



**Ramsey County Public Works Department  
2015-2019  
Transportation Improvement Program**



**RAMSEY COUNTY PUBLIC WORKS DEPARTMENT**

**2015 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM  
AND  
DEFICIENT BRIDGE PROGRAM**

**RAMSEY COUNTY BOARD OF COMMISSIONERS**

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**Prepared by the Ramsey County Public Works Department  
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# Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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# Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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## INTRODUCTION

The Ramsey County Department of Public Works is responsible for providing the network of County roads that, combined with the Interstate Highway system, the State Trunk Highway system, and the municipal street system, serves the needs of the driving public and bus-based transit in the County. Ramsey County consists of 108,864 acres of land (170.1 square miles) with a 2010 population of 508,640.

There are two types of roads under the jurisdiction of the County: County State Aid Highways, totaling 264.108 miles and numbered 1 through 79, whose construction and maintenance are funded primarily from the Minnesota Highway User Tax Distribution Fund. County roads, totaling 21.031 miles in length and numbered 80 through 163, which are funded from property taxes. All of these roads and the 91 bridges on them require monitoring and maintenance by the Public Works Department of Ramsey County. The improvements scheduled to be performed to these roads and bridges are in the years 2015-2019 are contained in this Transportation Improvement Program.

The Transportation Improvement Program was developed by assessing the condition of the existing system and its ability to meet the public's needs. Deficiencies were analyzed and alternatives to correct them considered. Priorities were established through community involvement. The need for a project is considered along with technical staff capabilities and funding availability. Scores were developed for projects by assessing these and other factors to determine how projects should be prioritized for implementation.

The Department of Public Works has reinstated a process to solicit projects from municipalities. Quarterly meetings will be held with municipal engineers and their input will be used to identify and prioritize projects.

As the population of the Twin Cities metropolitan area grows, it will not be feasible to serve the area's transportation needs by expanding the road systems. Strategic initiatives to mitigate congestion and improve the efficiency of the system, and to complement transit, will become crucial to the viability of the road system. As projects are identified to manage traffic, they will be incorporated in the Transportation Improvement Plan.

The Transportation Improvement Program consists of a five-year schedule of projects proposed for implementation by the Ramsey County Department of Public Works. The first year of the Transportation Improvement Program includes identified projects that will be implemented upon acceptance of the public involvement process and the availability of funds.

There are seven categories of projects included in the Transportation Improvement Program: construction projects for 2015, maintenance projects for 2015, capital improvement projects for 2016, 2017, 2018, and 2019 and a bridge improvement program.

The estimated costs identified in this program are based on Ramsey County's experience in the reconstruction of similar roadways. The expected cost of preliminary and construction engineering, estimated at 25% of the total construction cost, and right of way acquisition, based on current comparable costs, are included in the project estimates.



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The Ramsey County cost participation policy is included as Appendix B. This policy was revised by the Ramsey County Board of Commissioners as part of the 2013-2017 TIP on May 28, 2013.

A tabulation of deficient bridges is found on Page 12. Bridges are inspected biannually to ensure their safety.

A tabulation of identified pavement deficiencies is included on Page 12. These will be prioritized to determine subsequent years' maintenance projects.

A summary of projects from 2013, and of projects from previous years that are not yet completed, is included in Appendix A. With the increasing complexity of road construction, it will become more common for projects to carry over from their starting year into a second, or even third, construction season, so the Transportation Improvement Program will track projects to their completion.

The Ramsey County Department of Public Works will annually review the projects within the Transportation Improvement Program. Funding for the program will also be reviewed annually. Projects will be added to the program based on the annual funding analysis.

# Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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## **DEFINITIONS OF HEADINGS AND ABBREVIATIONS USED IN TIP**

Location:	Name of road
Rd. #:	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; Other- other funds sources; Total - Total cost of the project.

Implementation of projects contained in this Transportation Improvement Program is dependent upon acceptance via the required public involvement process and the availability of funds. Funds indicated may be requested, but will not necessarily be received. If the funds are not received from all sources, the projects could be delayed. Projects must meet acceptable standards as well as other criteria in order to qualify for the funding as shown.

