

CROW WING COUNTY

March 7, 2017 Snow Event #14 2017-7



Reported Event Conditions	
Date:	3/7/2017
Event No:	#14 2017-7
Begin Time:	3/6/17 10 P.M.
End Time:	3/7/17 10 A.M.
Weather:	Snow
Precipitation:	.5"-1" Snow
Temperature:	36\10
Wind:	15-45 MPH

Event Costs	
Salt	\$10,861
Sand	\$0
Brine	\$818
Equipment/Fuel	\$11,679
Personnel Reg.	\$5,784
Personnel OT	\$0
Total	\$30,293
Cost Mile	\$54
Season Total:	1.19M

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%

Legend

— MnDOT Highway

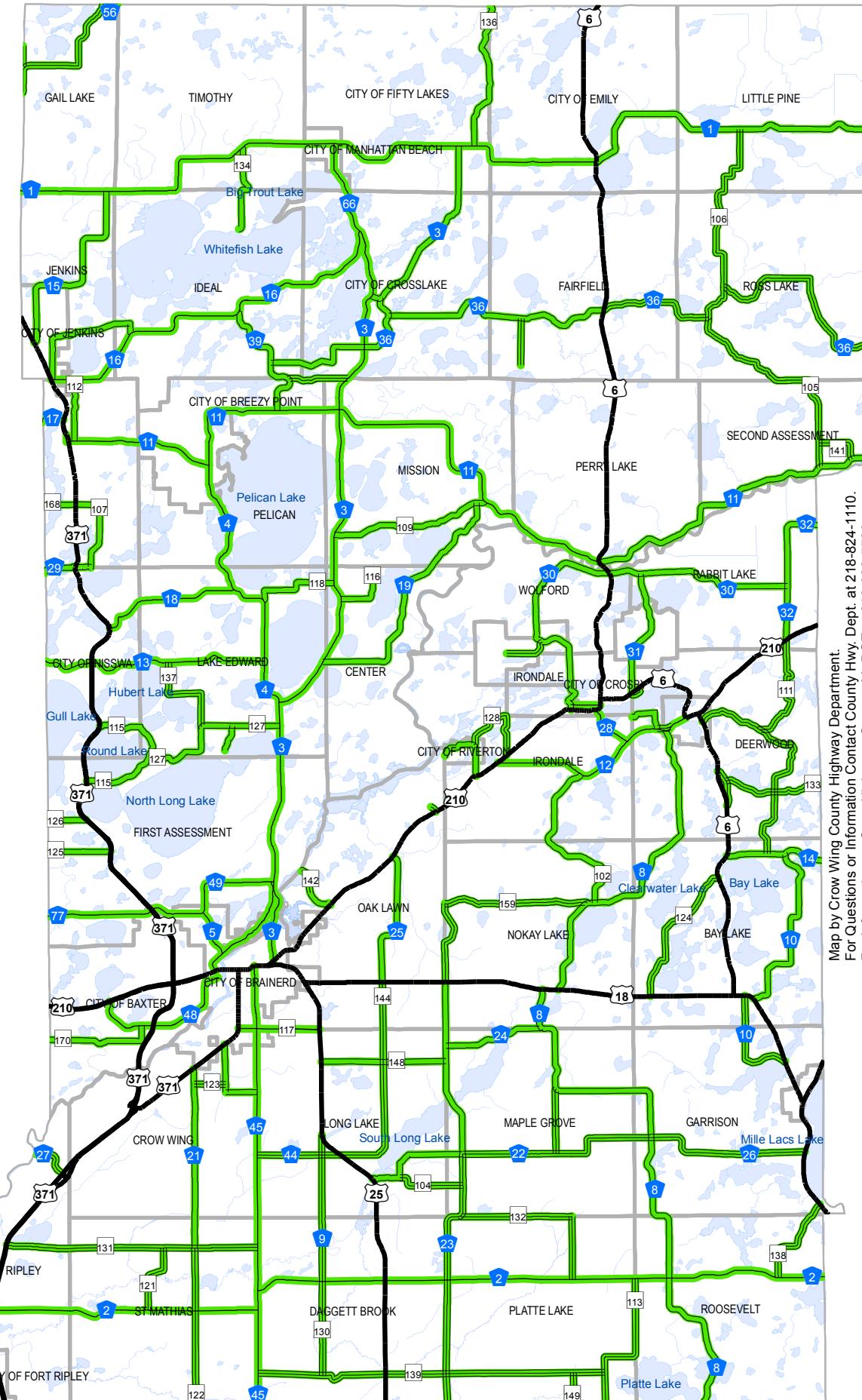
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 3/13/2017



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.

2016/2017 Summary For Snow Event #14 2017-7

Date 3-7-17

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
123	\$10,861	0	\$0	1240	\$818	\$11,679	\$12,830	\$5,784.00	\$0

Total

\$30,293

Total \$30,293

9.5 hrs = \$3,189 per/hr
\$54 per/CL/Mile

173 man hours

Forecast

Light snow forecasted to fall the morning of 3-7-17. Strong winds expected.

Pre Plan

Send plows out to scrape roads and apply material at 7 A.M. 3-7-17.

Carefully place material so it does not catch blowing snow and glue it to the road making ice patches.

Comments

Light snow fell. Strong winds over 40 mph through the day on 3-8-17.

Drifting issues in open areas on the east sides of lakes.

Conditions

Cold and windy.

The sun has a lot of power and helped melt the snow quickly.

Road	RDTemp	Date/Time		Air Temp
12	25	3\7\17	7AM	24
142	40	3\7\17	11AM	30

Date	High	Low
3/6/2017	57	30
3/7/2017	36	20
3/8/2017	25	10
3/9/2017	23	4

Summary

Roads cleaned up well. Some roads had to be watched and plowed multiple time because of drifting.

Decisions Made

Start plowing at 7 A.M. 3-7-17

Apply 300 lbs. on C/L where the wind was not blowing.

Scrape and plow areas of certain roads where drifting was an issue.

Lessons Learned

The start time and material amount worked well.

Goals Met/Not Met

Plowing		Bare wheel paths	
Priority 1	Met	Priority 1	Met
Priority 2	Met	Priority 2	Met
Priority 3	Met		