



I-694 and Rice Street interchange reconstruction in the communities of Shoreview, Little Canada and Vadnais Heights.



2021 - 2025

Transportation Improvement Program and Deficient Bridge Program

RAMSEY COUNTY BOARD OF COMMISSIONERS

Toni Carter, Chair
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Victoria Reinhardt

Prepared by the Ramsey County Public Works Department
Ted Schoenecker, P.E., Director and County Engineer

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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.

5-Year Transportation Improvement Program Funding Summary

Roadway Construction Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2021	2022	2023	2024	2025	Total
Cleveland Avenue	46	Como Ave. to Larpenteur Ave.	RC	FH/SP	Construction	\$7,170					\$7,170
County Road B	25	Snelling Ave. to Lexington Ave.	RC	RV	Construction	\$600	\$320	\$4,975			\$5,895
County Road B2	78	at Lexington Ave.	RC	RV	Construction	\$340	\$1,725				\$2,065
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/VH/MW	Construction		\$560		\$400	\$4,465	\$5,425
County Road E	15	at Old Snelling Ave.	AH	AH	Construction	\$190	\$400	\$1,500			\$2,090
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Construction	\$1,500		\$1,000	\$14,400		\$16,900
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Construction		\$270		\$650	\$2,230	\$3,150
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV/VH	Construction	\$1,110		\$11,365			\$12,475
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Construction		\$1,290		\$400	\$10,760	\$12,450
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Construction		\$1,485		\$400	\$12,380	\$14,265
Lexington Avenue	51	CR E to I-694	RC	AH/SV	Construction		\$12,485				\$12,485
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction	\$500	\$4,000				\$4,500
Otter Lake Rd	60	CSAH 96 to 4th Ave	RC	WB	Construction	\$525		\$1,100	\$4,285		\$5,910
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Construction	\$780	\$600	\$6,300			\$7,680
Rice Street	49	Pennsylvania Ave. to Maryland Ave.	RC	SP	Construction	\$200	\$700				\$900
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Construction		\$940		\$400	\$7,805	\$9,145
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Construction	\$495	\$4,110				\$4,605
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction	\$1,000	\$13,060				\$14,060
TH 36		TH 120 (Century Ave)	MnDOT	NSP/Oak	Construction					\$50,000	\$50,000
White Bear Ave	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Construction		\$600	\$8,200			\$8,800
					Total	\$14,410	\$42,545	\$34,440	\$20,935	\$87,640	\$199,970

5-Year Transportation Improvement Program Funding Summary

Roadway Pavement Preservation Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2021	2022	2023	2024	2025	Total
Various					Preservation	\$8,195	\$4,515	\$5,365	\$10,325	\$7,500	\$35,900

Pedestrian / Bicycle Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2021	2022	2023	2024	2025	Total
Various					Ped/Bike	\$1,730	\$2,485	\$2,640	\$1,900	\$2,400	\$11,155

Stormwater Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2021	2022	2023	2024	2025	Total
Various					Stormwater	\$1,830	\$720	\$600	\$600	\$600	\$4,350

Miscellaneous Infrastructure Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2021	2022	2023	2024	2025	Total
Various					Miscellaneous	\$3,495	\$3,000	\$3,215	\$1,600	\$1,600	\$12,910

Roadway Total	\$29,660	\$53,265	\$46,260	\$35,360	\$99,740	\$264,285
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	2021	2022	2023	2024	2025	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Various	\$49,900	\$143,150	\$138,750	\$138,750	\$0	\$470,550
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Various	\$20,000	\$40,000	\$25,000	\$138,330	\$138,330	\$361,660
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Various				\$29,870	\$29,870	\$59,740
					Transitway Total	\$69,900	\$183,150	\$163,750	\$306,950	\$168,200	\$891,950

Overall Total	\$99,560	\$236,415	\$210,010	\$342,310	\$267,940	\$1,156,235
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2021 Transportation Projects

