

CROW WING COUNTY

Snow Event 2-2024-6 Jan. 9, 2024



Reported Event Conditions	
Date:	1/9/2024
Event No:	2-2024-6
Begin Time:	1/8/24 9 AM
End Time:	1/9/24 6 AM
Weather:	Snow
Precipitation:	3" Snow
Temperature:	23/16
Wind:	5-10 MPH

Event Costs	
Salt	\$18,300
Sand	\$0
Brine	\$1,404
Equipment/Fuel	\$24,625
Personnel Reg.	\$4,432
Personnel OT	\$2,452
Total	\$51,932
Cost Mile	\$93
Season Total:	568K

Priority By Route	
Priority 1	
% Target 1A Met:	100%
% Target 1B Met:	100%
Priority 2	
% Target 2A Met:	100%
% Target 2B Met:	100%
Priority 3	
% Target 3A Met:	100%

— MnDOT Highway

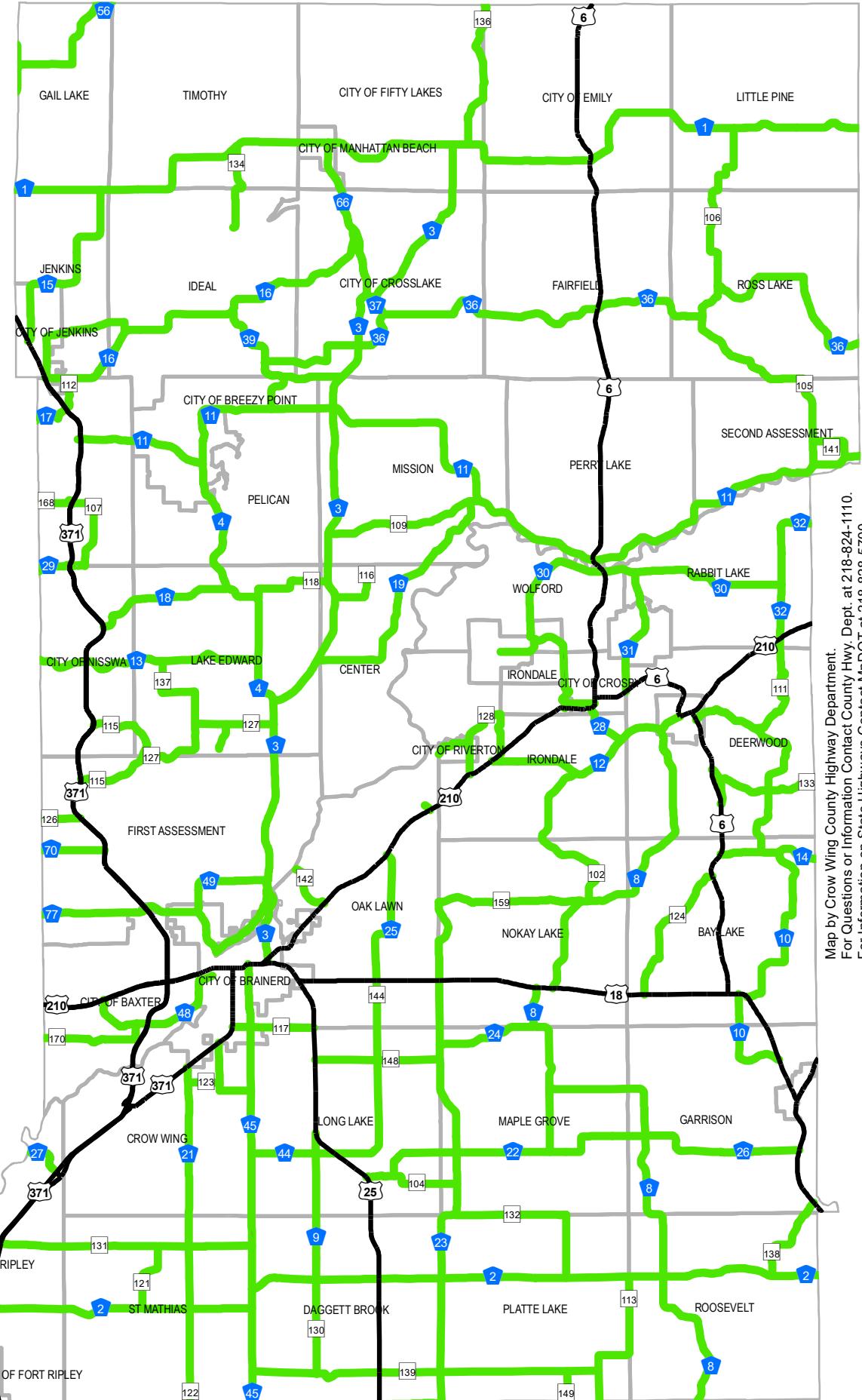
Route Priority

- 1 (ADT>5000)
- 2 (500>ADT<500)
- 3 (ADT<500)

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 1/12/2024



Map by Crow Wing County Highway Department.
For Questions or Information Contact County Hwy Dept at 218-824-1110.
For Information on State Highways Contact MnDOT at 218-829-5700.

2022/2023 Summary For Snow Event 2-2024-6

Date 1-9-24

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
183	\$18,300	0	\$0	2128	\$1,404	\$19,704	\$24,625	\$5,151.00	\$2,452

Total \$51,932

11.4 Plow hrs.

\$4,553 per/hr.

183 Man hrs.

\$93 per/CL/mile

\$1.96 per/household for entire County

Forecast

2.5" of snow forecasted to begin falling at 11:00 a.m. 1/8/24 and continue until 4:00 a.m. 1/9/24. Temps in the mid to low 20s with 5 mph winds.

Pre Plan

Begin plowing at 3:00 a.m. 1/9/24 and apply 300-400 lbs on centerlines.

Actual Event

Event start: 1/8/24 10:00AM

Event ended 1/9/24 6:00AM

Details/Comments

Snow started around 10:00 a.m. in the south parts of the county. It continued snowing until 6:00 a.m. 1/9/24. 3" of snow fell and temps were in the low to mid 20s with pavement temps similar.

Conditions

Temps in the low 20s, light wind. 3" of dry fluffy snow fell.

Road	Road Temp	Date	Time	Air Temp
Hwy 6	19	1/8/2024	10AM	14
Hwy 25	22	1/8/2024	10AM	16
Hwy 6	22	1/9/2024	3AM	21
Hwy 25	24	1/9/2024	3AM	22
Hwy 6	26	1/9/2024	12PM	21
Hwy 25	26	1/9/2024	12PM	21

Date	High	Low
1/7/2024	18	8
1/8/2024	23	18
1/9/2024	23	16
1/10/2024	24	7
1/11/2024	11	-8

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well with the dry, fluffy snow. Plows started plowing and applying 400lbs of treated salt at 3 a.m. 1/9/24. Roads were melting well but light snow continued and caused the plows to have to re plow some priority 1 roads.

Decisions Made

Start plowing at 3:00 a.m. 1/9/24. Apply 400 lbs. of treated salt on centerlines.

Lessons Learned

Early plowing and salt application was beneficial. The amount of salt we used was the right amount as roads cleaned up nicely. The salt residual that was on the roads from past events helped in a significant manner to help keep the pavement bare.

Goals Met/Not Met

Plowing	Goals
Priority 1 Met	6 hr.
Priority 2 Met	8 hr.
Priority 3 Met	10 hr.

Bare wheel paths	Goals
Priority 1 Met	18 Hr.
Priority 2 Met	48 hr.