



Board of County Commissioners Agenda Request



Requested Meeting Date:
Title of Item:

REGULAR AGENDA CONSENT AGENDA INFORMATION ONLY	Action Requested: Approve/Deny Motion Adopt Resolution (attach draft) <i>*provide copy of hearing notice that was published</i>	Direction Requested Discussion Item Hold Public Hearing*
Submitted by:		Department:
Presenter (Name and Title):		Estimated Time Needed:
Summary of Issue:		
Alternatives, Options, Effects on Others/Comments:		
Recommended Action/Motion:		
Financial Impact: <i>Is there a cost associated with this request?</i> Yes No <i>What is the total cost, with tax and shipping? \$</i> <i>Is this budgeted?</i> Yes No <i>Please Explain:</i>		

Project Selection Process

Identified improvements fall into one of five construction categories. Those categories, listed in priority order are as follows.

1. Highway Safety Improvement Program
2. Bridge Replacement
3. Pavement Resurfacing/Shoulder Widening
4. Gravel Road Reconstruction to Paved Road Standards
4. Gravel Road Improvement

1. Highway Safety Improvement Program

Safety Improvements are selected based on the Aitkin County Highway Safety Plan and available HSIP funding.

2. Bridge Replacement

Bridge replacement projects are selected based on calculated condition ratings that are the result of bridge safety inspections conducted on each bridge under the County's jurisdiction. See attached listing of all local highway bridges in Aitkin County. Highlighted bridges on the attachment are included in the current 5-year capital improvement program.

3. Pavement Resurfacing/Shoulder Widening

Pavement resurfacing projects are selected based on pavement condition data collected on a two-year frequency. In addition, observed pavement conditions and geographical grouping of projects for lower construction costs are considered when scheduling resurfacing projects. See attached listing of all Aitkin County pavement segments. Highlighted segments on the attachment are included in the current 5-year capital improvement program.

The specific type of pavement resurfacing project is determined during the design stage of the project based on the project's individual characteristics. Chipseal, overlay, mill and overlay, reclaim and pave, and cold in-place recycle are included in this construction category.

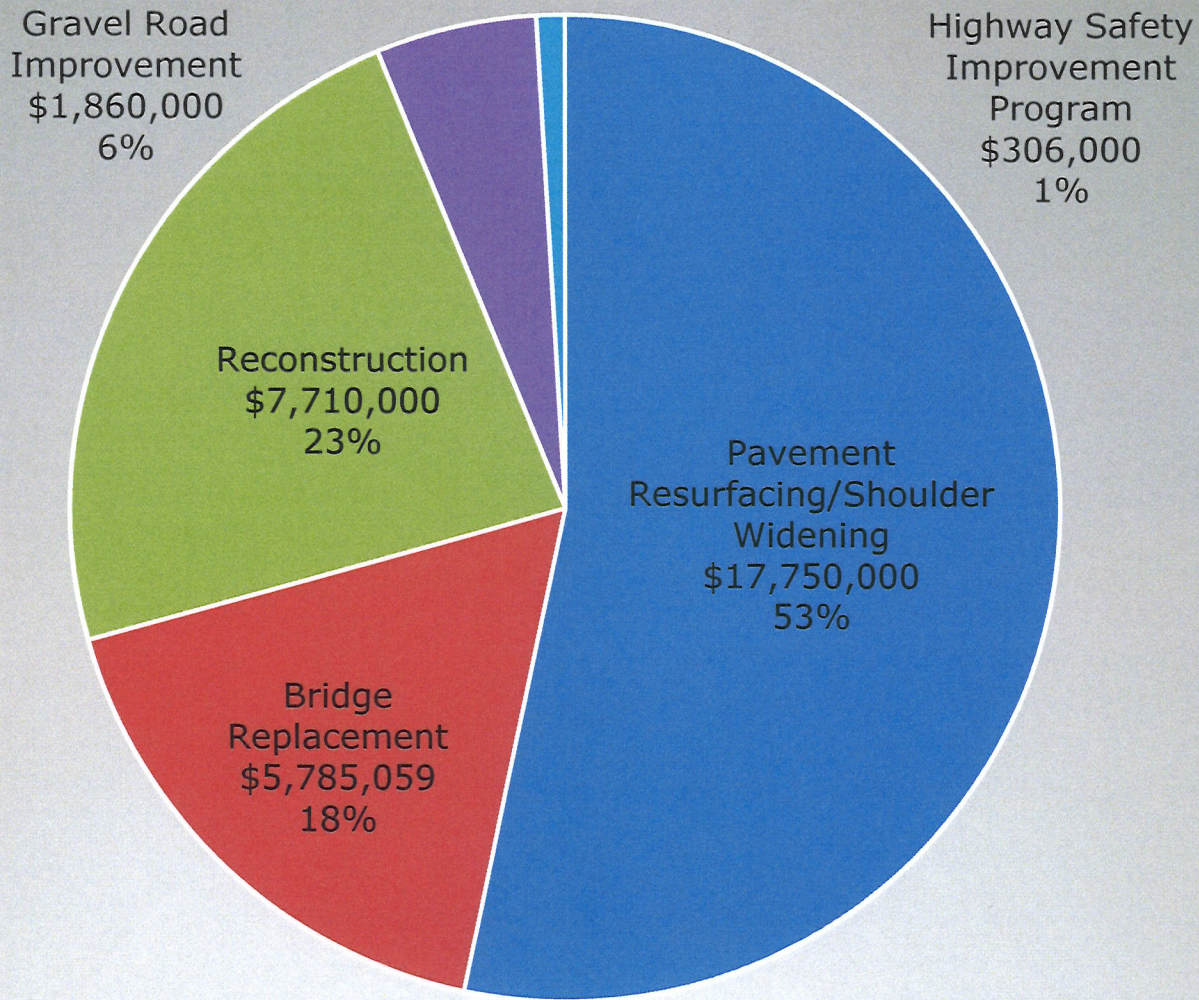
For segments that have deficient shoulder width, slopes, or culverts, additional work to correct these deficiencies may be added to the resurfacing project.

4. Gravel Road Reconstruction to Paved Road Standards

Improvements of existing gravel-surfaced roads to paved road standards are selected based on a prioritization worksheet that ranks the various gravel road segments based on annual average daily traffic (AADT) count, residence density, functional classification, sight distance deficiencies, improved route system layout, and private land ownership. The resulting priority ratings are updated with each Capital Road Improvement Plan update. See attached priority rating worksheet. Highlighted segments on the attachment are included in the current 5-year capital improvement program.

5. Gravel Road Improvement

Improvements to existing gravel-surfaced roads to gravel road standards are selected based on observed deficiencies of gravel road segments.



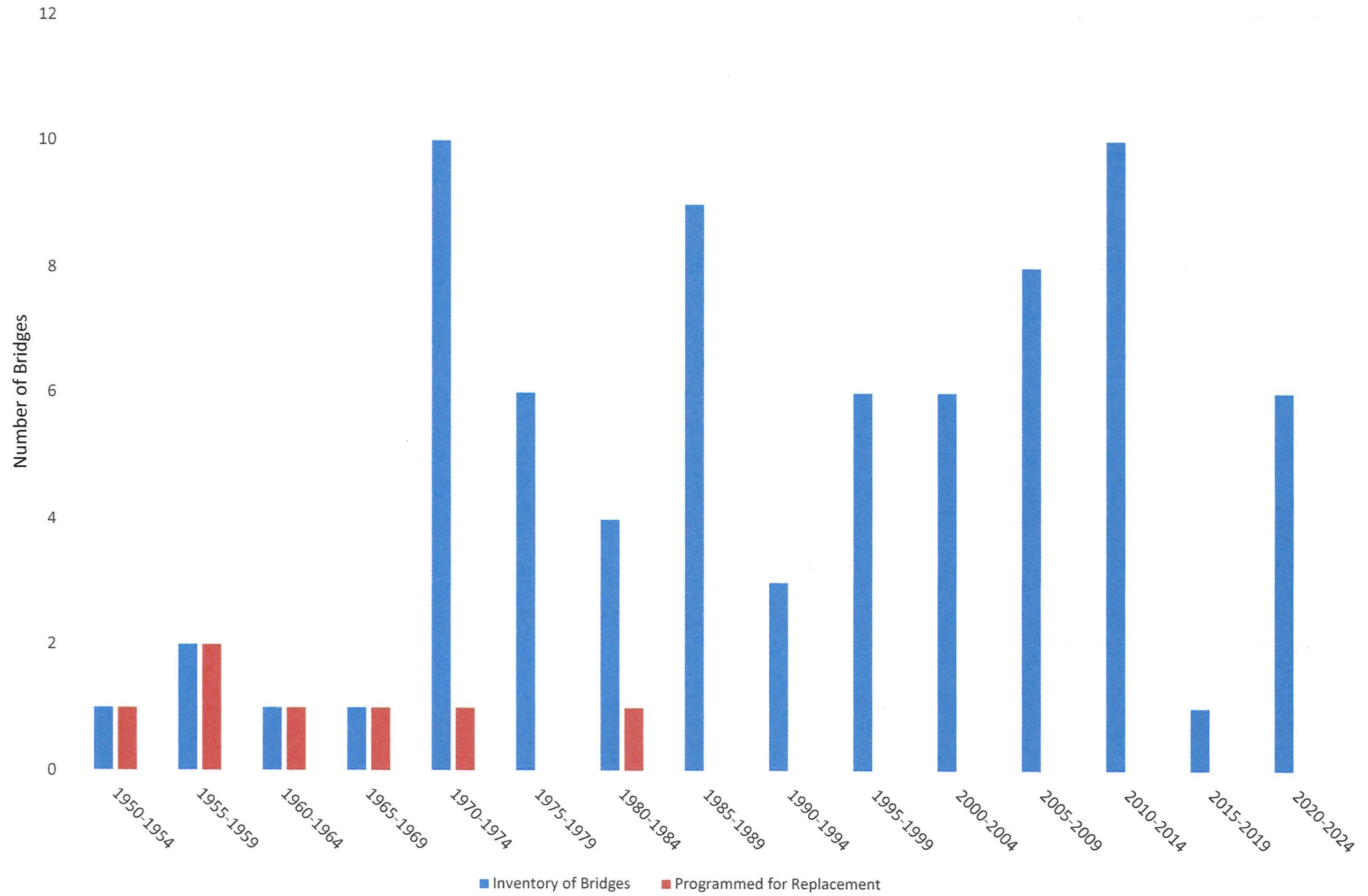
2024-2028 Capital Road Improvement Plan by Construction Category

