



*South Shore Boulevard with new
multi-use trail along White Bear Lake*

TABLE OF CONTENTS

Introduction	2
Definitions	3
Five Year Funding Summary	4-5
2023 Projects	6-8
2024 Projects	9-11
2025 Projects	12-13
2026 Projects	14-15
2027 Projects	16-17
Transitway Projects	18-19
2022-2026 Deficient Bridges	20
Appendices	
A. Ramsey County Cost Participation Policy	21-27
B. Project Location Maps	28-29

INTRODUCTION

With Transit and Transit Oriented Development and Active Living Ramsey County moving into the Public Works Department underneath the Multimodal Planning division in 2018, the Public Works Department is now responsible for the development of a true multimodal transportation system that prioritizes the needs of pedestrians, bicyclists, buses/trains, cars and trucks to be able to connect to the places that people want to go within and outside of the county. Enhancing the safety and functionality of that transportation network, for all users and all modes, is of the highest importance.

Annually, the Public Works Department develops a 5-year Transportation Improvement Program (TIP) that identifies projects that improve the county transportation system. Projects included in the TIP are identified in one of the following categories:

- Roadway Construction
- Roadway Pavement Preservation
- Pedestrian / Bicycle
- Stormwater
- Miscellaneous (i.e. traffic signals, retaining walls, guardrail, etc.)
- Transitways

Roadway reconstruction and pavement preservation projects also typically include improvements for people who walk and bike (i.e. pedestrian median refuge islands, American with Disabilities Act pedestrian ramp replacement, bicycle lanes, etc.).

The Transportation Improvement Program consists of a five-year schedule of projects proposed for implementation by the Ramsey County Department of Public Works. It prioritizes the use of the limited resources that are available for capital transportation projects by identifying which projects will be funded and when they will be constructed. It is also used to identify and maximize outside revenue sources and effectively plan for the growth and development of the county’s transportation system.

The estimated costs identified in this program are based on Ramsey County’s experience in the reconstruction of similar improvements. The four primary project cost estimates identified in the Transportation Improvement Program include:

- Planning/design
- Right of way acquisition
- Pavement preservation
- Construction

The Ramsey County Cost Participation Policy is included as Appendix A. This policy was revised by the Ramsey County Board of Commissioners as part of the 2013-2017 TIP on May 28, 2013.

The Ramsey County Department of Public Works annually reviews the projects within the Transportation Improvement Program. The availability of funding from all sources may affect whether a project remains in the Transportation Improvement Program, gets moved to a different year or is rescoped to a less costly project.

DEFINITIONS OF HEADINGS AND ABBREVIATIONS

Road No.:	County Road (CR) or County State Aid Highway (CSAH) number of road
Termini:	Beginning and ending of project
City:	Abbreviation for city or cities in which project is located
Work Proposed:	Type of work to be performed

Funds Types (listed in \$ X 1,000):

- CSAH - County State Aid Highway;
- County - County contribution;
- City – municipal contribution;
- State - State funds;
- Federal – Federal funds;
- Other- other funding sources;
- Total - Total cost of the project.

Other Definitions:

- Reconstruction Project – More extensive than a pavement replacement: cross-section modification, rural to urban conversion, changes to Right-of-Way, other changes to roadway beyond pavement and striping
- Pavement Preservation Project – stays within the existing cross-section: mill& overlay, micro-surface, reclamation, striping, ADA improvements. May include traffic signals.
- Bicycle/Pedestrian Improvement Project – Separated facilities within County Right-of-Way: sidewalks, multi-use trails, ADA improvements
- Drainage Project – Focused on surface water conveyance: Culvert replacement, BMP modification, ditch & infiltration projects
- Miscellaneous Projects – traffic signals, signal interconnects, bridge inspection/maintenance, retaining walls, Rectangular Rapid Flashing Beacons (RRFBs), traffic/corridor studies, pavement crack sealing