Roadway Construction Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Cleveland Avenue	46	Como Ave. to Larpenteur Ave.	RC	FH/SP	Construction	\$4,800			\$2,370				\$7,170
County Road B	25	Snelling Ave.to Lexington Ave.	RC	RV	Planning/Design	\$450			\$150				\$600
County Road B2	78	at Lexington Ave.	RC	RV	Right of way	\$170			\$170				\$340
County Road E	15	at Old Snelling Ave.	AH	AH	Planning/Design	\$145			\$45				\$190
County Road J	81	Centerville Rd.to Otter Lake Rd.	RC	NO/WBT	Planning/Design					\$1,500			\$1,500
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV/VH	Right of way			\$555	\$555				\$1,110
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Right of way	\$250			\$250				\$500
Otter Lake Rd	60	CSAH 96 to 4th Ave	RC	WB	Planning/Design	\$500			\$25				\$525
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Planning/Design			\$700	\$80				\$780
Rice Street	49	Pennsylvania Ave. to Wheelock Pkwy	RC	SP	Right of way			\$100	\$100				\$200
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Planning/Design		\$370		\$15				\$385
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Right of way		\$65		\$45				\$110
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Planning/Design							\$1,000	\$1,000
Total						\$6,315	\$435	\$1,355	\$3,805	\$1,500	\$0	\$1,000	\$14,410

2021 Transportation 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 B2	78	Fairview Ave. to Hamline Ave.	RC	RV	Preservation/Signals	\$3,515			\$965				\$4,480
County Road E	15	Stinson Blvd to Silver Lake Rd	RC	NB/SA	Pavement Preservation		\$280						\$280
County Road F	12	McKnight Rd to East Co. Line Rd	RC	WBL/WBT	Pavement Preservation		\$635						\$635
County Road J	1	W. County Line to US 10	RC	MV	Pavement Preservation		\$225						\$225
McKnight Road	68	Burns Ave. to Minnehaha Ave	RC	MW/SP	Preservation/Signals		\$1,580		\$360				\$1,940
Minnehaha Avenue	34	McKnight Rd to Century Ave	RC	MW	Pavement Preservation	\$350	\$100						\$450
Phalen Boulevard	64	Johnson Pkwy to Maryland Ave	RC	SP	Pavement Preservation		\$185						\$185
Various					Pavement Preservation								\$0
Total						\$3,865	\$3,005	\$0	\$1,325	\$0	\$0	\$0	\$8,195

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Rice Street	49	CR C2 to Owasso Blvd.	RV	RV	Construction			\$100	\$100				\$200
Randolph Avenue	38	Toronto St. to Shepard Rd.	SP	SP	Construction		\$125		\$125				\$250
Upper Afton Road	35	Burns Ave. to White Bear Ave.	SP	SP	Construction		\$240		\$240				\$480
Various					Ped/Bike Facilities								\$0
Various					ADA Compliance		\$800						\$800
Total						\$0	\$1,165	\$100	\$465	\$0	\$0	\$0	\$1,730

2021 Transportation Projects

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Lambros Ditch	NA	Lake Johanna to Johanna Marsh	RC	AH	Construction		\$500						\$500
Lexington Parkway	51	at Como Golf Course	RC	SP	Maintenance		\$500						\$500
Seminary Pond	NA		CRWD	LD	Construction		\$30						\$30
Various					Drainage Systems		\$800						\$800
Total						\$0	\$1,830	\$0	\$0	\$0	\$0	\$0	\$1,830

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Old Highway 8	77	at 8th Ave. NW	NB	NB	Signal Construction	\$925			\$350				\$1,275
Energy Park Dr, Cleveland Ave, Selby Ave	32, 46, 35	Various	SP	SP	Signal Interconnect	\$680			\$40				\$720
Various					Bridges		\$200						\$200
Various					Roadway Appurtenances		\$200						\$200
Various					Traffic Signals		\$300						\$300
Various					Traffic Studies		\$600						\$600
					Crack Seal		\$200						\$200
Total						\$1,605	\$1,500	\$0	\$390	\$0	\$0	\$0	\$3,495

Roadway Total	\$11,785	\$7,935	\$1,455	\$5,985	\$1,500	\$0	\$1,000	\$29,660
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2021 Transportation Projects

Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Planning/Design				\$24,950	\$23,300	\$1,650	\$49,900
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Planning/Design					\$18,000	\$2,000	\$20,000
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design							
Total						\$0	\$0	\$0	\$24,950	\$41,300	\$3,650	\$69,900