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### 2015 Construction Projects

Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
Lexington Avenue	51	I-694 to Cummings Park Dr.	AH/SV	reconstruction	4,769		1,484	252 (2)	1,000 (1)	7,505
Highway 96	96	Centerville Rd. to White Bear Pkwy.	VH/WB	interchange reconstruction		1,106	200	4,454		5,760
Highway 96	96	Old Highway 8 to I-35W	AH/NB	interchange reconstruction		2,000	200	2,500	8,800 (4)	13,500
Ford Parkway	42	Howell St. to Snelling Ave.	SP	reconstruction	2,300		1,200		2,640 (3)	6,140
Maryland Avenue	31	at BNSF RR	SP	bridge reconstruction	90			155	748 (3)	993
Larpenteur Avenue	30	McMenemy St. to Parkway Dr.	MW/SP	three-lane conversion	33				212 (3)	245
Raymond Avenue	46	Hampden Ave. to Energy Park Dr.	SP	reconstruction	535		540		1,000 (3)	2,075
County Road B	25	Birmingham St. to Van Dyke St.	MW	sidewalk/signals	463		361		393 (3)	1,217
Randolph Avenue	38	Brimhall St. to Syndicate St..	SP	reconstruction	3,000		400			3,400
County Road E	15	at TH 51	AH	bridge reconstruction	248		124	410	3,040 (3)	3,822
County Road E	15	TH 51 to Lexington Ave.	AH	turn lanes, signals, medians	1,174		279			1,453
Victoria Street	52	CR B to CR B2	RV	sidewalk construction	120			145		265
County Road I	3	I-35W Ramp & Rice creek Pkwy.	AH/SV	roundabout construction					3,000 (4)	3,000
County Road E	15	White Bear Ave., Bellaire	WB	signal reconstruction	1,163		60			1,223

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Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
Centerville Road	19	Little Canada Rd. to Edgerton St.	LC	reconstruction	1,971		844			2,815
I-35E		Maryland Ave. to Arlington St.	SP	trail construction					295 (5)	295
Various				signal revisions-APS	50					50
Various				RR Xing surface	50					50
Hodgson Road (TIP Amendment 1)	49	CSAH 96 to 350' N. of Village Center Dr.	NO	sidewalk	40		50			90
Old Highway 8 (TIP Amendment 1)	46	at 10 <sup>th</sup> Street	NB	signals and geometrics	263		2322			2,585
McKnight Road (TIP Amendment 1)	68	at I-94	MW/SP	signals and sidewalk	70		70	140		280
Cleveland Avenue (TIP Amendment 2)	46	CR C to Iona Ln.	RV	bituminous paving	100					100
Ford Parkway (TIP Amendment 2)	42	at Mississippi River	SP	engineering services	250					250
Jackson Street (TIP Amendment 2)	55	Bridge No. 5664	SP	engineering services	1,500					1,500
<b>Totals</b>					<b>18,189</b>	<b>3,106</b>	<b>8,279</b>	<b>7,911</b>	<b>21,128</b>	<b>58,613</b>

(1) DEED Transportation and Economic Development funds (2) MnDOT Cooperative Agreement Funds (3) Federal Funds (4) Legislative Funds (5) Wheelage Tax



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### 2015 Maintenance Projects

Location	Road No.	Termini	City	Work Type	CSAH	County	Wheelage Tax	Total
<b>Cleveland Avenue</b>	46	Randolph Ave. to Summit Ave.	SP	mill & overlay	608			608
<b>Rice Street</b>	49	University Ave. to RR bridge	SP	mill & overlay	247			247
<b>Larpenteur Avenue</b>	30	Edgerton St. to Parkway Dr.	MW?SP	CIR	168			168
<b>Bellaire Avenue</b>	160	CR E to South Shore Dr.	WBL/WBT	mill & overlay		829		829
<b>Lexington Avenue</b>	51	Pleasant Ave. to Randolph Ave.	SP	mill & overlay		138		138
<b>Victoria St.</b>	52	CR B to Lovell Ave.	RV	mill & overlay		119		119
<b>Front Avenue</b>	32	Lexington Ave. to Dale St.	SP	mill & overlay		272		272
<b>Pennsylvania Avenue</b>	33	Como Ave. to Rice St.	SP	mill & overlay		68		68
<b>Marion Street</b>	56	St. Anthony Ave. to Como Ave.	SP	mill & overlay		546		546
<b>Pierce Butler Route</b>	33	University Ave. to Snelling Ave.	SP	mill & overlay			455	455
<b>White Bear Avenue</b>	65	Frost Ave. To Cope Ave.	MW	overlay			256	256
<b>White Bear Avenue</b>	65	Hill Dr. to Raddatz Ave.	MW	overlay			393	393
<b>Como Avenue</b>	32	Marion St. to Rice St.	SP	mill & overlay			44	44