Aitkin County Bridge Roster

(Highlighted bridges replaced in 2023 or included in 2024 - 2028 Capital Road Improvement Plan)

BRIDGE	LOCATION	Main Slab Type	LPI	POSTING
01508	CSAH 5 (NATURE AVE) over RICE RIVER	TIMB SLAB SPAN	38	32
01509	CSAH 5 (NATURE AVE) over WILLOW RIVER	TIMB SLAB SPAN	44	36
01513	CSAH 29 (OSPREY AVE) over WILLOW RIVER	TIMB SLAB SPAN	47	34
7375	CR 54 (390TH AVE) over SISSABAGAMAH CREEK	TIMB SLAB SPAN	52	28 - 40 - 40
7216	CSAH 2 (220TH ST) over SNAKE RIVER	TIMB BM SPAN	58	
01502	CSAH 22 (400TH ST) over WAKEFIELD BROOK	TIMB SLAB SPAN	61	
7215	CSAH 2 (220TH ST) over STREAM	TIMB BM SPAN	61	
88100	CSAH 11 (270TH ST) over RIPPLE RIVER	STEEL PIPE ARCH	63	
94154	CSAH 16 (KESTREL AVE) over SANDY RIVER TRIB	TIMB BOX CULV	64	
94155	CSAH 16 (KESTREL AVE) over RICE LAKE OUTLET	TIMB BOX CULV	64	
92699	CSAH 21 (GREAT RIVER RD) over DITCH	STEEL PIPE CULVERT	64	
88102	CSAH 19 (410TH AVE) over MOOSE RIVER	STEEL PIPE CULVERT	65	
94156	CSAH 16 (KESTREL AVE) over SANDY RIVER TRIB	TIMB BOX CULV	66	
94157	CSAH 16 (KESTREL AVE) over SANDY RIVER	TIMB BOX CULV	66	
L9181	CNTY 67 (650TH ST) over WILLOW RIVER	TIMB SLAB SPAN	66	
01506	CSAH 1 (410TH AVE) over MISSISSIPPI RIVER	PRESTR BM SPAN	71	
01512	CSAH 28 (290TH ST) over RIPPLE RIVER	PRECAST QUAD TEE	83	
R0716	FIELD ENT over DRAINAGE DITCH	STEEL PIPE ARCH	84	
92918	CNTY 61 (120TH ST) over CHESLEY BROOK	PRECAST PIPE ARCH	85	
94221	CNTY 61 (120TH ST) over STREAM	PRECAST PIPE ARCH	85	
R0717	FIELD ENT over DRAINAGE DITCH	STEEL PIPE ARCH	86	
92917	CSAH 12 (DEER ST) over RIPPLE RIVER	PRECAST PIPE ARCH	86	
01516	CSAH 23 (ALDER ST) over CHAN BETWEEN TWO LAKES	PRECAST QUAD TEE	86	
01521	390TH ST over RICE RIVER	TIMB SLAB SPAN	87	
01515	6TH ST NW over RIPPLE RIVER	PRECAST QUAD TEE	87	
95331	CSAH 1 (OSPREY AVE) over LITTLE WILLOW RIVER	PRECAST PIPE ARCH	88	
95332	CSAH 5 (350TH AVE) over SISSABAGAMAH CREEK	PRECAST PIPE ARCH	89	
01517	CSAH 10 (GREAT RIVER RD) over WILLOW RIVER	PRECAST DOUB TEE	90	
01518	CSAH 26 (180TH ST) over SNAKE RIVER	PRECAST DOUB TEE	90	
01012	CSAH 3 over MISSISSIPPI RIVER	PRESTR BM SPAN	90	
93178	CSAH 38 (310TH AVE) over SEVENTEEN CREEK	PRECAST PIPE ARCH	90	
93455	CSAH 4 (DAM LAKE ST) over DAM BROOK	PRECAST PIPE ARCH	90	
96811	CSAH 2 (220TH ST) over SNAKE RIVER	PRECAST PIPE ARCH	90	
01530	CSAH 3 over BIG WILLOW RIVER	PRESTR BM SPAN	90	
01527	CSAH 1 over MISS. R. DIVERSION CHAN.	PRESTR BM SPAN	91	
93122	CSAH 26 (BIRCH ST) over DITCH	PRECAST PIPE ARCH	91	
01J22	CSAH 29 (OSPREY AVE) over MOOSE RIVER	PRECAST BOX CULV	91	
01011	CSAH 3 over CHAN BETWEEN TWO LAKES	PRESTR BM SPAN	92	
01531	CSAH 14 over PRAIRIE RIVER	PRESTR BM SPAN	92	
01524	CR 62 (450TH ST) over SANDY RIVER	CCONC SLAB SPAN	92	
01528	CSAH 32 over TAMARACK RIVER	PRESTR BM SPAN	92	
91895	CNTY 64 (KESTREL AVE) over PRAIRIE RIVER	PRECAST PIPE ARCH	92	
01J01	CNTY 74 (678TH ST) over MORRISON BROOK	PRECAST PIPE ARCH	92	
95330	CSAH 36 (379TH ST) over STREAM	PRECAST PIPE ARCH	93	
01526	CSAH 22 over MISS R DIVERSION CHANNEL	PRESTR BM SPAN	93	
01J29	CR 75 (KESTREL AVE) over BIRCH CREEK	PRECAST BOX CULV	93	
01532	CSAH 4 over RICE RIVER	PRESTR BM SPAN	93	
01J04	CSAH 39 (OAK AVE) over RIPPLE RIVER	PRECAST BOX CULV	95	
01J08	CSAH 3 (GROVE ST) over LITTLE WILLOW RIVER	PRECAST BOX CULV	95	
92844	CSAH 3 (GROVE ST) over DITCH	PRECAST PIPE ARCH	95	
01J02	CSAH 10 (GREAT RIVER RD) over WHITE ELK BROOK	PRECAST PIPE ARCH	95	
01J26	CSAH 26 over STREAM	PRECAST BOX CULV	95	
01J27	CR 73 over MINNEWAWA CREEK	PRECAST BOX CULV	95	
01J33	CSAH 10 over POKEGAMA CREEK	PRECAST BOX CULV	95	
91896	CNTY 64 (KESTREL AVE) over TAMARACK RIVER	PRECAST PIPE ARCH	95	
95612	CNTY 51 (385TH AVE) over RIPPLE RIVER	PRECAST PIPE ARCH	95	
96703	CSAH 4 (DAM LAKE ST) over CREEK	PRECAST BOX CULV	95	
93424	CNTY 67 (650TH ST) over LITTLE HILL RIVER	PRECAST PIPE ARCH	95	
96142	CSAH 29 (OSPREY AVE) over LITTLE HILL RIVER	PRECAST PIPE ARCH	95	
01J11	CSAH 9 (N ASH RD) over BEAR CREEK	PRECAST BOX CULV	95	
93123	CNTY 75 (KESTREL AVE) over SPLIT ROCK RIVER	PRECAST PIPE ARCH	95	
01J14	CSAH 34 (260TH ST) over BIRCH CREEK	PRECAST BOX CULV	95	
01533	DEER ST over RIPPLE RIVER	CCONC SLAB SPAN	95	
01535	560TH ST over WILLOW RIVER	CCONC SLAB SPAN	96	
01J35	CSAH 3 over WHITE ELK BROOK	PRECAST BOX CULV	96	
01J07	CSAH 1 (OSPREY AVE) over LITTLE WILLOW RIVER	PRECAST BOX CULV	96	
01J31	CR 73 over SANDY RIVER	PRECAST BOX CULV	96	
92924	CSAH 23 (ALDER ST) over STREAM	PRECAST PIPE ARCH	96	
01534	CR 62 over SANDY RIVER	CCONC SLAB SPAN	96	
01J36	CSAH 32 over CO DITCH #13	PRECAST BOX CULV	99	
01J28	CSAH 28 (PIONEER AVE) over RIPPLE RIVER	PRECAST BOX CULV	100	
01J45	NATURE AVE over UNNAMED STREAM	PRECAST BOX CULV	100	
01J39	CSAH 15 over CEDAR CREEK	PRECAST BOX CULV	100	
01J43	LAKE AVE over SAVANNA RIVER	PRECAST BOX CULV	100	

