

INDUSTRIAL BY PRODUCTS, LLC

18382 FM Rd. Sturgeon Lake, MN 55783
612-860-8813

Date: 8-13-19

Township: Jevne

Dear Officials:

The Industrial By-Products LLC, following Minnesota Pollution Control guidelines, has reviewed and accepted an application to land apply wood ash and /or lime on the following site in order to raise the soil pH:

Owners Name & Address: Dale Hansen

Home Phone:

27841 480 th Street

Palisade, Mn 56469

Cell #: 320-266-6889

Field ID:

Acres:

Township:

County:

Rawlings

15

Jevne

Aitkin

Based on analyses of lime from past operating reports, it is considered suitable for agricultural use if proper application rates and management practices are followed.

Complete permit applications are available for review at Industrial By Products, LLC. These permits include: complete soil tests of the field, aerial photographs of the field, NRCS soil maps indicating location and extent of soils, and road maps showing location of this site. If you have any comments or questions, please contact us at (612) 860-8813

Sincerely,

Jason Williams

Owner

IBP LLC

INDUSTRIAL BY PRODUCTS, LLC

18382 FM Rd. Sturgeon Lake, MN 55783
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Date: 8-13-19

Township: Logan

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Johnson	5	Logan	Aitkin

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Handout
6A

2020 Budget Overview

August 27, 2020

The Highway Department Budget contains three components:

1. Operations

- Expenditures itemized for three work sections:
 - Administration
 - Engineering
 - Maintenance
- Revenues combined for all three work sections

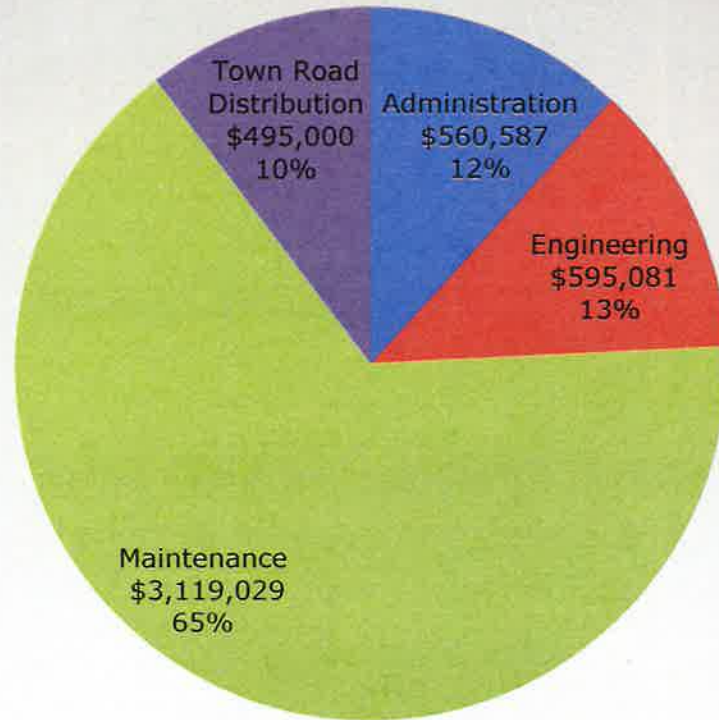
2. Capital Equipment and Facilities

- Contains revenues and expenditures for all equipment purchases and facility improvements as contained in 5-year capital equipment/facilities plan

3. Capital Infrastructure

- Contains revenues and expenditures for all county highway construction projects as outlined by 5-year capital road improvement plan including township/city projects done by agreement with other local government units

Budget Components



Operations Budget Expenditures by Work Section

- Total Operations Expenditures budgeted to increase 2.0%
- Payroll costs represent 61% of operational costs
 - Addition of Equipment Operator position to current staff of 29 full-time and 4 seasonal employees for latter half of 2020
- MCIT insurance projected cost – 3% increase
- Motor Fuel projected cost – 1.8% increase
- Contracted maint. services – 9.3% decrease
- Maintenance material costs– 20.5% increase
 - De-icing salt cost increase of 44% to \$74.20/ton

Operations Expenditure Highlights

- Total Operations Revenue budgeted to increase 4.0%
- County State-Aid Revenue – 4.8% increase
- Township/City/Ditch Revenue – 24% increase
- Planned use of \$200,000 of fund balance

Operations Revenue Highlights

- Facility Improvements - \$100,000
 - Aitkin office expansion/renovation - \$100,000

- Equipment Replacements - \$516,400
 - motor grader - \$220,000
 - track excavator - \$110,000
 - belly dump trailer with used truck chassis - \$70,000
 - two pickup trucks - \$59,000
 - hydraulic vehicle hoist - \$35,000
 - Shouldering attachment - \$20,000

- 5-year (2020-2024) Capital Equipment and Facility Plan included in budget document
 - Indicates that equipment/facility budget increasing approx. 3% per year

Capital Equipment/Facilities Budget

- **Expenditures**
 - \$96,000 for professional services related to projects
 - \$3.813 million for anticipated contract payments
 - \$417,000 for anticipated right of way costs
 - Total expenditures of \$4.327 million, decrease of 1.5% from 2019
- **Revenue**
 - \$600,000 local levy
 - \$600,000 has been unchanged since 2007
 - \$245,000 town bridge funds
 - \$2.939 million state-aid construction funds
- Proposed 2020-2024 Capital Infrastructure Plan included in budget documents

