40	457	P22
P28	MnDOT	TH 13	at Wachtler Ave	Roundabout	\$2,000,000			\$1,000,000	\$3,000,000	40	25	0	150	200	40	455	P28
P31	South St. Paul	Marie Ave	between 9th Ave and 21st Ave	Road Diet including bike lanes and sidewalks on both sides	\$2,000,000			\$3,370,000	\$5,370,000	55	1	0	75	200	100	431	P31
P27	MnDOT	TH 12	at County Line Rd	Roundabout	\$2,000,000			\$1,000,000	\$3,000,000	40	43	13	94	100	100	389	P27
					\$52,155,910			\$26,884,240	\$79,040,150								

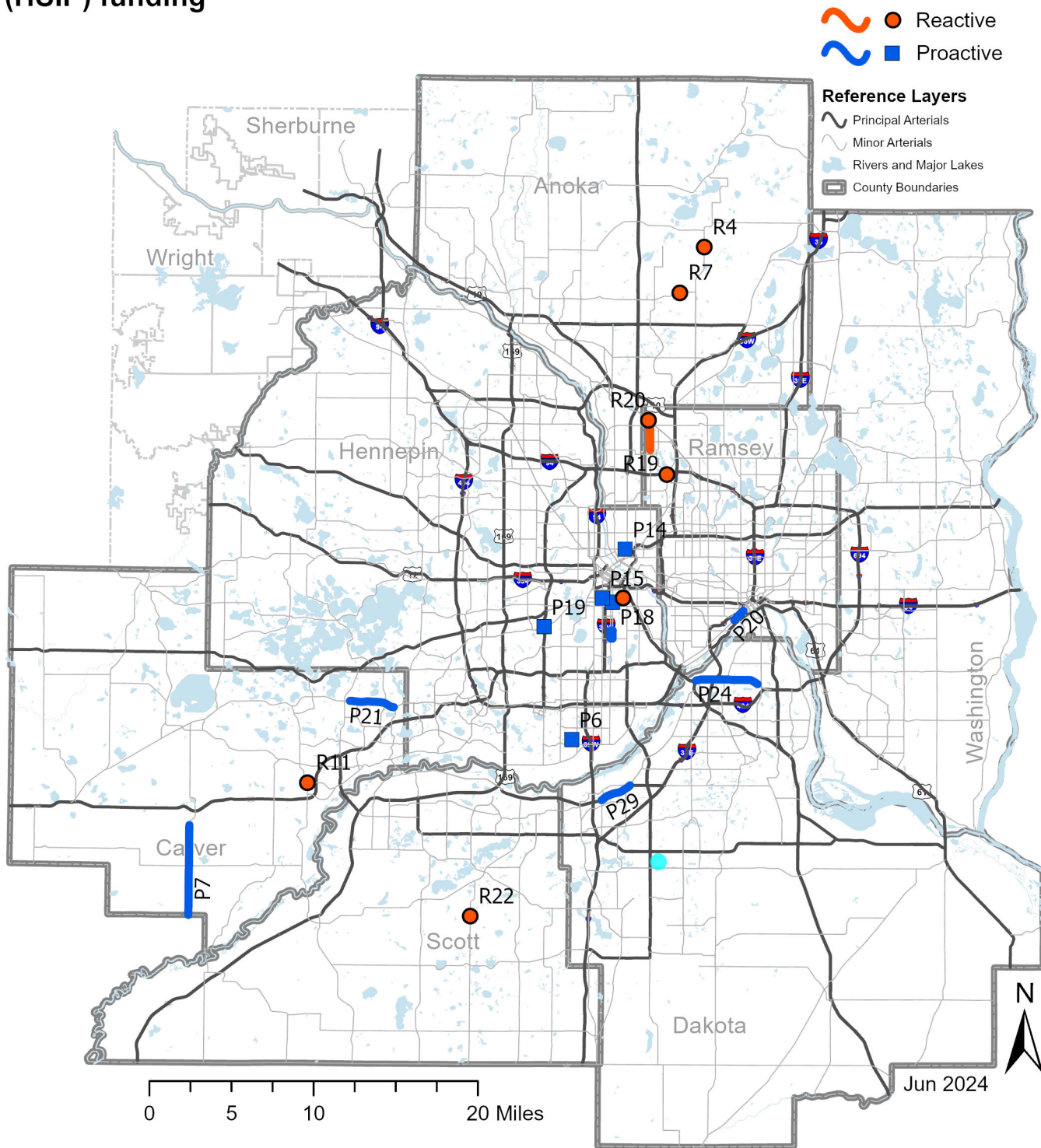
2028 / 2029 HSIP Projects (Reactive)

