

# CROW WING COUNTY

## Snow Event 20-2023-4 Dec. 30, 2023



### Reported Event Conditions

Date:	12/30/2023
Event No:	20-2023-4
Begin Time:	12/30/23 2PM
End Time:	12/31/23 1AM
Weather:	Snow
Precipitation:	1/2" Snow
Temperature:	27/25
Wind:	15-30 MPH

### Event Costs

Salt	\$10,647
Sand	\$0
Brine	\$1,007
Equipment/Fuel	\$15,160
Personnel Reg.	\$876
Personnel OT	\$3,587
<b>Total</b>	<b>\$31,277</b>
Cost Mile	\$56
Season Total:	437K

### 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%
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### Legend

**MnDOT Highway**

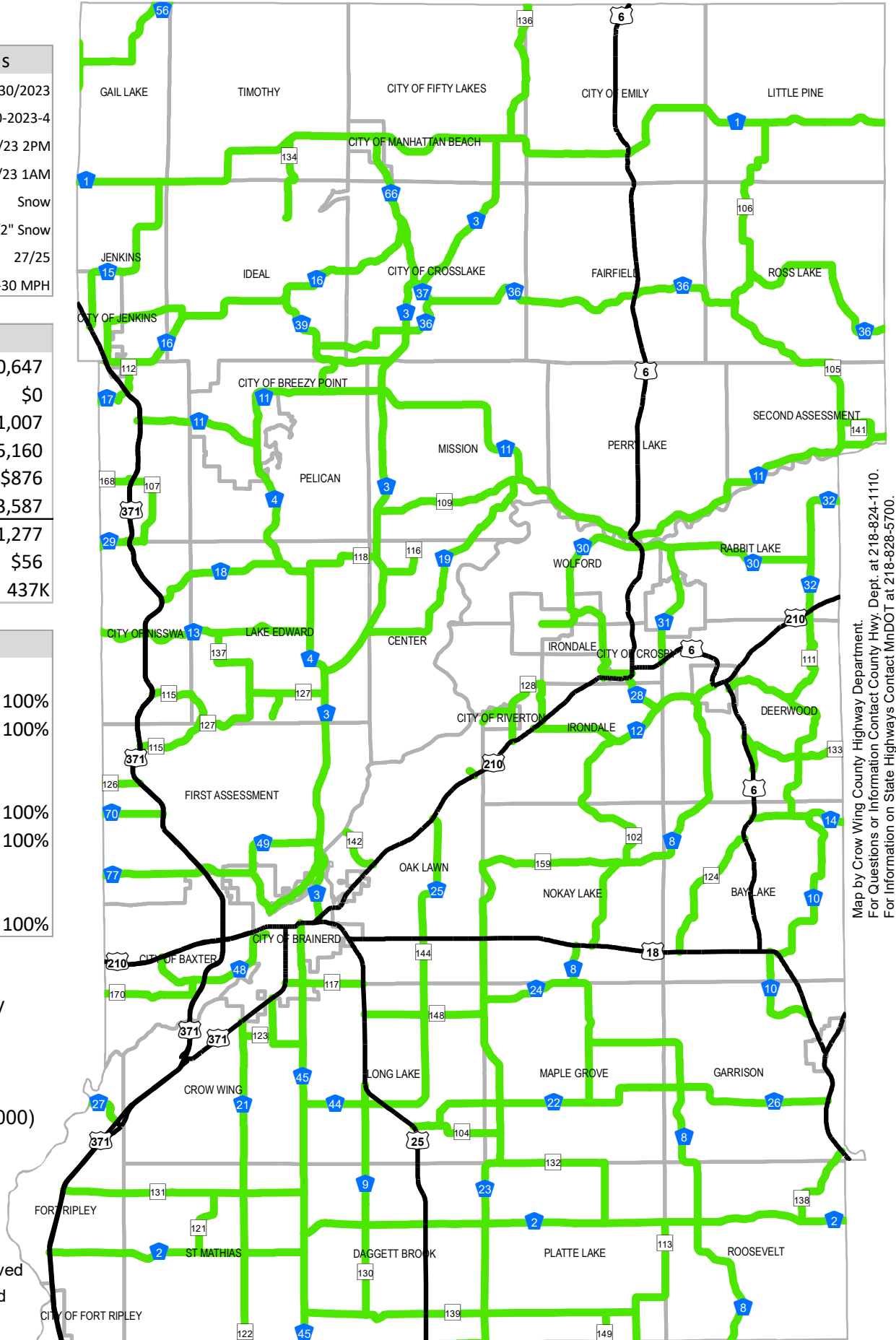
#### Route Priority

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

#### Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 1/8/2024



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 218-828-5700.

2022/2023 Summary For Snow Event 20-2023-4 Date 12-30/31-23									
Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
126.75	\$10,647	0	\$0	1525.5	\$1,007	\$11,654	\$15,160	\$876.00	\$3,587

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
126.75	\$10,647	0	\$0	1525.5	\$1,007	\$11,654	\$15,160	\$876.00	\$3,587

<b>Total</b>	<b>\$31,277</b>	6.3 Plow hrs.	\$4,955 per/hr.
		101 Man hrs.	\$56 per/CL/mile
			\$1.18 per/household for entire County

## Forecast

1/2" of snow forecasted to begin falling at 2:00 p.m. on 12/30 and continue until 10:00 p.m. Temps in the mid to upper 20s with with 15-25 mph.

## Pre Plan

Monitor roads and send snowplows out if snow doesn't blow off the road.

### Actual Event

**Event start:** 12/30/23 2:00p.m.

**Event ended** 12/31/23 1:00a.m.

### Details/Comments

Light snow fell, causing roads to ice up. Snowplows came in to scrape driveways and apply salt on centerline.

### Conditions

Mid 20's, 20 mph winds and 1/2" of snow.

Road	Road Temp	Date	Time	Air Temp
HWY 6	23	12/30/23	9:00PM	26
HWY 25	26	12/30/23	9:00PM	27
HWY 6	23	12/31/23	3:00AM	24
HWY 25	24	12/31/23	3:00AM	24

Date	High	Low
12/29/2023	43	25
12/30/2023	27	20
12/31/2023	22	18
1/1/2024	26	21

Source: weather.com. Monthly Weather. 56401

## Summary

Roads cleaned up well.

### Decisions Made

Scrapeing roads and applying 300 lbs to centerlines helped us meet our goals.

## Lessons Learned

Salt worked well with the mild temps.

### 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.