



*County Road C reconstruction project between
New Brighton Boulevard and Long Lake Road.*



2020 - 2024

Transportation Improvement Program and Deficient Bridge Program

RAMSEY COUNTY BOARD OF COMMISSIONERS

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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	2020	2021	2022	2023	2024	Total
Cleveland Avenue	46	Como Ave. to Larpenteur Ave.	RC	FH/SP	Construction	\$620	\$7,760				\$8,380
County Road B	25	Snelling Ave. to Lexington Ave.	RC	RV	Construction		\$1,150	\$7,535			\$8,685
County Road B2	78	at Lexington Ave.	RC	RV	Construction	\$170	\$200	\$835			\$1,205
County Road D	19	Edgerton St. to Greenbrier St.	LC	LC/VH	Construction	\$2,165					\$2,165
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
Dale Street	53	Iglehart Ave. to University Ave.	RC	SP	Construction	\$11,405					\$11,405
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Construction			\$250	\$650	\$2,230	\$3,130
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV	Construction	\$1,325	\$1,200	\$10,610			\$13,135
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Construction	\$400	\$400		\$12,380		\$13,180
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Construction			\$600	\$400	\$10,760	\$11,760
Lexington Avenue	51	CR E to I-694	RC	AH/SV	Construction	\$600	\$13,755				\$14,355
Lexington Parkway	51	W. 7th St. to 850' N.	RC	SP	Construction	\$6,035					\$6,035
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction	\$300	\$500	\$4,000			\$4,800
Old Highway 8	77	CR D to 4th Ave.	RC	NB	Construction	\$175	\$110	\$2,295			\$2,580
Otter Lake Rd	60	CSAH 96 to 4th Ave	RC	WB	Construction		\$460		\$1,100	\$4,285	\$5,845
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	\$75	\$100	\$700			\$875
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Construction			\$870	\$400	\$7,805	\$9,075
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Construction	\$300	\$400	\$3,600			\$4,300
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction	\$1,000	\$13,060				\$14,060
White Bear Ave	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Construction		\$430	\$3,450			\$3,880
					Total	\$24,760	\$42,765	\$37,245	\$26,695	\$39,480	\$170,945

5-Year Transportation Improvement Program Funding Summary

Roadway Pavement Preservation Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2020	2021	2022	2023	2024	Total
Various					Preservation	\$10,430	\$12,445	\$7,600	\$6,800	\$8,800	\$46,075

Pedestrian / Bicycle Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Proposed	2020	2021	2022	2023	2024	Total
Various					Ped/Bike	\$11,035	\$2,535	\$4,185	\$1,560	\$2,400	\$21,715

Stormwater Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2020	2021	2022	2023	2024	Total
Various					Stormwater	\$1,920	\$920	\$600	\$600	\$600	\$4,640

Miscellaneous Infrastructure Improvements											
Road Name	Road No.	Termini	Lead Agency	City	Work Type	2020	2021	2022	2023	2024	Total
Various					Miscellaneous	\$3,280	\$4,300	\$3,090	\$3,015	\$2,400	\$16,085

Roadway Total	\$51,425	\$62,965	\$52,720	\$38,670	\$53,680	\$259,460
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	2020	2021	2022	2023	2024	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Various	\$42,760	\$32,240	\$121,535	\$121,535	\$121,535	\$439,605
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Various	\$4,940	\$20,000	\$32,500	\$22,500	\$141,665	\$221,605
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Various	\$14,500				\$31,500	\$46,000
					Transitway Total	\$62,200	\$52,240	\$154,035	\$144,035	\$294,700	\$707,210

Overall Total	\$113,625	\$115,205	\$206,755	\$182,705	\$348,380	\$966,670
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2020 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	Right of way	\$310			\$310				\$620
County Road B2	78	at Lexington Ave.	RC	RV	Planning/Design	\$170							\$170
County Road D	19	Edgerton St. to Greenbrier St.	LC	LC/VH	Construction	\$1,835			\$330				\$2,165
County Road E	15	at Old Snelling Ave.	AH	AH	Planning/Design	\$145			\$45				\$190
Dale Street	53	Iglehart Ave. to University Ave.	RC	SP	Construction	\$580			\$500	\$4,155	\$6,170		\$11,405
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV	Planning/Design			\$1,060	\$265				\$1,325
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Planning/Design	\$400							\$400
Lexington Ave	51	CR E to I-694	RC	AH/SV	Right of way	\$300			\$300				\$600
Lexington Parkway	51	W. 7th St. to 850' N.	RC	SP	Construction	\$2,705			\$1,990	\$870		\$470	\$6,035
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Planning/Design				\$300				\$300
Old Highway 8	77	CR D to 4th Ave.	RC	NB	Planning/Design	\$160			\$15				\$175
Rice Street	49	Pennsylvania Ave. to Maryland Ave.	RC	SP	Planning/Design			\$75					\$75
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Planning/Design		\$300						\$300
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Planning/Design							\$1,000	\$1,000
Total						\$6,605	\$300	\$1,135	\$4,055	\$5,025	\$6,170	\$1,470	\$24,760