2022 Transportation 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	Right of way	\$160			\$160				\$320
County Road B2	78	at Lexington Ave.	RC	RV	Construction	\$935			\$40		\$750		\$1,725
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.	AH	AH	Right of way	\$200			\$200				\$400
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Planning/Design		\$220		\$50				\$270
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Planning/Design	\$1,000			\$290				\$1,290
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Planning/Design	\$1,200			\$285				\$1,485
Lexington Avenue	51	CR E to I-694	RC	AH/SV	Construction	\$10,700			\$1,760	\$25			\$12,485
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction				\$1,500		\$2,500		\$4,000
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	Construction			\$600	\$100				\$700
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Planning/Design			\$800	\$140				\$940
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Construction		\$1,410		\$100	\$2,600			\$4,110
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction							\$13,060	\$13,060
White Bear Avenue	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Right of way	\$300			\$300				\$600
Total						\$14,945	\$1,630	\$1,700	\$5,335	\$2,625	\$3,250	\$13,060	\$42,545

2022 Transportation 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 B	25	Dale St to Rice St	RC	RV	Pavement Preservation		\$290						\$290
Hugo Rd	154	Park Ave to County Rd J	RC	WBT	Pavement Preservation		\$440			\$440			\$880
Jackson Street	55	Arlington Ave to Larpenteur Ave	RC	SP	Pavement Preservation		\$170						\$170
Lexington Avenue	51	Highway 36 to County Rd C2	RC	RV	Pavement Preservation		\$760						\$760
McKnight Road	68	Beam Ave to County Rd D	RC	MW/NSP	Pavement Preservation		\$350						\$350
Old Highway 8	77	CR D to 5th Ave.	RC	NB	Right of way		\$55		\$55				\$110
Parkway Avenue	27	Larpenteur Ave to US 61	RC	MW	Pavement Preservation		\$200						\$200
Randolph Avenue	38	I-35E to West 7th St	RC	SP	Pavement Preservation		\$485						\$485
Rice Street	49	County Rd B2 to Owasso Blvd N	RC	LC/RV	Pavement Preservation			\$875					\$875
St Paul Avenue	46	Edgcumbe Rd to Cleveland Ave	RC	SP	Pavement Preservation		\$395						\$395
Total						\$0	\$3,145	\$875	\$55	\$440	\$0	\$0	\$4,515

Pedestrian / Bicycle Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Larpenteur Ave	30	McKnight Ave to Sterling St	MW	MW	Planning/Design		\$100		\$25				\$125
Lexington Avenue	51	Sherren st. to Sandhurst Dr.	RV	RV	Construction		\$170		\$170				\$340
Marion Street	56	St Anthony Ave to Como Ave	SP	SP	Construction		\$250						\$250
University Avenue	34	Wheeler St to Arundel St.	RC	SP	Construction		\$60				\$860		\$920
Various					Ped/Bike Facilities		\$50						\$50
Various					ADA Compliance		\$800						\$800
Total						\$0	\$1,430	\$0	\$195	\$0	\$860	\$0	\$2,485

2022 Transportation Projects

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	Planning/Design		\$200						\$200
Edgerton Street	58	at Centerville Rd.	RC	VH	Planning/Design		\$220						\$220
Hamline Avenue	50	at Clarmar Ave.	RV	RV	Construction		\$50		\$50				\$100
Various					Drainage Systems		\$200						\$200
Total						\$0	\$670	\$0	\$50	\$0	\$0	\$0	\$720

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Hamline Avenue		Highway 36	MnDOT	RV	Signal Reconstruction		\$190		\$95	\$95			\$380
Pierce Butler Rte	33	at Minnehaha Ave	SP	SP	Signal Reconstruction		\$835		\$185				\$1,020
Silver Lake Road	44	I-694 South and North Ramps	MnDOT	NB	Signal Reconstruction		\$310		\$80	\$310			\$700
Various					Bridges		\$100						\$100
Various					Roadway Appurtenances		\$100						\$100
Various					Traffic Signals		\$300						\$300
Various					Traffic Studies		\$200						\$200
Various					Crack Seal		\$200						\$200
Total						\$0	\$2,235	\$0	\$360	\$405	\$0	\$0	\$3,000

