



Board of County Commissioners Agenda Request



Requested Meeting Date: August 22, 2023

Title of Item: 2024 Budget Presentation

<input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY	Action Requested: <input type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft) <i>*provide copy of hearing notice that was published</i>	<input type="checkbox"/> Direction Requested <input checked="" type="checkbox"/> Discussion Item <input type="checkbox"/> Hold Public Hearing*
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Submitted by: John Welle	Department: Highway Department
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Presenter (Name and Title): John Welle, Aitkin County Engineer	Estimated Time Needed: 30 minutes
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Summary of Issue:

Attached are the detailed 2024 budget sheets for the Highway Department Budget including the Operations, Capital Equipment/Facilities, and Capital Infrastructure budgets. The proposed 2024-2028 Capital Equipment/Facilities Program and the 2024-2028 Capital Road Improvement Plan are also included. The budget will be summarized by a brief presentation.

Alternatives, Options, Effects on Others/Comments:

NA

Recommended Action/Motion:

Discussion only, for future action.

Financial Impact:

Is there a cost associated with this request? Yes No

What is the total cost, with tax and shipping? \$

Is this budgeted? Yes No *Please Explain:*

2024 Highway Department Budget Summary

Revenue:

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
Operating	\$ 5,196,610	\$ 6,522,916	\$ 5,988,569	\$ 2,489,417	\$ 6,320,526
Capital Equipment/Facilities	\$ 547,885	\$ 800,000	\$ 477,300	\$ 477,300	\$ 611,000
Capital Infrastructure	\$ 4,439,677	\$ 5,529,690	\$ 7,930,200	\$ 3,127,174	\$ 6,327,600
Total:	\$ 10,184,172	\$ 12,852,606	\$ 14,396,069	\$ 6,093,891	\$ 13,259,126

Expenditures:

Operating	\$ 5,124,915	\$ 6,308,620	\$ 5,988,569	\$ 3,039,529	\$ 6,320,526
Capital Equipment/Facilities	\$ 911,937	\$ 1,065,729	\$ 477,300	\$ 178,486	\$ 611,000
Capital Infrastructure	\$ 6,345,450	\$ 4,779,394	\$ 7,930,200	\$ 392,325	\$ 6,327,600
Total:	\$ 12,382,302	\$ 12,153,743	\$ 14,396,069	\$ 3,610,340	\$ 13,259,126

2024 Highway Department Budget Levy Revenue Summary

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
Operating	\$ 1,223,681	\$ 1,181,042	\$ 1,782,694	\$ 611,305	\$ 1,887,526
Capital Equipment/Facilities	\$ 547,885	\$ 576,000	\$ 477,300	\$ 477,300	\$ 611,000
Capital Infrastructure	\$ 600,000	\$ 650,000	\$ 675,000	\$ 675,000	\$ 700,000
Total:	\$ 2,371,566	\$ 2,407,042	\$ 2,934,994	\$ 1,763,605	\$ 3,198,526

% Increase Over Previous Year's Budget:

8.98%

Highway Department Operations Budget Fund 003

Revenue:

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
5001 Current/Delinquent Taxes	1,223,681	1,181,042	1,781,107	611,305	1,887,526
5201 MV Credit MS Statute 273.1384	30,578	27,727	-	-	
5209 Disparity Aid Reduction	1,688	1,668	-	-	
5216 Taconite Credit	102,713	99,005	-	-	
5227 Twp Road Allotment Gas Tax	419,081	624,272	643,000	452,509	514,000
5231 State-aid: Town Bridge					40,000
5233 State-aid: Regular Construction Funds	182,212	593,830	100,000	-	100,000
5234 State-aid: Municipal Construction Funds	2,492	20,861	-	-	-
5235 State-aid: Regular Maintenance Funds	2,022,687	2,435,794	2,474,000	1,173,206	2,604,000
5236 State-aid: Municipal Maintenance Funds	107,354	135,236	136,000	55,154	120,000
5251 In Lieu Apportionments and Receipts	22,514	23,901	-	3,338	
5330 State Grants - Disaster Funds	11,200	4,889	-	1,847	130,000
5425 Federal Grants - FEMA	31,241	16,298	-	3,910	45,000
5505 Culverts (Individual) Receipts	16,141	9,815	5,000	8,638	5,000
5507 Wetland Bank Credits	58,265	77,802	-	18,423	
5517 Individual Receipts	22,963	94,666	17,800	24,906	20,000
5526 Township/City/Public Drainage Ditch Receipts	553,810	654,419	542,075	51,419	610,000
5840 Misc. Refunds and Reimbursements	134,086	445,562	158,000	84,763	115,000
5910 Transfer In	192,800	-	-	-	100,000
5920 Auction Receipts	28,218	38,538	10,000	-	10,000
5948 County Ditch/County Development Funds	32,885	37,591	120,000	-	20,000
Total Revenue:	\$ 5,196,610	\$ 6,522,916	\$ 5,986,982	\$ 2,489,417	\$ 6,320,526

Highway Department Operations Budget

Fund 003

Department 301 (Administration) Expenditures:

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
6101 Salaries, Full Time	369,040	387,858	406,822	192,739	428,094
6108 Meals Reimbursed	22	142	100	41	100
6109 Overtime				152	200
6124 Medicare - Employer (1.45%)	5,121	5,377	5,899	2,664	6,207
6148 Employer Deductible Contribution- H.S.A.	11,040	11,040	11,040	5,520	11,040
6150 Health Insurance - Employer	46,653	50,292	52,427	26,213	56,715
6152 Life Insurance - Employer	372	369	372	168	336
6154 Long Term Disability - Employer	865	885	1,100	405	1,081
6159 PERA - Employer	25,677	27,086	28,156	14,014	29,494
6165 FICA - Employer (6.2%)	21,898	22,989	25,223	11,393	26,542
6171 Workers Compensation Insurance	8,832	8,281	6,178	6,178	6,500
6205 Postage	1,206	500	500	20	500
6220 Telephone	-	-	-	517	1,000
6230 Printing, Publishing & Advertising	-	-	-	93	200
6240 Membership/Dues/Association Fees	3,396	2,665	3,200	2,665	3,200
6241 Meeting/Conference Registration Fee	10,924	2,877	2,000	1,476	2,000
6268 Staff Training, Development	-	43	-	-	100
6296 Meeting Expense/Physicals (INACTIVE 2022)	1,965	-	-	-	
6300 Maintenance/Service Contracts	21,101	18,414	12,000	775	12,000
6330 Highway Travel	-	92	500	239	500
6332 Hotel/Motel Lodging	-	502	1,500	228	1,000
6339 Meals (Overnight)	-	199	200	17	200
6342 Office Equipment Rental/Contracts	-	3,489	4,000	1,456	3,500
6352 Insurance	57,099	49,116	49,698	50,466	52,000
6360 Services, Labor, Contracts		310	-	-	
6405 Office Supplies	9,509	5,559	8,000	4,045	8,000
6422 Janitorial Services/Supplies	149	64	500	-	500
6500 R&B Supplies & Materials		13	500	-	500
6900 Transfers to Other Funds	-	-	-	-	
Total Administration Expenditures:	\$ 594,869	\$ 598,162	\$ 619,915	\$ 321,484	\$ 651,509