Bridge Age (2023)



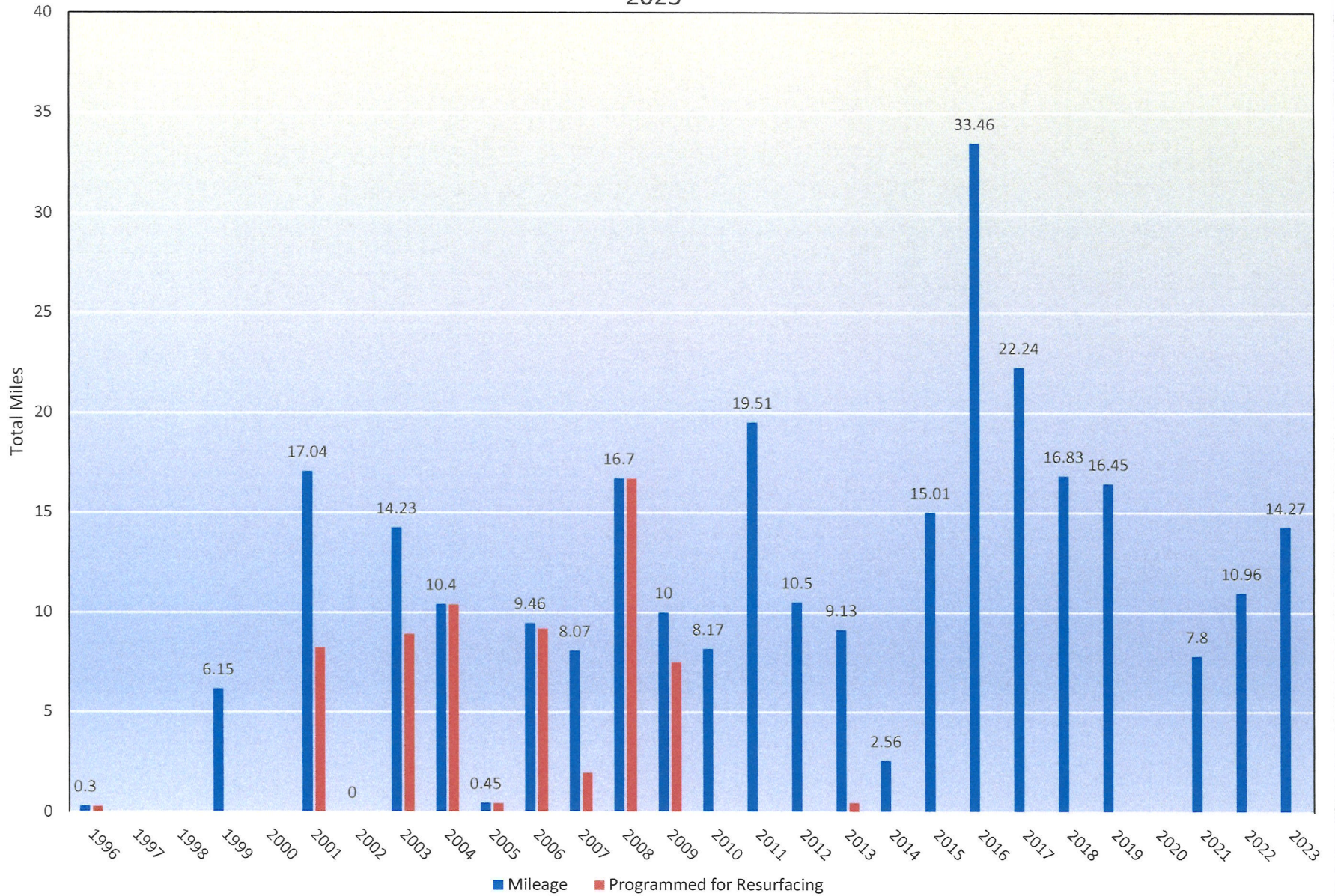
Bituminous Pavements - Age and RQI Data

(Highlighted Segments included in 2024-2028 Capital Road Improvement Program)

	Length	2019 RQI	2021 RQI		Length	2019 RQI	2021 RQI
1996				2013			
CR 69	0.3			CSAH 12 from .35 m. E. of N. jct. CSAH 39 to TH 47 (NW)			
1997				CR 54 from CSAH 1 to .47 miles east	0.47	2.3/2.5	1.9-2.3
1998				CR 54 from CR 83 to end of pavement	0.56	2.4/2.8	2.7/2.8
1999				CR 60	3.98	3.6/3.7	3.6
CSAH 39 (2021 Chipseal)	5.1	3.5	3.4	CR 66 from 0.26 miles east of US 169 to US 169	0.83	2.3/2.4	2.1
CR 81 (2020 Chipseal)	1.05	2.9/3.1	3.0/3.1	CR 77	0.57	3.5/3.7	3.3-3.6
2000				CR 82	1.03	2.1/2.4	1.8-2.1
2001				CR 83	0.49	3.3/3.4	3.1/3.2
CSAH 14 from 2.3 m. northeast of TH 65 to State Park	8.61	2.9-3.2	2.8-3.0	CR 85	1.2	2.9	2.7/2.8
CSAH 22 (2022 Chipseal)	4.6	3.4/3.5	3.3/3.4	2014			
CSAH 24 (2022 Chipseal)	4.2	3.6	3.4	CSAH 12 from .35 m. E. of N. jct. CSAH 39 to TH 47 (Wear)	2.56	3.4	3.5
2002				2015			
2003				CSAH 10 from US Hwy 169 to CSAH 3	7.01	3.7	3.5/3.6
CSAH 11	3.2	2.8/3.0	2.8/2.9	CSAH 28 from TH 210 to TH 169	8	3.6	3.4/3.5
CSAH 23 (2022 Chipseal)	5.3	3.3/3.8	3.4-3.7	2016			
CSAH 28 from TH 169 to CSAH 12	5.8	3.4	3.2/3.3	CSAH 2 from TH 47 to TH 65	12.38	3.5/3.6	3.3
CSAH 37	2.3	2.6/2.9	2.5/2.7	CSAH 3 from north jct. CSAH 5 to 6.36 miles east	6.2	3.7	3.7
CR 54 from .47 miles east of CSAH 1 to CR 83	0.83	2.4/2.5	2.5/2.6	CSAH 12 from TH 47 to TH 210	0.58	3.0/3.2	3.0/3.2
2004				CSAH 12 from TH 47 to 375th Avenue	6.88	3.7/3.8	3.4
CSAH 2 from TH 65 to Pine County Line	10.4	3.3	3.2	CSAH 13 from TH 65 to CSAH 16	5.39	3.6/3.7	3.4/3.5
2005				CSAH 41 from 1st Street to west jct. TH 210	1.01	3.2/3.3	3.1/3.2
CSAH 1 from TH 210 to beginning of Mississippi River Br	0.45	2.2/2.4	1.9-2.2	CR 88	1.02	2.9/3.5	2.8/3.3
2006				2017			
CSAH 3 from Crow Wing County Line to CSAH 29	5.74	3.3/3.4	3.2	CSAH 1 from CSAH 22 to 3.6 miles north	3.6	3.5/3.6	3.4/3.5
CSAH 7	3.2	3.1	2.8/2.9	CSAH 10 from CSAH 3 to CSAH 18	11.06	3.8/3.9	3.6/3.7
CR 66 from US 169 to 0.26 miles east	0.26	1.8	1.5/1.6	CSAH 15 from Crow Wing County Line to CSAH 1	6.08	2.9/3.8	3.6/3.7
CSAH 29 from CSAH 19 to CSAH 7	0.26	3.4	3.2-3.5	CR 74	1.5	3.5/3.7	3.3/3.4
2007				2018			
CSAH 8 from old Soo Line RR to TH 65	1.97	3.3	3.1	CSAH 6 from TH 65 to 5.3 miles east	4.9	4.1	4.0
CSAH 38	6.1	3.2/3.3	3.2	CSAH 8 from TH 210 to old Soo Line RR	0.87	3.0	2.9/3.0
2008				CSAH 12 from 375th Avenue to Lanie's corner	2.74	3.9	3.5/3.6
CSAH 4 from TH 47 to TH 65	14.4	3.2/3.3	3.0/3.1	CSAH 12 from Lanie's Corner to n. jct. CSAH 39	1.95	3.4	3.4/3.6
CSAH 29 from CSAH 3 to 509th Lane	2.3	2.6/2.7	2.6	CSAH 32 from CSAH 6 to CSAH 31	3.29	4.1	3.9
2009				CR 53 from CSAH 4 to 0.78 mile north	3.08	3.7	3.5
CSAH 1 from beginning of Mississippi River Bridge to CS	2.5	3.2	3.2/3.3	2019			
CSAH 5 from TH 210 to TH 232	7.5	2.6/2.7	2.5/2.6	CSAH 3 from CSAH 29 to TH 169	4.15		
2010				CSAH 10 from TH 200 to Itasca County Line	2.25		
CSAH 10 from CSAH 18 to 8.2 miles south of TH 200	6.88	3.5	3.4	CSAH 16	8.9		
CSAH 33	0.29	1.9/2.0	2.0/2.1	CSAH 41 from east jct. TH 210 to 1st Street	0.07		
CR 62 from TH 232 to 1.0 mile south	1.0	3.4		CR 70	1.08		
2011				2020			
CSAH 6 from 5.27 miles est of TH 65 to TH 210	8.08	2.8/3.0	2.7-3.0	2021			
CSAH 10 from TH200 to 8.12 miles south	8.12	3.2	2.9	CSAH 3 from 6.36 miles east of north jct CSAH 5 to TH 65	3.2		
CSAH 32 from CSAH 31 to Carlton County Line	3.01	3.6/3.7	3.5	CSAH 9	0.77		
CR 241	0.3			CSAH 25	3.29		
2012				CR 79	0.54		
CSAH 3 from US Hwy 169 to n. jct. CSAH 5	5.6	3.3/3.5	3.1-3.5	2022			
CSAH 5 from TH 47 to CR 50	1	3.4/3.5	3.3-3.4	CSAH 17	7.1		
CSAH 14 from TH 65 to 2.3 miles northeast	2.3	3.3/3.4	3.2	CR 76	2.82		
CSAH 36 from CSAH 14 to 1.6 mile north	1.6	2.6/2.9	2.6-2.8	CR 77W	1.04		
Sub-total:	134.55			2023			
				CSAH 31	3.53		
				CSAH 40	4.9		
				CR 62 from TH 210 to 435th Street	2.64		
				Subtotal:	145.51		
				Grand Total:	280.06		