Roadway Total	\$14,945	\$9,110	\$2,575	\$5,995	\$3,470	\$4,110	\$13,060	\$53,265
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2022 Transportation Projects

Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRRA	Wash Co / WCRRRA	Ramsey County	RCRRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$77,880	\$4,400		\$34,100	\$21,240	\$5,530	\$143,150
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MW, VH, GL, WBL, WBT	Planning/Design					\$36,000	\$4,000	\$40,000
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design							
Total						\$77,880	\$4,400	\$0	\$34,100	\$57,240	\$9,530	\$183,150

2023 Transportation 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	\$3,535			\$1,440				\$4,975
County Road E	15	at Old Snelling Ave.	AH	AH	Construction	\$1,125			\$375				\$1,500
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Right of way	\$250			\$500			\$250	\$1,000
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV/VH	Construction			\$9,640	\$1,725				\$11,365
Otter Lake Rd	60	CSAH 96 to 4th Ave	RC	WB	Right of way	\$550			\$550				\$1,100
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Construction			\$5,000	\$1,300				\$6,300
White Bear Avenue	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Construction	\$7,645	\$180		\$375				\$8,200
Total						\$13,105	\$180	\$14,640	\$6,265	\$0	\$0	\$250	\$34,440

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		\$760						\$760
Cleveland Avenue	46	Ford Pkwy to Randolph Ave	RC	SP	Pavement Preservation		\$285						\$285
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
Labore Road	108	County Rd E to Goose Lake Rd	RC	GL/VH	Pavement Preservation		\$240						\$240
Larpenteur Avenue	30	East Shore Dr to Flandrau St	RC	MW/SP	Pavement Preservation		\$550						\$550
Old Highway 8	77	CR E to 5th Ave.	RC	NB	Preservation/Signals		\$1,000		\$300				\$1,300
Randolph Avenue	38	Cleveland Ave to Brimhall St	RC	SP	Pavement Preservation		\$540						\$540
Old Snelling Ave N	76	County Rd E to County Highway 96	RC	AH	Pavement Preservation		\$1,030						\$1,030
Total						\$0	\$5,065	\$0	\$300	\$0	\$0	\$0	\$5,365

2023 Transportation Projects

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	Right of Way	\$200			\$200				\$400
Larpenteur Avenue	30	Dale St to Farrington St	SP	SP	Construction		\$200		\$200				\$400
Larpenteur Avenue	30	Hamline Ave to Victoria St	SP	SP	Construction		\$240		\$240				\$480
Various					Ped/Bike Facilities	\$140	\$420						\$560
Various					ADA Compliance		\$800						\$800
Total						\$340	\$1,660	\$0	\$640	\$0	\$0	\$0	\$2,640

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Drainage Systems		\$600						\$600
Total						\$0	\$600	\$0	\$0	\$0	\$0	\$0	\$600

2023 Transportation Projects

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Fairview Avenue	48	at TH 36 ramps	MnDOT	RV	Signal reconstruction	\$310			\$80	\$310			\$700
Little Canada Road	21	at I-35E Ramps	MnDOT	LC	Signal reconstruction	\$440			\$65	\$410			\$915
McKnight Road and White Bear Avenue	68 & 65	at TH 5	MnDOT	SP/MW	Signal reconstruction	\$350							\$350
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$150						\$150
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$1,100	\$1,250	\$0	\$145	\$720	\$0	\$0	\$3,215

Roadway Total	\$14,545	\$8,755	\$14,640	\$7,350	\$720	\$0	\$250	\$46,260
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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	\$77,880			\$34,100	\$21,240	\$5,530	\$138,750
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MW, VH, GL, WBL, WBT	Planning/Design					\$22,500	\$2,500	\$25,000
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design							
Total						\$77,880	\$0	\$0	\$34,100	\$43,740	\$8,030	\$163,750

2024 Transportation 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 D	19	Greenbrier St. to CR D Cir.	RC	LC/MW/VH	Right of way	\$200			\$200				\$400
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Construction	\$5,000			\$2,400		\$7,000		\$14,400
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Right of way		\$325		\$325				\$650
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Right of way	\$200			\$200				\$400
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Right of way	\$200			\$200				\$400
Otter Lake Road	60	CSAH 96 to 4th Ave	RC	WB	Construction	\$4,055			\$230				\$4,285
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Right of way			\$200	\$200				\$400
Total						\$9,655	\$325	\$200	\$3,755	\$0	\$7,000	\$0	\$20,935

