

# CROW WING COUNTY

## February 7, 2020 Snow Event #5 - 2020 - 16

## Reported Event Conditions

Date: 2/7/2020  
Event No: #5 2020 16  
Begin Time: 2-6-20 10PM  
End Time: 2-7-20 8AM  
Weather: Snow  
Precipitation: 1"  
Temperature: 28°-10°  
Wind: 0-5 MPH

## Event Costs

Salt	\$7,849
Sand	\$502
Brine	\$813
Equipment/Fuel	\$9,793
Personnel Reg.	\$3,939
Personnel OT	\$0
<hr/>	
Total	\$22,895
Cost Mile	\$41
Season Total:	\$926,960

## 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

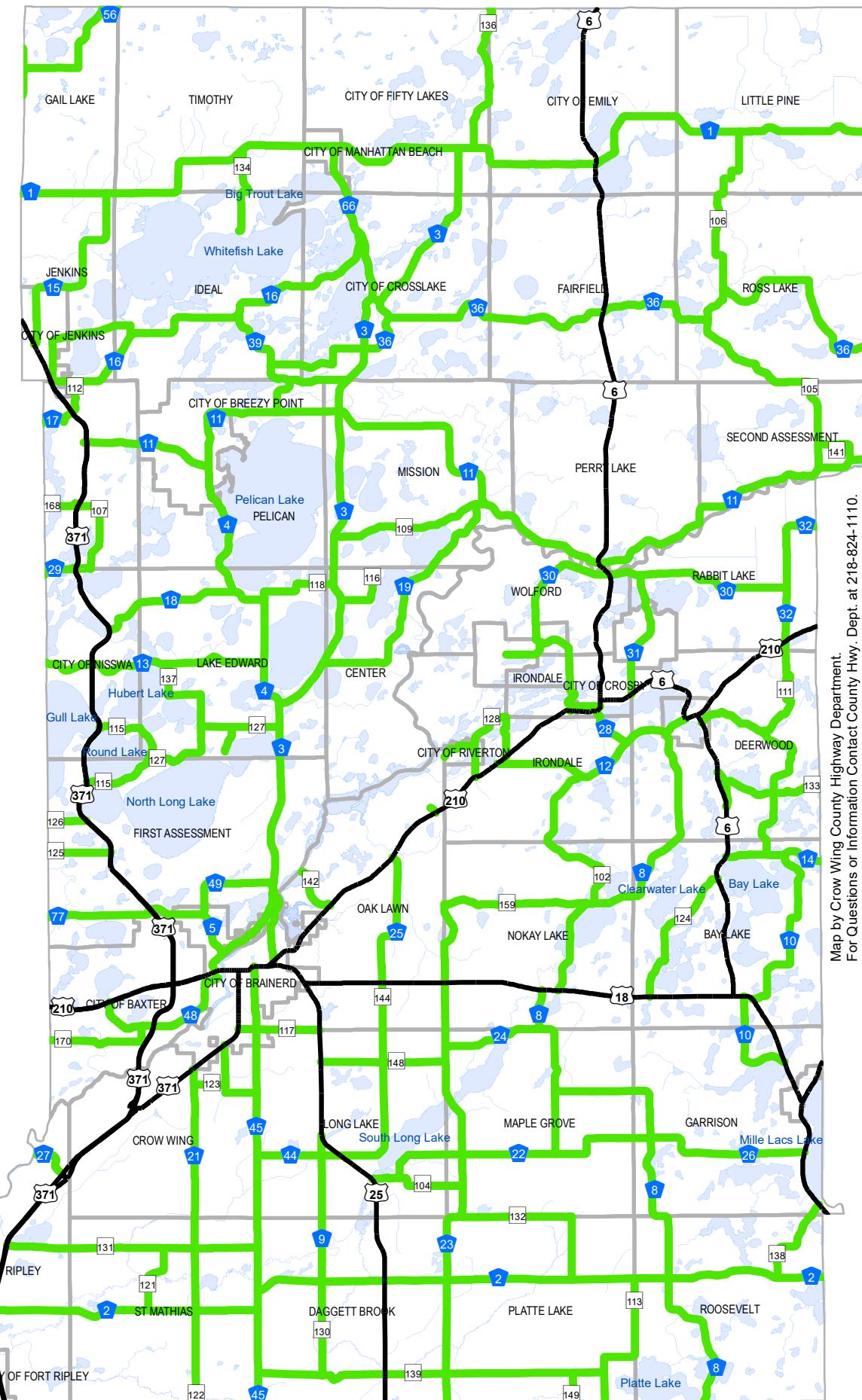
## Route Priority

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

## Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 2/11/2020



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.

## 2019/2020 Summary For Snow Event #5 - 2020 - 16

Date 2-7-20

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
86.25	\$7,849	14.75	\$502	1232	\$813	\$9,163	\$9,793	\$3,939.00	\$0

**Total** \$22,895

8 Plow hrs.

\$2,862 per/hr.

127 Man hrs.

\$41 per/CL/mile

\$0.86 per/household for entire County

### Forecast

.5" of snow forecasted to fall starting at 5 p.m. 2-6-20 and ending at 8 a.m. 2-7-20. 5-10 mph winds forecasted. Temps 10-20.

### Pre Plan

Start plowing at 5 a.m. 2-7 and apply 300 lbs. of salt on centerline to melt snow and hopefully keep it melting throughout the event.

### Actual Event

Event start: 2/6/20 10PM

Event ended 2/7/20 8AM

### Comments

Snow began around 10:00 P.M. 2-7-20 and ended around 8 a.m. 2-7-20. Temps were in the upper teens and low twenties 2-7-20. Snow flurries continued throughout the morning.

### Conditions

1" of snow. Temps in the teens to low 20s. Continued snow covered and lightly compacted to roads overnight.

Road	Road Temp	Date	Time	Air Temp
Hwy 371	20	2/7/20	5:00 AM	16
Hwy 6	17	2/7/20	5:00 AM	14

Date	High	Low
2/5/2020	30	4
2/6/2020	28	9
2/7/2020	16	-10
2/8/2020	17	6

Source: weather.com. Monthly Weather. 56401

### Summary

About 1" of snow at 5 a.m. 2-7-20. The plows scraped and applied 300 lbs of salt to prevent ice build up and ice from the continued snow flurries.

### Decisions Made

We decided to start plowing at 5 a.m. 2-7-20 to scrape and apply material to keep the roads melting continually throughout the day with the continually falling snow. We applied 300 lbs. of salt and it worked well throughout the day.

### Lessons Learned

300 lbs. of salt worked well on 2-7 along with starting at 5 a.m.

### Goals Met/Not Met

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

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

Priority 3 Met 10 hr.