2020 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
Bald Eagle Boulevard	6	CR H2 to Buffalo St.	RC	WBT	Preservation		\$660						\$660
Buffalo Street	8	Bald Eagle Blve. To TH 61	RC	WBT	Preservation		\$150						\$150
Carver Avenue	43	TH 61 to Century Ave.	RC	MW	Preservation		\$800						\$800
Century Avenue	72	CR E to CR F	RC	WB/WBT	Preservation		\$335					\$335	\$670
County Road B	25	Prosperity Ave. to Century Ave.	RC	MW/NSP	Preservation		\$610						\$610
County Road H	9	Silver Lake Rd. to Old Hwy. 8	RC	MV/NB	Preservation		\$765						\$765
County Road H2	5	Centerville Rd. to Bald Eagle Blvd.	RC	WBT	Preservation		\$885						\$885
Energy Park Drive	32	Raymond Ave. to Lexington Ave.	RC	SP	Preservation		\$1,065						\$1,065
Larpenteur Avenue	30	Dale St. to I-35E	RC	MW/RV/SP	Preservation/Signals	\$1,205							\$1,205
Maryland Avenue	31	Arkwright St to Payne Ave	RC	SP	Preservation	\$250							\$250
McKnight Road	68	Pond Ave. to Burns Ave and Stillwater Rd to 7th Ave E	RC	MW/SP	Preservation/Signals	\$2,750							\$2,750
Otter Lake Road	60	Scheunemann Rd. to CSAH 96	RC	GL/WBT	Preservation		\$620						\$620
Plato Boulevard	40	Wabasha St. to Fillmore St.	RC	SP	Preservation		\$735						\$735
White Bear Avenue	65	Frost Ave.to Cope Ave.	RC	MW	Preservation		\$345						\$345
White Bear Avenue	65	Hill St. to Radatz Rd.	RC	MW	Preservation		\$150						\$150
Total						\$4,205	\$5,890	\$0	\$0	\$0	\$0	\$335	\$10,430

2020 Transportation Projects

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	\$60			\$60				\$120
Como Avenue	31,75	Raymond Ave. to Hamline Ave.	SP	SP	Construction	\$90			\$1,430		\$1,960		\$3,480
County Road E	15	Labore Rd. to Big Fox Rd.	GL	GL	Construction	\$40			\$40				\$80
Hamline Avenue	50	Eide Cir. to Wyncrest Ct.	AH	AH	Construction	\$55			\$55				\$110
Johnson Parkway	64	Minnehaha Ave. to Phalen Blvd.	SP	SP	Construction	\$228			\$622		\$5,500		\$6,350
Maryland Avenue	31	Rice st. to Dale St.	RC	SP	Construction	\$105							\$105
McKnight Road	68	Mailand Rd. to Londin Ln.	SP	SP	Construction	\$25			\$25				\$50
Randolph Avenue	38	Toronto St. to Shepard Rd.	SP	SP	Construction	\$60			\$60				\$120
Silver Lake Road	44	at Rice Creek Trail and MNRR	RC	NB	Construction	\$295					\$325		\$620
Total						\$958	\$0	\$0	\$2,292	\$0	\$7,785	\$0	\$11,035