Highway Department Operations Budget

Fund 003

Department 302 (Engineering) Expenditures:

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
6101 Salaries	334,532	389,906	423,542	206,067	447,673
6108 Meals Reimbursed	-	-	100	-	
6109 Overtime	39,065	21,739	49,581	3,550	45,553
6124 Medicare - Employer (1.45%)	5,193	5,726	6,860	2,908	7,152
6148 Employer Deductible Contribution- H.S.A.	1,130	2,260	2,260	1,130	2,260
6150 Health Insurance - Employer	71,584	76,399	77,595	38,798	79,655
6152 Life Insurance - Employer	476	524	522	270	468
6154 Long Term Disability - Employer	896	1,066	1,217	507	1,204
6159 PERA - Employer	27,571	30,873	34,862	15,721	36,242
6165 FICA - Employer (6.2%)	22,205	24,484	29,335	12,434	30,579
6171 Workers Compensation Insurance	2,511	2,565	2,719	2,719	2,850
6181 Safety Footwear	559	714	725	145	975
6241 Registration Fee	-	1,744	3,000	594	2,000
6268 Staff Training, Developemtn	-	259	-	-	200
6296 Meeting Expense/Physicals (INACTIVE 2022)	3,478	-	-	-	
6300 Maintenance/Service Contracts	12,417	6,118	7,000	-	7,000
6330 Highway Travel	-	-	250	-	150
6332 Hotel/Motel Lodging	-	-	1,500	-	1,000
6339 Meals (Overnight)	-	39	250	-	150
6550 Engineering Supplies	10,692	6,608	8,000	632	8,000
Total Engineering Expenditures:	\$ 532,310	\$ 571,024	\$ 649,318	\$ 285,476	\$ 673,110

Highway Department Operations Budget Fund 003

Department 303 (Road Maintenance) Expenditures:

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
6101 Salaries, Full Time	1,052,604	1,205,624	1,272,268	616,650	1,337,801
6108 Meals Reimbursed	46	65	100	4	
6109 Overtime	32,539	60,991	60,526	59,551	75,325
6124 Medicare - Employer (1.45%)	15,069	17,646	19,327	9,345	20,489
6148 Employer Deductible Contribution- H.S.A.	2,260	2,260	4,520	1,130	4,520
6150 Health Insurance - Employer	250,515	267,484	265,591	135,128	271,630
6152 Life Insurance - Employer	1,749	1,761	1,860	768	1,536
6154 Long Term Disability - Employer	2,822	3,162	3,645	1,504	3,570
6159 PERA - Employer	79,974	91,667	97,849	49,976	103,013
6165 FICA - Employer (6.2%)	64,436	75,454	82,633	39,957	87,613
6171 Workers Compensation Insurance	40,785	42,275	39,426	39,426	41,400
6172 Unemployment Compensation	-	-	-	2,534	2,500
6181 Safety Footwear	2,203	2,718	2,610	1,605	3,510
6190 Gym Membership				20	50
6199 Employee Recognition	(225)	-	400	-	400
6220 Telephone	-	8,938	8,500	5,680	11,000
6241 Registration Fee	-	659	2,000	-	1,000
6254 Utilities - Gas & Electric	57,558	51,964	60,000	27,725	60,000
6268 Staff Training, Development	-	948	-	-	1,450
6296 Meeting Expense/Physicals (INACTIVE 2022)	2,740	-	-	-	
6339 Meals (Overnight)	-	25	-	-	
6352 Insurance	7,283	9,108	9,519	9,360	10,000
6360 Services, Labor, Contracts	-	20,611	38,000	29,223	141,000
6417 Shop Maintenance and supplies	63,044	81,119	60,000	46,262	80,000
6423 Fuel for Buildings	18,145	35,951	40,000	27,750	40,000
6514 Pavement Striping	48,076	75,219	58,275	73,236	94,800
6515 Culverts	82,540	147,367	90,000	78,905	165,000
6516 Signs and Posts	23,683	18,785	20,000	1,376	40,000
6517 Asphalt, Crack Sealant, Etc	47,747	53,372	55,000	51,045	55,000
6518 De-icing Salt	84,670	130,019	125,600	160,085	170,000
6519 Gravel & Royalty	285,782	240,418	210,000	16,934	260,000
6520 Calcium Chloride	438,158	556,994	693,500	166,704	745,000
6521 Maintenance Supplies (Road only)	322,938	379,484	10,500	7,053	10,500
6524 Winter Sand	8,580	28,056	10,000	-	
6570 Motor Fuel and Lubricants	220,126	417,079	419,100	168,690	310,800
6590 Repair and Maintenance of Equipment	289,693	447,219	270,000	147,417	300,000
6825 Municipal Maintenance Agreements	33,119	40,720	44,000	5,018	33,000
6830 Twp Road Allotment Gas Tax	419,081	624,272	643,000	452,509	514,000
Total Road Maintenance Expenditures:	\$ 3,997,740	\$ 5,139,434	\$ 4,717,749	\$ 2,432,569	\$ 4,995,907
Grand Total Operations Expenditures:	\$ 5,124,918	\$ 6,308,620	\$ 5,986,982	\$ 3,039,529	\$ 6,320,526

