

CROW WING COUNTY

December 22, 2018 Snow Event #16-2018

Reported Event Conditions

Date: 12/22/2018
Event No: #16-2018
Begin Time: 12/22/18 6AM
End Time: 12/23/18 2PM
Weather: Rain/snow
Precipitation: .005"R/.5"SN
Temperature: 28\15
Wind: 0-5 MPH

Event Costs

Salt	\$8,388
Sand	\$0
Brine	\$1,117
Equipment/Fuel	\$5,810
Personnel Reg.	\$2,477
Personnel OT	\$288
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Total	\$18,080
Cost Mile	\$32
Season Total:	\$153,362

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

— MnDOT Highway

Route Priority

— 1 (ADT>5000)

===== 2 (500>ADT<5000)

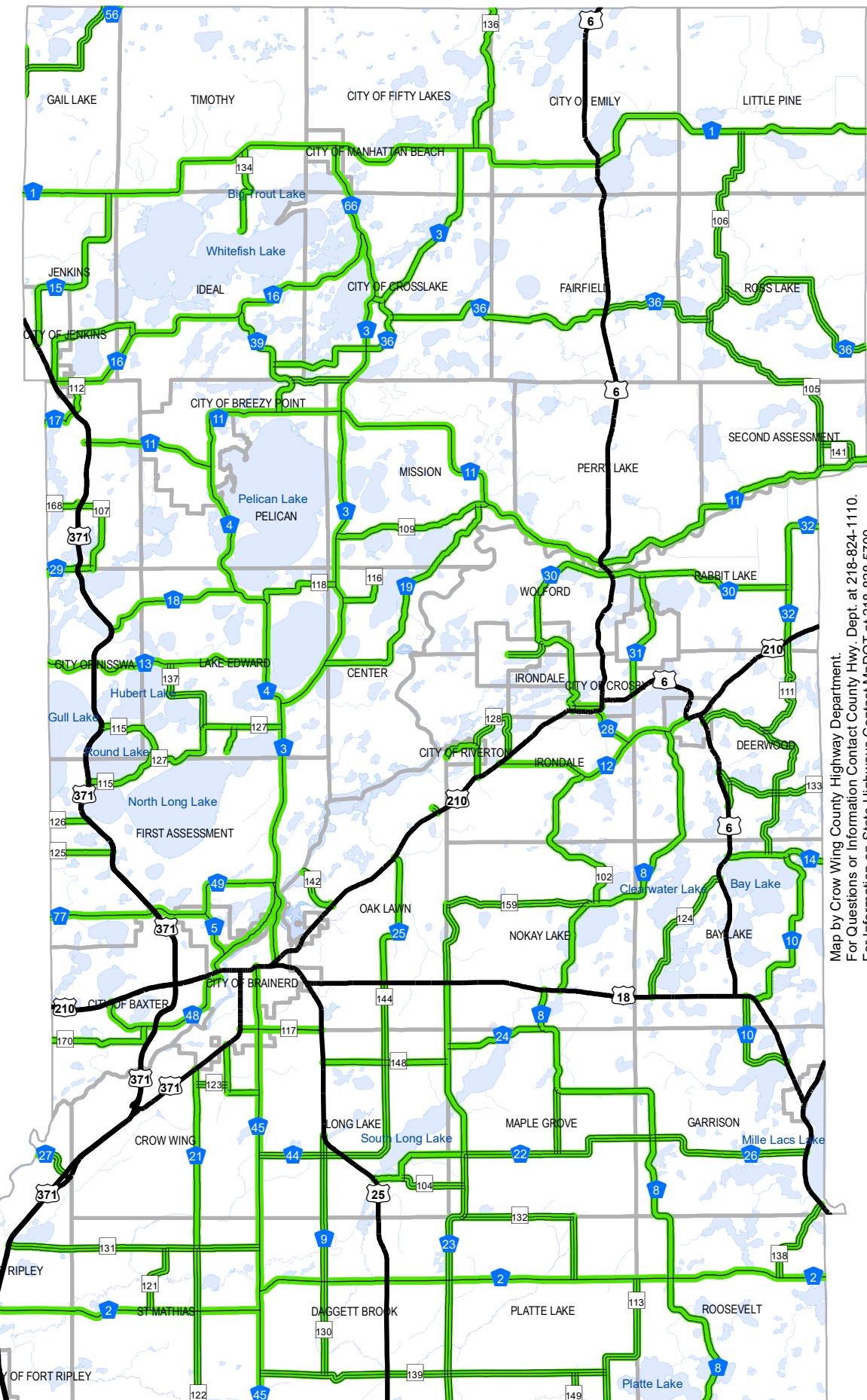
===== 3 (ADT<500)

Route Target

 Target Achieved

Target Partly Achieved

Target Not Achieved



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.

2018/2019 Summary For Snow Event #16 2018

Date 12-22-18

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
137.5	\$8,388	0	\$0	1692	\$1,117	\$9,504	\$5,810	\$2,477.00	\$288

Total

\$18,079

Total \$18,079

6 hrs = \$3,013 per/hr
\$32 per/CL/Mile

82 man hours

Forecast

Light mist and snow flurries were forecasted for 12/22/18, starting at 3:00 A.M. Not expected to amount to anything.

Pre Plan

Check and watch roads to see how they react.

At 3:00 P.M. on 12/22/18 the roads started to freeze and we called operators in to plow and apply 450 lbs. on centerlines of roads. We planned to just plow drivelines and leave the small amount of snow on shoulders.

Comments

Roads cleaned up well. Very little snow to plow but needed to remove it from centerline.

Salt worked and had drivelines bare by midnight.

Conditions

Light winds and continued rain and snowfall until 2:00 P.M. on 12/23.

Road	RDTemp	Date/Time		Air Temp
Cr 1	26	12/22/18	3:00 P.M.	26
Cr 3	25	12/23/18	8:00 A.M.	24

Date	High	Low
12/21/2018	20	17
12/22/2018	28	19
12/23/2018	28	15
12/24/2018	23	16

Summary

The salt applied on 12/22 continued working throughout the day on 12/23, eliminating the need to dispatch snowplows on 12/23.

Decisions Made

Start plowing at 3:30 P.M. 12/22, apply 450 lbs. on centerline. Plow drivelines and apply 450 lbs on C/L.

Lessons Learned

Salt and scraping the drivelines worked well and eliminated the need to come back again 12/23.

Goals Met/Not Met

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