6/17/2024

The projects down to red line are FUNDED:

Project #	Submitting Agency	Roadway	Location	Project Description <small>(Blue font signifies bike/ped safety improvements in project)</small>	Original HSIP Amount Requested	HSIP Funding		Local Match (10%)	TOTAL PROJECT COST	POINTS				TOTAL POINTS (1,000)	Project #
						2028 HSIP \$ Awarded	2029 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)		
R12	Chisago County	County wide	Various locations	Ground-in, wet-reflective striping and various signing/intersection improvements	\$800,000	\$800,000		\$200,000	\$1,000,000	600	180	100	40	920	R12
R16	Minneapolis	Bloomington Ave	at 26th St and 28th St	Signals, curb extensions, and pedestrian medians	\$1,260,000		\$1,260,000	\$140,000	\$1,400,000	475	151	25	60	711	R16
R20	Ramsey County	CSAH 10 (Mounds View Blvd)	at Groveland Rd and Spring Lake Rd	Directional medians	\$1,620,000		\$1,620,000	\$180,000	\$1,800,000	193	185	50	60	488	R20
R21	Ramsey County	CSAH 44 (Silver Lake Rd)	between Mississippi St and Mounds View Blvd	4 to 3 Lane Conversion	\$1,620,000		\$1,620,000	\$180,000	\$1,800,000	210	160	25	80	475	R21
R18	MnDOT	Metrowide	11 intersections	Intersection Lighting	\$225,000		\$225,000	\$25,000	\$250,000	188	161	0	60	409	R18
R13	Chisago County	TH 8	CSAH 21	Roundabout	\$2,000,000		\$2,000,000	\$1,400,000	\$3,400,000	93	170	50	80	393	R13
R22	Scott County	CSAH 23	at CSAH 68	Roundabout	\$1,440,000	\$1,440,000		\$160,000	\$1,600,000	155	135	13	80	383	R22
R7	Anoka County	CSAH 116 (Bunker Lake Blvd)	at Naples St NE	Roundabout, improve sight distance, and pedestrian accommodations	\$1,620,000	\$1,620,000		\$180,000	\$1,800,000	152	118	25	80	374	R7
R19	Ramsey County	CSAH 45 (Long Lake Rd) & CSAH 12(10th St)	between I-694 and Old Highway 8	4 to 3 Lane Conversion	\$810,000		\$810,000	\$90,000	\$900,000	109	143	13	100	365	R19
R11	Carver County	CSAH 11 (Jonathan Carver Pkwy)	at CSAH 44 (Big Woods Blvd)	Roundabout	\$2,000,000	\$2,000,000		\$485,000	\$2,485,000	66	144	25	100	335	R11
R4	Anoka County	CSAH 17 (Lexington Ave)	at CR 60 (Constance Blvd)	Roundabout and pedestrian accommodations	\$1,710,000		\$1,710,000	\$190,000	\$1,900,000	94	143	13	80	330	R4
					TOTAL	\$5,860,000	\$9,245,000								
R10	Apple Valley	Galaxie Ave	from Founders Ln to 159th St W	Roundabout at 157th St W, road diet, sight line improvements, and ped/bike improvements	\$2,000,000			\$1,500,000	\$3,500,000	61	168	0	100	329	R10
R6	Anoka County	CSAH 78 (Hanson Blvd)	at CR 58 (181st Ave)	Roundabout and pedestrian accommodations	\$2,000,000			\$600,000	\$2,600,000	85	111	13	80	288	R6
R8	Anoka County	TH 47	at CSAH 22 (Viking Blvd)	Roundabout and pedestrian accommodations	\$2,000,000			\$900,000	\$2,900,000	83	111	13	80	286	R8
R3	Anoka County	CSAH 5 (Nowthen Blvd)	at Sunwood Dr	Roundabout and pedestrian accommodations	\$2,000,000			\$600,000	\$2,600,000	62	116	0	100	278	R3
R17	Minneapolis	Portland Ave and Park Ave	at 26TH ST AND 28TH St	Signals and pedestrian improvements	\$2,000,000			\$225,000	\$2,225,000	25	135	25	80	265	R17
R2	Anoka County	CSAH 5 (Nowthen Blvd)	at CSAH 56 (Ramsey Blvd NW)	Roundabout, improve the horizontal curvature, sight distance, and pedestrian accomodations	\$1,890,000			\$210,000	\$2,100,000	59	106	0	100	265	R2
R1	Anoka County	CSAH 5 (Nowthen Blvd)	at 167th Ave NW	Roundabout and pedestrian accommodations	\$2,000,000			\$700,000	\$2,700,000	45	106	13	100	263	R1
R14	Dakota County	TH 61	CSAH 62 (190th St E)	Roundabout	\$1,980,000			\$220,000	\$2,200,000	65	111	0	80	256	R14
R5	Anoka County	CSAH 22 (Viking Blvd)	at CSAH 78 (Flamingo St)	Roundabout	\$2,000,000			\$500,000	\$2,500,000	61	130	13	40	243	R5
R9	Anoka County	TH 47	at CSAH 28 (Ambassador Blvd)	Roundabout and pedestrian accommodations	\$2,000,000	Withdrawn, Received Regional Solicitation Funding		\$600,000	\$2,600,000	87	148	38	100	372	R9
R24	St. Francis	TH 47	233rd Ave	Signal	\$2,000,000	Withdrawn, Received Regional Solicitation Funding		\$421,420	\$2,421,420	60	70	0	100	230	R24
R23	St. Francis	TH 47	at CSAH 24 (227th Ave)	Roundabout	\$1,786,590	Withdrawn, Received Regional Solicitation Funding		\$198,510	\$1,985,100	190	151	25	80	446	R23
R15	Little Canada	CSAH 21 (Little Canada Rd)	at Country Dr	Roundabout	\$2,000,000	Withdrawn, Received Regional Solicitation Funding		\$2,478,000	\$4,478,000	66	153	13	100	331	R15
					\$40,761,590			\$12,382,930	\$53,144,520						