Highway Department Capital Equipment and Facilities Budget

Fund 308

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 5/31/2023	Proposed 2024 Budget
Revenue:					
5001 Taxes, Aids, etc.	547,885	576,000	477,300	477,300	611,000
5840 Miscellaneous Receipts	-	-		-	-
5910 Transfer In		\$ 224,000		\$ -	\$ -
Total Revenue:	\$ 547,885	\$ 800,000	\$ 477,300	\$ 477,300	\$ 611,000
Expenditures:					
6374 Auto & Trailer License	\$ 505	\$ 2,966	\$ -	\$ -	\$ -
6605 Capital Outlay - Facilities	803,397	64,018	120,000	40,575	50,000
6610 Capital Outlay - Equipment	108,036	998,745	357,300	137,911	561,000
Total Expenditures:	\$ 911,938	\$ 1,065,729	\$ 477,300	\$ 178,486	\$ 611,000

Highway Department Capital Infrastructure Budget Fund 307

	2021 Actual	2022 Actual	Adopted 2023 Budget	2023 As of 6/30/2023	Proposed 2024 Budget
Revenue:					
5001 Taxes, Aids, etc.	600,000	650,000	675,000	675,000	700,000
5230 State Park Funds	-	268,991	-	-	-
5231 State Aid - Town Bridge	-	268,817	485,300	-	235,000
5232 LRIP/LBRP Bonding	825,832	500,419	1,410,000	-	194,000
5233 State Aid - Regular Construction	2,754,515	2,808,564	3,219,900	2,432,174	1,548,100
5234 State Aid - Municipal Construction	11,919	120,400	-	-	-
5410 Federal Grants	195,804	348,088	1,820,000	-	3,473,500
5526 Township/City/Private Funds	-	228,411	140,000	20,000	177,000
5840 Misc Receipts	23,293	-	-	-	-
5910 Transfer In	-	336,000	-	-	-
5947 Planned Use of Fund Balance	-	-	80,000	-	-
5948 County Ditch/County Development Funds	28,314	-	100,000	-	-
Total Revenue:	\$ 4,439,677	\$ 5,529,690	\$ 7,930,200	\$ 3,127,174	\$ 6,327,600
Expenditures:					
6230 Printing and Publishing	1,090	938	1,200	505	900
6262 Contract Payments	6,186,399	4,419,804	7,675,000	346,908	5,721,000
6269 Professional Services	65,916	195,106	106,000	44,911	125,000
6295 Utility Moves	62,611	-	40,000	-	-
6311 Transfer to Fund Balance	-	-	-	-	480,700
6362 Right of Way	29,434	163,547	108,000	-	-
Total Expenditures:	\$ 6,345,450	\$ 4,779,395	\$ 7,930,200	\$ 392,325	\$ 6,327,600

Notes: Revenue line item 5001 based on proposed 2024-2028 Capital Road Improvement Program.

2024 Disbursements						2024 Receipts									
Project	Printing and Publishing	Professional Services	Contract Payments	Utility Moves	Right of Way	Property Tax Revenue	Federal Transportation Funds	State Park Funds	State-aid Disaster Funcs	Town Bridge Funds	LBRP/LRIP Funds	State-aid Regular Construction	State-aid Municipal Construction	Township/City/State/Other Funds	Notes
2023 Projects															
S.P. 001-090-003			\$ 135,000				\$ 103,000							\$ 27,000	\$390,300 budgetted previous years
S.P. 001-611-003			\$ 740,000				\$ 503,000				\$ 148,000	\$ 92,000			\$3,815,300 budgetted previous years
S.A.P. 001-64C-003			\$ 130,000									\$ 130,000			\$940,000 budgetted previous year
S.A.P. 001-03C-008			\$ 15,000			\$ 15,000									\$150,000 budgetted previous year, CR 54
S.P. 001-070-010			\$ 148,000				\$ 143,000								
2024 Projects															
S.A.P. 001-59C-041			\$ 200,000							\$ 200,000					\$120,250 budgetted previous years
S.A.P. 001-59C-043			\$ 35,000							\$ 35,000					\$495,300 budgetted previous years
S.A.P. 001-60C-016			\$ 68,000				\$ 1,013,000				\$ (410,000)	\$ (540,000)			\$1,004,300 budgetted previous years
C.P. 001-470-C01			\$ 150,000										\$ 150,000		\$100,000 budgetted previous year
S.P. 001-602-C14	\$ 300		\$ 2,125,000				\$ 1,699,500					\$ 225,800			
S.A.P. 001-614-015	\$ 300		\$ 1,315,000									\$ 1,315,300			
S.A.P. 001-59E-016	\$ 300		\$ 660,000			\$ 204,300				\$ 456,000					\$39,000 budgetted previous years
Future Projects															
S.A.P. 001-605-014															\$225,000 budgetted previous years
S.A.P. 001-605-015															\$50,000 budgetted previous years
S.A.P. 001-622-010															\$10,000 budgetted previous years
C.P. 001-062-005 / C.P. 001-071-001															\$115,000 budgetted previous years
S.A.P. 001-614-016		\$ 50,000										\$ 50,000			
CSAH 2 Bridge 7215/7216 Bridge Replacement		\$ 75,000										\$ 75,000			
Totals:	\$ 900	\$ 125,000	\$ 5,721,000	\$ -	\$ -	\$ 219,300	\$ 3,473,500	\$ -	\$ -	\$ 235,000	\$ 194,000	\$ 1,548,100	\$ -	\$ 177,000	