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

Location	Road No.	Termini	City	Work Type	CSAH	County	Wheelage Tax	Total
St. Croix Street	24	TH 280 to Terminal Rd.	RV	overlay			45	45
Cleveland Avenue	46	Larpenteur Ave. to CR B	RV	mill & overlay			329	329
Otter Lake Road	60	Hennesey Vista to CR H2	WBT	CIR			320	320
White Bear Avenue	65	RR Bridge to Larpenteur Ave.	SP	mill & overlay			492	492
Dale Street	53	220' N. of TH 36 to CR C	RV	mill & overlay			212	212
Lexington Avenue	51	CSAH 96 to CR I	AH/SV	mill & overlay			794	794
County Road I	3	Lexington Ave. to Hodgson Rd.	SV	mill & overlay			260	260
Various				culvert replacement	525			525
Various				retaining walls	750			750
Various				crack seal	350			350
<b>Totals</b>					<b>2,648</b>	<b>1,972</b>	<b>3,600</b>	<b>8,220</b>

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### 2016 Construction Projects

Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
County Road H	9	Old Highway 8 to I-35W	AH/MV	interchange reconstruction	1,000		100	6,500	11,900 (1)	19,500
White Bear Avenue	65	I-94 to Beech St.	SP	reconstruction	4,770		2,000		3,130 (2)	9,900
Randolph Avenue	38	Syndicate St. to I-35E	SP	reconstruction	3,800		1,500	32		5,332
Raymond Avenue	46	Energy Park Dr. to Como Ave.	SP	reconstruction	344		296		1,000 (2)	1,640
County Road E2	73	at I-35W	AH/MV	bridge reconstruction	100		100	2,800		3,000
Lexington Avenue	51	at TH 36	RV	interchange reconstruction	218		21	13,261		13,500
TCAAP "Spine" Road		CSAH 96 to CR H	AH	construction					14,000 (1)	14,000
TCAAP "Thumb" Road		CR H to CR I	AH	construction					7,325 (1)	7,325
Various				signal revisions- APS	50					50
Various				RR Xing surface	50					50
<b>Totals</b>					<b>10,332</b>		<b>4,017</b>	<b>22,593</b>	<b>37,355</b>	<b>74,297</b>

(1) Legislative Funds (2) Federal Funds

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### 2017 Construction Projects

Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
Rice Street	49	CR B2 to CR C2	LC/RV	reconstruction	2,247	5,056	4,921			12,224
Highway 10	10	at Long Lake Rd.	MV	signals/geometrics	34				304 (1)	338
County Road E/Old Snelling Avenue	15,76	TH 51 to Valentine Lake Rd.	AH	trail construction	136		317		1,100 (2)	1,553
TCAAP Parkway		Spine Rd. to CR I	AH	construction					6,260	6,260
Various				signal revisions- APS	50					50
Various				RR Xing surface	50					50
<b>Totals</b>					<b>2,517</b>	<b>5,056</b>	<b>5,238</b>		<b>7,664</b>	<b>20,475</b>

(1) Federal Funds (2) Federal and Private Funds

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### 2018 Construction Projects

Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
Rice Street	49	N. Owasso Blvd. to Vadnais Blvd.	VH/SV/LC	interchange construction		6,632	3,981			10,613
Dale Street	53	Iglehart Ave. to University Ave.	SP	interchange construction	1,091		300		5,566	6,957
Various				signal revisions- APS	50					50
Various				RR Xing surface	50					50
<b>Totals</b>					<b>1,191</b>	<b>6,632</b>	<b>4,281</b>		<b>5,566</b>	<b>17,670</b>

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### 2019 Construction Projects

Location	Road No.	Termini	City	Work Proposed	CSAH	CTB	City	State	Other	Total
<b>County Road C</b>	23	W. County Line to Long Lake Rd.	RV	reconstruction	824		300		4,497	5,621
<b>White Bear Avenue</b>	65	at I-694	WB/MW	interchange construction	2,500		1,000	5,000	7,000 (1)	15,500
<b>Highway 96</b>	96	Snelling Ave. to TH 61		system management	473				1,894 (1)	2,367
<b>Rice Street</b>	49	Larpenteur Ave. to CR B	MW/SP	reconstruction	2,045	4,601	4,478			11,124
<b>Hodgson Road</b>	49	Gramsie St. to Bridge St.	SV	reconstruction		6,632	3,981			10,613
<b>County Road D</b>	19	Cleveland Ave. to Fairview Ave.	AH/RV	reconstruction	2,025		675			2,700
<b>Maryland Avenue</b>	31	at Edgerton St.	SP	signals/geometrics	105				943 (1)	1048
<b>Various</b>				signal revisions- APS	50					50
<b>Various</b>				RR Xing surface	50					50
<b>Totals</b>					<b>8,072</b>	<b>11,233</b>	<b>10,434</b>	<b>5,000</b>	<b>14,334</b>	<b>49,073</b>

(1) Federal Funds



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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### 2015-2019 TIP Funding