2020 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 Dale St.	RV	RV	Construction	\$150							\$150
County Road F	19	White Bear Ave. to McKnight Rd.	RC	WB	Maintenance		\$35		\$35				\$70
Eagle Street	152	at Canadian Pacific Railroad	RC	WBT	Maintenance		\$190						\$190
Lambros Ditch	NA	Lake Johanna to Johanna Marsh	RC	AH	Construction		\$150						\$150
Larpenteur Avenue	30	500' E. of Hamline Ave.	RC	RV	Planning/Design	\$75							\$75
Larpenteur Avenue	30	at Prosperity Ave.	SP	RC	Construction		\$470						\$470
Lexington Avenue	51	at Lake Josephine Park	RC	RV	Maintenance	\$70							\$70
Lexington Parkway	51	at E. Como Lake Dr.	RC	SP	Planning/Design	\$75							\$75
Lexington Parkway	51	at Como Golf Course	RC	SP	Maintenance		\$500						\$500
Otter Lake Road	60	at 4th St.	VLAWMO	WB	Construction	\$10			\$20		\$140		\$170
Total						\$380	\$1,345	\$0	\$55	\$0	\$140	\$0	\$1,920

2020 Transportation Projects

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 design	\$55			\$55				\$110
White Bear Avenue	65	at TH 36 Ramps	MnDOT	MW	Signal reconstruction	\$385				\$385			\$770
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$1,000						\$1,000
													\$0
Total						\$440	\$2,400	\$0	\$55	\$385	\$0	\$0	\$3,280

Roadway Total	\$12,588	\$9,935	\$1,135	\$6,457	\$5,410	\$14,095	\$1,805	\$51,425
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2020 Transportation Projects

Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	Henn Co / HCRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Planning/Design			\$21,380	\$18,030	\$3,350	\$42,760
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Planning/Design					\$4,940	\$4,940
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design		\$4,080			\$10,420	\$14,500
Total						\$0	\$4,080	\$21,380	\$18,030	\$18,710	\$62,200

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	\$6,890			\$870				\$7,760
County Road B	25	Snelling Ave.to Lexington Ave.	RC	RV	Planning/Design	\$940							\$940
County Road B	25	Snelling Ave.to Lexington Ave.	RC	RV	Right of way	\$105			\$105				\$210
County Road B2	78	at Lexington Ave.	RC	RV	Right of way	\$100			\$100				\$200
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/VH/MW	Planning/Design	\$450			\$110				\$560
County Road E	15	at Old Snelling Ave.	AH	AH	Right of way	\$200			\$200				\$400
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	Right of way			\$600	\$600				\$1,200
Jackson Street	55	Rose Ave. to Arlington Ave.	RC	SP	Right of way	\$200			\$200				\$400
Lexington Avenue	51	CR E to I-694	RC	AH/SV	Construction	\$11,440			\$2,315				\$13,755
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Right of way				\$500				\$500
Old Highway 8	77	CR D to 4th Ave.	RC	NB	Right of way	\$55			\$55				\$110
Otter Lake Rd	60	CSAH 96 to 4th Ave	RC	WB	Planning/Design	\$435			\$25				\$460
Rice Street	49	Maryland Ave. to Wheelock Pkwy	RC	SP	Planning/Design			\$700	\$80				\$780
Rice Street	49	Pennsylvania Ave. to Maryland Ave.	RC	SP	Right of way			\$50	\$50				\$100
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Right of way		\$200		\$200				\$400
TCAAP Spine Road		CSAH 96 to CR H	RC	AH	Construction	\$2,360						\$10,700	\$13,060
White Bear Ave	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Planning/Design	\$345			\$85				\$430
Total						\$23,520	\$200	\$1,350	\$5,495	\$1,500	\$0	\$10,700	\$42,765

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	\$3,905			\$800				\$4,705
McKnight Road	68	Burns Ave. to Stillwater Blvd	RC	MW/SP	Preservation/Signals	\$1,580			\$360				\$1,940
Various					Pavement Preservation		\$5,800						\$5,800
Total						\$5,485	\$5,800	\$0	\$1,160	\$0	\$0	\$0	\$12,445

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
University Avenue	34	Curfew St. to Farrington St.	RC	SP	Construction	\$270					\$665		\$935
Various					Ped/Bike Facilities		\$800						\$800
Various					ADA Compliance		\$600						\$600
Total						\$370	\$1,400	\$0	\$100	\$0	\$665	\$0	\$2,535

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	LC	Planning/Design	\$220							\$220
Hamline Avenue	50	at Clarmar Ave.	RV	RV	Construction		\$50		\$50				\$100
Various					Drainage Systems		\$400						\$400
Total						\$220	\$650	\$0	\$50	\$0	\$0	\$0	\$920