5-Year Transportation Improvement Program Funding Summary

Roadway Construction Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2023	2024	2025	2026	2027	Total
County Road B	25	Snelling Ave.to Lexington Ave.	RC	RV	Construction		\$4,800				\$4,800
County Road C	23	Lexington Ave. to Little Canada Road	RC	LC/RV	Construction	\$200	\$300	\$1,000	\$6,600		\$8,100
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/VH/MW	Construction	\$560	\$700	\$7,875			\$9,135
County Road E	15	at Old Snelling Ave.	AH	AH	Construction	\$1,800					\$1,800
County Road J	81	Centerville Rd.to Otter Lake Rd.	RC	NO/WBT	Construction	\$750	\$1,250	\$25,500			\$27,500
County Road J	81	at Hodgson Rd.	AC	SV	Construction		\$2,820				\$2,820
Dale Street	53	Como Ave. to TH 36	RC	SP/RV	Construction	\$500	\$3,300				\$3,800
Dale Street	53	Grand Ave. to Inglehart St.	RC	SP	Construction	\$150	\$300	\$2,100			\$2,550
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Construction	\$300	\$610	\$1,910			\$2,820
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV/VH	Construction	\$11,365					\$11,365
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Construction	\$400	\$400	\$1,910	\$1,025	\$1,050	\$4,785
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Construction	\$400	\$400	\$1,000	\$11,000		\$12,800
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction	\$4,000					\$4,000
Maryland Avenue	31	Clark to Edgerton St.	RC	SP	Construction		\$275	\$200	\$1,400		\$1,875
Old Highway 8	77	Over MCRR	RC	NB	Bridge Replacement					\$2,400	\$2,400
Otter Lake Road	60	CSAH 96 to 4th Ave.	RC	WB	Construction	\$1,100	\$4,285				\$5,385
Rice Street	49	CR B2 to South Owasso Blvd	RC	LC/RV	Planning/Design				\$500	\$3,000	\$3,500
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Construction	\$600	\$13,400				\$14,000
Rice Street	49	Pennsylvania Ave. to Maryland Ave.	RC	SP	Construction	\$750		\$8,100			\$8,850
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Construction	\$450			\$7,800		\$8,250
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction					\$20,000	\$20,000
TH120		TH36 Interchange	MnDOT	NSP	Construciton					\$40,000	\$40,000
White Bear Ave	65	Larpenteur Ave. to North St Paul Rd.	RC	MW/SP	Construction		\$9,051				\$9,051
					Total	\$23,325	\$41,891	\$49,595	\$28,325	\$66,450	\$209,586

5-Year Transportation Improvement Program Funding Summary

Roadway Pavement Preservation Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2023	2024	2025	2026	2027	Total
Various					Preservation	\$3,665	\$3,270	\$6,165	\$4,550	\$3,800	\$21,695

Pedestrian / Bicycle Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2023	2024	2025	2026	2027	Total
Various					Ped/Bike	\$2,032	\$2,614	\$1,200	\$1,300	\$2,605	\$10,121

Stormwater Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2023	2024	2025	2026	2027	Total
Various					Stormwater	\$1,200	\$1,075	\$1,000	\$1,000	\$1,000	\$6,010

Miscellaneous Infrastructure Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2023	2024	2025	2026	2027	Total
Various					Miscellaneous	\$2,600	\$6,170	\$6,400	\$2,075	\$4,550	\$21,045

Roadway Total	\$32,822	\$55,020	\$64,360	\$37,250	\$78,405	\$268,457
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	2023	2024	2025	2026	2027	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Various	\$188,945	\$135,027	\$10,619			\$334,591
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Various	\$13,751	\$69,000	\$117,834	\$117,834	\$117,834	\$436,253
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Various	\$6,777	\$29,784	\$29,784	\$96,000	\$96,000	\$258,345
					Transitway Total	\$209,473	\$233,811	\$158,237	\$213,834	\$213,834	\$1,029,189

Overall Total	\$242,295	\$288,831	\$222,597	\$251,084	\$292,239	\$1,297,646
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2023 Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road C	23	Lexington Ave. to Little Canada Rd.	RC	LC/RV	Planning/Design	\$200							\$200
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/MW/VH	Planning/Design	\$450			\$110				\$560
County Road E	15	at Old Snelling Ave.	RC	AH	Construction	\$1,300			\$500				\$1,800
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Planning/Design/ROW	\$250			\$250			\$250	\$750
Dale Street	53	Como Ave. to TH 36	RO	SP/RV	Planning/Design/ROW	\$250			\$250				\$500
Dale Street	53	Grand Ave. to Inglehart St.	RC	SP	Planning/Design/ROW	\$150							\$150
Eustis Street	127	St Paul Border to Larpenteur Ave.	RC	LD	Planning/Design		\$300		\$0				\$300
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV/VH	Construction			\$9,640	\$1,725				\$11,365
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Planning/Design	\$200			\$200				\$400
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Planning/Design	\$200			\$200				\$400
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction				\$1,500		\$2,500		\$4,000
Old Highway 8	77	CR E to 5th St. NW	RC	NB	Preservation/Signals	\$1,300	\$1,300		\$300				\$2,900
Otter Lake Rd	60	CSAH 96 to 4th St.	RC	WB	Right of way	\$550			\$550				\$1,100
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Right of way			\$300	\$300				\$600
Rice Street	49	Pennsylvania Ave. to Maryland Ave.	RC	SP	Right of way			\$500	\$250				\$750
Rice Street	49	Wheelock Pkwy to CR B	RC	SP/MW/RV	Right of way			\$300	\$150				\$450
Total						\$4,650	\$1,600	\$10,740	\$6,285	\$0	\$2,500	\$250	\$26,225