ADMIN
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE	PROJ.	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
		AQ. COST	LIFE							
Unit #631 Office Desk - Maintenance Foreman		03/06/00 \$ 3,031.74	10						-	
Unit #632 Office Desk - Asst Maint. Foreman		03/06/00 \$ 2,323.78	10						-	
Unit #644 Computer - Maintenance Foremen		1/22/2020 \$ 867.00	4						-	
John's Laptop Surface Book 2 - 13.5" Display	420174254	12/28/17 \$ 2,089.07	4		2,000				2,000	
Unit #653 (Carol) Office Assistant Computer		1/22/2020 \$ 867.00	4		1,200				1,200	
Unit #657 (John) Engineer Computer		7/2/2018 \$ 1,376.00	4						-	
Unit #658 Maintenance Employees Computer #2		12/7/2016 \$ 910.00	4						-	
Unit #659 (Butch) Assistant Maint Supervisor Computer		12/7/2016 \$ 1,288.00	4						-	
Unit #661 Mechanic Computer		1/22/2020 \$ 867.00	4						-	
Unit #662 Maintenance Employees Computer #1		1/22/2020 \$ 867.00	4						-	
Unit #663 Aitkin Office Furniture		4/16/2021 \$ 60,966.81	20							
Unit #664 (Mike) Asst. Engineer Computer		05/21/21 \$ 1,699.00	4			1,800			1,800	
Unit #665 (Dave) ROW - Permitting Agent Computer		05/21/21 \$ 1,699.00	4			1,800			1,800	
Unit #666 (Sarah) Accountant Computer		5/21/2021 \$ 1,095.00	4			1,300			1,300	
Unit #785 NewRoads ACS Software		10/1/2013 \$ 9,084.38	30							
Sarah's Laptop Latitude 5511 - Dell	4TDRZ53	09/01/20 \$ 2,300.00	4					3,000	3,000	
Mike's Laptop Precision 7750 - Dell	B5BK063	09/01/20 \$ 3,410.00	4					3,000	3,000	
Carol's Laptop Latitude 5511 - Dell	2QDRZ53	09/01/20 \$ 2,300.00	4					3,000	3,000	
Conference Room Projector Panasaonic LCD Projector	GA0661968	06/30/21 \$ 2,500.00	4							
Total:				\$ -	\$ 3,200	\$ 4,900	\$ -	\$ 9,000	\$ 17,100	R&B levy

ATV

Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #13 2011 Polaris 500 Ranger ATV	4XARH50A6BB070008 2,452 miles	4/15/2011 \$ 9,894.94	8						-	
Total:				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	R&B levy

BELLY DUMPS

Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #499 1995 Red River Belly Dump	1R9BD423XS1051056 151,962 miles	05/04/95 \$ 26,417.80	20			30,000			30,000	
Unit #501 2001 Red River Belly Dump	4ZYBD42311000233 123,500 miles	05/22/01 \$ 28,462.32	20						-	
Unit #503 2015 CPS Belly Dump	5MC434214F3149962	4/3/2020 \$ 21,400.00	20						-	
Total:				\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 30,000	R&B levy

CONST
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #709: Pin Finder Locator FT150	45B9086F	01/01/89 \$ 500.00	10						-	
Unit #711: Concrete Air Tester	P116	04/07/95 \$ 575.18	20						-	
Unit #718: Laser Level	14165	06/06/97 \$ 2,337.68	10						-	
Unit #726: Course Sieve Shaker		06/19/01 \$ 3,522.26	5						-	
Unit #727 Digital Scale		03/27/02 \$ 1,452.00	5						-	
Unit #731 One Office DataBase/Egram		9/2/2005 \$ 15,763.93	10						-	
Unit #738 HP Laserjet 5200 DTN Printer		11/27/2012 \$ 2,396.00	8						-	
Unit #739 Autocad Civil 3D 2017		1/12/2017 \$ 41,224.62	5						-	
Unit #740 Trimble Survey Equipment 2019	5834F00202	5/28/2019 \$ 67,863.01	8						-	
Unit #769 Toughbooks #1		9/21/2011 \$ 1,757.03	5						-	
Unit #772 IPAD - Sign Truck		9/2/2015 \$ 930.97	4						-	
Unit #777 Nikon Auto Level		6/3/2009 \$ 1,050.94	1						-	
Unit #778 E-TimeCard		12/24/2009 \$ 9,570.00							-	
Unit #784 Engineer Tech Computer #5		4/14/2013 \$ 1,159.59	4						-	
Unit #786 Eng. Tech Desktop Computers - 4		1/1/2018 \$ 6,664.36	4						-	
Unit #787 Eng. Tech Laptop's - 4		1/1/2018 \$ 7,210.80	4		10,000				10,000	
Upgrade R8 GPS Receivers	R12I-101-60-01 R12I-CFG-001-40	1/4/2023 \$ 28,315.00	8						-	
Total:				\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	R&B levy

DUMP TRUCKS

Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #127: (Spare) 2000 Ford Single Axle	2FZHOJBB2YAB12882 121,070 miles	10/22/99 \$ 93,834.69	8						-	
Unit #135 (Aitkin - Greg) 2012 International Tandem	1HTGRSJT1CJ634654 199,686 miles	2/13/2012 \$ 180,115.33	8	145,000	-				145,000	
Unit #136 (Aitkin - Randy) 2012 International Tandem	1HTGRSJT1CJ634655 199,189 miles	2/13/2012 \$ 180,115.32	8	110,000	175,000				285,000	
Unit 137 (Scott - McGregor) 2012 International Tandem	1HTGRSJT1CJ634656 137,456 miles	2/13/2012 \$ 181,528.21	8		240,000	45,000			285,000	
Unit 138 (Aitkin - Al) 2012 International Tandem	1HTGRSJT1CJ634657 162,688 miles	2/13/2012 \$ 181,837.07	8			285,000			285,000	
Unit 139 (McGrath - Ben) 2016 Mack GU 713	1M2AX09C5GM031563 99,584 miles	11/25/2015 \$ 182,454.37	8				240,000	20,000	260,000	
Unit 140 (Palisade - Gary) 2016 Mack GU 713	1M2AX09C7GM031564 80,757 miles	11/25/2015 \$ 182,454.37	8					290,000	290,000	
Unit 141 (McGrath - Randy) 2016 Mack GU 713	1M2AX09C9GM031565 78,364 miles	11/25/2015 \$ 182,454.37	8					260,000	260,000	
Unit 142 (Jacobson) 2010 Mack GU812 Single Axle	1M2AX11C0AM001296 123,995 miles	10/30/2018 \$ 93,234.00	8						-	
Unit 143 (Palisade - Dcn) 2019 Mack GR64F	1M2GR3C1KM011697 56,584 miles	5/2/2019 \$ 192,262.32	8						-	
Unit 144 (Aitkin - Rick) 2020 Mack GR64F	1M2GR3GC1LM011698 106,318 miles	5/2/2019 \$ 192,262.32	8						-	
Unit 145 (McGregor - Dave) 2019 Mack GR64F	1M2GR3GC5KM011699 95,173 miles	5/2/2019 \$ 192,262.32	8						-	
Unit 146 (Chassis Only) 2015 International ProStar	1HSDJAPR1FH528155 368,171 miles	3/27/2020 \$ 51,707.50	8						-	
Unit 147 (McGregor - Kyle) 2022 MACK GR64F	1M2GR3GC1NM028908 18,724 miles	4/25/2022 \$ 217,254.73	8						-	
Unit 148 (Palisade - Josh) 2022 MACK GR64F	1M2GR3GCXMN028907 23,132 miles	5/9/2022 \$ 215,259.73	8						-	
Unit 149 (Swatara - Florian) 2022 MACK GR64F	1M2GR3GC3NM028909 7,076 miles	5/18/2022 \$ 222,161.99	8						-	
Chassis Only Tandem Truck						52,000			52,000	
Total:				\$ 255,000	\$ 415,000	\$ 382,000	\$ 240,000	\$ 570,000	\$ 1,862,000	R&B levy