2021 Transportation Projects

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Cleveland Avenue	46	at CR B	RC	RV	Signal Reconstruction		\$150		\$75	\$300			\$525
Old Highway 8	77	at 8th Ave. NW	NB	NB	Signal Construction	\$150			\$150				\$300
Pierce Butler Rte	33	at Minnehaha Ave	RC	SP	Signal Reconstruction	\$835	\$835		\$185				\$1,855
Various			RC	SP	Signal Interconnect		\$680		\$40				\$720
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$0						\$0
Various					Traffic Studies		\$100						\$100
Total						\$985	\$2,565	\$0	\$450	\$300	\$0	\$0	\$4,300

Roadway Total	\$30,580	\$10,615	\$1,350	\$7,255	\$1,800	\$665	\$10,700	\$62,965
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	Henn Co / HCRRRA	Wash Co / WCRRRA	Ramsey County	RCRRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Planning/Design			\$16,120	\$14,470	\$1,650	\$32,240
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	\$16,120	\$32,470	\$3,650	\$52,240

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	Construction	\$5,640			\$1,895				\$7,535
County Road B2	78	at Lexington Ave.	RC	RV	Construction	\$85					\$750		\$835
County Road D	19	Greenbrier St. to CR D Cir.	RC	LC/VH/MW	Right of way	\$200			\$200				\$400
County Road E	15	at Old Snelling Ave.	AH	AH	Construction	\$1,125			\$375				\$1,500
Eustis Street	127	St Paul Border to Larpenteur Ave	RC	LD	Planning/Design		\$200		\$50				\$250
Hodgson Road	49	Gramsie Rd. to CSAH 96	RC	SV	Construction			\$6,630	\$3,980				\$10,610
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Planning/Design	\$600							\$600
Lexington Parkway	51	Shepard Rd. to W. 7th St.	RC	SP	Construction				\$1,500		\$2,500		\$4,000
Old Highway 8	77	CR D to 4th Ave.	RC	NB	Construction	\$2,130			\$165				\$2,295
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			\$700	\$170				\$870
South Shore Blvd	94	White Bear Ave to CR F	RC	WB/WBT	Construction		\$1,000			\$2,600			\$3,600
White Bear Ave	65	Larpenteur Ave to North St Paul Rd	RC	MW/SP	Construction	\$3,260			\$190				\$3,450
Total						\$13,040	\$1,200	\$8,230	\$8,925	\$2,600	\$3,250	\$0	\$37,245

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
Maryland Avenue	31	150' E. of Clark St. to Edgerton St.	RC	SP	Preservation/Signals	\$800							\$800
Various					Pavement Preservation	\$1,000	\$5,800						\$6,800
Total						\$1,800	\$5,800	\$0	\$0	\$0	\$0	\$0	\$7,600

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	RC	MW	Planning/Design	\$100			\$25				\$125
Lexington Avenue	51	Sherren st. to Sandhurst Dr.	RV	RV	Construction	\$170			\$170				\$340
Randolph Avenue	38	Toronto Ave. to Shepard Rd.	SP	SP	Construction	\$55			\$65		\$1,960		\$2,080
Upper Afton Road	35	Burns Ave. to White Bear Ave.	SP	SP	Construction	\$120			\$120				\$240
Various					Ped/Bike Facilities		\$800						\$800
Various					ADA Compliance		\$600						\$600
Total						\$445	\$1,400	\$0	\$380	\$0	\$1,960	\$0	\$4,185

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

2022 Transportation Projects

Miscellaneous Infrastructure Improvements													
Road Name	Road No.	Termini	Lead Agency	City	Work Type	CSAH	County	County Turnback	Local	State	Federal	Other	Total
Silver Lake Rd	44	I-694 South and North Ramps	MnDOT	NB	Signal Reconstruction		\$310		\$80	\$310			\$700
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$490						\$490
Various					Traffic Studies		\$100						\$100
Various					Crack Seal		\$1,000						\$1,000
													\$0
Total						\$0	\$2,700	\$0	\$80	\$310	\$0	\$0	\$3,090

Roadway Total	\$15,285	\$11,700	\$8,230	\$9,385	\$2,910	\$5,210	\$0	\$52,720
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	Henn Co / HCRRA	Wash Co / WCRRA	Ramsey County	RCRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$69,150		\$26,190	\$20,110	\$6,085	\$121,535
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Planning/Design				\$29,250	\$3,250	\$32,500
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design						
Total						\$69,150	\$0	\$26,190	\$49,360	\$9,335	\$154,035