2023 Projects

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Cleveland Avenue	46	Ford Pkwy to Randolph Ave.	RC	SP	Pavement Preservation		\$675		\$175				\$850
Labore Road	108	CR E to Goose Lake Rd.	RC	GL/VH	Pavement Preservation		\$240						\$240
Maryland Ave	31	Rice St. to Jackson St.	RC	SP	Preservation/Signals		\$555		\$100				\$655
Old Snelling Ave N	76	CR E to County Highway 96	RC	AH	Pavement Preservation		\$1,030						\$1,030
Randolph Avenue	38	Cleveland Ave. to Brimhall St.	RC	SP	Pavement Preservation		\$715		\$175				\$890
Total						\$0	\$3,215	\$0	\$450	\$0	\$0	\$0	\$3,665
Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Cleveland Avenue	46	Iona Ln. to CR C2	RV	RV	Construction		\$150		\$150				\$300
Edgerton Street	58	Arlington St to Maryland Ave	SP	SP	Construction		\$120		\$120				\$240
Larpenteur Avenue	30	Dale St. to Marion St.	SP	SP	Construction		\$300		\$300				\$600
Lexington Avenue	51	TH36 to CR B2	RV	RV	Construction		\$121		\$121				\$242
Otter Lake Road	60	Hickory to Meadow View	RC	WBT	Design		\$50		\$50				\$100
Mounds View Blvd	10	Pleasant View Rd. to Groveland Ave.	MV/SLP	MV/SLP	ROW/Construction		\$125		\$125				\$250
Various					ADA Compliance		\$300						\$300
Total						\$0	\$1,166	\$0	\$866	\$0	\$0	\$0	\$2,032

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road B	25	at I-35E	RC	LC/MW	ROW/Construction		\$250		\$100				\$350
Edgerton Street	58	at Centerville Rd.	RC	VH	ROW/Construction		\$300		\$150				\$450
Lambros Ditch	NA	Lake Johanna to Johanna Marsh	RC	AH	Construction		\$370						\$370
Various					Drainage Systems		\$30						\$30
Total						\$0	\$950	\$0	\$250	\$0	\$0	\$0	\$1,200

2023 Projects

Miscellaneous Infrastructure Improvements

Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road D	19	Highcrest Rd & Silver Lake Road	RC		Signal Modifications		\$300						\$300
Fairview Avenue	48	at TH 36 ramps	MnDOT	RV	Signal reconstruction	\$310			\$80	\$310			\$700
White Bear Ave and Minnehaha Ave	68 & 65	at TH5	MnDOT	SP/MW	Signal reconstruction	\$350							\$350
Plato Boulevard	40	Wabasha Street to East Lafayette	SP	SP	Signal Interconnect		\$80						\$80
Various					Bridges		\$300						\$300
Various					Retaining Walls		\$50						\$50
Various					Roadway Appurtenances		\$320						\$320
Various					Traffic Signals		\$200						\$200
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$660	\$1,250	\$0	\$80	\$310	\$0	\$0	\$2,600