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Dale Street	53	Como Ave to Highway 36	RC	RV/SP	Preservation/Signals	\$1,215			\$310		\$2,000		\$3,525
Various					Pavement Preservation	\$1,000	\$5,800						\$6,800
Total						\$2,215	\$5,800	\$0	\$310	\$0	\$2,000	\$0	\$10,325

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	\$625	\$675						\$1,300
Various					ADA Compliance		\$600						\$600
Total						\$625	\$1,275	\$0	\$0	\$0	\$0	\$0	\$1,900

2024 Transportation Projects

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Drainage Systems		\$600						\$600
Total						\$0	\$600	\$0	\$0	\$0	\$0	\$0	\$600

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$0	\$1,600	\$0	\$0	\$0	\$0	\$0	\$1,600

Roadway Total	\$12,495	\$9,600	\$200	\$4,065	\$0	\$9,000	\$0	\$35,360
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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	\$77,880			\$34,100	\$21,240	\$5,530	\$138,750
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction	\$81,670				\$42,830	\$13,830	\$138,330
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$8,960		\$18,820	\$2,090	\$29,870
Total						\$159,550	\$0	\$8,960	\$34,100	\$82,890	\$21,450	\$306,950

2025 Transportation 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 D	19	Greenbrier St. to CR D Cir.	RC	LC/MW/VH	Construction	\$3,965			\$500				\$4,465
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Construction		\$1,780		\$450				\$2,230
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Construction	\$3,060			\$500	\$7,200			\$10,760
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Construction	\$2,590			\$1,690	\$8,100			\$12,380
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Construction			\$7,000	\$805				\$7,805
TH 36	NA	TH 120 (Century Ave)	MnDOT	NSP/Oak	Construction					\$20,000	\$30,000		\$50,000
Total						\$9,615	\$1,780	\$7,000	\$3,945	\$35,300	\$30,000	\$0	\$87,640

Roadway Pavement Preservation Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
White Bear Avenue	65	Frost Ave. to Beam Ave.	RC	MW/WB	Preservation	\$700							\$700
Old Highway 8	77	CR D to CR E	RC	NB	Preservation	\$800							\$800
Various					Pavement Preservation	\$1,400	\$4,600						\$6,000
Total						\$2,900	\$4,600	\$0	\$0	\$0	\$0	\$0	\$7,500

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	RC	MW	Construction	\$500			\$500				\$1,000
Various					Ped/Bike Facilities	\$400	\$400						\$800
Various					ADA Compliance		\$600						\$600
Total						\$900	\$1,000	\$0	\$500	\$0	\$0	\$0	\$2,400

2025 Transportation Projects

Stormwater Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Drainage Systems		\$600						\$600
Total						\$0	\$600	\$0	\$0	\$0	\$0	\$0	\$600

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$200						\$200
Total						\$0	\$1,600	\$0	\$0	\$0	\$0	\$0	\$1,600

Total	\$13,415	\$9,580	\$7,000	\$4,445	\$35,300	\$30,000	\$0	\$99,740
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Transitway Improvements												
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	CTIB / State	Henn Co / HCRRRA	Wash Co / WCRRRA	Ramsey County	RCRRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction							\$0
Rush Line		Saint Paul, White Bear Lake	Metro Transit	STP, MPL, VH, GL, WBL, WBT	Construction	\$81,670				\$42,830	\$13,830	\$138,330
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design			\$8,960		\$18,820	\$2,090	\$29,870
Total						\$81,670	\$0	\$8,960	\$0	\$61,650	\$15,920	\$168,200

2021-2025 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	2025
Jackson Street	55	over BNSF RR	90408	66.1	no	no	yes	2025
Jackson Street	55	over BNSF RR	90409	33.6	no	no	yes	2025
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	TBD
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.

Department of 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:
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.