Capital Infrastructure Budget

2020 Highway Department Budget Summary

Revenue:					
	2017	2018	Adopted	2019	Proposed
	Actual	Actual	2019 Budget	As of 6-30-19	2020
					Budget
Operating	\$ 4,504,695	\$ 4,441,372	\$ 4,563,099	\$2,008,926	\$ 4,769,697
Capital Equipment/Facilities	\$ 555,200	\$ 571,600	\$ 605,000	\$ -	\$ 616,400
Capital Infrastructure	\$ 3,748,789	\$ 3,112,769	\$ 4,395,000	\$1,405,695	\$ 4,327,700
Total:	\$ 8,808,684	\$ 8,125,741	\$ 9,563,099	\$3,414,621	\$ 9,713,797
Expenditures:					
Operating	\$ 4,050,886	\$ 4,013,396	\$ 4,563,099	\$2,308,809	\$ 4,769,697
Capital Equipment/Facilities	\$ 126,816	\$ 371,948	\$ 605,000	\$ 660,654	\$ 616,400
Capital Infrastructure	\$ 5,255,463	\$ 6,031,144	\$ 4,395,000	\$ 677,945	\$ 4,327,700
Total:	\$ 9,433,165	\$10,416,488	\$ 9,563,099	\$3,647,408	\$ 9,713,797

2020 Highway Department Budget Levy Revenue Summary

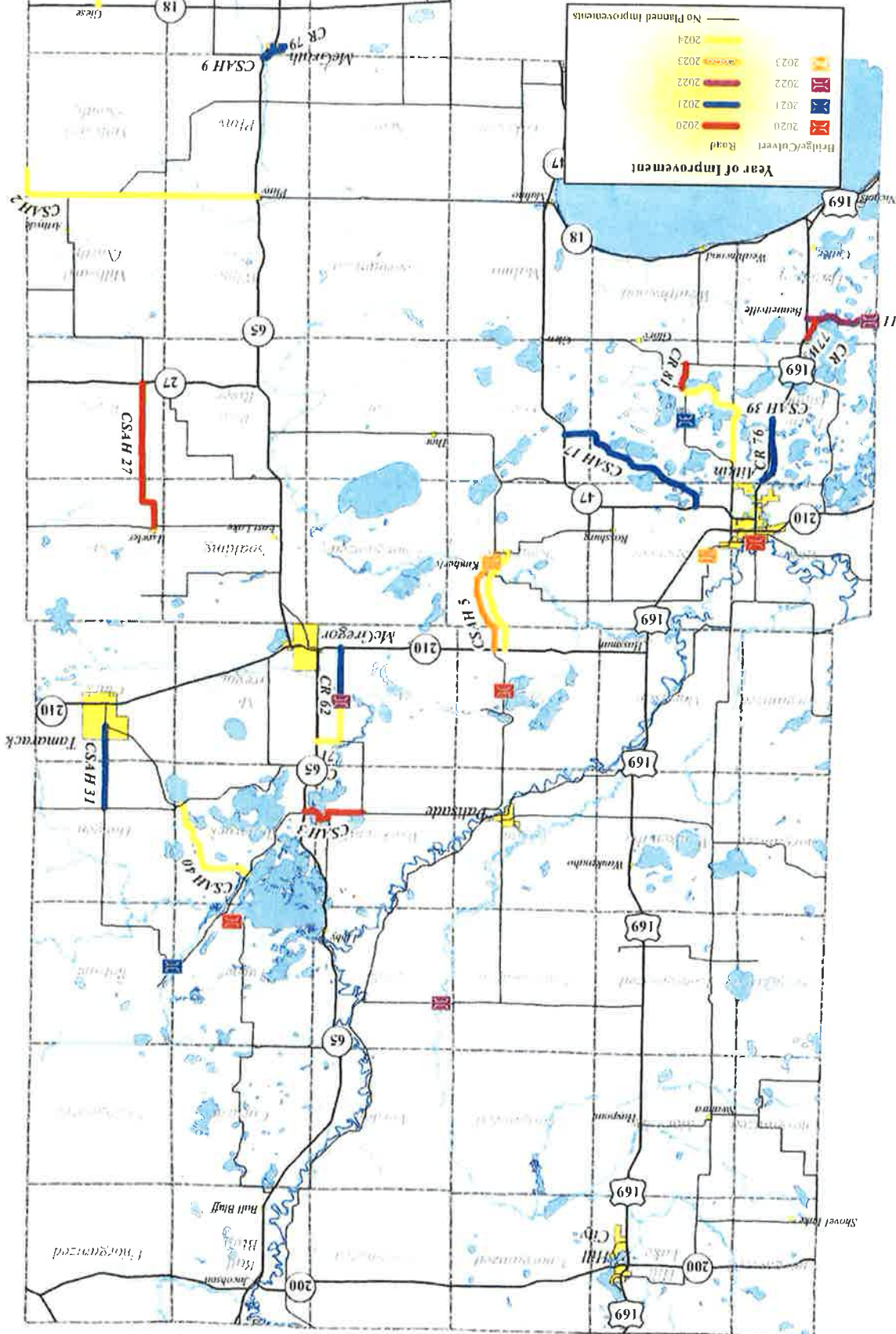
	2017 Actual	2018 Actual	Adopted 2019 Budget As of 6-30-19	2019 As of 6-30-19	Proposed 2020 Budget
Operating	\$ 1,384,570	\$ 1,415,624	\$ 1,236,169	\$ 148,348	\$ 1,361,467
Capital Equipment/Facilities	\$ 555,200	\$ 571,600	\$ 605,000	\$ 605,000	\$ 616,400
Capital Infrastructure	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
Total:	\$ 2,539,770	\$ 2,587,224	\$ 2,441,169	\$1,353,348	\$ 2,577,867
% Increase Over Previous Year's Budget:					5.60%

