

CROW WING COUNTY

December 16, 2017 Snow Event #8 2017-17



Reported Event Conditions	
Date:	12/16/2017
Event No:	#8 2017-17
Begin Time:	12-15-17 3PM
End Time:	12-16-17 3AM
Weather:	Snow
Precipitation:	1" Snow
Temperature:	25-13
Wind:	0-5 MPH

Event Costs	
Salt	\$15,244
Sand	\$34
Brine	\$1,064
Equipment/Fuel	\$9,313
Personnel Reg.	\$2,929
Personnel OT	\$2,489
Total	\$31,073
Cost Mile	\$55
Season Total:	\$292,495

Priority By Route	
Priority 1	
% Target 1A Met:	92%
% Target 1B Met:	100%
Priority 2	
% Target 2A Met:	100%
% Target 2B Met:	100%
Priority 3	
% Target 3A Met:	100%

Legend

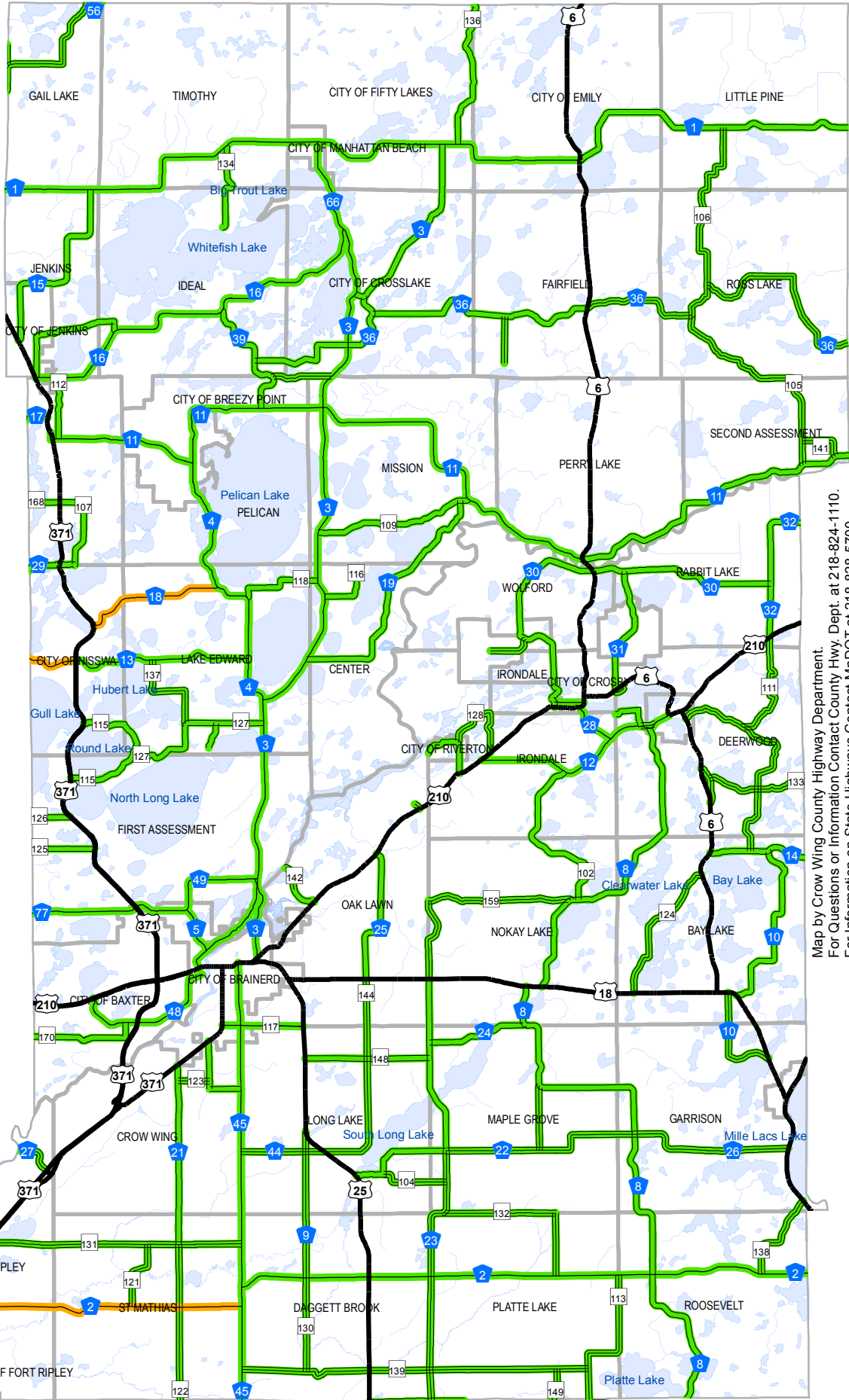
- MnDOT Highway
- Route Priority**

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

- Route Target**

 - Target Achieved
 - Target Partly Achieved
 - Target Not Achieved

Report Date: 12/18/2017



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.

2017/2018 Summary For Snow Event #8 2017-17

Date 12-16-17

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
171.5	\$15,244	1	\$34	1612.5	\$1,064	\$16,342	\$9,313	\$2,929.00	\$2,489

Total \$31,073

Total \$31,073 7 hrs = \$4,439 per/hr 141 man hours
\$55 per/CL/Mile

Forecast

1.5" - 2.5" of snow forecasted starting 12-15 @ 12 PM and ending at 12-16 8 AM. Rain forecasted 12-16 in the morning.

Pre Plan

Start plowing at 6 am 12-16-17. Apply 500 lbs of salt on centerline.

Comments

Snow started to fall around 9 PM 12-15-17.

Snow ended 3:00 am. Quick burst of flurries came through 8:15 am - 9:30 am 12-16-17.

Snow fell instead of the forecasted rain in the morning of 12-16.

Conditions

about 1" of snow. Most drive lanes blew open.

Road	RDTemp	Date/Time		Air Temp
25	19	12\16\17	6:30am	19

Date	High	Low
12/14/2017	20	14
12/15/2017	22	13
12/16/2017	25	19
12/17/2017	29	18

Summary

Roads cleaned up well.

CSAH 2, 77 N & 18 did not meet plowing goals because the event ended sooner than forecasted. They These three roads missed the goal by 1 - 1.5 hours.

Decisions Made

Start plowing at 6 was a little late because the snow ended earlier than forecasted.

500 lbs on centerline.

Lessons Learned

500 lbs worked well.

Should have started plowing earlier to meet plowing goals.

Goals Met/Not Met

Plowing

Priority 1 Not met

Priority 2 Met

Priority 3 Met

Bare wheel paths

Priority 1 Met

Priority 2 Met