Roadway Total	\$5,310	\$8,181	\$10,740	\$7,931	\$310	\$2,500	\$250	\$35,722
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2024 Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road B	25	Snelling Ave.to Lexington Ave.	RC	RV	Construction	\$3,900			\$900				\$4,800
County Road C	23	Lexington Ave. to Little Canada Rd.	RC	LC/RV	Planning/Design	\$300			\$300				\$600
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/MW/VH	Right of way	\$350			\$350				\$700
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Right of way	\$500			\$500			\$250	\$1,250
County Road J	81	at Hodgson Rd.	Anoka	SV/LL	Construction	\$1,000			\$20			\$1,800	\$2,820
Dale Street	53	Como Ave. to TH36	RC	RV/SP	Construction	\$1,750			\$650		\$900		\$3,300
Dale Street	53	Grand Ave. to Inglehart St.	RC	SP	Right of way		\$300						\$300
Eustis Street	127	St Paul Border to Larpenteur Ave.	RC	LD	Right of way		\$305		\$305				\$610
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Planning/Design	\$200			\$200				\$400
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Planning/Design	\$200			\$200				\$400
Maryland Avenue	31	Clark St. to Edgerton St.	RC	SP	Planning/Design	\$200			\$75				\$275
Otter Lake Road	60	CSAH 96 to 4th St.	RC	WB	Construction	\$4,055			\$230				\$4,285
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Construction	\$6,100		\$2,500	\$1,300		\$3,500		\$13,400
White Bear Avenue	65	Larpenteur Ave. to North St Paul Rd.	RC	MW/SP	Construction	\$8,372			\$679				\$9,051
Total						\$26,927	\$605	\$2,500	\$5,709	\$0	\$4,400	\$2,050	\$42,191

2024 Projects

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road C	23	Hazelwood St. to White Bear Ave.	RC	MW	Pavement Preservation		\$470						\$470
County Road E	15	Lexington Ave. to Victoria St.	RC	SV	Pavement Preservation		\$190						\$190
County Road E	99	Victoria St. to 555' East	RC	SV	Pavement Preservation		\$70						\$70
County Road J	81	Everton Ave. to Hugo Rd.	RC	WBT	Pavement Preservation		\$150						\$150
Long Avenue	152	8th St. to 12th St.	RC	WBL	Pavement Preservation		\$200						\$200
Lower Afton Road	39	McKnight Rd. to Century Ave.	RC	MW	Pavement Preservation		\$535						\$535
Maryland Avenue	31	Lakewood Dr. to TH120	RC	MW	Pavement Preservation		\$405						\$405
McKnight Road	68	11th Ave. to CR D	RC	MW/NSP	Pavement Preservation		\$650						\$650
Northwest Avenue	89	CSAH 96 to Buffalo St.	RC	WBL/WBT	Pavement Preservation		\$300						\$300
Portland Avenue	71	CSAH 96 to Buffalo St.	RC	WBT	Pavement Preservation		\$300						\$300
Total						\$0	\$3,270	\$0	\$0	\$0	\$0	\$0	\$3,270

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Cleveland Ave	46	Summit Ave to Marshall Ave	SP	SP	Construction		\$150		\$150				\$300
Koehler Road	14	Edgerton St. to Centerville Rd.	VH	VH	Construction		\$146		\$146		\$558		\$850
Lexington Avenue	51	Sandhurst Dr. to Sherren St.	RV	RV	Construction		\$170		\$170				\$340
Marshall Avenue	35	Snelling Ave to Albert St	SP	SP	Construction		\$110		\$110				\$220
Otter Lake Road	60	Hickory to Meadow View	RC	WBT	Construction		\$120		\$120	\$160			\$400
Various					Ped/Bike Facilities		\$204						\$204
Various					ADA Compliance		\$300						\$300
Total						\$0	\$1,200	\$0	\$696	\$160	\$558	\$0	\$2,614

2024 Projects

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Hamline Avenue	50	at Clarmar Ave.	RV	RV	Construction		\$75		\$75				\$150
Oasis Pond	NA	To Lake Johanna	RCWD	AH	Planning Design		\$20						\$20
Various					Drainage Systems		\$905						\$905
Total						\$0	\$1,000	\$0	\$75	\$0	\$0	\$0	\$1,075

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Little Canada Road	21	at I-35E Ramps	LC	LC	Signal reconstruction	\$700			\$65	\$400			\$1,165
Mounds View Boulevard	10	at CR H2, CR I, Wooddale, Edgewood	RC	MV	Signal Replacement	\$1,400							\$1,400
University Avenue	34	Various Intersections	RC	SP	RRFBs	\$98					\$882		\$980
Marshall Avenue	35	Otis Street to Snelling Avenue	RC	SP	Interconnect		\$322		\$183				\$505
Various	Varies	B-Line BRT	MT	SP	BRT Line Construction		\$470						\$470
Various					Bridges		\$400						\$400
Various					Retaining Walls		\$50						\$50
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$2,198	\$2,442	\$0	\$248	\$400	\$882	\$0	\$6,170