Proposed 2020 through 2024 Capital Road Improvement Plan

	Length	Location	Pavement Age/RQI	Estimated Construction Cost
2020				
SAP 001-601-021 - CSAH 1 Bridge Rehabilitation	0.1	CSAH 1 over Mississippi River		\$ 400,000
S.A.P. 001-603-018 - CSAH 3 Reconstruction	3.2	6 miles east of CSAH 5 to TH 65	2001/1.7-1.8 ('17)	\$ 3,200,000
S.A.P. 001-605-013 - CSAH 5 Bridge (Culvert) Replacement	0.1	CSAH 5 over Fleming Lake inlet		\$ 179,182
CSAH 36 Culvert Replacement				\$ 60,000
CP 001-027-001 CSAH 27 Gravel Road Improvement	6.6			\$ 800,000
CR 77W Resurfacing (chip seal)	1.04		1999/2.3 ('17)	\$ 40,000
CR 81 Resurfacing (chipseal)	1.05		1999/3.1-3.3('17)	\$ 40,000
			Total:	\$ 4,719,182
2021				
SAP 001-609-004 - CSAH 9 Resurfacing	0.82		2003/2.2-2.4('17)	\$ 130,000
SAP 001-612-023 - CSAH 12 Bridge Replacement	0.2	CSAH 12 over Ripple River		\$ 600,000
SAP 001-614-014 CSAH 14 Bridge Replacement	0.2	CSAH 14 over Savanna River		\$ 370,000
SAP 001-617-004 - CSAH 17 Resurfacing	7.1		1997/3.1 ('17)	\$ 1,200,000
SAP 001-625-002 - CSAH 25 Bituminous Paving	3.3			\$ 1,200,000
SAP 001-631-003 - CSAH 31 Resurfacing	3.53		2002/2.4-2.5('17)	\$ 600,000
CP 001-062-004 - CR 62 Resurfacing	2.64	TH 210 to 435th Street	2002/2.6-2.8('17)	\$ 450,000
CP 001-076-001 - CR 76 Resurfacing/Culvert Replacement	2.82		1999/2.7 ('17)	\$ 700,000
CP 001-079-002 - CR 79 Resurfacing	0.48		2003/2.0-2.1('17)	\$ 80,000
			Total:	\$ 5,330,000
2022				
SP 001-611-003 - CSAH 11 Widening/Resurfacing/Bridge Replacement	3.2		2003/3.1-3.3 ('17)	\$ 3,400,000
SAP 001-618-005 - CSAH 18 Bridge Replacement	0.2	CSAH 18 over Willow River		\$ 975,000
SAP 001-598-014 - CR 62 Bridge Replacement	0.2	CR 62 over Sandy River		\$ 650,000
HSIP Pavement Markings				\$ 230,000
			Total:	\$ 5,255,000
2023				
SAP 001-605-014 - CSAH 5 Reconstruction (Grading and Agg. Base)	4.7	CR 53 to TH 210		\$ 2,500,000
CSAH 5 Bridge Replacement	0.1	CSAH 5 over Rice River		\$ 735,000
SAP 001-598-016 - CR 54 Bridge Replacement	0.5	CR 54 over Sissabagamah Creek		\$ 450,000
			Total:	\$ 3,685,000
2024				
CSAH 2 Resurfacing	10.4	TH 65 to Pine County Line		\$ 800,000
CSAH 5 Bituminous Paving	4.7	CR 53 to TH 210		\$ 1,800,000
CSAH 23 Resurfacing	5.3			\$ 380,000
CSAH 39 Resurfacing	5.1		1999/3.6('17)	\$ 375,000
SAP 001-640-003 - CSAH 40 Resurfacing	4.9		2002/3.0-3.1('17)	\$ 830,000
CR 62 Reconstruction (Grading and Agg. Base)	1.36	435th Street to CR 71		\$ 650,000
CR 71 Reconstruction (Grading and Agg. Base)	1			\$ 475,000
			Total:	\$ 5,310,000
Five Year Total:				\$ 23,586,937



Aitkin County, MN 2020-2024 Capital Road Improvement Plan



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. Overlay, mill and overlay, reclaim and pave, and cold in-place recycle and pave 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
(SORTED BY SUFFICIENCY RATING)**