LOADERS

Aitkin County Highway Department

DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #010 1989 Case 1840 Skidsteer	JAF 0046781 1,917 hours	06/30/91 \$ 14,320.00	5						-	
Unit #020 Bobcat Skidsteer	519025062 1,962 hours	8/21/2009 \$12,500	6						-	
Unit #366: 1985 John Deere Tractor-Loader	4S6575 7,694 hours	06/01/85 \$ 27,895.00	7						-	
Unit #371 (Aitkin) 2008 John Deere 624J Loader	DW624J2620150 3,908 hours	5/15/2008 \$ 102,623.40	10						-	
Unit #386: (Swatara) 2003 JD 410E Wheel Loader Backhoe	T0410EX885689 452 hours	11/21/2013 \$ 30,459.38	10						-	
Unit #389: (Jacobson) 1994 Ford Loader/Backhoe	A428046 3,536 hours	11/01/94 \$ 49,456.05	10	80,000					80,000	
Unit #391: (Palisade) 1997 Cat 938F Loader	1KM02373 5,680 hours	06/09/97 \$ 121,976.00	10				250,000		250,000	
Unit #397 (McGrath) John Deere Loader/Backhoe	T0310SG927807 2,907 hours	12/22/2003 \$ 45,382.85	12						-	
Unit #398 (McGregor) John Deere 624J Loader	DW624JZ591593 3,333 hours	4/8/2004 \$ 114,444.90	12						-	
Total:				\$ 80,000	\$ -	\$ -	\$ 250,000	\$ -	\$ 330,000	R&B levy

Turfmaker 325 - Hydroseeder		\$ 11,075.00	10							
8' Disk Mower					20,000				20,000	
Mastic Patch Trailer					70,000				70,000	
Total:				\$ -	\$ 90,000	\$ 70,000	\$ 90,000	\$ -	\$ 250,000	R&B levy

2016 GMC Sierra 1500	90 273 miles	\$ 23,020.00	5							-	
Total:				\$ 163,000	\$ 30,000	\$ 107,000	\$ 34,000	\$ 55,000	\$ 389,000	R&B levy	

SHOP
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #802: Airco Welder Outfit	DH911005	01/01/80 \$ 1,758.88	10						-	
Unit 803 Gray Wireless Portable Life System		1/30/2020 \$ 38,233.00	10							
Unit #804: (Aitkin) Pressure Washer	118215	01/01/80 \$ 750.49	10						-	
Unit #806: John Deere Snowblower	TY0522A003004	01/11/76 \$ 800.00	10	3,000					3,000	
Unit 807: Sears Portable Generator		03/17/95 \$ 1,124.24	10						-	
Unit #809 Plasma Cutter		1/12/2007 \$ 2,343.00	4						-	
Unit #811 Husqvarna Chop Saw K760		9/11/2013 \$ 1,916.92	4						-	
Unit #812 AC/DC 225/115 Welder		6/12/2018 \$ 701.87	1						-	
Unit #813 Power Mig 256 Mig Welder		6/12/2018 \$ 2,483.40	1						-	
Unit #814 2020 John Deere Z7E Trak	60 hours	3/1/2021 \$ 5,345.00	4							
Total:				3,000	-	-	-	-	3,000	

TRACTORS
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #350 (Aitkin) John Deer Tractor/Mower	L06430H520378 7,351 hours	4/19/2007 \$ 75,268.00	10	60,000					60,000	
Unit #351 New Holland Tractor Mower	NT01172M 3,275 hours	10/6/2016 \$ 66,121.56	10						-	
Unit #352 New Holland - Guardrail Mower	1,892 hours	7/12/2019 \$ 103,838.50	10						-	
Total:				\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000	R&B levy

TRAILERS
Aitkin County Highway Department

EQUIPMENT DESCRIPTION	SERIAL # MILEAGE	AQ. DATE AQ. COST	PROJ. LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Unit #028 (McGrath) Felling Trailer	5FTDA292871027973	6/21/2006 \$ 15,819.88	8						-	
Unit #029 (HydroSeeder) Felling Trailer	1F9FS1425M1072074	05/08/91 \$ 9,400.00	8						-	
Unit #031 Survey Trailer	4P5671213B2160170	4/1/2011 \$ 1,760.25	8						-	
Unit #033 Homemade Culvert Trailer	DPWMN890722	01/01/90 \$ -	5						-	
Unit #034 (Jacobson) Towmaster Trailer	2471	06/21/88 \$ 10,705.35	8		32,000				32,000	
Unit #035 Homemade 6X8 Trailer	DPSMN890723	03/14/86 \$ 100.00	8						-	
Unit #051 (Aitkin) Towmaster Trailer T-50	4KNFT2431EL162184	05/30/2014 \$ 26,005.96	10						-	
Unit #52 Continental Cargo 6x10 Trailer	5NHUVH019FN079008	4/14/2016 \$ 3,243.93	10						-	
Unit #53 (Skid Loader) Kaufman Trailer	5SHFD222XMB001728	7/6/2021 \$ 6,780.30	10						-	
Unit #54 (Trackhoe) 2022 TM T-50 Trailer	4KNBF3432NL162626	2/2/2022 \$ 28,041.00	10						-	
Unit #97 (pipe trailer) Home Made Trailer	DSPMN890724	03/10/89 \$ 694.34	8						-	
Total:				\$ -	\$ 32,000	\$ -	\$ -	\$ -	\$ 32,000	R&B levy

