

CROW WING COUNTY

January 24, 2019 Snow Event #3 - 2019



Reported Event Conditions

Date:	1/24/2019
Event No:	#3-2019
Begin Time:	1/23/19 10PM
End Time:	1/24/19 5:30AM
Weather:	Snow
Precipitation:	1"
Temperature:	18/-18
Wind:	15-40 MPH

Event Costs

Salt	\$2,146
Sand	\$1,428
Brine	\$638
Equipment/Fuel	\$13,965
Personnel Reg.	\$5,622
Personnel OT	\$1,657
Total	\$25,456
Cost Mile	\$45
Season Total:	\$410,722

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%
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Legend

MnDOT Highway

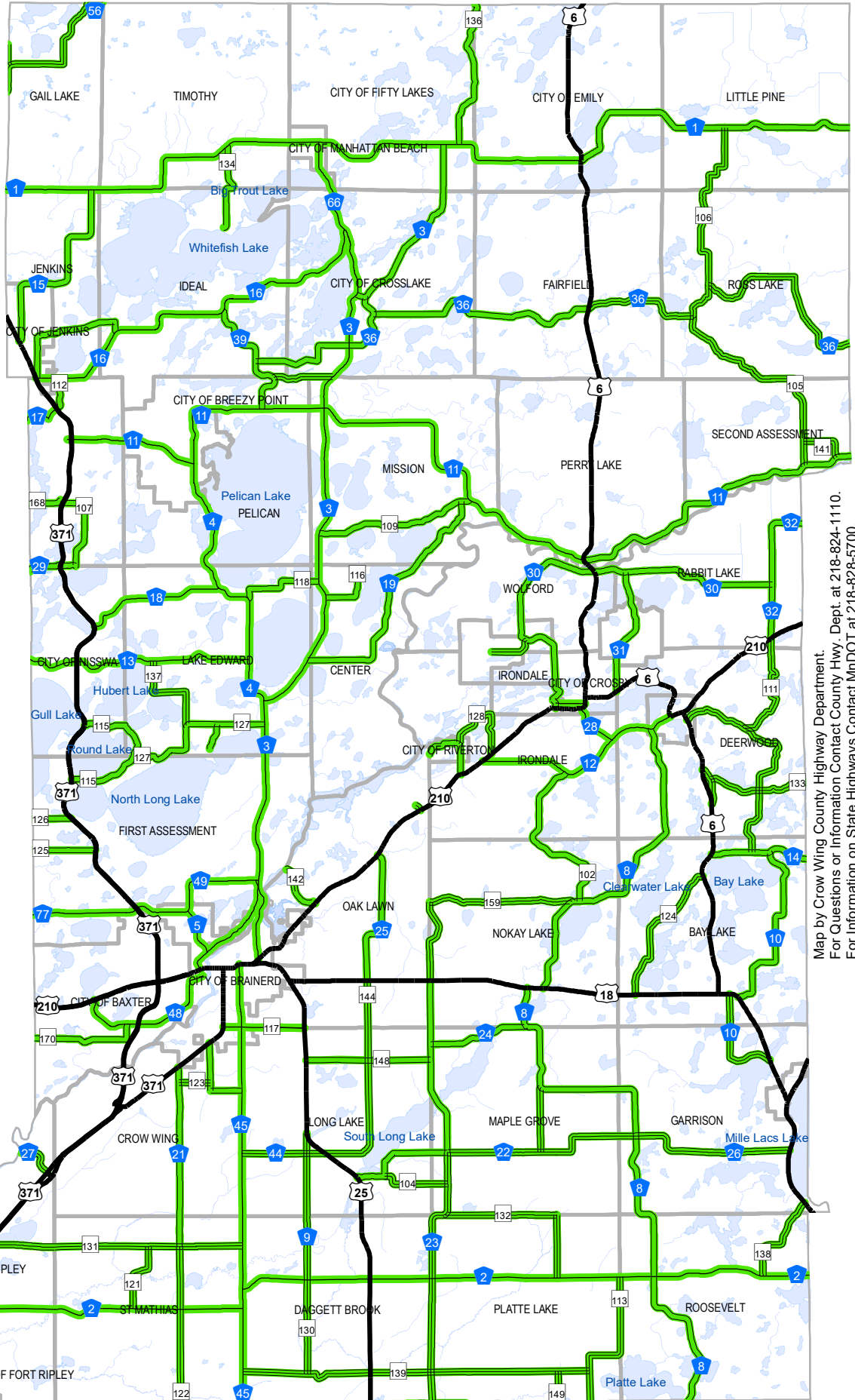
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 1/28/2019



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 #3 - 2019

Date 1/24/19

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
25.25	\$2,146	42	\$1,428	967	\$638	\$4,212	\$13,965	\$5,622.00	\$1,657

Total \$25,456

Total \$25,456 10 hrs = \$2,546 per/hr man hours
 \$45 per/CL/Mile

Forecast

Late in the evening on 1/23, up to an inch of snow forecasted to fall early on 1/24.
 Strong winds forecasted 15-40 mph on 1/24.

Pre Plan

Start plowing at 5: a.m. on 1/24 if there was enough snow to impact traffic.
 Apply 50/50 mix of treated salt and sand to intersections and curves.

Comments

Started snowing at 10:00 p.m. 1/23. At 4:00 a.m. 1/24 there was enough snow to plow.
 Plows started plowing at 5:00 a.m. 1/24.

Conditions

1" snow, 40 mph gusts.

Road	RDTemp	Date/Time		Air Temp
Cr 3	8	1\24\19	5:00 AM	2

Date	High	Low
1/22/2019	19	8
1/23/2019	18	2
1/24/2019	16	-18
1/25/2019	-2	-26
1/26/2019	7	-24

Summery

Roads cleaned up well with minimal drifting.
 Cold temperatures helped freeze dry the roads.

Decisions Made

Starting to plow at 5:00 a.m. and apply 50/50 salt/sand at intersections worked well.

Lessons Learned

Applying 50/50 mix to intersections and curves worked well. The roads freeze dried.

Goals Met/Not Met

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