

# CROW WING COUNTY

## April 13, 2021 Snow Event #7 - 2021 - 18



## Reported Event Conditions

Date: 4/13/2021  
Event No: #7-2021-18  
Begin Time: 4-12-21 5PM  
End Time: 4-14-21 9AM  
Weather: Snow/Rain  
Precipitation: 2"  
Temperature: 38\26  
Wind: 0-5 MPH

## Event Costs

Salt	\$3,731
Sand	\$0
Brine	\$282
Equipment/Fuel	\$7,143
Personnel Reg.	\$2,126
Personnel OT	\$1,474
Total	\$14,756
Cost Mile	\$26
Season Total:	\$675,512

## Priority By Route

## Priority 1

% Target 1A Met: 100%

## Priority 2

% Target 2A Met: 100%  
% Target 2B Met: 100%

### Priority 3

% Target 3A Met: 100%

— MnDOT Highway

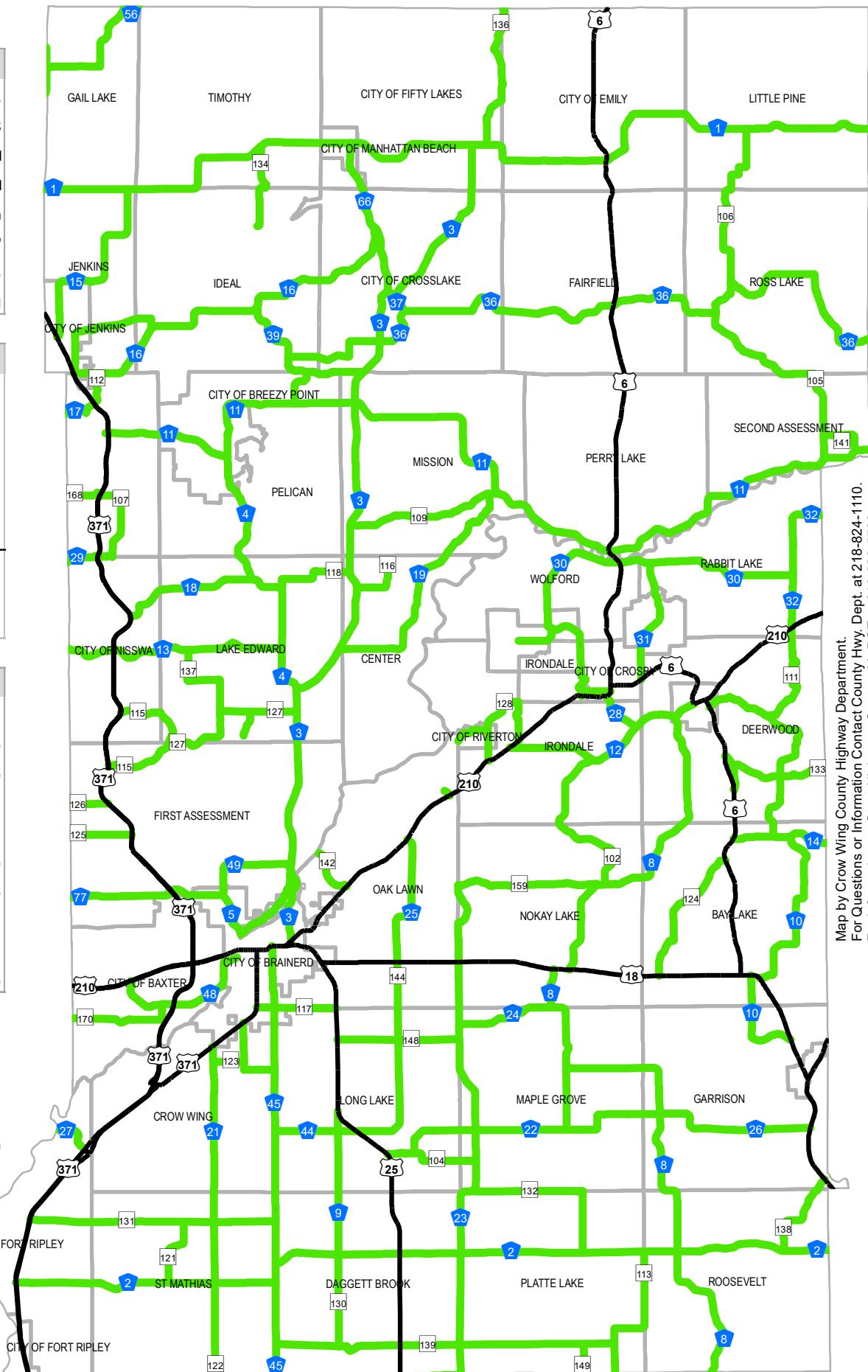
## Route Priority

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

## Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 4/15/2021



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.

## 2020/2021 Summary For Snow Event #7 2021 #18

Date 4-13-21

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
41	\$3,731	0	\$0	427	\$282	\$4,013	\$7,143	\$2,126.00	\$1,474

**Total** \$14,756      6.2 Plow hrs.      \$2,367 per/hr.  
 93.50 Man hrs.      \$26 per/CL/mile  
 \$0.56 per/household for entire County

### Forecast

Rain and snow forecasted to begin falling late Monday (4-12) 9:00 P.M. and continue to fall until Wednesday (4-14) 9:00 A.M. 4.8" of snow expected.

### Pre Plan

Monitor weather and road conditions, particularly overnight and dispatch plows if road conditions warrant it. Only apply minimal amounts of salt if needed to intersections.

### Actual Event

Event start: 4-12-21 5:00PM

Event ended 4/14/2021 11:00PM

### Comments

Roads started to collect snow and become slippery between Nisswa and Pequot Lakes over to Crosby around 3:00 A.M. 4-13. It then started to encompass a majority of the county by 5:00 A.M. Snowplows were dispatched at 4:30 A.M.

### Conditions

Slush and some areas of compaction were present as the plows began.

Road	Road Temp	Date	Time	Air Temp
Cr 3	30	4\13\21	4:00AM	28

Date	High	Low
4/11/2021	54	41
4/12/2021	45	26
4/13/2021	34	29
4/14/2021	44	33
4/15/2021	49	32

Source: weather.com. Monthly Weather. 56401

### Summary

Roads cleaned up well. Most scraped down with no salt. A few had stubborn compaction that required a light application of salt to loosen its bond with the road.

### Decisions Made

Call snowplow operators in to begin plowing at 4:30 A.M.

### Lessons Learned

Warm temperatures and quick response helped clean the roads up quickly.

### 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.