Grand Total Capital Equipment: \$ 561,000 \$ 580,200 \$ 593,900 \$ 614,000 \$ 634,000 \$ 2,983,100

Aitkin Area Maintenance Facility:

- constructed 1975
- addition constructed in 2000, 2020, salt shed 2012

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Shop Reconfiguration/Addition			100,000	100,000	100,000	100,000	400,000	
							-	
Total:		\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000	

Jacobson Area Maintenance Facility:

- constructed 1992

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
							-	
							-	
Total:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

McGrath Area Maintenance Facility:

- constructed 1973
- new roof, siding, and insulation 2011

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Diesel Fuel Tank Replacement		40,000					40,000	
							0	
Total:		\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000	

McGregor Area Maintenance Facility:

- constructed 1974
- addition, new roof, siding, and insulation 2008

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Diesel Fuel Tank Replacement							0	
Replace Fabric Salt Shed Roof				16,000			16,000	
Total:		\$ -	\$ -	\$ 16,000	\$ -	\$ -	\$ 16,000	

Palisade Area Maintenance Facility:

- constructed 2004

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Cold Storage Building							-	
Gate		5,000					-	
Total:		\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	

Swatara Area Maintenance Facility:

- constructed 2006

DESCRIPTION	PROJ LIFE	2024	2025	2026	2027	2028	5 YEAR TOTAL	FUNDING SOURCE
Gate		5,000					5,000	
							-	
Total:		\$5,000	\$0	\$0	\$0	\$0	\$5,000	
Grand Total Capital Facilities:		\$50,000	\$100,000	\$116,000	\$100,000	\$100,000	\$461,000	

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 Resurfacing	10.4	TH 65 to Pine County Line	2004/RQI 3.2	\$ 2,125,000
CSAH 14 Culvert Replacements (6)	1.88	2.3 miles NE of TH 65 to CSAH 40		\$ 515,000
CSAH 14 Culvert Replacements (16)	4.44	CSAH 36 to State Park		\$ 800,000
			Total:	\$ 3,440,000
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	\$ 712,761
CSAH 22 Bridge No. 01502 Replacement	0.1	CSAH 22 over Wakefield Brook	1960/LPI 61	\$ 400,000
SAP 001-598-016 - CR 54 Bridge No. 7375 Replacement	0.5	CR 54 over Sissabagamah Creek	1950/LPI 52	\$ 510,000
CR 62 Reconstruction (Grading and Agg. Base)	1.36	435th Street to CR 71		\$ 755,000
CR 71 Reconstruction (Grading and Agg. Base)	1			\$ 555,000
			Total:	\$ 6,932,761
2026				
CSAH 5 Resurfacing	7.5	TH 210 to CSAH 3	2009/RQI 2.5-2.6	\$ 1,800,000
CSAH 5 Bituminous Paving	4.7	CR 53 to TH 210		\$ 1,600,000
CSAH 8 Resurfacing	1.97	Soo Grade to TH 65	2007/3.1	\$ 500,000
CSAH 14 Resurfacing	1.88	2.3 miles NE of TH 65 to CSAH 40	2001/RQI 2.8-3.0	\$ 450,000
CSAH 14 Resurfacing	4.44	CSAH 36 to State Park	2001/RQI 2.8-3.0	\$ 935,000
CSAH 14 Reconstruction	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:	\$ 8,391,000
2027				
CSAH 1 Resurfacing	0.45	US Hwy 169 to Mississippi River	2005/RQI 1.9-2.2	\$ 175,000
CSAH 2 Bridge No. 7215/7216 Replacement	0.2	CSAH 2 over Snake/Unnamed River	1958/LPI 58,61	\$ 1,700,000
CSAH 28 Resurfacing	5.8	CSAH 12 to US Hwy 169	2003/RQI 3.2-3.3	\$ 1,300,000
CR 54 Resurfacing (length expanded from previous program)	1.3	CSAH 1 to CR 83	2003/RQI 2.5-2.6	\$ 285,000
CSAH 19 Gravel Road Improvements (0.7 of 6.8 miles)	0.7	Cass County Line to CSAH 29		\$ 160,000
CSAH 19 Bridge No. 88102 Replacement	0.1	CSAH 19 over Moose River		\$ 220,000
CSAH 37 Resurfacing	2.3		2003/2.5-2.7	\$ 500,000
			Total:	\$ 4,340,000
2028				
CSAH 4 Resurfacing	14.4		2008/3.0-3.1	\$ 3,250,000
CSAH 3 Resurfacing	5.74	Crow Wing county line to CSAH 29	2006/3.2	\$ 1,480,000
CSAH 7 Resurfacing	3.2		2006/2.8-2.9	\$ 700,000
CSAH 29 Resurfacing	2.3		2008/2.6	\$ 520,000
CSAH 29 Resurfacing	0.25	CSAH 7 to CSAH 19	2006/3.2-3.5	\$ 54,450
CR 57 gravel road improvements	7.1			\$ 1,700,000
				\$ 7,704,450
Five Year Total:				\$ 30,808,211

Project Selection Process

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

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

1. Bridge Replacement

Bridge replacement projects are selected based on calculated sufficiency 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.

2. 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 Ride Quality Index (RQI) information for all of Aitkin County's paved highway 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.

3. Gravel Road Reconstruction to Paved Road Standards

Projects in this category are programmed for existing gravel roads to reconstruct them as improved, paved highways. Projects are chosen 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.