Roadway Total	\$29,125	\$8,517	\$2,500	\$6,728	\$560	\$5,840	\$2,050	\$55,320
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2025 Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road C	23	Lexington Ave. to Little Canada Rd.	RC	LC/RV	Right of Way	\$600			\$400				\$1,000
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/MW/VH	Construction	\$6,975			\$900				\$7,875
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Construction	\$3,500			\$1,000	\$10,000	\$10,000	\$1,000	\$25,500
Dale Street	53	Grand Ave. to Inglehart St.	RC	SP	Construction		\$100				\$2,000		\$2,100
Eustis Street	127	St Paul Border to Larpenteur Ave.	RC	LD	Construction		\$1,800		\$110				\$1,910
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Right of Way	\$500			\$500				\$1,000
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Right of Way	\$500			\$500				\$1,000
Maryland Avenue	31	Clark St. to Edgerton St.	RC	SP	Right of Way	\$100			\$100				\$200
Rice Street	49	Front St. to Maryland Ave.	RC	SP	Construction			\$3,100	\$1,500		\$3,500		\$8,100
Total						\$12,175	\$1,900	\$3,100	\$5,010	\$10,000	\$15,500	\$1,000	\$48,685

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Beam Avenue	20	US 61 to Swanson St. (Mall Entrance)	RC	MW	Pavement Preservation		\$750						\$750
County Road D	19	Silver Lake Rd. to US88	RC	SA/NB/RV	Pavement Preservation	\$1,170							\$1,170
Division Street	151	Stillwater Rd. to Park Ave.	RC	WBT	Pavement Preservation		\$150						\$150
Hamline Avenue	50	CR C to Snelling Ave.	RC	RV/AH	Pavement Preservation		\$715						\$715
Hodgson Road	49	Hwy 96 to Tanglewood Dr	RC	SV	Pavement Preservation		\$150						\$150
Larpenteur Avenue	30	East Shore Dr to Flandrau St.	RC	MW/SP	Pavement Preservation	\$550							\$550
Long Lake Road/10th Street	45/12	I-694 to Old Hwy 8	RC	NB	Pavement Preservation		\$460						\$460
McKnight Road	68	Carver Ave. to Londin In.	RC	MW/SP	Pavement Preservation		\$770						\$770
Silver Lake Road	44	Mississippi St. to Mounds View Blvd	RC	NB/MV	Pavement Preservation	\$650	\$550						\$1,200
Van Dyke Street	150	Ripley Ave. to White Bear Ave.	RC	MW	Pavement Preservation		\$250						\$250
Total						\$2,370	\$3,795	\$0	\$0	\$0	\$0	\$0	\$6,165

2025 Projects

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Ped/Bike Facilities		\$900						\$900
Various					ADA Compliance		\$300						\$300
Total						\$0	\$1,200	\$0	\$0	\$0	\$0	\$0	\$1,200

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Oasis Pond	NA	To Lake Johanna	RCWD	AH	Planning Design		\$20						\$20
Various					Drainage Systems		\$980						\$980
Total						\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road I	3	At Hamline Ave.	SV	SV	Intersection Realignment & Trail Construction		\$400		\$400				\$800
Little Canada Road	23	at I-35E	MnDOT	LC	Interchange Access	\$1,300			\$700	\$1,300			\$3,300
Dale Street	53	Grand Ave. to Front Street	RC	SP	Signals		\$465		\$185				\$650
Various					Bridges		\$400						\$400
Various					Retaining Walls		\$50						\$50
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$1,300	\$2,515	\$0	\$1,285	\$1,300	\$0	\$0	\$6,400

Total	\$15,845	\$10,410	\$3,100	\$6,295	\$11,300	\$15,500	\$1,000	\$63,450
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2026 Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
County Road C	23	Lexington Ave. to Little Canada Rd.	RC	LC/RV	Construction	\$4,100			\$500		\$2,000		\$6,600
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Planning/Design	\$525			\$500				\$1,025
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Construction	\$3,000			\$800	\$7,200			\$11,000
Maryland Avenue	31	Clark St. to Edgerton St.	RC	SP	Construction	\$1,200			\$200				\$1,400
Pennsylvania Avenue	33	Rice St to Mississippi St	RC	SP	Planning/Design	\$500			\$500				\$1,000
Rice Street	49	CR B2 to South Owasso Blvd	RC	LC/RV	Planning/Design	\$250			\$250				\$500
Rice Street	49	Pennsylvania Ave. to Front St.	RC	LC/RV	Construction	\$4,950		\$1,500	\$850		\$3,500		\$10,800
													\$0
Total						\$14,525	\$0	\$1,500	\$3,600	\$7,200	\$5,500	\$0	\$32,325

