

CROW WING COUNTY

November 22, 2017 Snow Event #5 2017-14



Reported Event Conditions

Date:	11/22/2017
Event No:	#5 2017-14
Begin Time:	11-22 12:00PM
End Time:	11-22 6:00PM
Weather:	Snow
Precipitation:	1" Snow
Temperature:	24
Wind:	0-5 MPH

Event Costs

Salt	\$21,616
Sand	\$0
Brine	\$2,141
Equipment/Fuel	\$7,275
Personnel Reg.	\$2,581
Personnel OT	\$1,290
Total	\$21,616
Cost Mile	\$39
Season Total:	\$143,437

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

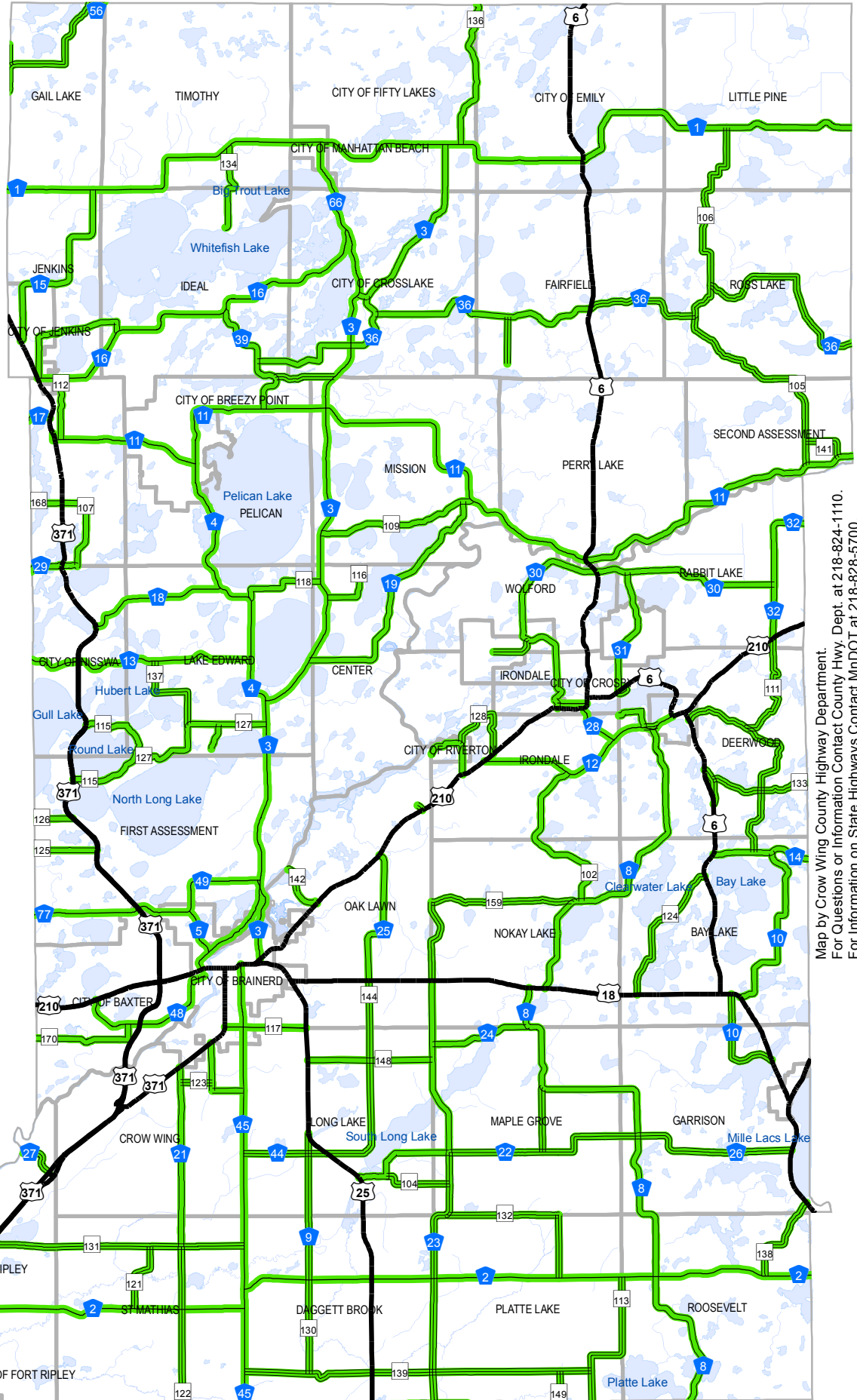
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 11/27/2017



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 #5 2017-14 Date 11-22-17

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
95.25	\$8,329	0	\$0	3244.5	\$2,141	\$10,470	\$7,275	\$2,581.00	\$1,290

Total \$21,616

Total \$21,616 7 hrs = \$3,088 per/hr 110 man hours
\$39 per/CL/Mile

Forecast

1/2"-3/4" of light snow predicted to fall from 1 P.M. to 6 P.M. 11-22-17.

Pre Plan

Watch the roads and dispatch the plows if there is enough snow to plow or the roads become slippery.

Comments

Snow started around noon and intersections started to get slippery around 2 P.M.

Conditions

around 1" of snow fell, no wind.

Road	RDTemp	Date/Time		Air Temp
12	30	11/22/17	8 P.M.	24

Date	High	Low
11/21/2017	32	14
11/22/2017	24	9
11/23/2017	41	12

Summery

Roads cleaned up well after the snow stopped falling.

Decisions Made

Send the plows out at 2 P.M.
 Applied salt at 300 lbs per lane mile

Lessons Learned

Salt kept the snow from sticking.
 Anti ice helped initially but could not keep melting the snow as it fell

Goals Met/Not Met

<u>Plowing</u>	<u>Bare wheel paths</u>
Priority 1 Met	Priority 1 met
Priority 2 met	Priority 2 met
Priority 3 met	