4. Gravel Road Improvement

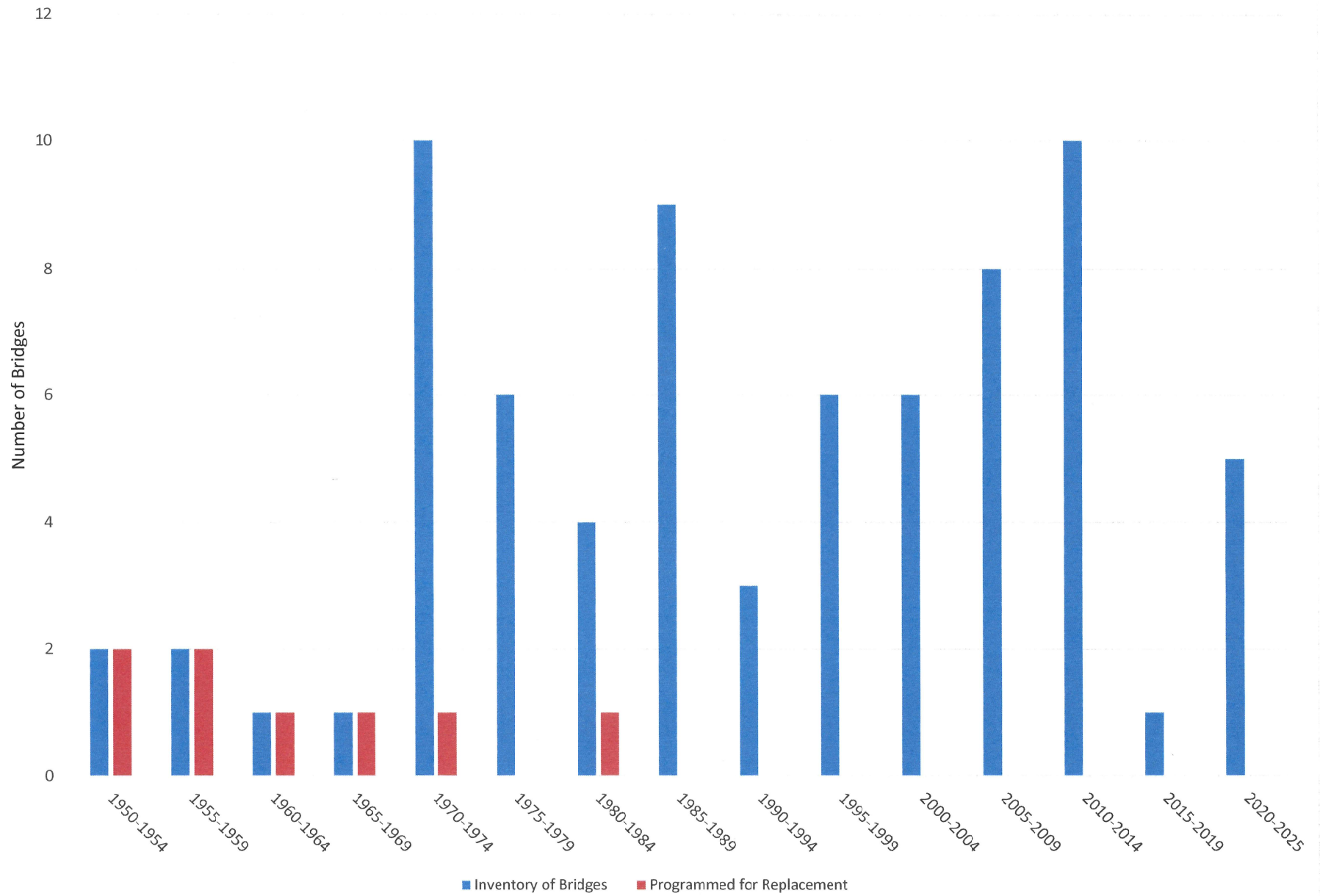
Projects in this category involve drainage and roadbed improvements on roads that will remain as gravel surfaced roads. Projects constructed under this category are programmed based on observed deficiencies of gravel road segments.