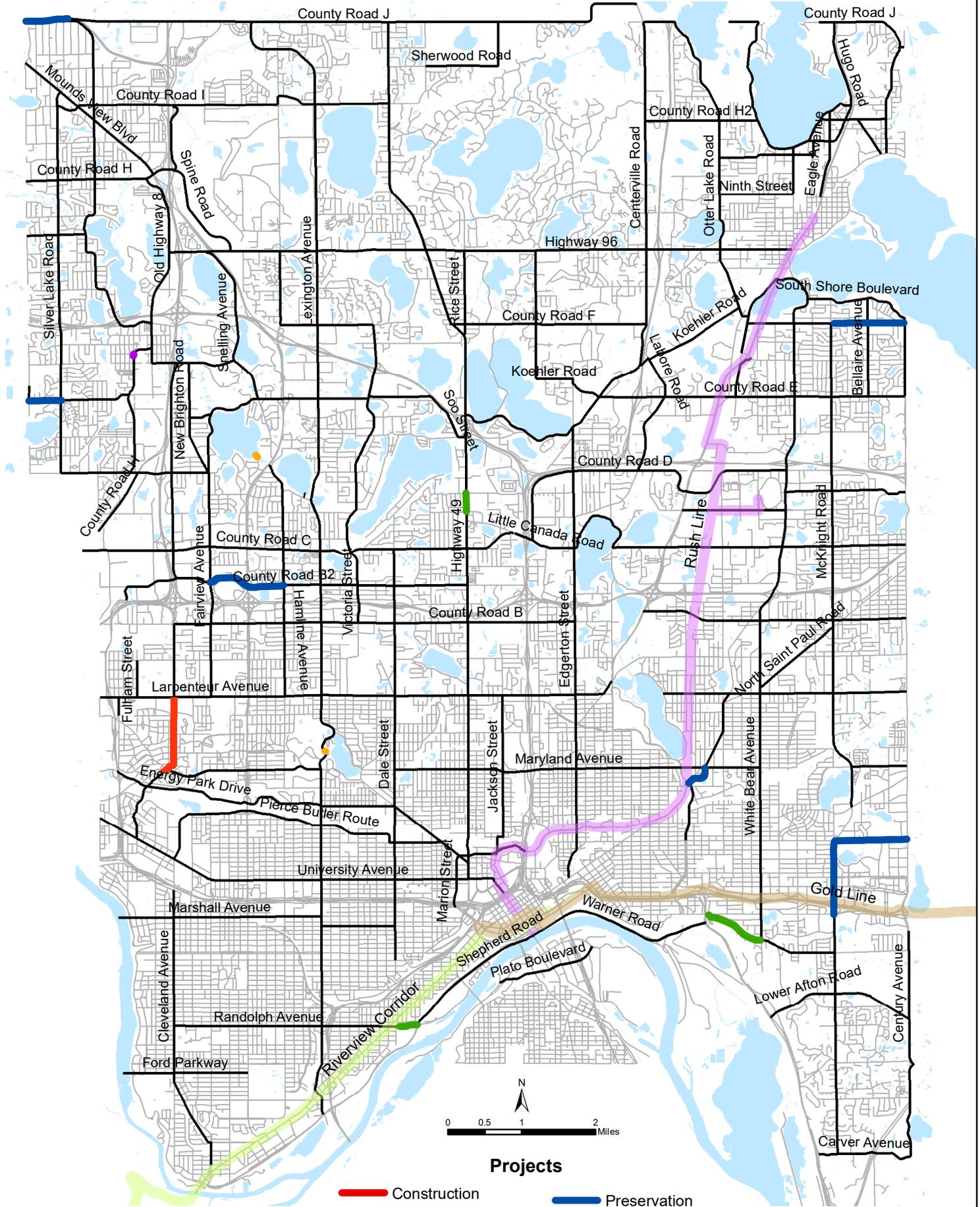
Retaining Walls are generally constructed to reduce right of way impacts or to protect environmental resources such as wetlands or wooded areas. County cost participation will be at the 50% level for those wall installations similar to ROW cost participation. In situations where wall options are locally 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

Ramsey County Minnesota Year 2021 Transportation Improvement Projects (TIP)



Projects

- Construction
- Pedestrian/Bicycle
- Stormwater
- Preservation
- Signal reconstruction

Ramsey County Minnesota Year 2021-2025 Transportation Improvement Projects (TIP)