Updated: 8-3-23

Pavement Age 2023



Priority Rating Worksheet

(Highlighted Segments Included in 2024-2028 Capital Road Improvement Program)

8/15/2023

Road Number	Segment Description	Length	2021-2022 ADT (20 points decile)	Residence Density (20 point decile)	Functional Classification (10 points)	Sight Distance Deficiency (10 point decile)	Improved Route System Layout (15 points)	Privately-Owned Land (10 point decile)	Priority Rating (85 points)
5.2	CR 53 to TH 210	4.7	18	20	10	6	15	7	76.0
71		1	20	8	4	1	15	10	58.0
1	3.6 miles N of CSAH 22 to CSAH 3	7.4	18	6	10	3	15	6	58.0
62.1	2 miles N of TH 210 to CR 71	1.36	20	8	4	1	15	10	58.0
51	TH 18 to CSAH 28	4.77	12	14	4	3	15	8	56.0
30	TH 65 to CSAH 16	7	16	14	7	6	0	10	53.0
50	CSAH 5 to CR 56	2.95	18	2	4	2	15	8	49.0
56.1	TH 210 to CR 50	2	18	2	4	2	15	8	49.0
19.1	Cass County Line to CSAH 20	4.8	8	10	10	7	10	2	47.0
62.2	CR 71 to 1 mile south of TH 232	3	8	8	4	1	15	10	46.0
19.2	CSAH 20 to CSAH 29	2	14	4	10	5	10	3	46.0
57.1	TH 65 to 5 miles east	5	18	8	4	5	0	10	45.0
64.2	CSAH 32 to 5 miles North	5	14	16	4	3	5	3	45.0
59		4.28	14	4	4	3	10	10	45.0
29.3	CSAH 7 to CR 67	4.54	20	6	7	4	0	6	43.0
21	CSAH 1 to TH 169	6.9	10	4	10	4	5	10	43.0
13	CSAH 16 to Carlton County Line	5.6	10	2	7	4	15	5	43.0
54	End of Blacktop to TH 210	4.88	12	2	4	3	10	10	41.0
63		2.69	10	8	4	9	0	10	41.0
5.3	CSAH 3 to CSAH 18	7.81	12	6	7	1	10	5	41.0
68.1	CSAH 29 to dead end west	2	8	6	4	5	10	8	41.0
27	CSAH 13 to TH 27	6.6	4	6	7	4	10	9	40.0
64.1	5 miles N of CSAH 32 to CSAH 14	4.49	8	10	4	5	5	6	38.0
20	Cass County Line to CSAH 19	5.9	8	4	7	3	10	6	38.0
75	TH 27 to CSAH 34	6.9	2	8	7	5	10	6	38.0
5.1	CR 50 to CR 53	5.9	8	10	4	4	0	10	36.0
67		5.17	14	4	4	6	0	8	36.0
74		2.07	2	6	4	4	10	10	36.0
68.3	TH 169 to dead end east	1.2	8	4	4	2	10	8	36.0
29.4	CR 67 to TH 200	2	20	4	7	2	0	2	35.0
34	CSAH 2 to CR 75	6.3	4	4	7	3	10	6	34.0
61.1	TH 65 to TH 18	4.23	4	10	4	5	0	10	33.0
36.2	CR 65 to 1.5 miles N of CSAH 14	5.2	8	6	7	7	0	5	33.0
18.2	CSAH 5 to CSAH 10	6.1	2	2	7	2	10	10	33.0
26.1	CSAH 38 to CR 59	5	8	4	7	3	0	10	32.0
60W		1.08	10	6	4	2	0	10	32.0
73		5.1	10	4	4	2	5	6	31.0
72		1.2	4	8	4	5	0	10	31.0
68.2	CSAH 29 to TH 169	3.3	8	4	4	3	10	2	31.0
26.2	CR 59 to TH 65	6	8	6	7	2	0	7	30.0
36.1	TH 65 to CR 65	4.2	8	4	7	8	0	3	30.0
57.2	TH 27 to 4 miles North	4.04	4	4	4	6	0	10	28.0
65		8.96	4	6	4	10	0	3	27.0
26.3	TH 65 to CSAH 2	9.1	8	4	7	4	0	3	26.0
61.2	TH 18 to CSAH 23	7	2	6	4	5	0	9	26.0
35	TH 65 to Itasca County Line	0.4	4	4	7	1	0	10	26.0
80		1.7	4	4	4	3	0	10	25.0
18.1	TH 169 to CSAH 5	6.1	2	2	7	1	10	3	25.0
58		2.67	4	4	4	4	0	8	24.0
56.2	CR 50 to CSAH 5	6.4	2	2	4	5	0	8	21.0
29.2	CR 68 to CSAH 7	6.3	6	4	7	2	0	1	20.0
29.1	2.3 miles N of CSAH 3 to CR 68	3.3	6	2	7	2	0	3	20.0

Proposed 2024 through 2028 Capital Road Improvement Plan

(*projects added from previous program*)