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Fairview Avenue	48	Roselawn Ave. to CR B2	RC	RV	Pavement Preservation		\$750						\$750
White Bear Avenue	65	Frost Ave. to Beam Ave.	RC	MW	Pavement Preservation		\$700						\$700
Various					Pavement Preservation		\$3,100						\$3,100
Total						\$0	\$4,550	\$0	\$0	\$0	\$0	\$0	\$4,550

2026 Projects

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Jackson Street	55	Arlington Ave. to Wheelock Pkwy	RC	SP	Construction		\$400		\$100				\$500
Various					Ped/Bike Facilities		\$500						\$500
Various					ADA Compliance		\$300						\$300
Total						\$0	\$1,200	\$0	\$100	\$0	\$0	\$0	\$1,300
Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Oasis Pond	NA	To Lake Johanna	RCWD	AH	Planning Design		\$20						\$20
Various					Drainage Systems		\$980						\$980
Total						\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Marion Street Brindge	56	at I-94	MnDOT	SP	Construction	\$225							\$225
McKnight Road	68	at Stillwwater Ave.	MnDOT	MW	Signal Replacement	\$350							\$350
Various					Bridges		\$300						\$300
Various					Retaining Walls		\$50						\$50
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$450						\$450
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$575	\$1,500	\$0	\$0	\$0	\$0	\$0	\$2,075
Total						\$15,100	\$8,250	\$1,500	\$3,700	\$7,200	\$5,500	\$0	\$41,250

2027 Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Right of Way	\$550			\$500				\$1,050
Old Highway 8	77	Over MCRR	RC	NB	Construction	\$400					\$2,000		\$2,400
Pennsylvania Avenue	33	Rice St to Mississippi St	RC	SP	Right of Way	\$500			\$500				\$1,000
Rice Street	49	CR B2 to South Owasso Blvd	RC	LC/RV	Right of Way	\$1,500			\$1,500				\$3,000
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Construction	\$7,000			\$800				\$7,800
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction							\$20,000	\$20,000
TH36/TH120		Interchange	MnDOT	NSP	Construction							\$40,000	\$40,000
													\$0
Total						\$9,950	\$0	\$0	\$3,300	\$0	\$2,000	\$60,000	\$75,250

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Pavement Preservation		\$3,800						\$3,800
Total						\$0	\$3,800	\$0	\$0	\$0	\$0	\$0	\$3,800

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Larpenteur Avenue	30	McKnight Ave to Sterling St	MW	MW	Planning/Design/ROW		\$100		\$25				\$125
Lake Johanna Blvd	149	County Road D to Old Snelling Ave.	RC	AH	Planning/Design/ROW	\$245			\$245				\$490
Victoria Street	52	County Rd. C to Harriet Ave.	RC	RV/SV	Planning/Design/ROW	\$200			\$200				\$400
Vadnais Boulevard	16	Rice St to Edgerton St	RC	VH	Planning/Design/ROW	\$245			\$245				\$490
Various					Ped/Bike Facilities		\$800						\$800
Various					ADA Compliance		\$300						\$300
Total						\$690	\$1,200	\$0	\$715	\$0	\$0	\$0	\$2,605

2027 Projects

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Oasis Pond	NA	To Lake Johanna	RCWD	AH	Planning Design		\$20						\$20
Various					Drainage Systems		\$980						\$980
Total						\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Maryland Avenue	31	Dale St. to White Bear Ave.		StP/MW	Signal Interconnect		\$800		\$100		\$2,000		\$2,900
Various					Bridges		\$400						\$400
Various					Retaining Walls		\$50						\$50
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$0	\$2,450	\$0	\$100	\$0	\$2,000	\$0	\$4,550

Total	\$10,640	\$8,450	\$0	\$4,115	\$0	\$4,000	\$60,000	\$87,205
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Transitway Projects