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

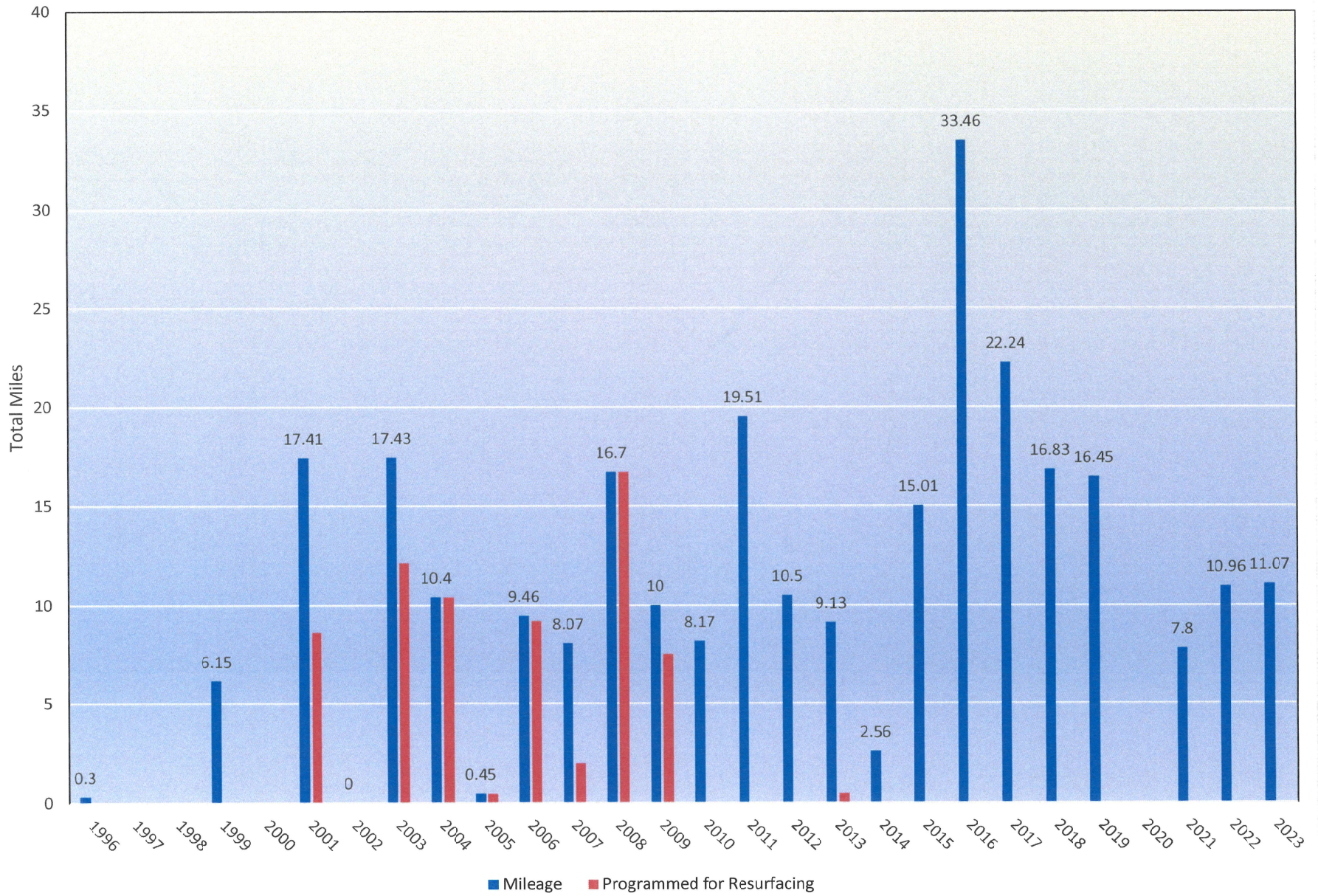


Bituminous Pavements - Age and RQI Data

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

Pavement Age



Priority Rating Worksheet

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

8/15/2023

Road Number	Segment Description	Length	2016 ADT (20 points decile)	Residence Density (20 point decile)	Functional Classification (10 points)	Sight Distance Deficiency (10 point decile)	Improved Route System Layout (10 points)	Privately-Owed Land (10 point decile)	Priority Rating (80 points)
5.2	CR 53 to TH 210	4.7	12	20	10	6	10	7	58.7
71		1	20	12	4	1	10	10	48.0
1	3.6 miles N of CSAH 22 to CSAH 3	7.4	16	6	10	2	10	6	44.6
30	TH 65 to CSAH 16	7	16	14	7	6	0	10	44.0
51	TH 18 to CSAH 28	4.77	12	14	4	3	10	8	43.8
62.1	2 miles N of TH 210 to CR 71	1.36	20	6	4	1	10	10	42.0
64.2	CSAH 32 to 5 miles North	5	16	16	4	3	0	3	39.3
50	CSAH 5 to CR 56	2.95	18	2	4	3	10	10	38.0
13	CSAH 16 to Carlton County Line	5.6	12	2	7	4	10	5	35.5
62.2	CR 71 to 1 mile south of TH 232	3	10	8	4	1	10	10	34.0
19.2	CSAH 20 to CSAH 29	2	14	4	10	5	0	3	33.3
19.1	Cass County Line to CSAH 20	4.8	6	10	10	7	0	2	33.2
5.1	CR 50 to CR 53	5.9	8	10	10	4	0	10	33.0
57.1	TH 65 to 5 miles east	5	14	8	4	5	0	10	32.0
27	CSAH 13 to TH 27	6.6	4	6	7	4	10	9	31.9
74		2.07	4	6	4	4	10	10	29.0
36.2	CR 65 to 1.5 miles N of CSAH 14	5.2	8	6	7	7	0	5	28.5
59		4.28	16	4	4	3	0	10	28.0
63		2.69	6	8	4	9	0	10	28.0
54	End of Blacktop to TH 210	4.88	8	2	4	3	10	10	28.0
29.3	CSAH 7 to CR 67	4.54	10	6	7	4	0	6	27.6
36.1	TH 65 to CR 65	4.2	8	4	7	8	0	3	27.3
65		8.96	6	6	4	10	0	3	26.3
61.1	TH 65 to TH 18	4.73	6	10	4	5	0	10	26.0
72		1.2	8	8	4	5	0	10	26.0
64.1	5 miles N of CSAH 32 to CSAH 14	4.49	6	10	4	5	0	6	25.6
21	CSAH 1 to TH 169	6.9	6	4	10	4	0	10	25.0
75	TH 27 to CSAH 34	6.9	4	8	7	5	0	6	24.6
73		5.1	14	4	4	2	0	6	24.6
5.3	CSAH 3 to CSAH 18	7.81	10	6	7	1	0	5	24.5
26.3	TH 65 to CSAH 2	9.1	8	4	7	4	0	3	23.3
29.4	CR 67 to TH 200	2	10	4	7	2	0	2	23.2
26.1	CSAH 38 to CR 59	5	8	4	7	3	0	10	23.0
60W		1.08	10	6	4	2	0	10	23.0
35	TH 65 to Itasca County Line	0.4	8	4	7	1	0	10	21.0
20	Cass County Line to CSAH 19	5.9	6	4	7	3	0	6	20.6
61.2	TH 18 to CSAH 23	7	4	6	4	5	0	9	19.9
68.1	CSAH 29 to dead end west	2	4	6	4	5	0	8	19.8
26.2	CR 59 to TH 65	6	4	6	7	2	0	7	19.7
29.2	CR 68 to CSAH 7	6.3	6	4	7	2	0	1	19.1
34	CSAH 2 to CR 75	6.3	4	4	7	3	0	6	18.6
80		1.7	6	4	4	3	0	10	18.0
29.1	2.3 miles N of CSAH 3 to CR 68	3.3	6	2	7	2	0	3	17.3
57.2	TH 27 to 4 miles North	4.04	2	4	4	6	0	10	17.0
58		2.67	4	4	4	4	0	8	16.8
67		5.17	2	4	4	6	0	8	16.7
56.1	TH 210 to CR 50	2	8	2	4	1	0	6	15.6
68.2	CSAH 29 to TH 169	3.3	4	4	4	3	0	7	15.2
68.3	TH 169 to dead end east	1.2	4	4	4	2	0	8	14.8
18.2	CSAH 5 to CSAH 10	6.1	2	2	7	2	0	10	14.0
56.2	CR 50 to CSAH 5	6.4	2	2	4	5	0	8	13.7
18.1	TH 169 to CSAH 5	6.1	2	2	7	1	0	3	12.3