08/26/2019

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BR NO	AGENCY BR NO	FACILITY CARRIED	FEATURE CROSSED	REF POINT	MAIN SPAN TYPE	D	C	C	E	G	U	A	DEF	SUFF	FHWA STATUS			
						E	S	S	U	H	V	E				C	H	P
						C	U	U	L	A	A	O				L	2	P
7367		PEDESTRIAN	RIPPLE RIVER		TIMB BEAM SPAN	3	5	4	N	8	0	0	N	5	N	S	54.0	CLOSED
01503	CSAH 14		SAVANNA RIVER	009+00.220	TIMB SLAB SPAN	6	6	4	N	5	4	6	N	8	8	S	62.7	LOAD POSTED
L5965		210TH LN	SNAKE RIVER	000+00.210	STEEL BM SPAN	4	6	6	N	6	5	4	N	6	4	S	87.8	LOAD POSTED
01505	CSAH 18		WILLOW RIVER	008+00.720	TIMB SLAB SPAN	4	4	5	N	6	4	7	N	6	8	S	68.4	LOAD POSTED
01509	CSAH 5		WILLOW RIVER	021+00.150	TIMB SLAB SPAN	4	4	6	N	5	4	9	N	6	8	S	69.9	LOAD POSTED
01507	CSAH 12		RIPPLE RIVER	006+00.201	TIMB SLAB SPAN	6	5	4	N	5	4	7	N	8	8	S	71.5	LOAD POSTED
01510	CR 62		SANDY RIVER	002+00.280	TIMB SLAB SPAN	6	6	4	N	6	4	7	N	8	7	S	71.6	LOAD POSTED
88100	CSAH 11		RIPPLE RIVER	000+00.380	STEEL PIPE ARCH	N	N	N	5	7	5	N	N	8	8	A	73.5	OPEN
01502	CSAH 22		WAKEFIELD BROOK	000+00.200	TIMB SLAB SPAN	6	5	5	N	6	5	5	N	8	8	A	77.1	OPEN
L2357		495TH LN	DITCH	002+00.170	STEEL BM SPAN	7	6	6	N	7	6	7	N	5	3	F	77.9	OPEN
7216	CSAH 2		SNAKE RIVER	011+00.550	TIMB BEAM SPAN	6	6	5	N	6	5	6	N	8	8	A	78.4	OPEN
94156	CSAH 16		SANDY RIVER TRIB	004+00.706	TIMB BOX CULV	N	N	N	5	6	5	N	N	8	8	A	79.1	OPEN
94157	CSAH 16		SANDY RIVER	005+00.900	TIMB BOX CULV	N	N	N	5	6	5	N	N	8	8	A	79.1	OPEN
94154	CSAH 16		SANDY RIVER TRIB	004+00.263	TIMB BOX CULV	N	N	N	5	5	5	N	N	8	8	A	79.2	OPEN
94155	CSAH 16		RICE LAKE OUTLET	004+00.165	TIMB BOX CULV	N	N	N	5	5	5	N	N	8	8	A	79.2	OPEN
7215	CSAH 2		STREAM	010+00.700	TIMB BEAM SPAN	6	6	5	N	5	5	6	N	8	8	A	79.8	OPEN
L5891		150TH PL	SPLIT ROCK RIVER	001+00.952	TIMB SLAB SPAN	6	6	5	N	5	5	6	N	7	4	A	81.9	OPEN
88102	CSAH 19		MOOSE RIVER	004+00.470	STEEL PIPE CULV	N	N	N	5	6	5	N	N	7	5	A	82.6	OPEN
L9181	CR 67		WILLOW RIVER	000+00.130	TIMB SLAB SPAN	5	6	5	N	6	5	6	N	4	5	A	85.0	OPEN
01J10		420TH ST	SANDY RIVER	000+00.007	STEEL PIPE ARCH	N	N	N	6	6	6	N	N	8	2	F	85.3	OPEN
01513	CSAH 29		WILLOW RIVER	013+00.410	TIMB SLAB SPAN	5	5	6	N	7	5	8	N	8	8	A	85.9	LOAD POSTED
01508	CSAH 5		RICE RIVER	007+00.230	TIMB SLAB SPAN	5	5	6	N	5	5	7	N	6	7	A	86.3	LOAD POSTED
7375	CR 54		SISSABAGAMAH CREEK	002+00.520	TIMB SLAB SPAN	6	6	6	N	6	6	5	N	5	5	A	86.9	LOAD POSTED
01J09		155TH PL	SPLIT ROCK R	000+00.172	STEEL PIPE ARCH	N	N	N	7	6	6	N	N	8	5	A	88.6	OPEN
92918	CR 61		CHESLEY BROOK	010+00.480	PRECST PIPE ARCH	N	N	N	5	5	5	N	N	7	8	A	89.0	OPEN
01J03		140TH PL	SPLIT ROCK RIVER	000+00.073	STEEL PIPE ARCH	N	N	N	7	6	6	N	N	8	8	A	89.7	OPEN
01J06		420TH LN	SANDY RIVER (CD #14)	000+00.100	STEEL PIPE ARCH	N	N	N	7	7	6	N	N	8	8	A	89.8	OPEN
01J13		300TH PL	BORDEN CRK	000+00.044	STEEL PIPE CULV	N	N	N	7	7	6	N	N	8	8	A	89.8	OPEN
01J34		520 LN	SANDY LAKE	001+00.295	STEEL PIPE CULV	N	N	N	6	7	6	N	N	9	8	A	89.8	OPEN
95197		265TH LN	RIPPLE RIVER	000+00.230	STEEL PIPE ARCH	N	N	N	6	6	6	N	N	6	6	A	89.8	OPEN
R0716		FIELD ENTRANCE	DRAINAGE DITCH	011+00.290	STEEL PIPE ARCH	N	N	N	8	6	6	N	N	7	8	A	89.8	OPEN
R0717		350TH PL	DRAINAGE DITCH	000+00.011	STEEL PIPE ARCH	N	N	N	8	7	6	N	N	7	8	A	89.8	OPEN
01514		140TH PL	PRAIRIE RIVER	000+00.430	TIMB SLAB SPAN	6	6	7	N	5	6	5	N	8	5	A	90.0	OPEN
01516	CSAH 23		CHAN BETWEEN TWO LAKES	004+00.990	PRESTR QUAD TEE	7	6	7	N	7	6	7	N	8	8	A	90.1	OPEN
