

# CROW WING COUNTY

## February 18, 2022 Snow Event #6 - 2022 - #13



Reported Event Conditions	
Date:	2/18/2022
Event No:	#6-2022-#13
Begin Time:	2/18 2 AM
End Time:	2/18 7 AM
Weather:	Snow
Precipitation:	1.5" Snow
Temperature:	26°-12°
Wind:	15 - 35 MPH

Event Costs	
Salt	\$3,140
Sand	\$0
Brine	\$346
Equipment/Fuel	\$17,455
Personnel Reg.	\$3,595
Personnel OT	\$3,927
<b>Total</b>	<b>\$28,345</b>
Cost Mile	\$51
Season Total:	\$918,000

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%

— MnDOT Highway

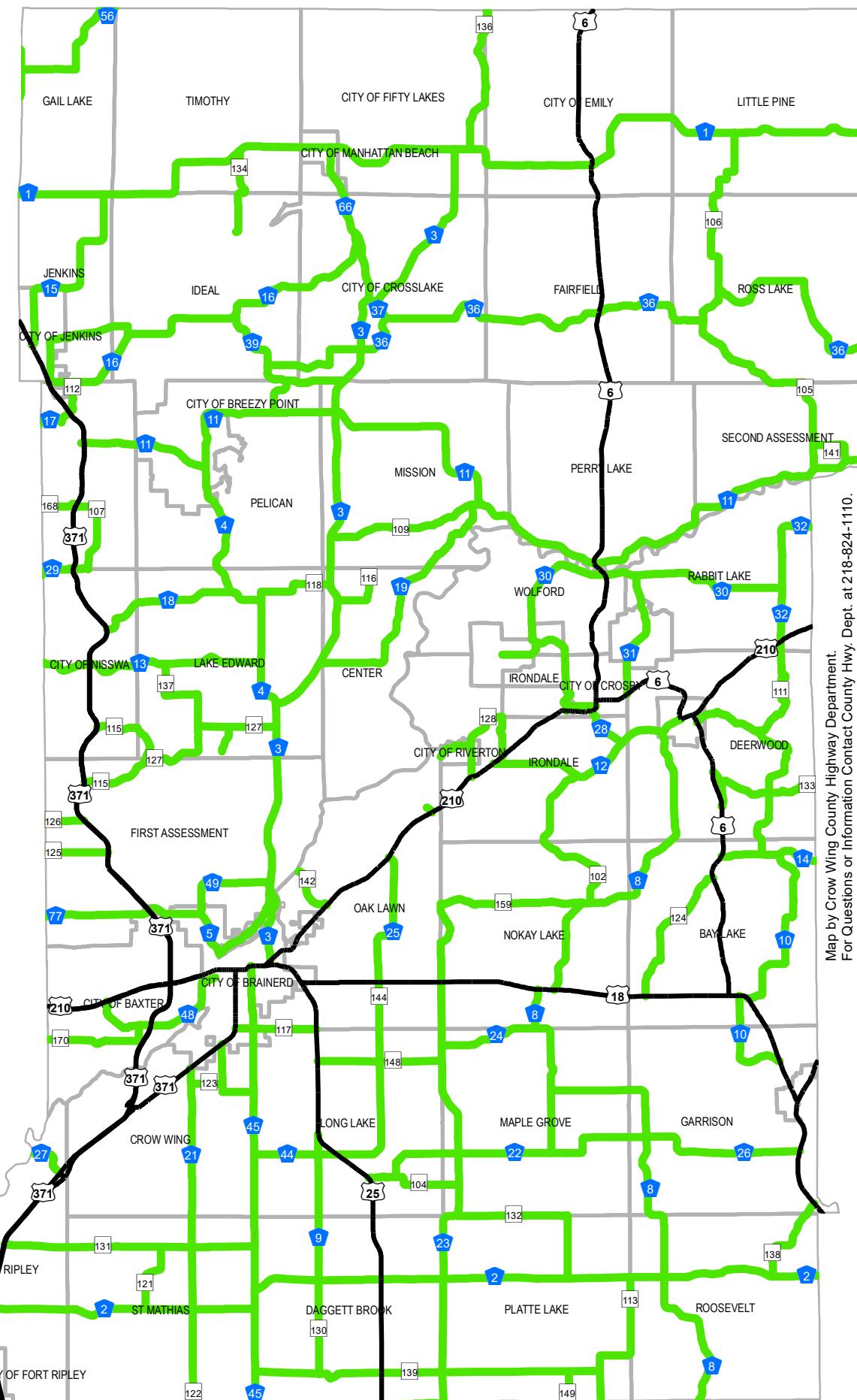
### Route Priority

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

### Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 2/21/2022



## 2021/2022 Summary For Snow Event #6 - 2022 -#13

Date 2/18/22

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
34.5	\$3,140	0	\$0	346	\$228	\$3,368	\$17,455	\$3,595.00	\$3,927

<b>Total</b>	<b>\$28,345</b>	<b>12.03125 Plow hrs.</b>	<b>\$2,356</b> per/hr.
		<b>192.50 Man hrs.</b>	<b>\$51</b> per/CL/mile
			<b>\$1.07</b> per/household for entire County

## Forecast

1" of snow forecasted to fall starting at 2:00 AM on 2/18 and continuing until 11:00 AM 2/18, followed by 15-40 mph winds.

## Pre Plan

Begin plowing early morning of 2/18, when there is enough snow to plow. Apply 500 lbs. of salt to intersections only because of the high winds and blowing snow expected. Anticipate plowing later to contend with the drifting issues created by the wind and dry/light snow. Milder forecasted temps over the next few days and the dryness of the snow influenced our decision to apply salt instead of sand.

## Actual Event

**Event start:** 2/18/22 2AM

**Event ended** 2/18 7AM

## Comments

1.5" of snow fell quickly between 2AM and 6AM. Snow lightened and ended at 7AM 2/18, 4 hours sooner than forecasted. High winds caused significant drifting issues.

## Conditions

1.5" of snow fell with cold temperatures and strong swirling winds that mostly sustained out of the NW late morning.

Road	Road Temp	Date	Time	Air Temp
Hwy 6	3	2\18\22	6:00AM	0
Hwy 25	8	2\18\22	6:00AM	3

Date	High	Low
2/17/2022	6	-14
<b>2/18/2022</b>	<b>26</b>	<b>-12</b>
2/19/2022	20	17
2/20/2022	33	6

Source: weather.com. Monthly Weather. 56401

## Summary

Strong winds forced the crew back in on 2/19 @ 3:00 AM to push back and open roads. Roads cleaned up well and all goals were met.

## Decisions Made

Start plowing at 7:00 AM on 2-18. Continue plowing late afternoon and return early 2-19 @ 3:00 AM to address drifting issues.

## Lessons Learned

Pushing back the drifts late in the afternoon allowed most roads to remain open throughout the night.

## Goals Met/Not Met

Goals Met/Not Met		Plowing	Goals	Bare wheel paths	Goals
Priority 1	Met		6 hr.	Priority 1	Met
Priority 2	Met		8 hr.	Priority 2	Met
Priority 3	Met		10 hr.		