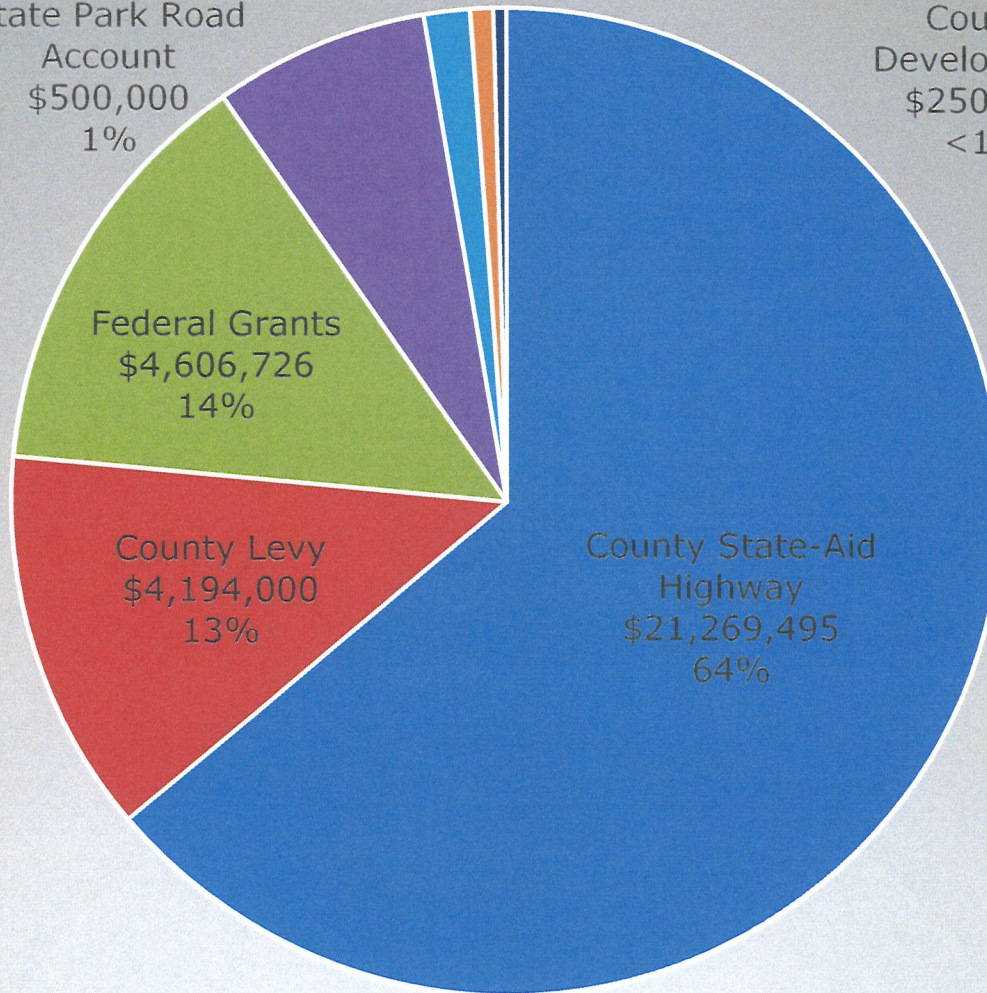
	Length	Location	Age/RQI or LPI	Estimated Construction Cost
2024				
SP 001-602-014 CSAH 2 Resurfacing	10.4	TH 65 to Pine County Line	2004/RQI 3.2	\$ 2,025,000
SP 001-605-016 - CSAH 5 Bridge No. 01509 Replacement	0.1	CSAH 5 over Willow River	1974/LPI 44	\$ 1,017,651
SAP 001-614-015 CSAH 14 Culvert Replacements	1.88	2.3 miles NE of TH 65 to CSAH 40		\$ 520,000
SAP 001-614-015 CSAH 14 Culvert Replacements	4.44	CSAH 36 to State Park		\$ 795,000
CP 001-029-006 - CSAH 29 Gravel Road Improvements	1.2	2.0 to 3.2 miles north of CH 68		\$ 250,000
CP 001-470-001 - UT 470 (400th Place) improvements	1.2	630th Lane to 1.2 miles northwest		\$ 140,000
			Total:	\$ 4,747,651
2025				
SAP 001-605-014 - CSAH 5 Reconstruction (Grading and Agg. Base)	4.7	CR 53 to TH 210		\$ 4,000,000
SAP 001-605-015 - CSAH 5 Bridge No. 01508 Replacement	0.1	CSAH 5 over Rice River	1969/LPI 38	\$ 832,408
SAP 001-622-010 - CSAH 22 Bridge 01502 Replacement	0.1	CSAH 22 over Wakefield Brook	1960/LPI 61	\$ 550,000
SAP 001-598-016 - CR 54 Bridge No. 7375 Replacement	0.5	CR 54 over Sissabagamah Creek	1950/LPI 52	\$ 660,000
CP 001-062-005 - CR 62 Reconstruction (Grading and Agg. Base)	1.36	435th Street to CR 71		\$ 755,000
CP 001-070-001 - CR 71 Reconstruction (Grading and Agg. Base)	1	CR 62 to TH 65		\$ 555,000
			Total:	\$ 7,352,408
2026				
CSAH 5 Resurfacing	7.5	TH 210 to CSAH 3	2009/RQI 2.5-2.6	\$ 1,750,000
CSAH 5 Bituminous Paving	4.7	CR 53 to TH 210		\$ 1,600,000
CSAH 8 Resurfacing	1.97	TH 65 to Soo Grade	2007/3.1	\$ 500,000
SAP 001-614-016 CSAH 14 Resurfacing	1.88	2.3 miles NE of TH 65 to CSAH 40	2001/RQI 2.8-3.0	\$ 450,000
SAP 001-614-016 CSAH 14 Resurfacing	4.44	CSAH 36 to State Park	2001/RQI 2.8-3.0	\$ 950,000
SAP 001-614-017 CSAH 14 Resurfacing/Shoulder Widening	1.92	CSAH 40 to CSAH 36	2001/RQI 2.8-3.0	\$ 2,000,000
CR 62/71 Bituminous Paving	2.36			\$ 800,000
SP 001-070-009 HSIP Pavement Markings	33.2			\$ 306,000
			Total:	\$ 8,356,000
2027				
CSAH 1 Resurfacing	0.45	US Hwy 169 to Mississippi River	2005/RQI 1.9-2.2	\$ 200,000
CSAH 2 Bridge No. 7215/7216 Replacement	0.2	CSAH 2 over Snake/Unnamed River	1958/LPI 58,61	\$ 1,800,000
CSAH 28 Resurfacing	5.8	US Hwy 169 to CSAH 12	2003/RQI 3.2-3.3	\$ 1,300,000
CR 54 Resurfacing	1.3	CSAH 1 to CR 83	2003/RQI 2.5-2.6	\$ 350,000
CSAH 19 Gravel Road Improvements (0.7 of 6.8 miles)	0.7	Moose River to 0.7 mile south		\$ 160,000
CSAH 19 Bridge No. 88102 Replacement	0.1	CSAH 19 over Moose River		\$ 500,000
CSAH 37 Resurfacing	2.3	US Hwy 169 to US Hwy 169	2003/2.5-2.7	\$ 500,000
CR 69 Resurfacing	0.3	CSAH 2 to TH 47		\$ 70,000
			Total:	\$ 4,880,000
2028				
CSAH 4 Resurfacing	14.4	TH 47 to TH 65	2008/3.0-3.1	\$ 3,550,000
CSAH 3 Resurfacing	5.74	Crow Wing county line to CSAH 29	2006/3.2	\$ 1,510,000
CSAH 7 Resurfacing	3.2	CSAH 29 to US Hwy 169	2006/2.8-2.9	\$ 650,000
CSAH 29 Resurfacing	2.3	CSAH 3 to 509th Lane	2008/2.6	\$ 570,000
CSAH 29 Resurfacing	0.26	CSAH 7 to CSAH 19	2006/3.2-3.5	\$ 60,000
CR 57 gravel road improvements	5	TH 65 to 5 miles east		\$ 1,200,000
CR 57 New Bridge	0.1	CR 57 over Section 5 Creek		\$ 425,000
				\$ 7,965,000
Five Year Total:				\$ 33,301,059