01512	CSAH 28		RIPPLE RIVER	004+00.440	PRESTR QUAD TEE	7	7	6	N	5	6	6	N	8	8	A	91.3	OPEN
01506	CSAH 1		MISSISSIPPI RIVER	000+00.490	PRESTR BM SPAN	5	6	6	N	6	6	6	N	8	8	A	91.9	OPEN
01522		145TH PL (CEM ENT)	PRAIRIE RIVER	000+00.320	CCONC SLAB SPAN	8	8	7	N	7	7	7	N	8	5	A	91.9	OPEN
01511		200TH LANE	SNAKE RIVER	000+00.730	TIMB SLAB SPAN	6	6	6	N	5	6	4	N	7	8	A	93.0	LOAD POSTED
01525		LONG POINT PL	BIG SANDY LAKE	001+00.300	TIMB SLAB SPAN	7	8	7	N	7	7	8	N	9	6	A	93.2	OPEN
L4055		2ND AVE SE	RIPPLE RIVER	000+00.360	CONC BOX CULV	N	N	N	6	7	6	N	N	8	5	A	93.8	OPEN
L5889		350TH PL	WILLOW RIVER	002+00.870	TIMB SLAB SPAN	6	6	6	N	6	6	5	N	8	6	A	94.0	LOAD POSTED
01523		205TH LN	SNAKE RIVER	000+00.108	PRESTR BM SPAN	7	8	8	N	6	8	7	N	6	8	A	94.5	OPEN
01J30		185TH PL	SANDY RIVER	002+00.120	PRECST BOX CULV	N	N	N	7	8	7	N	N	8	6	A	94.6	OPEN
01J32		340TH LN	RIPPLE RIVER	000+00.250	PRECST BOX CULV	N	N	N	8	7	8	N	N	8	8	A	94.6	OPEN
01J37		430TH LN	LITTLE WILLOW RIVER	000+00.016	PRECST BOX CULV	N	N	N	8	8	8	N	N	6	7	A	94.6	OPEN
01J40		500TH LN	DITCH	001+00.360	PRECST BOX CULV	N	N	N	9	7	8	N	N	8	8	A	94.6	OPEN
01J41		155TH PL	SPLIT ROCK RIVER	000+00.740	PRECST BOX CULV	N	N	N	8	7	8	N	N	7	7	A	94.6	OPEN
01J42		155TH PL	SPLIT ROCK RIVER	000+00.894	PRECST BOX CULV	N	N	N	8	7	8	N	N	7	7	A	94.6	OPEN
92699	CSAH 21		DITCH	003+00.310	STEEL PIPE CULV	N	N	N	6	6	6	N	N	8	6	A	94.8	OPEN
L6445		420TH ST	SANDY RIVER	003+00.452	STEEL PIPE ARCH	N	N	N	6	6	6	N	N	8	8	A	94.9	OPEN
R0163		230TH PL	STREAM	001+00.200	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	7	8	A	94.9	OPEN
01J05		532ND LN	STREAM	001+00.360	PRECST PIPE CULV	N	N	N	6	6	6	N	N	8	7	A	95.0	OPEN
L5932		300TH LN	RICE RIVER	001+00.220	PRECST PIPE ARCH	N	N	N	6	7	6	N	N	8	6	A	95.0	OPEN
01529		362 LN	RICE RIVER	000+00.695	CCONC SLAB SPAN	8	8	7	N	8	7	6	N	8	8	A	95.9	OPEN
01011	CSAH 3		CHAN BETWEEN TWO LAKES	025+00.042	PRESTR BM SPAN	7	8	7	N	8	7	7	N	9	4	A	97.2	OPEN
01515	CR 54		RIPPLE RIVER	000+00.040	PRESTR QUAD TEE	7	7	6	N	7	6	6	N	8	6	A	97.9	OPEN
01518	CSAH 26		SNAKE RIVER	010+00.880	PRESTR DOUB TEE	7	7	7	N	7	7	9	N	8	8	A	97.9	OPEN
01517	CSAH 10		WILLOW RIVER	001+00.200	PRESTR DOUB TEE	7	7	7	N	5	7	9	N	6	8	A	98.0	OPEN
01519		435TH ST	SANDY RIVER	003+00.980	PRESTR BM SPAN	7	7	7	N	8	7	7	N	8	7	A	98.0	OPEN
01521	CR 56		RICE RIVER	004+00.539	TIMB SLAB SPAN	7	7	7	N	7	7	7	N	6	8	A	98.0	OPEN
01J15		125 AVE	SPLIT ROCK RIVER	000+00.254	PRECST BOX CULV	N	N	N	8	6	8	N	N	6	8	A	98.0	OPEN
L5895		4th St	BEAR CREEK	000+00.008	PRECST PIPE ARCH	N	N	N	6	7	6	N	N	7	4	A	98.0	OPEN
01012	CSAH 3		MISSISSIPPI RIVER	016+00.144	PRESTR BM SPAN	7	7	7	N	6	7	7	N	9	8	A	98.4	OPEN
01J36	CSAH 32		CO DITCH #13	003+00.025	PRECST BOX CULV	N	N	N	8	7	8	N	N	5	8	A	98.9	OPEN
01J23		432 LN	BLIND LAKE OUTLET	001+00.300	PRECST BOX CULV	N	N	N	7	7	7	N	N	7	7	A	99.0	OPEN
01526	CSAH 22		MISS R DIVERSION CHANNEL	001+00.030	PRESTR BM SPAN	7	7	8	N	7	7	7	N	8	8	A	99.3	OPEN
01530	CSAH 3		BIG WILLOW RIVER	012+00.345	PRESTR BM SPAN	8	7	8	N	8	7	7	N	9	8	A	99.3	OPEN
93455	CSAH 4		DAM BROOK	003+00.090	PRECST PIPE ARCH	N	N	N	6	7	6	N	N	8	8	A	99.3	OPEN
01J35	CSAH 3		WHITE ELK BROOK	010+00.284	PRECST BOX CULV	N	N	N	8	8	6	N	N	9	8	A	99.4	OPEN
01J04	CSAH 39		RIPPLE RIVER	003+00.240	PRECST BOX CULV	N	N	N	7	7	7	N	N	8	8	A	99.5	OPEN