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 D	19	Greenbrier St. to CR D Cir.	RC	LC/VH/MW	Construction	\$3,965			\$500				\$4,465
County Road J	81	Centerville Rd. to Otter Lake Rd.	RC	NO/WBT	Right of way	\$250			\$500			\$250	\$1,000
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	Construction	\$2,590			\$1,690	\$8,100			\$12,380
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
Rice Street	49	Wheelock Pkwy. to CR B	RC	MW/RV/SP	Right of way			\$200	\$200				\$400
Total						\$7,555	\$325	\$5,200	\$5,265	\$8,100	\$0	\$250	\$26,695

2023 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
Various					Pavement Preservation	\$1,000	\$5,800						\$6,800
Total						\$1,000	\$5,800	\$0	\$0	\$0	\$0	\$0	\$6,800

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	RC	MW	Right of Way	\$200			\$200				\$400
Larpenteur Ave	30	Hamline Ave to Victoria St	SP	SP	Construction		\$240		\$240				
Various					Ped/Bike Facilities		\$560						\$560
Various					ADA Compliance		\$600						\$600
Total						\$200	\$1,400	\$0	\$440	\$0	\$0	\$0	\$1,560

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 Rd	21	at I-35E Ramps	MnDOT	LC	Signal reconstruction	\$440			\$65	\$410			\$915
Various					Bridges		\$400						\$400
Various					Roadway Appurtenances		\$400						\$400
Various					Traffic Signals		\$500						\$500
Various					Traffic Studies		\$100						\$100
Total						\$750	\$1,400	\$0	\$145	\$720	\$0	\$0	\$3,015

Roadway Total	\$9,505	\$9,525	\$5,200	\$5,850	\$8,820	\$0	\$250	\$38,670
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	Henn Co / HCRRRA	Wash Co / WCRRRA	Ramsey County	RCRRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$69,150		\$26,190	\$20,110	\$6,085	\$121,535
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MW, VH, GL, WBL, WBT	Planning/Design				\$20,250	\$2,250	\$22,500
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design						
Total						\$69,150	\$0	\$26,190	\$40,360	\$8,335	\$144,035

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
Jackson Street	55	Pennsylvania Ave. to Acker St.	RC	SP	Construction	\$3,060			\$500	\$7,200			\$10,760
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	Construction		\$1,780		\$450				\$2,230
Otter Lake Rd	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	Construction			\$7,000	\$805				\$7,805
Total						\$12,115	\$1,780	\$7,000	\$4,385	\$7,200	\$7,000	\$0	\$39,480

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	\$2,000							\$2,000
Various					Pavement Preservation	\$1,000	\$5,800						\$6,800
Total						\$3,000	\$5,800	\$0	\$0	\$0	\$0	\$0	\$8,800

2024 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 Ave	30	McKnight Ave to Sterling St	RC	MW	Construction	\$500			\$500				\$1,000
Various					Ped/Bike Facilities		\$800						\$800
Various					ADA Compliance		\$600						\$600
Total						\$500	\$1,400	\$0	\$500	\$0	\$0	\$0	\$2,400

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

2024 Transportation Projects

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		\$1,000						\$1,000
Total						\$0	\$2,400	\$0	\$0	\$0	\$0	\$0	\$2,400

Roadway Total	\$15,615	\$11,980	\$7,000	\$4,885	\$7,200	\$7,000	\$0	\$53,680
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Transitway Improvements											
Transitway		Termini	Lead Agency	City	Work Type	Federal 5309	Henn Co / HCRRRA	Wash Co / WCRRRA	Ramsey County	RCRRRA	Total
Gold Line		Saint Paul, Woodbury	Metro Transit	Saint Paul	Construction	\$69,150		\$26,190	\$20,110	\$6,085	\$121,535
Rush Line		Saint Paul, White Bear Lake	Ramsey County	STP, MPL, VH, GL, WBL, WBT	Construction	\$81,670			\$45,830	\$14,165	\$141,665
Riverview		Saint Paul, Bloomington	Ramsey County	Saint Paul	Planning/Design		\$9,450		\$19,845	\$2,205	\$31,500
Total						\$ 150,820	\$ 9,450	\$ 26,190	\$ 85,785	\$ 22,455	\$ 294,700

2020-2024 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	34.5	no	no	yes	2020
Jackson Street	55	over BNSF RR	90408	67.8	no	no	yes	2021
Jackson Street	55	over BNSF RR	90409	30.6	no	no	yes	2021
Old Highway 8	77	over MCRR	4533	43.6	no	no	yes	2022
County Road C	23	over BNSF RR	62519	60.7	yes	yes	yes	TBD
Lexington Avenue	51	over BNSF RR	5583	37.0	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.
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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.