Gravel Road
Improvement
\$1,860,000
6%

State Park Road
Account
\$500,000
1%

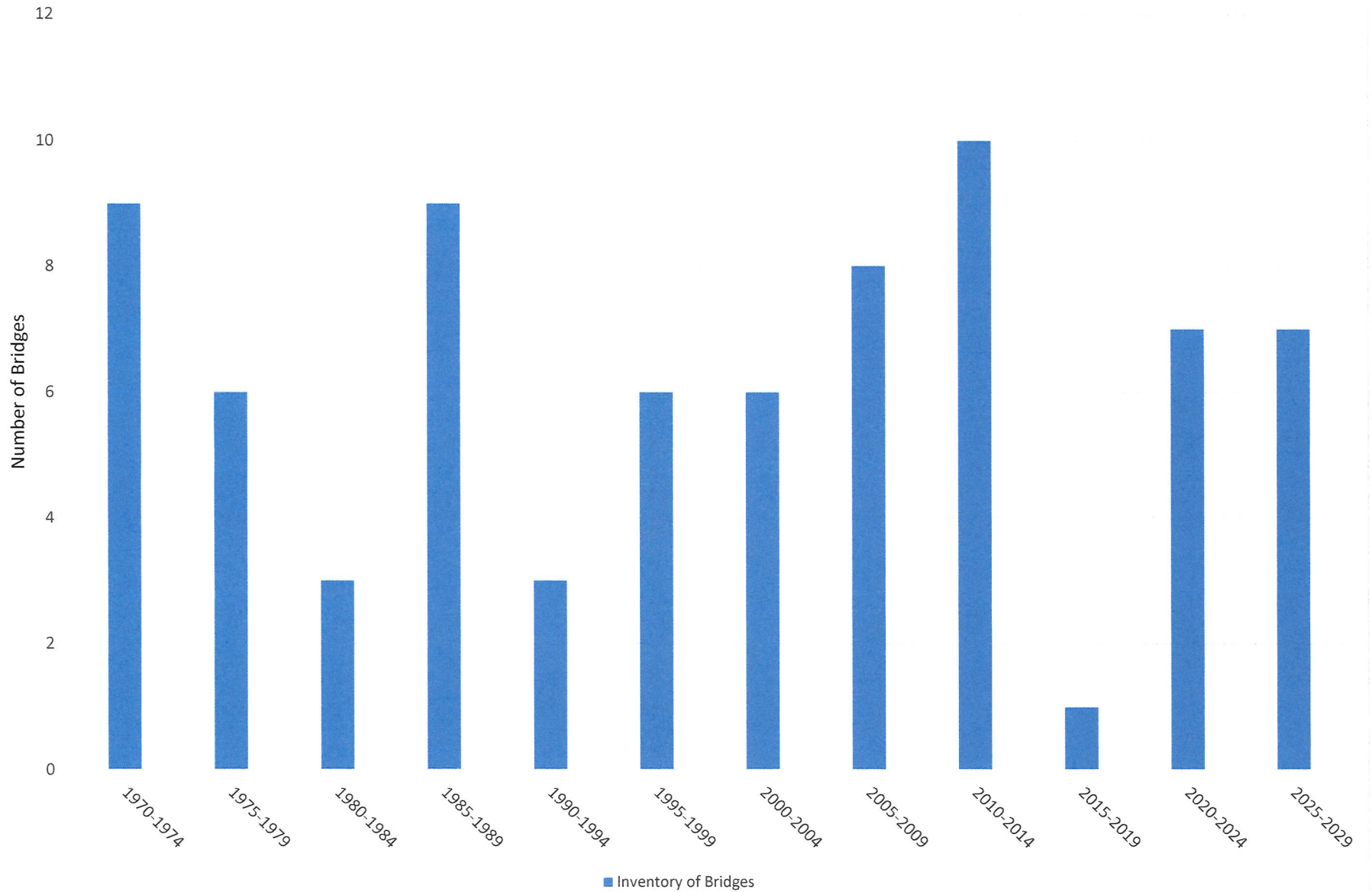
County
Development
\$250,000
<1%

Unorganized
Township
\$140,000
<1%

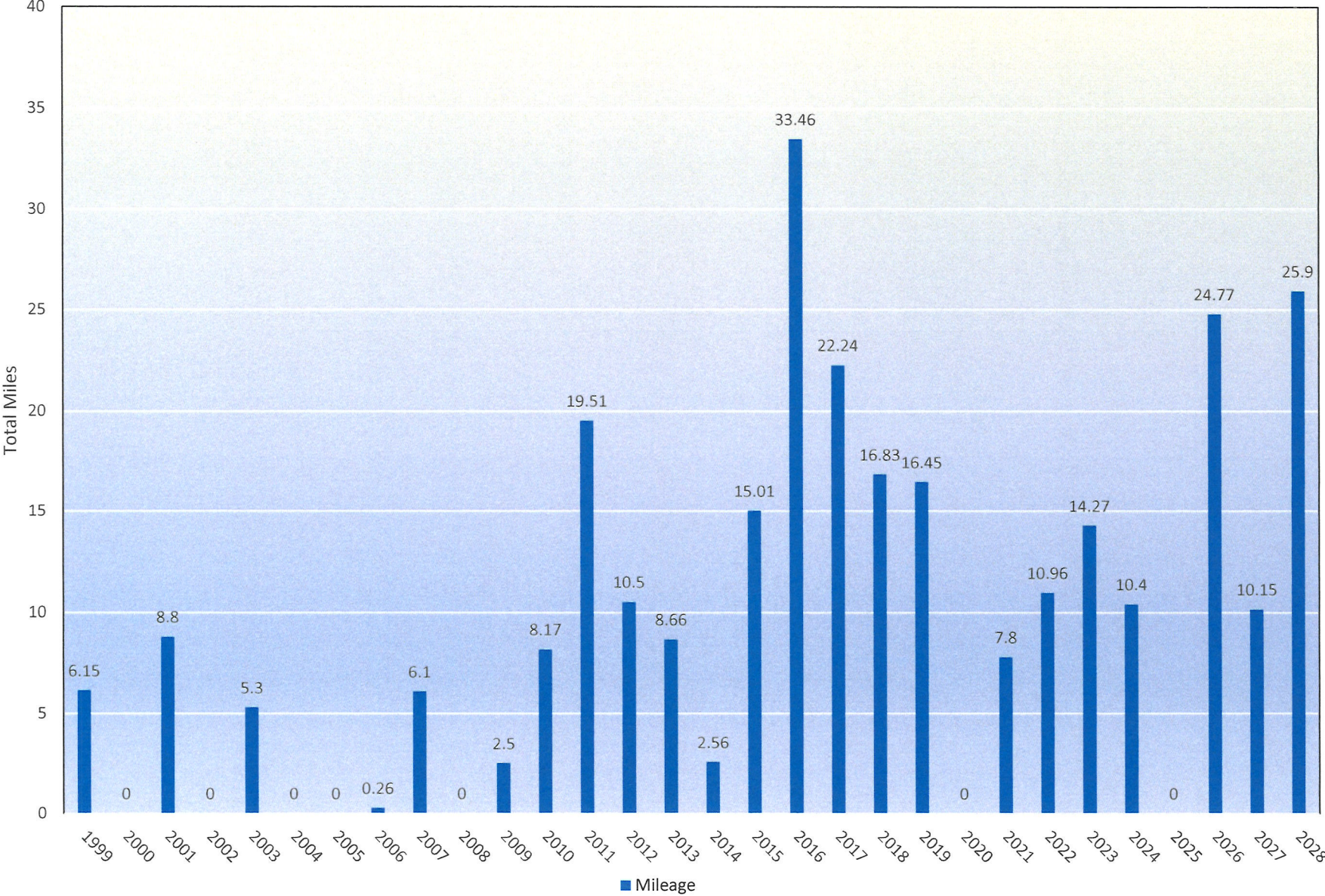


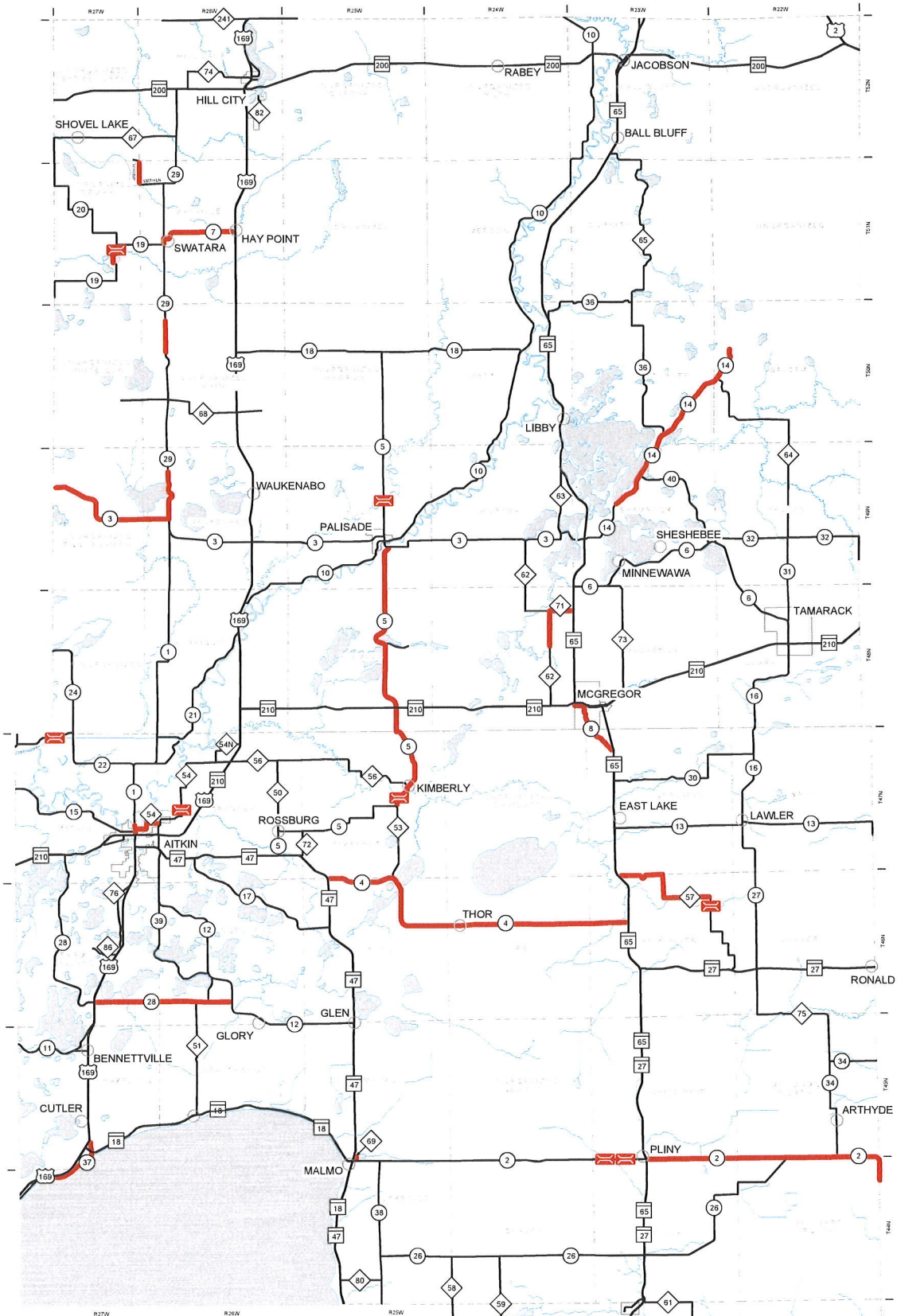
2024-2028 Capital Road Improvement Plan by Funding Source

Bridge Age (2028)