**AITKIN COUNTY
BRIDGE ROSTER
(SORTED BY SUFFICIENCY RATING)**

08/26/2019

Page 2

BR NO	AGENCY BR NO	FACILITY CARRIED	FEATURE CROSSED	REF POINT	MAIN SPAN TYPE	D	C	C	E	G	U	A	DEF	SUFF	FHWA STATUS			
						E	S	S	U	H	V	E				C	H	P
						K	P	B	V	N	L	M	R	O	R	STAT	RTG	
01J08	CSAH 3		Little Willow River	005+00.170	PRECST BOX CULV	N	N	N	8	7	8	N	N	8	8	ADEQ	99.5	OPEN
01J28	CSAH 28		CHAN BETWEEN TWO LAKES	008+00.955	PRECST BOX CULV	N	N	N	8	8	8	N	N	8	8	ADEQ	99.5	OPEN
01531	CSAH 14		PRAIRIE RIVER	004+00.180	PRESTR BM SPAN	8	8	8	N	8	8	7	N	9	8	ADEQ	99.6	OPEN
01532	CSAH 4		RICE RIVER	013+00.847	PRESTR BM SPAN	8	9	9	N	8	9	8	N	8	8	ADEQ	99.6	OPEN
01J33	CSAH 10		POKEGAMA CREEK	025+00.165	PRECST BOX CULV	N	N	N	7	7	7	N	N	8	8	ADEQ	99.6	OPEN
01J39	CSAH 15		CEDAR CREEK	001+00.813	PRECST BOX CULV	N	N	N	8	8	8	N	N	8	6	ADEQ	99.6	OPEN
98703	CSAH 4		CREEK	008+00.168	PRECST BOX CULV	N	N	N	8	6	8	N	N	8	8	ADEQ	99.6	OPEN
92844	CSAH 3		DITCH	008+00.190	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	7	8	ADEQ	99.7	OPEN
93178	CSAH 38		SEVENTEEN CREEK	004+00.740	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	8	8	ADEQ	99.8	OPEN
96811	CSAH 2		SNAKE RIVER	014+00.790	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	8	8	ADEQ	99.8	OPEN
01527	CSAH 1		Miss. R. Diversion Chan.	005+00.004	PRESTR BM SPAN	8	8	8	N	7	8	8	N	8	8	ADEQ	99.9	OPEN
01528	CSAH 32		TAMARACK RIVER	006+00.160	PRESTR BM SPAN	8	7	8	N	7	7	8	N	9	8	ADEQ	99.9	OPEN
01J07	CSAH 1		LITTLE WILLOW RIVER	012+00.993	PRECST BOX CULV	N	N	N	7	8	7	N	N	6	8	ADEQ	99.9	OPEN
01J24	830TH LN		WILLOW RIVER	000+00.820	PRECST PIPE CULV	N	N	N	7	6	7	N	N	6	8	ADEQ	99.9	OPEN
01J26	CSAH 26		STREAM	010+00.260	PRECST BOX CULV	N	N	N	8	7	8	N	N	8	8	ADEQ	99.9	OPEN
01J27	CR 73		MINNEWAWA CREEK	004+00.030	PRECST BOX CULV	N	N	N	8	7	8	N	N	8	8	ADEQ	99.9	OPEN
01J31	CR 73		SANDY RIVER	000+00.287	PRECST BOX CULV	N	N	N	8	8	8	N	N	8	8	ADEQ	99.9	OPEN
91895	CR 64		PRAIRIE RIVER	006+00.260	PRECST PIPE ARCH	N	N	N	7	6	7	N	N	8	8	ADEQ	99.9	OPEN
91896	CR 64		TAMARACK RIVER	002+00.230	PRECST PIPE ARCH	N	N	N	7	6	7	N	N	8	8	ADEQ	99.9	OPEN
92917	CSAH 12		RIPPLE RIVER	009+00.691	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	8	8	ADEQ	99.9	OPEN
93122	CSAH 26		DITCH	017+00.270	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	8	8	ADEQ	99.9	OPEN
95330	CSAH 36		STREAM	010+00.980	PRECST PIPE ARCH	N	N	N	8	5	8	N	N	8	8	ADEQ	99.9	OPEN
95331	CSAH 1		LITTLE WILLOW RIVER	009+00.550	PRECST PIPE ARCH	N	N	N	7	5	7	N	N	8	8	ADEQ	99.9	OPEN
