

CROW WING COUNTY

February 3, 2018 Snow Event #13 2018-3



Reported Event Conditions	
Date:	2/3/2018
Event No:	#13 2018-3
Begin Time:	2-2-18 6:30PM
End Time:	2-3-18 5PM
Weather:	Snow
Precipitation:	2" Snow
Temperature:	11 - -15
Wind:	5-15 MPH

Event Costs	
Salt	\$5,368
Sand	\$51
Brine	\$1,143
Equipment/Fuel	\$14,585
Personnel Reg.	\$5,227
Personnel OT	\$3,215
Total	\$29,200
Cost Mile	\$52
Season Total:	\$530,989

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

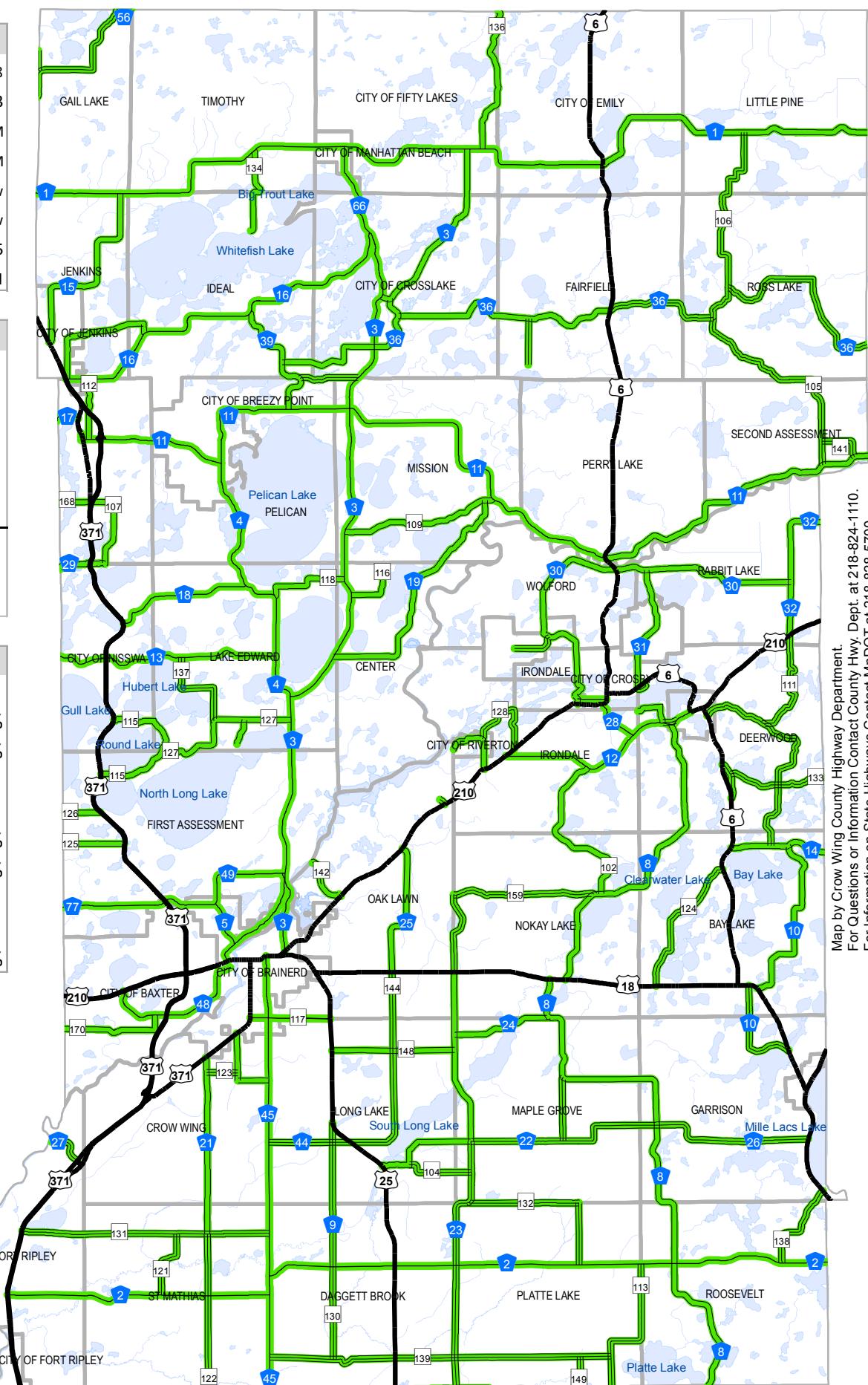
— MnDOT Highway

Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved



2017/2018 Summary For Snow Event #13 2018-3

Date 2-3-18

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
88	\$5,368	1.5	\$51	1143	\$754	\$6,173	\$14,585	\$5,227.00	\$3,215

Total

\$29,200

Total

\$29,200

12 hrs =

\$2,433 per/hr

\$52 per/CL/Mile

229 man hours

Forecast

Light flurries in the evening 2-2. Snow forecasted to fall starting at 6 a.m. 2-3-18 and ending at 1 p.m. 2-3-18. 2"-3" forecasted throughout the County.

Winds 5-10 mph with very cold temperatures below zero. Wind chill advisories in effect.

Pre Plan

Start plowing roads at 12 p.m. 2-3-18.

Apply 600 lbs. of treated salt at intersections and critical areas only.

Comments

Light fluffy snow fell and swirled around the roads. Traffic blew the snow off of the surface on the more heavily traveled roads.

2" inches of snow fell.

Gravel roads were not plowed until 2-5 to let snow repack over exposed gravel. If we had plowed we would have plowed gravel off into the ditch.

Conditions

Light to moderate winds with light flurries when we initially starting plowing.

Road	RDTemp	Date/Time		Air Temp
210/3	0	2/2/2018	4:30 PM	-5
Hwy 6	13	2/3/2018	12:00 PM	8

Date	High	Low
2/1/2018	3	-11
2/2/2018	11	-15
2/3/2018	11	-14
2/4/2018	2	-20
2/5/2018	10	-9

Summary

The roads cleaned up well. The snow was dry and blew of the drive lanes. Treated salt kept working despite the cold pavement temps. Minor drifting occurred on 2-4-18.

Decisions Made

Decided to apply 600 lbs of treated salt at intersections and critical areas only because of blowing snow and very cold temperatures.

Decided to start plowing at noon on 2-3 in hopes of removing snow before cars compacted it.

Lessons Learned

Treated salt worked very well.

Goals Met/Not Met

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

Priority 3 Met