Year	CSAH	County	Wheelage Tax	CTB	City	State	Other	Total
<b>Total 2015 Construction</b>	18,189			3,106	8,279	7,911	21,128 (1)	58,613
<b>Total 2015 Maintenance</b>	2,648	1,972	3,600					8,220
<b>Total 2016 Construction</b>	10,332				4,017	22,593	37,355	74,297
<b>Total 2017 Construction</b>	2,517			5,056	5,238		7,664	20,475
<b>Total 2018 Construction</b>	1,191			6,632	4,281		5,566	17,670
<b>Total 2019 Construction</b>	8,072			11,233	10,434	5,000	14,334	49,073
<b>Totals</b>	<b>42,949</b>	<b>1,972</b>	<b>3,600</b>	<b>26,027</b>	<b>32,249</b>	<b>35,504</b>	<b>86,047</b>	<b>228,348</b>

(1) Includes \$295,000 in wheelage tax funds for I-35E trail construction.

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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### 2014-2018 Deficient Bridges

Location	Road No.	Termini	Bridge No.	Sufficiency Rating	MN Priority	Fed. Replacement Eligible?	Fed. Rehab. Eligible?	State Eligible?	Year
Jackson Street	55	over BNSF RR	5664	34.5		no	no	yes	
Jackson Street	55	over BNSF RR	90408	67.8		no	no	yes	
Jackson Street	55	over BNSF RR	90409	30.6		no	no	yes	
Old Highway 8	77	over MCRR	4533	43.6		no	no	yes	
County Road C	23	over BNSF	62519	60.7		yes	yes	no	

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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### Current Pavement Maintenance Backlog

Location	Road No.	Termini	City	Work Type
Larpenteur Avenue	30	White Bear Ave. to Beebe Rd.	MW/SP	Bituminous Resurfacing
Cleveland Avenue	46	Summit Ave. to St. Anthony Ave.	SP	Bituminous Resurfacing
North St. Paul Road	29	White Bear Ave. to McKnight Rd	MW/NSP	Bituminous Resurfacing
County Road J	81	Centerville Rd. to I-35E	WBT	Bituminous Resurfacing
White Bear Avenue	65	RR Bridge to Larpenteur Ave.	SP	Bituminous Resurfacing
Portland Avenue	71	Taylor Ave. to Short St.	WBT	Bituminous Resurfacing
Portland Avenue	161	Short St. to CR J	WBT	Bituminous Resurfacing
Eustis Street	127	Larpenteur Ave. to Roselawn Ave.	LD	Bituminous Resurfacing
Edgerton Street	58	TH 36 to Centerville Rd.	LC	Bituminous Resurfacing
Larpenteur Avenue	30	Edgerton St. to Parkway Dr.	MW/SP	Bituminous Resurfacing
Pierce Butler Route <del>Transfer Road</del>	33	University Ave. to Minnehaha Ave.	SP	Bituminous Resurfacing
Rice Street	49	RR Bridge to Larpenteur Ave.	SP	Bituminous Resurfacing
Koehler Road	14	Edgerton St. to Centerville Rd.	VH	Bituminous Resurfacing
Jackson Street	55	Maryland Ave. to Larpenteur Ave.	SP	Bituminous Resurfacing
Centerville Road	59	Edgerton St. to 500' S. of Horizon St.	VH	Bituminous Resurfacing
Como Avenue	31	Arona St. to Hamline Ave.	SP	Bituminous Resurfacing

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Location	Road No.	Termini	City	Work Type
<b>Bald Eagle Boulevard</b>	249	CR H2 to N. County Line	WBT	Bituminous Resurfacing
<b>Horton Avenue</b>	31	Hamline Ave. to Lexington Ave.	<b>SP</b>	Bituminous Resurfacing
<b>County Road H</b>	9	Silver Lake Rd. to Old Highway 8	MV/NB	Bituminous Resurfacing
<b>Maryland Avenue</b>	31	Arcade St. to Johnson Pkwy.	SP	Bituminous Resurfacing
<b>White Bear Avenue</b>	65	Minnehaha Ave. to RR Bridge	SP	Bituminous Resurfacing
<b>Ford Parkway</b>	42	River Bridge to Howell St.	SP	Bituminous Resurfacing
<b>Lexington Parkway</b>	51	Grand Ave. to I-94	SP	Bituminous Resurfacing
<b>Energy Park Drive</b>	32	TH 280 to RR Tracks	SP	Bituminous Resurfacing
<b>Keller Parkway</b>	22	Edgerton St. to CR C	LC	Bituminous Resurfacing
<b>County Road J</b>	1	Lexington Ave. to 930' W. of Hodgson Rd.	SV	Bituminous Resurfacing
<b>County Road B</b>	25	Dale St. to Rice St.	RV	Bituminous Resurfacing
<b>County Road D</b>	19	Edgerton St. to Walter St.	LC/MW/VH	Bituminous Resurfacing
<b>Century Avenue</b>	72	Cedar Ave. to CR F	WBT	Bituminous Resurfacing
<b>Plato Boulevard</b>	40	Water St. to Fillmore St.	SP	Bituminous Resurfacing
<b>Minnehaha Avenue</b>	34	McKnight Rd. to TH 120	MW	Bituminous Resurfacing
<b>Hodgson Road</b>	49	CSAH 96 to S. birch Ln.	SV	Bituminous Resurfacing
<b>Hazlewood Street</b>	64	Arlington Ave. to Larpenteur Ave.	SP	Bituminous Resurfacing
<b>Edgerton Street</b>	58	Maryland Ave. to Larpenteur Ave.	SP	Bituminous Resurfacing
<b>Rice Street</b>	49	Vadnais Blvd. to Gramsie St.	SV/VH	Bituminous Resurfacing

