

CROW WING COUNTY

November 9, 2019 Snow Event #15 - 2019 - 01



Reported Event Conditions

Date:	11/9/2019
Event No:	#15 2019 01
Begin Time:	11/9/2019 12PM
End Time:	11-9-19 8PM
Weather:	Rain
Precipitation:	1/4'
Temperature:	32\23
Wind:	0-5 MPH

Event Costs

Salt	\$5,873
Sand	\$0
Brine	\$641
Equipment/Fuel	\$4,563
Personnel Reg.	\$1,638
Personnel OT	\$280
Total	\$12,994
Cost Mile	\$23
Season Total:	\$16,957

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

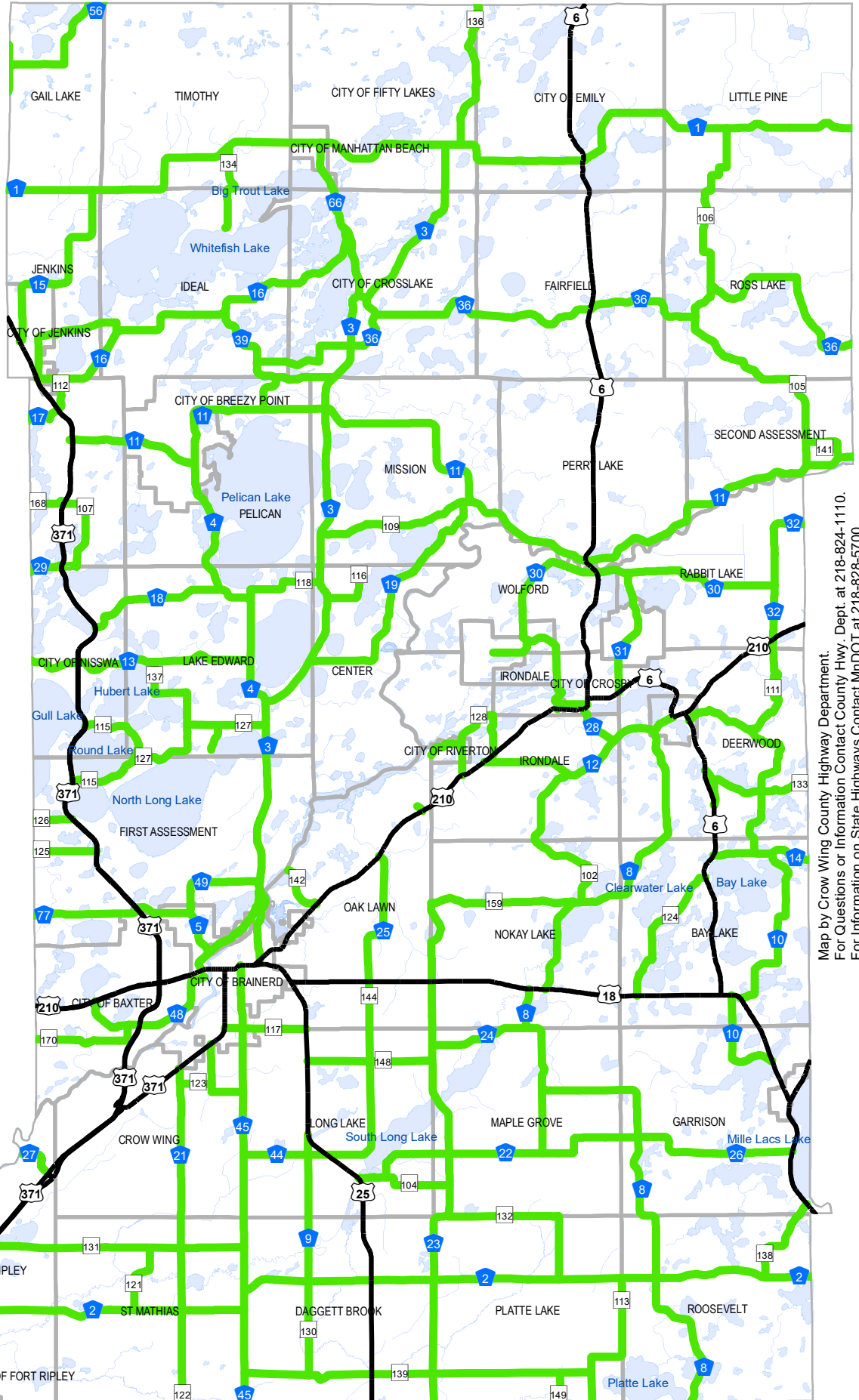
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 11/21/2019



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.

2019/2020 Summary For Snow Event 01 #15 - 2019 Date 11-9-19

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
72.5	\$5,873	0	\$0	971	\$641	\$6,513	\$4,563	\$1,638.00	\$280

Total	\$12,994	5.5 Plow hrs. 59 Man hrs.	\$2,363 per/hr. \$23 per/CL/mile \$0.49 per/household for entire County
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Forecast

Rain and snow flurries forecasted 12 to 8 p.m. on 11-9-19.

Pre Plan

Watch the weather, check roads as the road temps get around freezing and dispatch plows if snow or freezing occurs.

Actual Event

Event start: 12:00 P.M. 11/09/19

Event ended 8:00 P.M. 11/09/19

Comments

Started checking roads around 4:30 p.m. on 11-9-19. Around 5:30 p.m. roads started to freeze. Trucks were dispatched at 5:30 p.m.

Conditions

Rain and snow mix.

Road	Road Temp	Date	Time	Air Temp
CR 45	32	11\9/19	4:30 PM	32
CR 3	30	11\9/19	11:00 PM	28

Date	High	Low
4/8/2019	31	10
4/9/2019	32	23
4/10/2019	29	13

Summary

Rain started to freeze around 5:30 p.m. Trucks were dispatched and began applying salt. All roads treated by 11 p.m.

Decisions Made

Check roads late in the afternoon as the roads temps started to drop. Call trucks in when it started to freeze.

Lessons Learned

200 lbs. of salt worked well.

Goals Met/Not Met

Plowing	Goals
Priority 1 Met	6 hr.
Priority 2 Met	12 hr.
Priority 3 Met	18 hr.

Bare wheel paths	Goals
Priority 1 Met	18 Hr.
Priority 2 Met	48 hr.