2023 Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$99,103	\$4,600		\$42,621	\$0	\$42,621	\$188,945
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MW, VH, GL, WBL, WBT	Planning/Design					\$9,000	\$4,751	\$13,751
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design						\$6,777	\$6,777
Total						\$99,103	\$4,600	\$0	\$42,621	\$9,000	\$54,149	\$209,473

2024 Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$118,199	\$0		\$8,414	\$0	\$8,414	\$135,027
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction					\$63,900	\$5,100	\$69,000
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$8,921		\$18,733	\$2,130	\$29,784
Total						\$118,199	\$0	\$8,921	\$8,414	\$82,633	\$15,644	\$233,811

2025 Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$10,619						\$10,619
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction	\$72,602				\$32,465	\$12,767	\$117,834
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$8,921		\$18,733	\$2,130	\$29,784
Total						\$83,221	\$0	\$8,921	\$0	\$51,198	\$14,897	\$158,237

Transitway Projects

2026 Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction	\$72,602				\$32,465	\$12,767	\$117,834
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$28,800		\$60,480	\$6,720	\$96,000
Total						\$72,602	\$0	\$28,800	\$0	\$92,945	\$19,487	\$213,834

2027 Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction	\$72,602				\$32,465	\$12,767	\$117,834
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$28,800		\$60,480	\$6,720	\$96,000
Total						\$72,602	\$0	\$28,800	\$0	\$92,945	\$19,487	\$213,834

2023-2027 Deficient Bridges

Location	Road No.	Termini	Bridge No.	Sufficiency Rating	Fed. Replacement Eligible?	Fed. Rehab. Eligible?	State Eligible?	Year
Jackson Street	55	over BNSF RR	5664	47.5	no	no	yes	2027
Jackson Street	55	over BNSF RR	90408	66.1	no	no	yes	2026
Jackson Street	55	over BNSF RR	90409	33.6	no	no	yes	2026
Old Highway 8	77	over MCRR	4533	45.9	no	no	yes	TBD
County Road C	23	over BNSF RR	62519	43.6	yes	yes	yes	2026
Lexington Avenue	51	over BNSF RR	5583	37.8	yes	yes	yes	TBD

APPENDIX A

Ramsey County Public Works

Cost Participation Policy

Approved May 28, 2013

The intent of Ramsey County's Public Works Cost Participation Policy is to equitably distribute the cost of construction and major maintenance projects between the County and its partner communities. The policy recognizes that projects undertaken by the County should benefit the County and provide local benefits to the communities in which they are completed. The policy also defines the County's contributions to locally-initiated projects. All County cost contributions are subject to project feasibility and availability of funding.

The policy, as amended on May 28, 2013, reflects Ramsey County's commitment to develop a safe, effective, multimodal transportation system for users of all abilities and incomes. It is upon that foundation the Public Works Department will work with partnering agencies to ensure investments in construction and major maintenance accommodate an appropriate mix of motorized and non-motorized travel options. County cost participation levels have been selectively increased in recognition of the growing importance of integrating pedestrian, bicycle, transit and American Disabilities Act (ADA) features into transportation planning and implementation. Amended policy provisions also remove former provisions which identified differing cost participation levels when federal funds have been secured. In the event unique design considerations or project impacts are identified, the Director of Public Works may negotiate mutually beneficial deviations from this policy, subject to review and approval of the County Board.

Ramsey County Public Works
Cost Participation Policy

Ramsey County Public Works Cost Participation Policy for the
Reconstruction and Major Maintenance of County Roads and County State Aid Highways

ITEM:	COUNTY SHARE:	NOTES:
Right of Way	50%	County cost participation on right of way acquisition may be reduced or eliminated where the acquisition is specifically for detached trails, aesthetics, or special design elements requested by municipalities or other project partners. County participation on right of way acquisition applies only to construction projects and shall be 0% for maintenance projects, except where additional right of way is required to accommodate improvements within the curb or shoulder line.
Removals	100%	
Travel Lanes	100%	
Parking Lanes	25%	100% in cities under 5,000 population or in White Bear Township. 100% on maintenance pavement preservation projects.
Shoulders	100%	100% of the width required to meet State Aid design standards. 100% in cities under 5,000 population or in White Bear Township. 100% on maintenance pavement preservation projects. 50% outside of the required width.

