

# CROW WING COUNTY

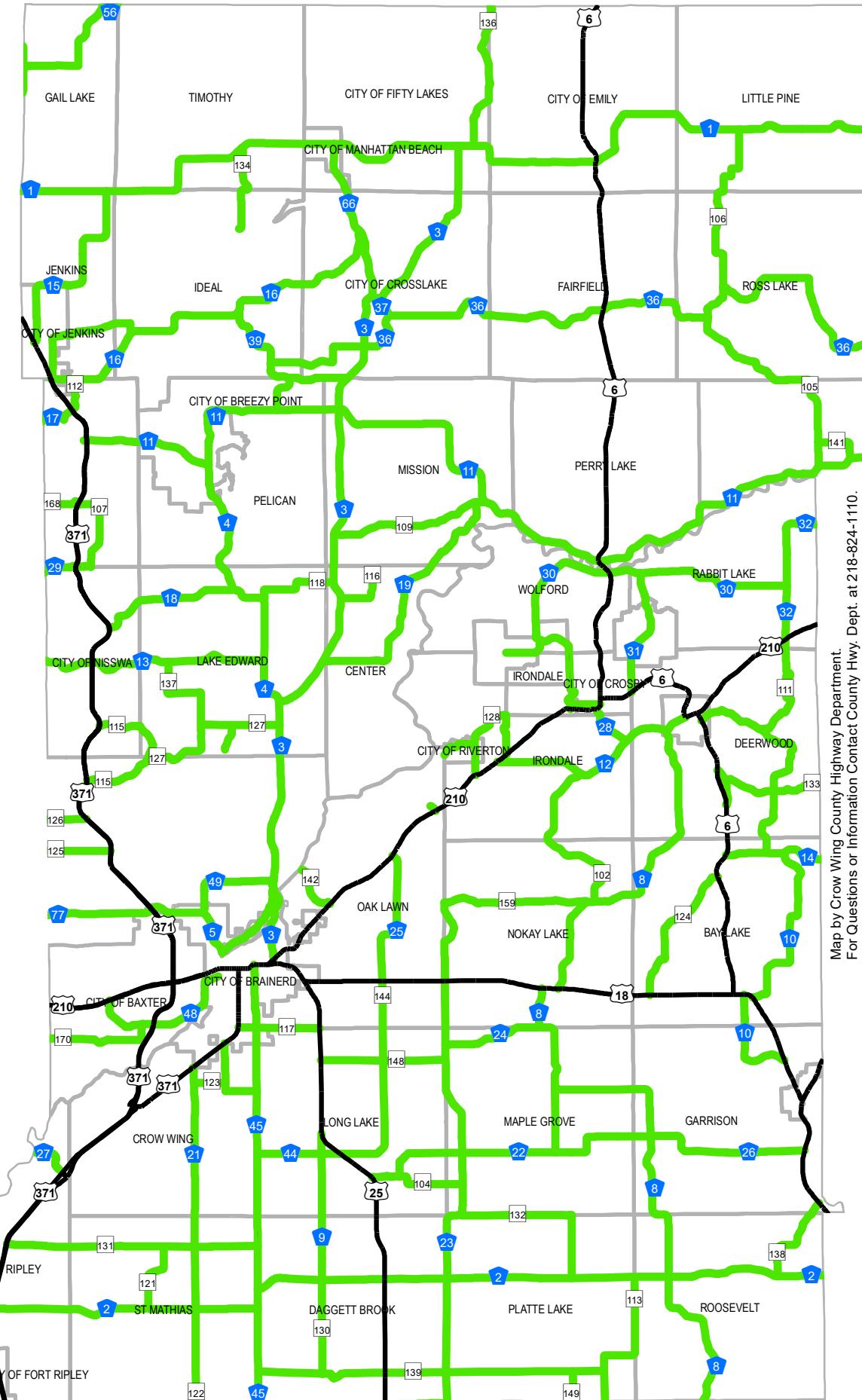
## Snow Event 3-2023-8 January 17, 2023



Reported Event Conditions	
Date:	1/17/2023
Event No:	3-2023-8
Begin Time:	1/16 5AM
End Time:	1/17 10AM
Weather:	Rain/Snow
Precipitation:	0.1" R/2"S
Temperature:	33/24
Wind:	10-20 MPH

Event Costs	
Salt	\$36,105
Sand	\$0
Brine	\$2,008
Equipment/Fuel	\$24,420
Personnel Reg.	\$4,733
Personnel OT	\$5,298
<b>Total</b>	<b>\$72,564</b>
Cost Mile	\$130
Season Total:	1.04M

Priority By Route	
<b>Priority 1</b>	
% Target 1A Met:	100%
% Target 1B Met:	100%
<b>Priority 2</b>	
% Target 2A Met:	100%
% Target 2B Met:	100%
<b>Priority 3</b>	
% Target 3A Met:	100%



## 2022/2023 Summary For Snow Event 3-2023-8

Date 1-16 &17-23

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
249	\$36,105	0	\$0	3043	\$2,008	\$38,113	\$24,420	\$4,733.00	\$5,298

**Total** \$72,564

13.3 Plow hrs.

\$5,438 per/hr.

214 Man hrs.

\$130 per/CL/mile

\$2.74 per/household for entire County

### Forecast

Rain transitioning to snow early 1/16/23. 2.5" of snow forecasted to end 3:00 p.m. 1/17/23. Winds 5-20 mph.

### Pre Plan

Monitor the roads and send plows out 1/16/23 if rain freezes or snow makes travel difficult. Apply 300 lbs. of treated salt on centerline to help melting throughout the night until plows begin plowing at 3:00 a.m. 1/17/23. Truck clean up roads and apply 300 lbs. of treated salt. We want to have the snow soak up the rain if possible on 1/16 to more easily plow it off.

### Actual Event

Event start: 1-16-23 5:00AM

Event ended 1-17-23 10:00AM

### Details/Comments

Plows began plowing at noon 1/16/23 and applied 300 lbs. on centerline because the roads were sloppy. There wasn't enough snow to continually soak up the rain without traffic issues and the possibility of freezing solid. Plows returned 1/17/23 at 3:00 a.m. and applied 300 lbs. of salt on centerlines. Roads packed overnight as snow and rain continued. Compaction began to loosen and the roads began melt at daybreak on 1/17.

### Conditions

Temps upper 20's and low 30's. Winds 5-20 mph. 2" of snow and 0.1" of rain.

Road	Road Temp	Date	Time	Air Temp
Hwy 6	33	1\16\23	12:00PM	33
Hwy 25	30	1\16\23	12:00PM	33
Hwy 6	31	1\16\23	6:00PM	33
Hwy 25	28	1\16\23	6:00PM	33
Hwy 6	31	1\17\23	3:00AM	31
Hwy 25	27	1\17\23	3:00AM	31

Date	High	Low
1/15/2023	37	26
1/16/2023	33	31
1/17/2023	33	24
1/18/2023	28	22

Source: weather.com. Monthly Weather. 56401

### Summary

Roads cleaned up relatively quickly 1/17/23.

### Decisions Made

Call plows in at noon on 1/16 and start at 3:00 a.m. 1/17/23 to clear the roads. The 300 lbs. on centerline both times worked well.

### Lessons Learned

Plow start times and material application worked well.

### Goals Met/Not Met

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

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