

CROW WING COUNTY

March 1, 2019 Snow Event #12 - 2019



Reported Event Conditions

Date: 3/1/2019
Event No: #12-2019
Begin Time: 3-1/19 9AM
End Time: 3-1/19 7PM
Weather: Snow
Precipitation: 1.5" snow
Temperature: 18\7
Wind: 0-5 MPH

Event Costs

Salt	\$18,971
Sand	\$0
Brine	\$2,613
Equipment/Fuel	\$21,350
Personnel Reg.	\$5,391
Personnel OT	\$5,517
Total	\$53,842
Cost Mile	\$96
Season Total:	\$952,375

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

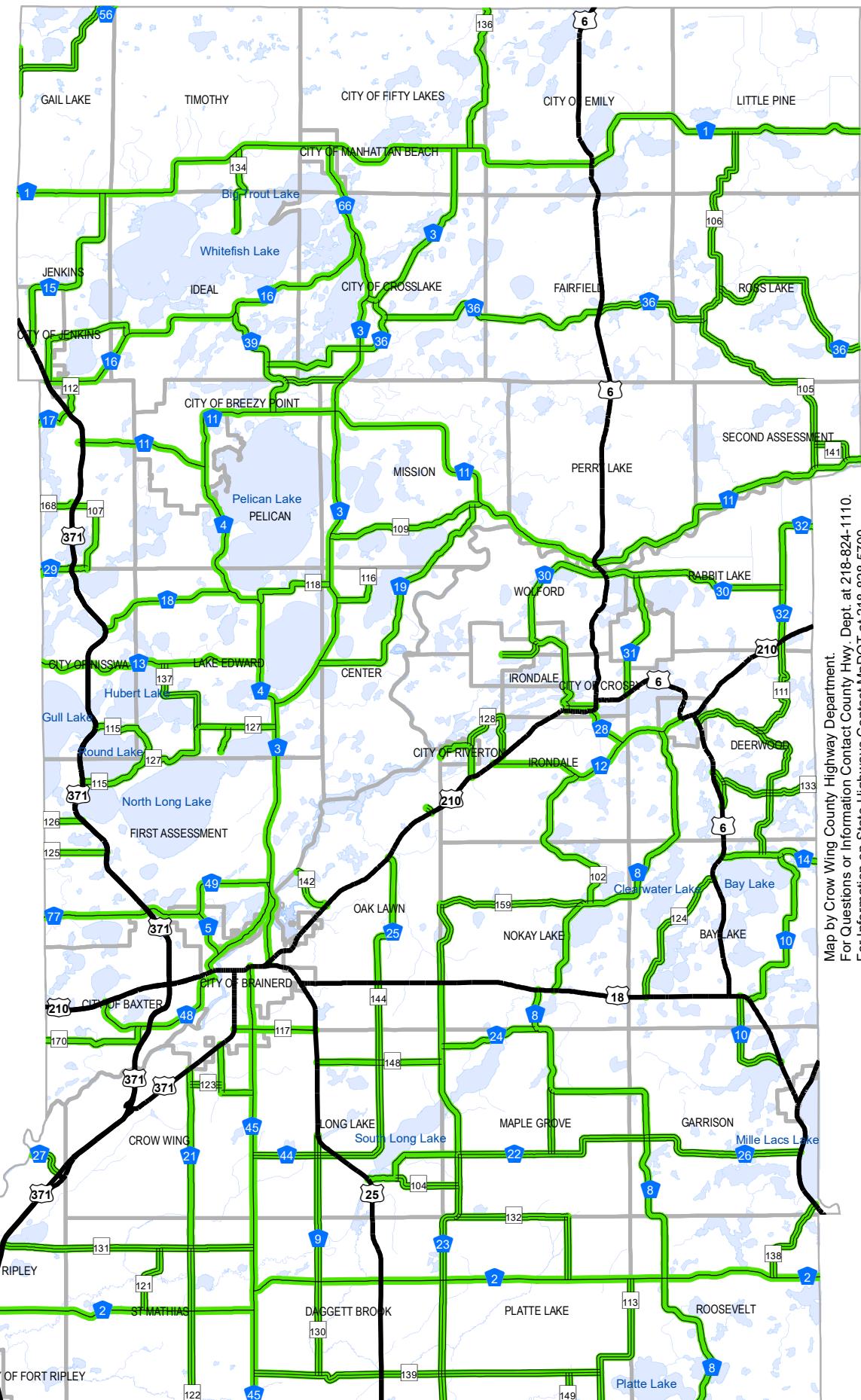
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 3/7/2019



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 #12 - 2019

Date 3-1-19

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
311	\$18,971	0	\$0	3959	\$2,613	\$21,584	\$21,350	\$5,391.00	\$5,517

Total	\$53,842	18.3125 Plow hrs.	\$2,940 per/hr.
		293 Man hrs.	\$96 per/CL/mile

Forecast

2" of snow forecasted to fall starting at 10:00 AM 3-1-19 and end at 4:00 PM 3-1-19.

Pre Plan

Begin plowing late morning and apply 400 pounds of salt to melt the falling snow. Plow later to keep the roads open and to try and get it all on 3-1-19.

Actual Event

Event start: 9:00AM 3-1-19

Event ended 7:00PM 3-1-19

Comments

Snow continued to fall later than forecasted. Snow fell at a rate that didn't allow the salt to melt all of it completely.

Conditions

Continued snowfall all day.

Road	Road Temp	Date	Time	Air Temp

Date	High	Low
2/27/2019	11	-7
2/28/2019	23	-9
3/1/2019	18	-7
3/2/2019	12	-9
3/3/2019	-1	-19

Summary

Continued snowfall did not allow operators to get all snow cleared on 3-1-19. All roads cleaned up well by noon 3-2-19.

Decisions Made

Apply 400 lbs on centerline. Plows plowed until 10:00 PM 3-1-19 and came back at 6:00 AM 3-2-19.

Lessons Learned

Applying salt to only compacted areas worked well on 3-2-19.

Goals Met/Not Met

Plowing	Goals
Priority 1	Met
Priority 2	Met
Priority 3	Met

Bare wheel paths	Goals
Priority 1	Met
Priority 2	Met