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Location	Road No.	Termini	City	Work Type
<b>County Road E</b>	15	W. County Line to Silver Lake Rd.	NB/SA	Bituminous Resurfacing
<b>Minnehaha Avenue</b>	33	Arundel St. to Como Ave.	SP	Bituminous Resurfacing
<b>Cleveland Avenue</b>	46	CR C to CR D	RV	Bituminous Resurfacing
<b>Upper Afton Road</b>	35	Burns Ave. to McKnight Rd.	SP	Bituminous Resurfacing
<b>White Bear Avenue</b>	65	Upper Afton Rd. to I-94	SP	Bituminous Resurfacing
<b>Saint Paul Avenue</b>	46	Edgecumbe Rd. to Bohland Ave.	SP	Bituminous Resurfacing
<b>Snelling Avenue</b>	76	CR F to CSAH 96	AH/MV	Bituminous Resurfacing
<b>County Road I</b>	3	Lexington Ave. to Hodgson Rd.	SV	Bituminous Resurfacing

**Appendix A**

**Status of Previous TIP Projects**



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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**2014 Maintenance Projects- Paving is 100% Complete, Concrete Rehab 100% Complete.**

Location	Road No.	Termini	City	Work Type
Buffalo Street	8	TH 61 to Portland Ave.	WBT	Full Depth Reclamation
Centerville Road	59	CR H2 to CR J	NO/WBT	Full depth Reclamation
County Road B2	78	Cleveland Ave. to Fairview Ave.	RV	Mill & Overlay
County Road C	23	Keller Pkwy. To TH 61	MW	Mill & Overlay
County Road C	23	Rice St. to Little Canada Rd.	LA	Mill & Overlay
County Road C	23	West County Line to Long Lake Rd.	RV	Overlay
County Road J	60/81	Centerville Rd. to Otter Lake Rd.	WBT	Full Depth Reclamation
Dale Street	53	Arlington St. to Larpenteur Ave.	SP	Mill & Overlay
Edgecumbe Road	46	TH 5 to St. Paul Rd.	SP	Mill & Overlay
Hamline Avenue	50	CR F to CSAH 96	AH	Mill & Overlay
Hodgson Road	49	CR I to CR J	SV	Mill & Overlay
Jackson Street	55	Acker St. to Rose Ave.	SP	Mill & Overlay
Johnson Parkway	64	Minnehaha Ave. to Phalen Blvd.	SP	Mill & Overlay
Labore Road	108	I-694 to CR E	VH	Full Depth Reclamation
Lexington Avenue	51	University Ave. to Orchard Ave.	SP	Mill & Overlay
Marshall Avenue	35	TH 51 to Lexington Ave.	SP	Mill & Overlay
White Bear Avenue	65	Cope Ave. to TH 36	MW	Mill & Overlay & Signal
Various				Concrete Pavement Rehabilitation
Various				Ada Pedestrian Ramps

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

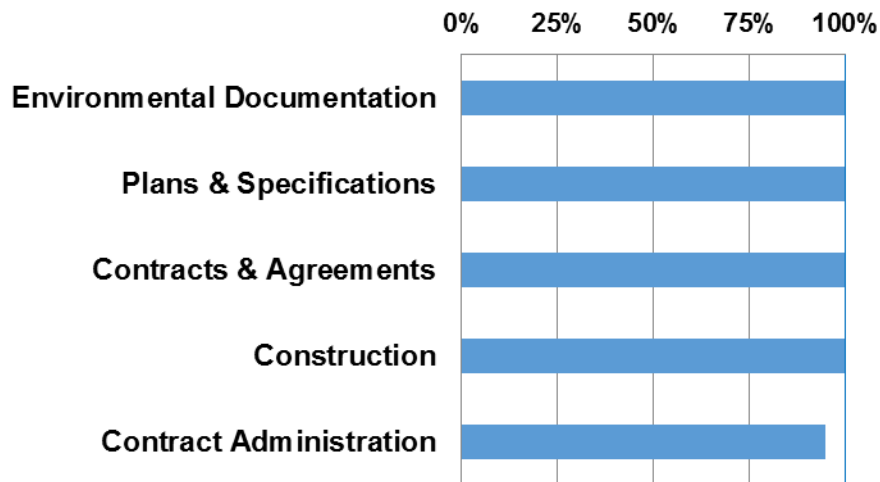
### Highway 96 at Trunk Highway 10- Interchange Construction