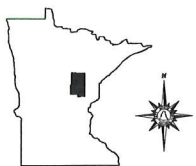
Pavement Age 2028



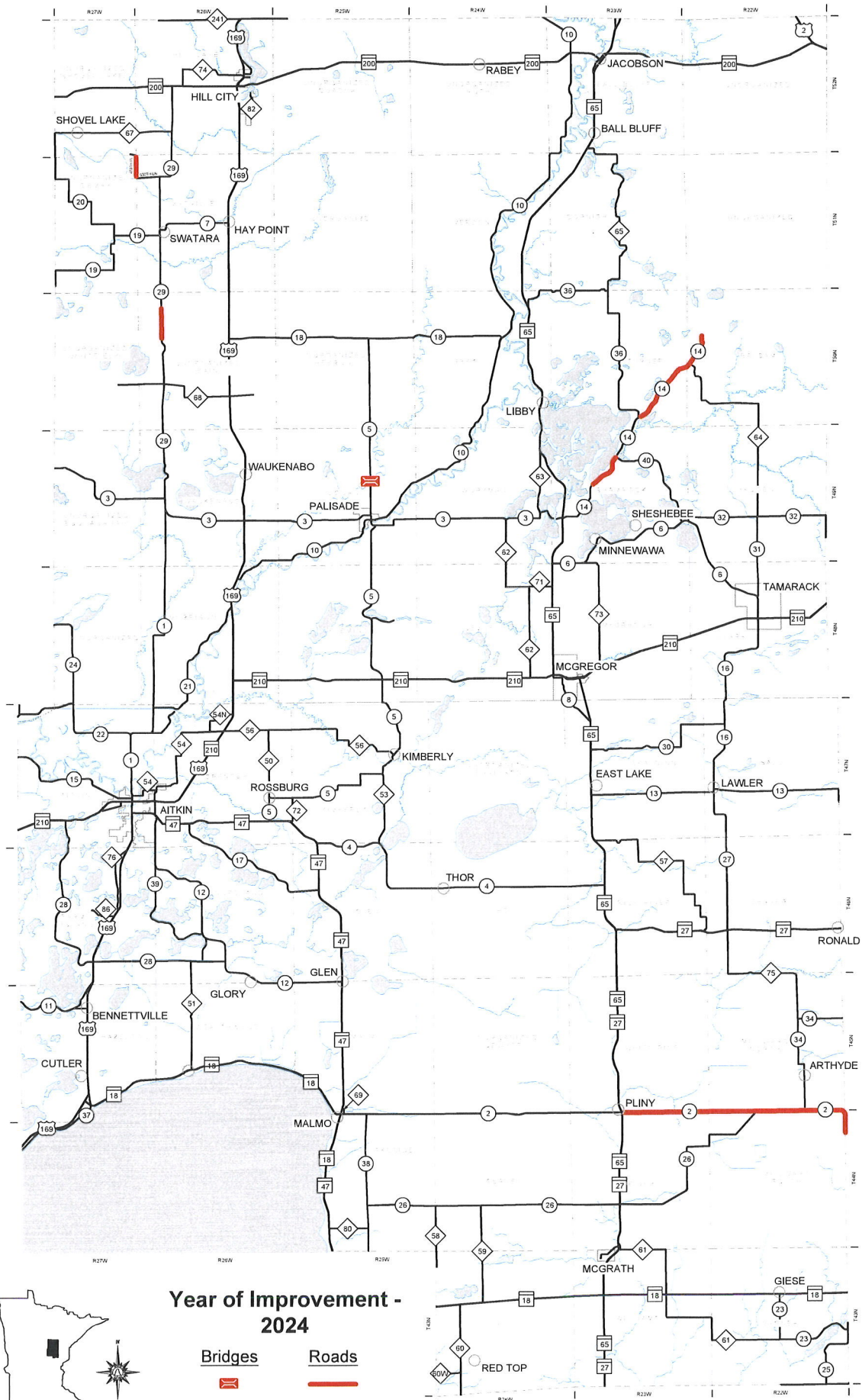


**Year of Improvement -
2024-2028**

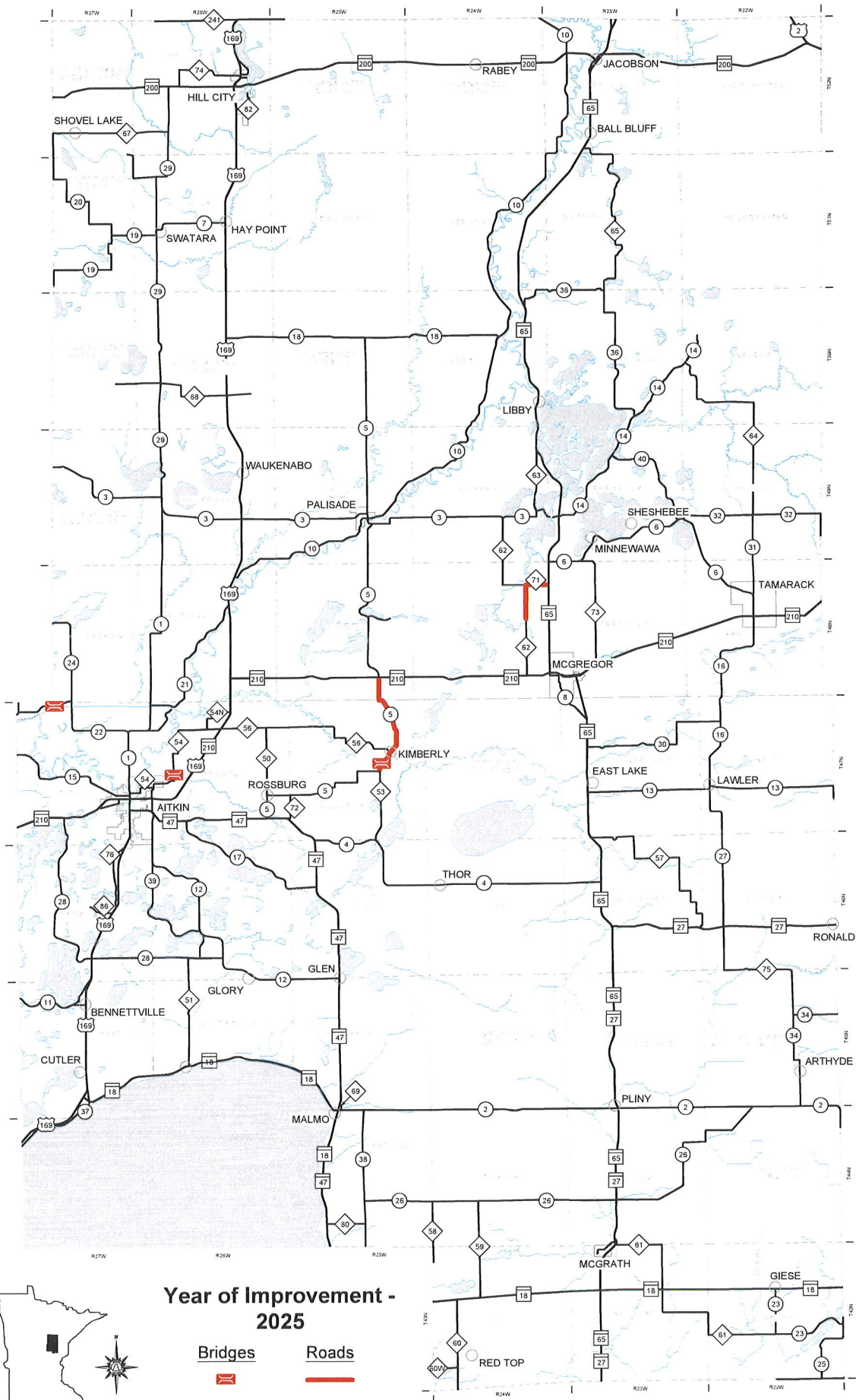
Bridges  **Roads** 



**Aitkin County, MN 2024-2028
Capital Road Improvement Plan**

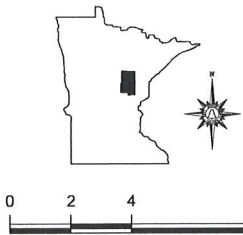


**Aitkin County, MN 2024
Capital Road Improvement Plan**

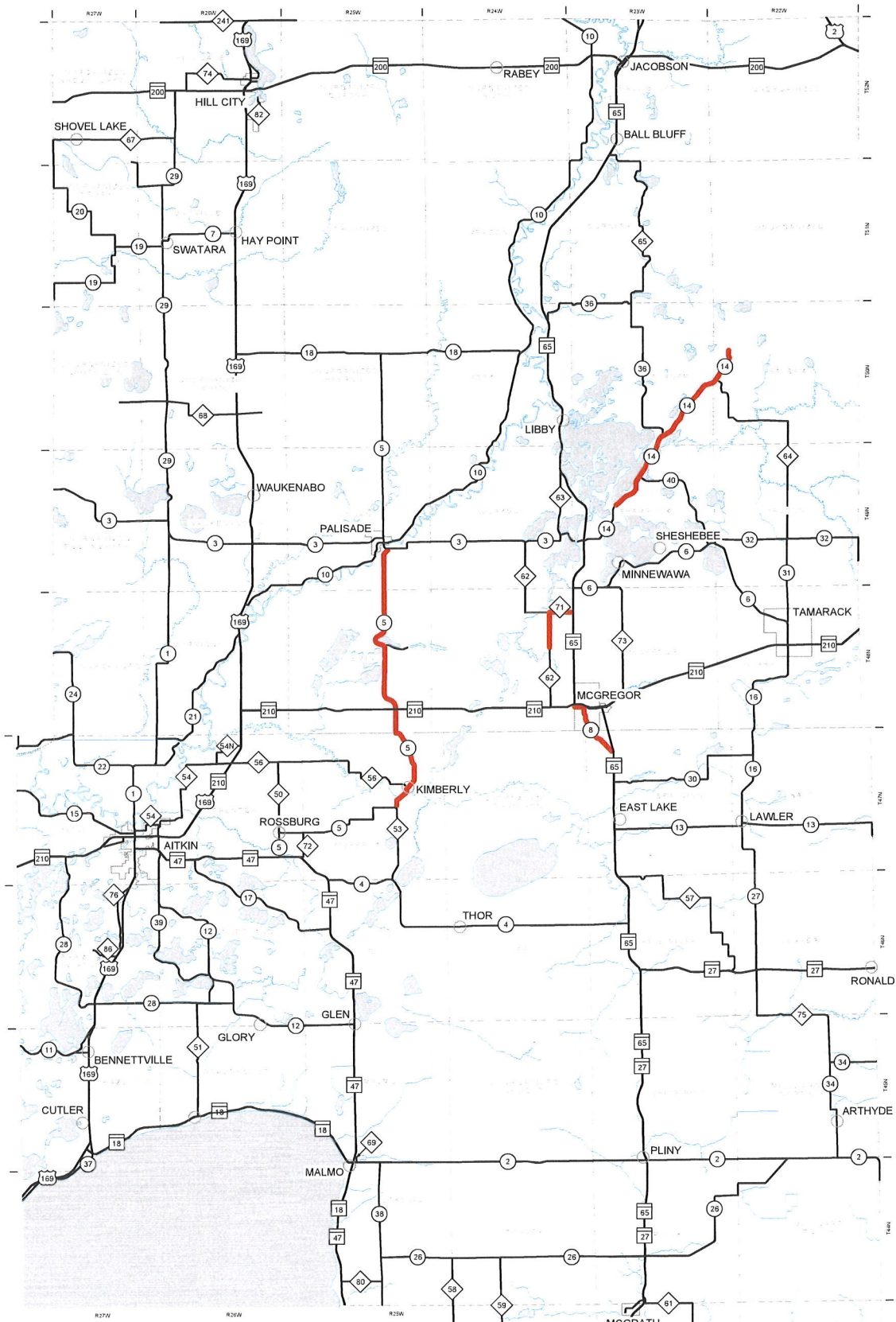


Year of Improvement - 2025

Bridges  **Roads** 

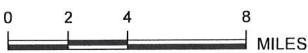