ITEM:	COUNTY SHARE:	NOTES:
Concrete Curb & Gutter (new)	25%	
Concrete Curb & Gutter (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable. 100% of curb and gutter as part of median construction required for traffic channelization or to serve as a pedestrian refuge.
Storm Sewer	% Eligible for State Aid	
Culverts	100%	
Water Main Modification	100%	100%, if required for construction. 0% on betterments.
Sanitary Sewer Modification	100%	100%, if required for construction. 0% on betterments
Private Utility Relocation	0%	
Traffic Signals	100% of County Legs	Traffic Signal construction is addressed in a separate policy (County Board Resolution 81-1001). Electrical power shall be paid by the municipality.

ITEM:	COUNTY SHARE:	NOTES:
Roundabouts	100% of County Legs	
Retaining Walls	50%	50% when retaining walls are constructed in lieu of right of way acquisition or to mitigate impacts; by negotiation when necessitated by design parameters.
Grading Outside of Curb	100%	100% of area required for road construction. 50% of grading required specifically for sidewalks, trails, or other amenities.
Medians	100%	100% of a standard concrete median design, including curb and gutter; municipalities shall pay for the additional cost of any decorative or aesthetic treatments.
Sidewalks (new)	50%	Includes grading, aggregate base, surfacing, and pedestrian ramps.
Sidewalks (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable.
Bituminous Trail (new)	50%	Includes grading, aggregate base, surfacing, and pedestrian ramps.
Bituminous Trail (replacement)	100%	100% if in serviceable condition, as determined by the County Engineer; otherwise negotiable.

ITEM:	COUNTY SHARE:	NOTES:
Trail/Sidewalk Grade Separation	0% to 50%, by negotiation	Bridge or underpass construction.
Street Lighting	0%	Street Lighting as part of a traffic signal shall be paid 100% by County. Electrical power shall be paid by the municipality.
Replacement Trees	100%	100%, if 1:1 replacement; 50%, if greater than 1:1
Fence	100%	100% if serviceable; 0% if in County R/W
Turf Restoration	100%	
Amenities and Aesthetics	0%	Special surface treatments, ground covers, or plantings, ornamental railings, etc.
Driveway Replacement	100%	
Stormwater Treatment	% eligible for State Aid	Maintenance shall be based on contributing flows.

ITEM:	COUNTY SHARE:	NOTES:
Rectangular Rapid Flashing Beacon (new)	50%	
Rectangular Rapid Flashing Beacon (replacement)	100%	
Preliminary/Design Engineering	% of Participation	
Construction Engineering	% of Participation	

All County participation is subject to the availability of funds.

On Federal Aid Projects, the federal funds shall be applied to all eligible items before cost participation is calculated. Federal participation is typically 50-80% of the total project cost.

Right of Way (ROW) acquisition continues to grow in cost and complexity. Setting the County Cost share at 50% is intended to make the County an equal partner with the municipality(s), regardless of funding source(s) secured for a project. Early creation of a cooperative partnership helps ensure project scoping and alternatives analysis are comprehensive and consider all benefits and costs -- including right of way cost and impacts. Joint efforts can also identify specific locations where extraordinary ROW impacts are likely. In those cases, the County and City(s) can revisit available options or consider appropriate design changes. Timely recognition of unavoidable impacts can provide additional time for all parties to secure their respective funding sources. Redevelopment and/or future land use changes may also provide an opportunity to reduce conflicts with programmed improvements. Individual parcels which present exceptional challenges may justify an unequal distribution of City/County cost shares for consideration and approval of the County Board.

Retaining Walls are generally constructed to reduce right of way impacts or to protect environmental resources such as wetlands or wooded areas. County cost participation will be at the 50% level for those wall installations similar to ROW cost participation. In situations where wall options are locally preferred or part of a community's aesthetic design goals, County participation will be reduced or eliminated. Resulting County contributions will be limited to benefits reducing impacts to adjoining properties or environmental resources.

Trail/Sidewalk Grade Separations are desirable bike and pedestrian features but can be cost prohibitive in many settings. ADA compliance and mitigating access/safety issues often add substantial construction costs to otherwise straightforward structures - particularly in locations where space is limited. Design options can also vary from simple box culvert underpasses to elaborate bridge structures. The intent of a negotiated cost participation level of 0-50% is an acknowledgement of the enormous range in costs that may be proposed. It is important County participation adhere to sound benefit/cost considerations. County participation levels may also consider the availability of federal or other outside funding sources that materially reduce County and local shares.

APPENDIX B

Project Location Maps