Funding:

<u>CSAH</u>	<u>CTB</u>	<u>City</u>	<u>State</u>	<u>Other</u>	<u>Total</u>
	3,554	150	1,756	11,130	15,590

#### Highway 96 at TH 10

Start Date: May 2013 Completion: June 2014



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

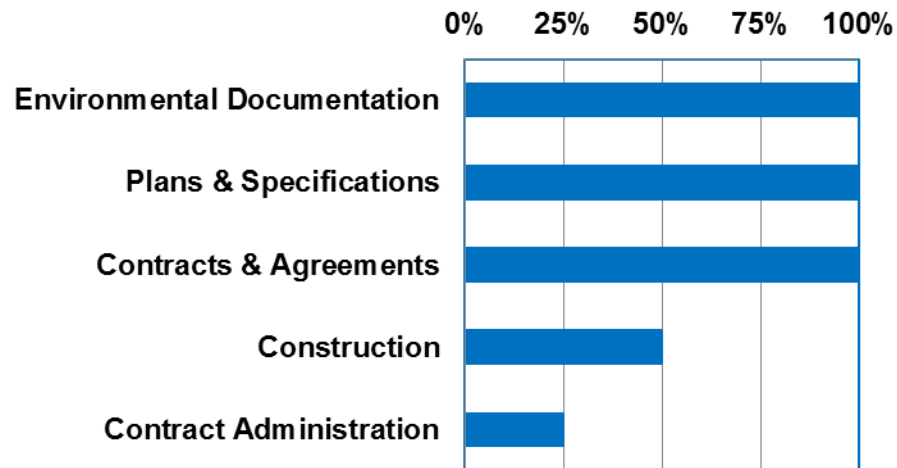
### Warner Road Bridge over Childs Road

Funding:

<u>CSAH</u>	<u>CTB</u>	<u>City</u>	<u>State</u>	<u>Other</u>	<u>Total</u>
3,873		1,023	2,953	8,766	16,615

### Warner Road Bridge over Childs Road

Start Date: October 2013 Completion: September 2015



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

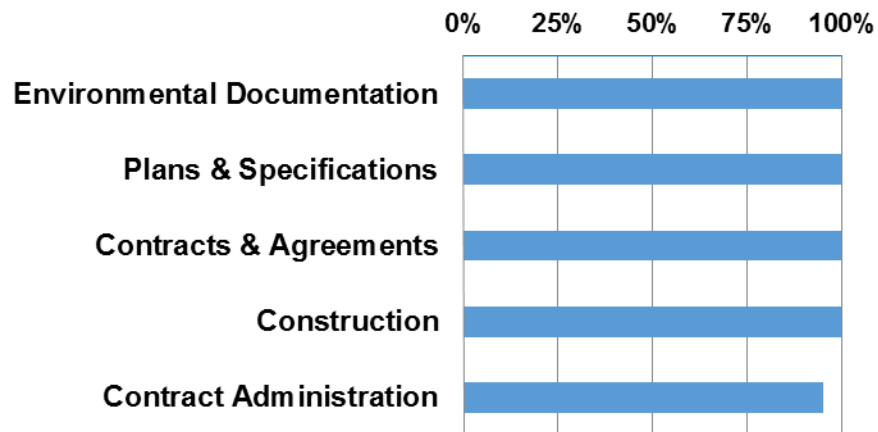
### Maryland Avenue at Payne Avenue- Signals and Geometrics

Funding:

<u>CSAH</u>	<u>CTB</u>	<u>City</u>	<u>State</u>	<u>Other</u>	<u>Total</u>
1,350		1,050		1,363	3,763