Projects Recommended for 2024 Highway Safety Improvement Program (HSIP) funding



Recommended Proactive Projects

- P6. Bloomington Citywide Pedestrian Crossing Improvements
- P7. CSAH 53 Shoulder Widening
- P13. CSAH 33 (Park Av) Bikeway, ADA, Curbs, Traffic Calming
- P14. CSAH 66 (Broadway St NE) Signals, ADA, Medians, Restriping
- P15. 26th and 28th St Signals and Ped Improvements
- P18. Portland and Park Av Signals and Ped Improvements
- P19. TH 100 Channelized Right Turn Modification
- P20. TH 5 4 to 3 Lane Conversion
- P21. TH 5 Install Cable Median Barrier
- P24. TH 62 Install Cable Median Barrier
- P29. TH 13 Install Cable Median Barrier

Recommended Reactive Projects

- R4. CSAH 17 (Lexington Ave) Roundabout and pedestrian accommodations
- R7. CSAH 116 (Bunker Lake Blvd) Roundabout and pedestrian accommodations
- R11. CSAH 11 (Jonathan Carver Pkwy) at CSAH 44 (Big Woods Blvd) Roundabout
- R12. County wide Various locations Ground-in, wet-reflective striping and various signing/intersection improvements
- R13. TH 8 Roundabout
- R16. Bloomington Ave at 26th St and 28th St Signals, curb extensions, and pedestrian medians
- R18. Metrowide 11 intersections Intersection Lighting
- R19. CSAH 45 (Long Lake Rd) & CSAH 12(10th St) 4 to 3 Lane Conversion
- R20. CSAH 10 (Mounds View Blvd) Directional medians
- R21. CSAH 44 (Silver Lake Rd) 4 to 3 Lane Conversion
- R22. CSAH 23 at CSAH 68 Roundabout

*Two projects are located outside of the MPO boundary in Chisago County. They are not included on the map, but are included in the list above.