Aitkin County, MN 2025 Capital Road Improvement Plan

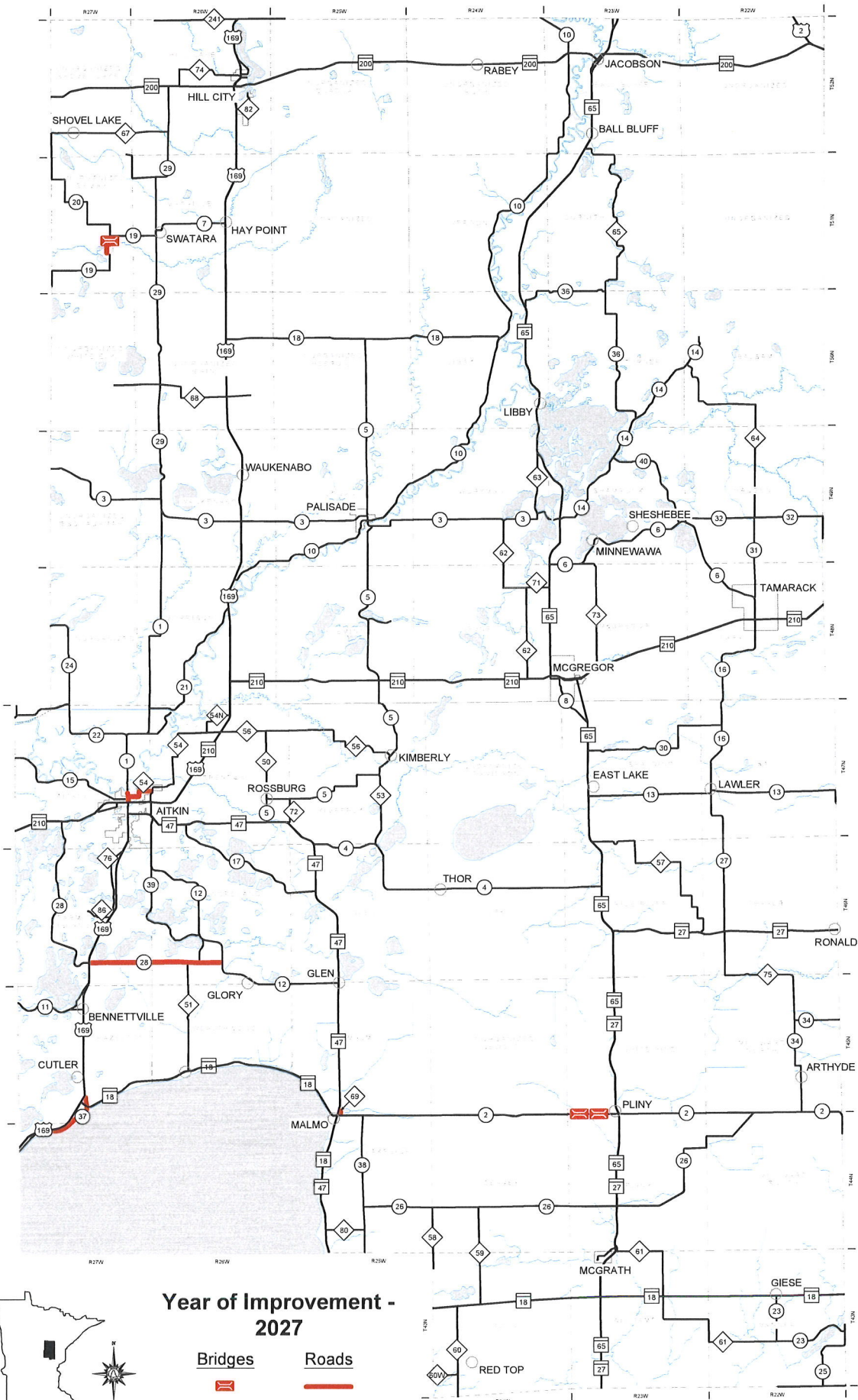


**Year of Improvement -
2026**


Bridges none
Roads —

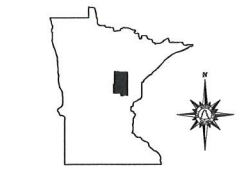


**Aitkin County, MN 2026 Capital
Road Improvement Plan**

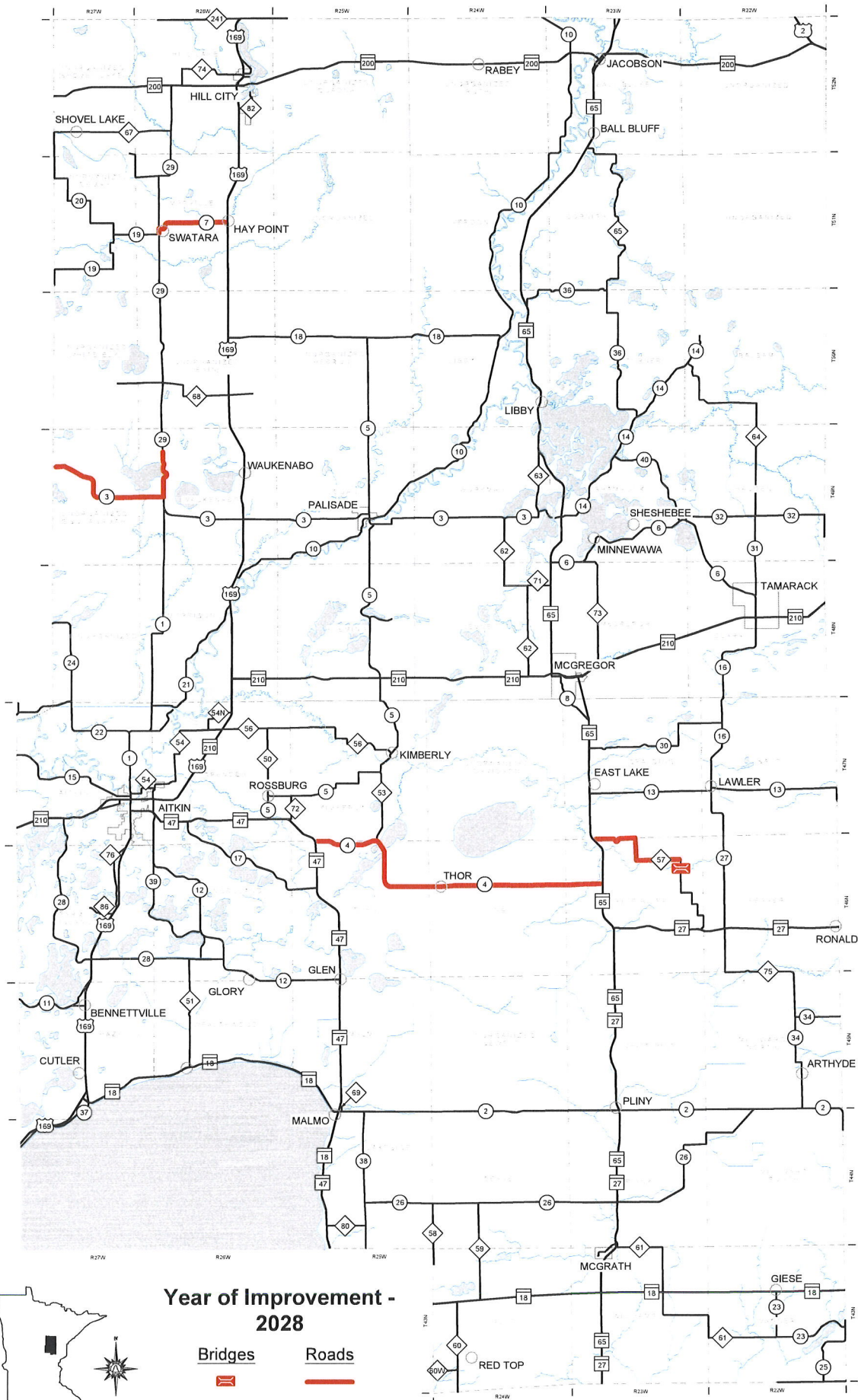


Year of Improvement - 2027


-  Bridges
-  Roads

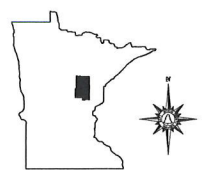


Aitkin County, MN 2027 Capital Road Improvement Plan



Year of Improvement - 2028

Bridges  **Roads** 



Aitkin County, MN 2028 Capital Road Improvement Plan