#### Maryland Ave. at Payne Ave.

Start Date: June 2014 Completion: June 2014



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

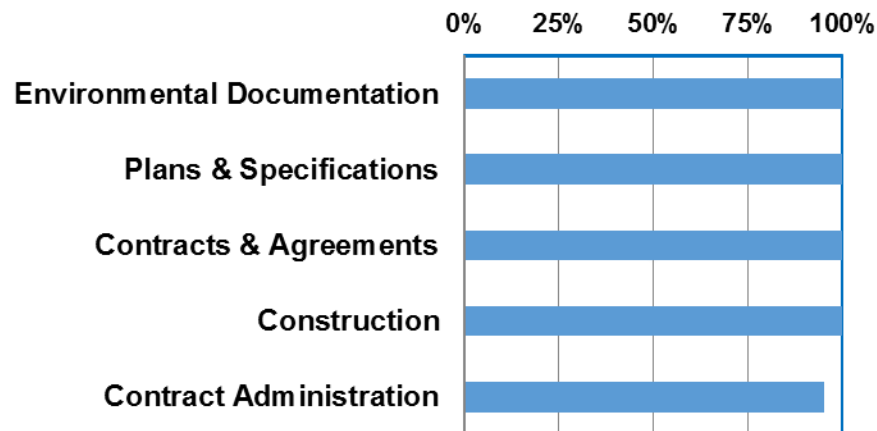
### Highway 10 at Silver Lake Road- Signals and Geometrics

Funding:

<u>CSAH</u>	<u>CTB</u>	<u>City</u>	<u>State</u>	<u>Other</u>	<u>Total</u>
177		23		266	466

#### Highway 10 at Silver Lake Road

Start Date: November 2013 Completion: July 2014



## APPENDIX B

### Ramsey County Public Works Cost Participation Policy 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 as a whole, and also 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%	

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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ITEM:	COUNTY SHARE:	NOTES:
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.
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	

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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ITEM:	COUNTY SHARE:	NOTES:
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.

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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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.

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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ITEM:	COUNTY SHARE:	NOTES:
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.
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.

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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ITEM:	COUNTY SHARE:	NOTES:
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%	

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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ITEM:	COUNTY SHARE:	NOTES:
Stormwater Treatment	% eligible for State Aid	Maintenance shall be based on contributing flows.
Preliminary/Design Engineering	% of Participation	
Construction Engineering	% of Participation	

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

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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.



# Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

## APPENDIX

### C

## 2014-2018 Transportation Improvement Program Construction Projects

Location	Rd. No.	Termini	City	Work Proposed	Year
Centerville Road	19	Little Canada Rd. to Edgerton St.	LC	reconstruction	2015
County Road B	25	Birmingham St. to Van Dyke St.	MW	sidewalk/signals	2015
County Road C	23	W. County line to Long lake Rd.	RV	reconstruction	2019
County Road D	19	Cleveland Ave. to Fairview Ave.	AH	reconstruction	2019
County Road E	15	at TH 51	AH	interchange reconstruction	2015
County Road E	15	TH 51 to Lexington Ave.	AH	turn lanes, signals medians	2015
County Road E	15	White Bear Ave., Bellaire Ave., McKnight Rd.	WB	signal reconstruction	2015
County Road E/Old Snelling Ave.	15,76	TH 51 to Valentine Lake Rd.	AH	trail construction	2017
County Road E2	73	at I-35W	NB	bridge replacement	2016
County Road H	9	Old Hwy. 8 to I-35W	AH/MV	interchange reconstruction	2016
County Road I	3	I-35W Ramp & Rice Creek Pkwy.	AH/SV	roundabout construction	2015
Dale Street	53	Iglehart Ave. to University Ave.	SP	interchange reconstruction	2019
Ford Parkway	42	Howell St. to Snelling Ave.	SP	reconstruction	2015
Highway 10	10	at Long Lake Road	AH/MV	signals/geometrics	2017
Highway 96	96	I-35W to Old Highway 8 (CSAH 77)	AH/NB	construct interchange	2015
Highway 96	96	at I-35E	WB	reconstruct interchange	2015
Hodgson Road	49	Gramsie St. to Bridge St.	SV	reconstruction	2019
I-35E		Maryland Av. To Arlington St.	SP	trail construction	2015
Lexington Avenue	51	I-694 to Cummings Park Dr.	AH/SV	reconstruction	2015
Lexington Avenue	51	at TH 36	RV	interchange reconstruction	2016
Maryland Avenue	31	at Edgerton St.	SP	geometrics/signals	2019
Maryland Avenue	31	at BNSF RR	SP	WB bridge reconstruction	2015
Randolph Avenue	38	Brimhall St. to Hamline Ave.	SP	reconstruction	2015
Randolph Avenue	38	Hamline Ave. to I-35E	SP	reconstruction	2016
Raymond Avenue	46	Hampden Ave. to Energy Park Dr.	SP	reconstruction	2015
Raymond Avenue	46	Energy Park Dr. to Como Ave.	SP	reconstruction	2016

## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

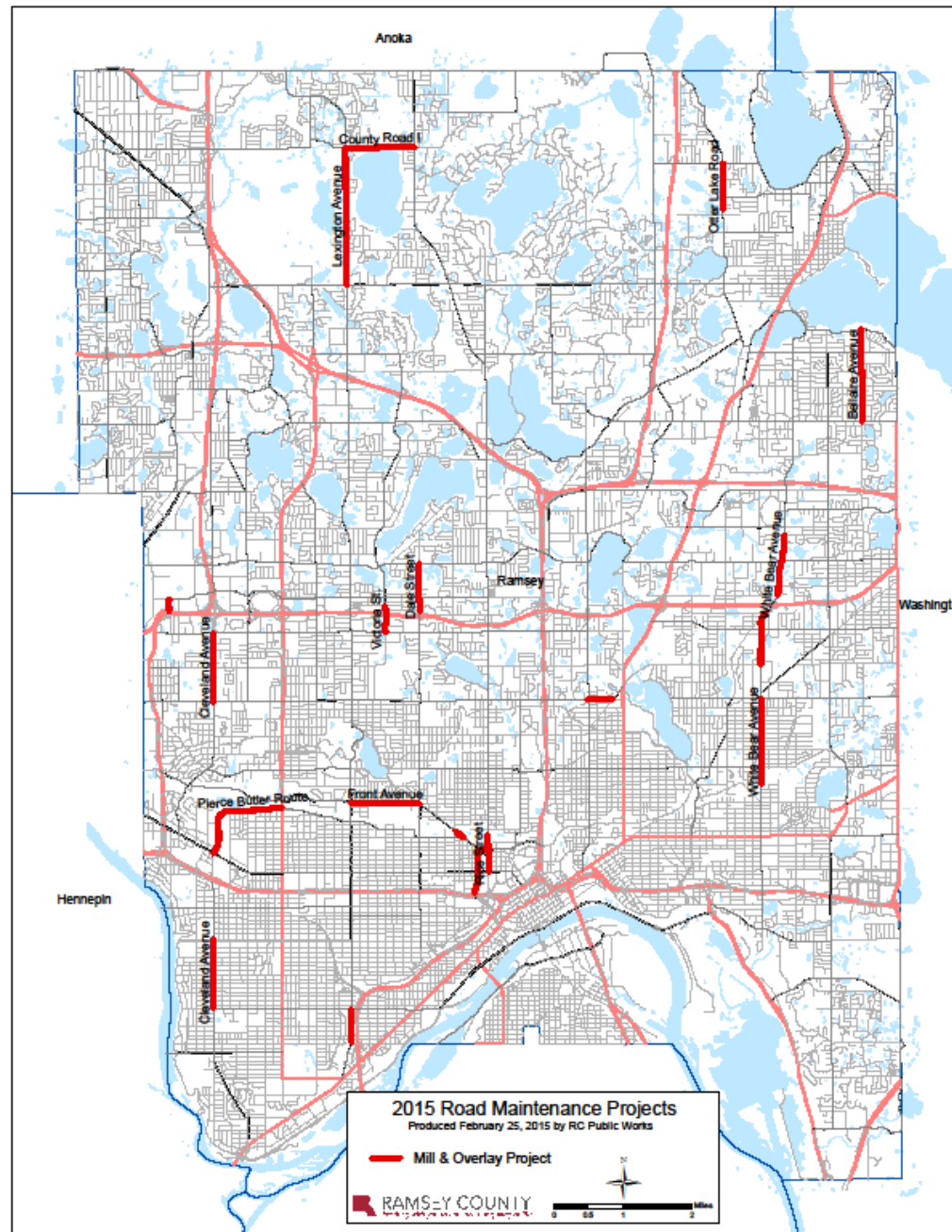
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Location	Rd. No.	Termini	City	Work Proposed	Year
Rice Street/Hodgson Rd.	49	Gramsie to Bridge St.	AV/VH	reconstruction	2019
Rice Street	49	County Road B2 to County Road C2	RV/LC	reconstruction	2017
Rice Street	49	N. Owasso Blvd. to Vadnais Blvd.	LC/SV/VH	interchange reconstruction	2018
Rice Street	49	Larpenteur Ave. to CR B	MW/SP	reconstruction	2019
TCAAP Parkway		Spine Road to CR I	AH	construction	2017
TCAAP "Spine" Road		CSAH 96 to CR H	AH	construction	2016
TCAAP "Thumb" Road		CR H to CR I	AH	construction	2016
Victoria Street	52	CR B to CR B2	RV	sidewalk construction	2015
White Bear Avenue	65	I-94 to Beech St.	SP	reconstruction	2016
White Bear Avenue	65	at I-694	MW/WB	interchange reconstruction	2019

**APPENDIX D**

**Project Location Maps**

# Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan



## Ramsey County Public Works Department 2015-2019 Transportation Improvement Plan