95332	CSAH 5		SISSABAGAMAH CREEK	000+00.110	PRECST PIPE ARCH	N	N	N	7	6	7	N	N	8	8	ADEQ	99.9	OPEN
95612	CR 51		RIPPLE RIVER	001+00.670	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	8	8	ADEQ	99.9	OPEN
01524	CR 82		SANDY RIVER	004+00.420	CCONC SLAB SPAN	8	8	7	N	6	7	9	N	6	6	ADEQ	100.0	OPEN
01J01	CR 74		MORRISON BROOK	002+00.730	PRECST PIPE ARCH	N	N	N	7	5	7	N	N	8	8	ADEQ	100.0	OPEN
01J02	CSAH 10		WHITE ELK BROOK	000+00.480	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	8	7	ADEQ	100.0	OPEN
01J11	CSAH 9		Bear Creek	000+00.170	PRECST BOX CULV	N	N	N	7	6	7	N	N	7	8	ADEQ	100.0	OPEN
01J12	180TH AVE		Cowan Brook	000+00.390	PRECST PIPE ARCH	N	N	N	8	7	8	N	N	8	7	ADEQ	100.0	OPEN
01J14	CSAH 34		BIRCH CREEK	005+00.295	PRECST BOX CULV	N	N	N	7	7	7	N	N	6	8	ADEQ	100.0	OPEN
01J16	600TH ST		Moose River	001+00.300	PRECST BOX CULV	N	N	N	8	8	8	N	N	8	8	ADEQ	100.0	OPEN
01J17	214TH AVE		Bear Creek	000+00.950	PRECST PIPE ARCH	N	N	N	8	7	8	N	N	7	8	ADEQ	100.0	OPEN
01J19	110TH AVE		STREAM	000+00.800	PRECST BOX CULV	N	N	N	8	7	8	N	N	7	8	ADEQ	100.0	OPEN
01J20	310TH AVE		BORDEN CREEK	000+00.239	PRECST BOX CULV	N	N	N	8	7	8	N	N	7	8	ADEQ	100.0	OPEN
01J21	350TH AVE		MOOSE RIVER	002+00.052	PRECST BOX CULV	N	N	N	8	8	8	N	N	8	7	ADEQ	100.0	OPEN
01J22	CSAH 29		MOOSE RIVER	010+00.680	PRECST BOX CULV	N	N	N	6	6	6	N	N	8	8	ADEQ	100.0	OPEN
01J29	CR 75		BIRCH CREEK	000+00.400	PRECST BOX CULV	N	N	N	7	5	7	N	N	6	8	ADEQ	100.0	OPEN
01J36	350TH ST		SISSABAGAMAH CREEK	001+00.305	PRECST BOX CULV	N	N	N	8	7	8	N	N	8	8	ADEQ	100.0	OPEN
91791	360TH ST		SISSABAGAMAH CREEK	001+00.860	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	6	8	ADEQ	100.0	OPEN
92924	CSAH 23		STREAM	004+00.670	PRECST PIPE ARCH	N	N	N	7	8	7	N	N	7	7	ADEQ	100.0	OPEN
93123	CR 75 (KESTERAL AV		SPLIT ROCK RIVER	003+00.860	PRECST PIPE ARCH	N	N	N	7	6	7	N	N	7	8	ADEQ	100.0	OPEN
93424	CR 67		LITTLE HILL RIVER	004+00.980	PRECST PIPE ARCH	N	N	N	7	7	7	N	N	7	7	ADEQ	100.0	OPEN
94221	CR 61		STREAM	011+00.220	PRECST PIPE ARCH	N	N	N	7	5	7	N	N	8	8	ADEQ	100.0	OPEN
96142	CSAH 29		LITTLE HILL RIVER	016+00.510	PRECST PIPE ARCH	N	N	N	7	5	7	N	N	8	8	ADEQ	100.0	OPEN
L5886	295TH ST		RIPPLE RIVER	002+00.220	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	8	8	ADEQ	100.0	OPEN
L5892	ORIOLE AVE		RIPPLE RIVER	000+00.840	PRECST PIPE ARCH	N	N	N	6	6	6	N	N	8	6	ADEQ	100.0	OPEN
L6398	450TH ST		CO DITCH # 22	001+00.010	PRECST PIPE ARCH	N	N	N	6	7	6	N	N	7	8	ADEQ	100.0	OPEN