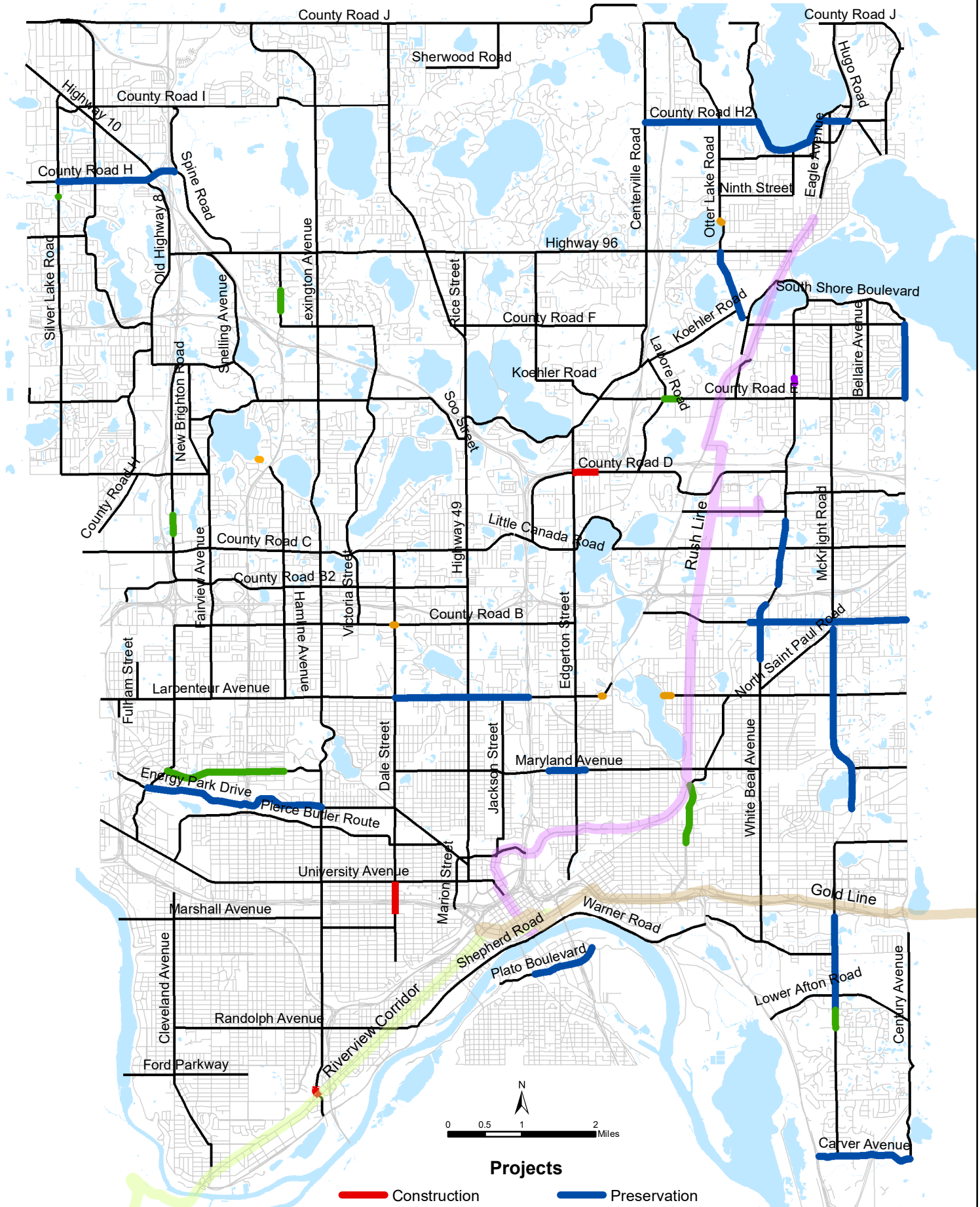
Retaining Walls are generally constructed to reduce right of way impacts or to protect environmental resources such as wetlands or wooded areas. County cost participation will be at the 50% level for those wall installations similar to ROW cost participation. In situations where wall options are locally 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 2020 Transportation Improvement Projects (TIP)



Projects

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

Ramsey County Minnesota Years 2020-2024 Transportation Improvement Projects (TIP)