118 BRIDGES

YEARLY LISTING

Bituminous Pavements - Age and RQI Data

	Length	2017 RQI		Length	2017 RQI
1996			2012		
CR 69	0.3		CSAH 3 from US Hwy 169 to n jct CSAH 5	5.6	3.3/3.6
1997			CSAH 5 from TH 47 to CR 50	1	3.5
CSAH 17	7.1	3.1	CSAH 14 from TH 65 to 2.3 miles northeast	2.3	3.4/3.5
1999			CSAH 36 from CSAH 14 to 1.6 mile north	1.6	2.8/2.9
CSAH 39	5.1	3.6	2013		
CR 76	2.82	2.7	CSAH 12 from .35 m. E. of N jct. CSAH 39 to TH 47 (NW)		
CR 77W	1.04	2.3	CR 54 from CSAH 1 to .47 miles east	0.47	2.7/2.9
CR 81	1.05	3.1/3.3	CR 54 from CR 83 to end of pavement	0.56	3.0/3.1
2000			CR 60	3.98	3.7
2001			CR 68 from 0.26 miles east of US 169 to US 169	0.83	2.5/2.7
CSAH 3 from 6.36 miles east of north jct CSAH 5 to TH 6	3.2	1.7/1.8	CR 77	0.57	3.7
CSAH 14 from 2.3 m. northeast of TH 65 to State Park	8.61	3.4/3.5	CR 82	1.03	2.5/2.7
CSAH 22	4.6	3.5	CR 83	0.49	3.4/3.5
CSAH 24	4.2	3.6	CR 85	1.2	3
2002			2014		
CSAH 31	3.53	2.4/2.5	CSAH 12 from .35 m. E. of N jct. CSAH 39 to TH 47 (Wear)	2.56	3.5
CSAH 40	4.9	3.0/3.1	2015		
CR 82 from TH 210 to 435th Street	2.64	2.6/2.8	CSAH 10 from US Hwy 169 to CSAH 3	7.01	3.8
2003			CSAH 28 from TH 210 to TH 169	8	3.6
CSAH 9	0.82	2.2/2.4	2016		
CSAH 11	3.2	3.1/3.3	CSAH 2 from TH 47 to TH 65	12.38	3.8
CSAH 23	5.3	3.2/3.5	CSAH 3 from north jct. CSAH 5 to 6.36 miles east	8.2	3.9
CSAH 28 from TH 169 to CSAH 12	5.8	3.7	CSAH 12 from TH 47 to TH 210	0.58	3.3/3.4
CSAH 37	2.3	2.8/3.0	CSAH 12 from TH 47 to 375th Avenue	6.88	3.3/4.0
CR 54 from .47 miles east of CSAH 1 to CR 83	0.83	2.9	CSAH 13 from TH 65 to CSAH 16	5.39	3.8/4.0
CR 79	0.48	2.0/2.1	CSAH 41 from 1st Street to west jct. TH 210	1.01	3.5
2004			CR 88	1.02	2.7/2.6
CSAH 2 from TH 65 to Pine County Line	10.4	3.4/3.5	2017		
2005			CSAH 1 from CSAH 22 to 3.6 miles north	3.6	
CSAH 1 from TH 210 to beginning of Mississippi River Br	0.45	2.0/2.4	CSAH 10 from TH 232 to CSAH 18	11.06	
2006			CSAH 15 from Crow Wing County Line to CSAH 1	6.08	
CSAH 3 from Crow Wing County Line to CSAH 29	5.74	3.3	CR 74	1.5	
CSAH 7	3.2	3.2/3.3	2018		
CR 66 from US 169 to 0.26 miles east	0.26	1.1/1.8	CSAH 6 from TH 65 to 5.3 miles east	4.9	
CSAH 29 from CSAH 19 to CSAH 7	0.26		CSAH 8 from TH 210 to old Soo Line RR	0.87	
2007			CSAH 12 from 375th Avenue to Lanie's corner	2.74	
CSAH 8 from old Soo Line RR to TH 65	1.97	3.3/3.4	CSAH 12 from Lanie's Corner to n jct. CSAH 39	1.95	
CSAH 38	6.1	3.4/3.5	CSAH 32 from CSAH 6 to CSAH 31	3.29	
2008			CR 53 from CSAH 4 to 0.78 mile north	3.08	
CSAH 4 from TH 47 to TH 65	14.4	3.4/3.5	2019		
CSAH 29 from CSAH 3 to 509th Lane	2.3	2.6/2.7	CSAH 3 from CSAH 29 to TH 169	4.15	
2009			CSAH 10 from TH 200 to Itasca County Line	2.25	
CSAH 1 from beginning of Mississippi River Bridge to CS	2.5	3.3	CSAH 16	8.9	
CSAH 5 from TH 210 to TH 232	7.5	3	CSAH 41 from east jct. TH 210 to 1st Street	0.07	
2010			CR 70	1.08	
CSAH 10 from CSAH 18 to 8.2 miles south of TH 200	6.88	3.6	Subtotal:	126.18	
CSAH 33	0.29	1.6/2.0	Grand Total:	276.76	
CR 82 from TH 232 to 1.0 mile south	1.0	3.4/3.5			
2011					
CSAH 8 from 5.27 miles east of TH 65 to TH 210	8.08	3.1			
CSAH 10 from TH 200 to 8.12 miles south	8.12	3.3/3.4			
CSAH 32 from CSAH 31 to Carlton County Line	3.01	3.6/3.7			
CR 241	0.3				
Sub-total:	150.58				

Updated: 7-15-19

Updated: 11-21-16

2019 Pavement Quality Summary		
	Good (RQI)>3	Poor (RQI)<3
MnDOT District 1 (non-NHS)	52.2%	13.9%
MnDOT District 3 (non-NHS)	74.1%	1.7%
Aitkin County Roads and County State-Aid Highways	91%	1.4%

Priority Rating Worksheet

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-Owned Land (10 point decile)	Priority Rating (80 points)
25	CSAH 23 to Kanabec County Line	3.3	18	20	7	5	10	10	61.0
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
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
1	3.6 miles N of CSAH 22 to CSAH 3	7.4	16	6	7	2	10	6	41.6
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	4.23	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	2	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

2016 ADT: Up to 20 points in ten decile ranges based on actual 2016 Average Annual Daily Traffic Count

Residence Density: Up to 20 points in ten decile ranges based on total number of residences on segment and adjacent road segments

Functional Classification: 10 points for major collector classification, 7 points for minor collector classification, 4 points for local road classification

Sight Distance Safety Rating: Up to 10 points in ten decile ranges based on horizontal and vertical curve sight distance deficiency

Improved Route System Layout: 10 points if either a) part of route is improved or b) does not have parallel improved route within 4 miles for 50% of segment length, and segment connects two improved routes within a distance of less than 8 miles

Privately Owned Land: Up to 10 points based on percentage of privately-owned land adjacent to segment

Aitkin County Board of Commissioners Board Meeting Attendance Record

Date: August 27, 2019

Name	Please check the boxes that apply.		
	Aitkin County Citizen	Aitkin County Employee	Company Representative – please list.
Colleen MacLay			Northland Counseling Center
Jon Happe	✓	✓	HHS AC
Cindy Chehovic	✓		HHS Advisory board
Steven Jory	✓		NCC
Lynne Jacobs	✓		CARE
John Welle		✓	Highway Dept.