

CROW WING COUNTY

November 16, 2020 Snow Event #10 - 2020 - 4



Reported Event Conditions

Date:	11/16/2020
Event No:	#10-2020-4
Begin Time:	11/16/20 7AM
End Time:	11/16/20 12PM
Weather:	Snow
Precipitation:	2"
Temperature:	31\17
Wind:	0-5 MPH

Event Costs

Salt	\$5,123
Sand	\$0
Brine	\$935
Equipment/Fuel	\$5,740
Personnel Reg.	\$3,415
Personnel OT	\$127
Total	\$17,415
Cost Mile	\$31
Season Total:	\$126,244

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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MnDOT Highway

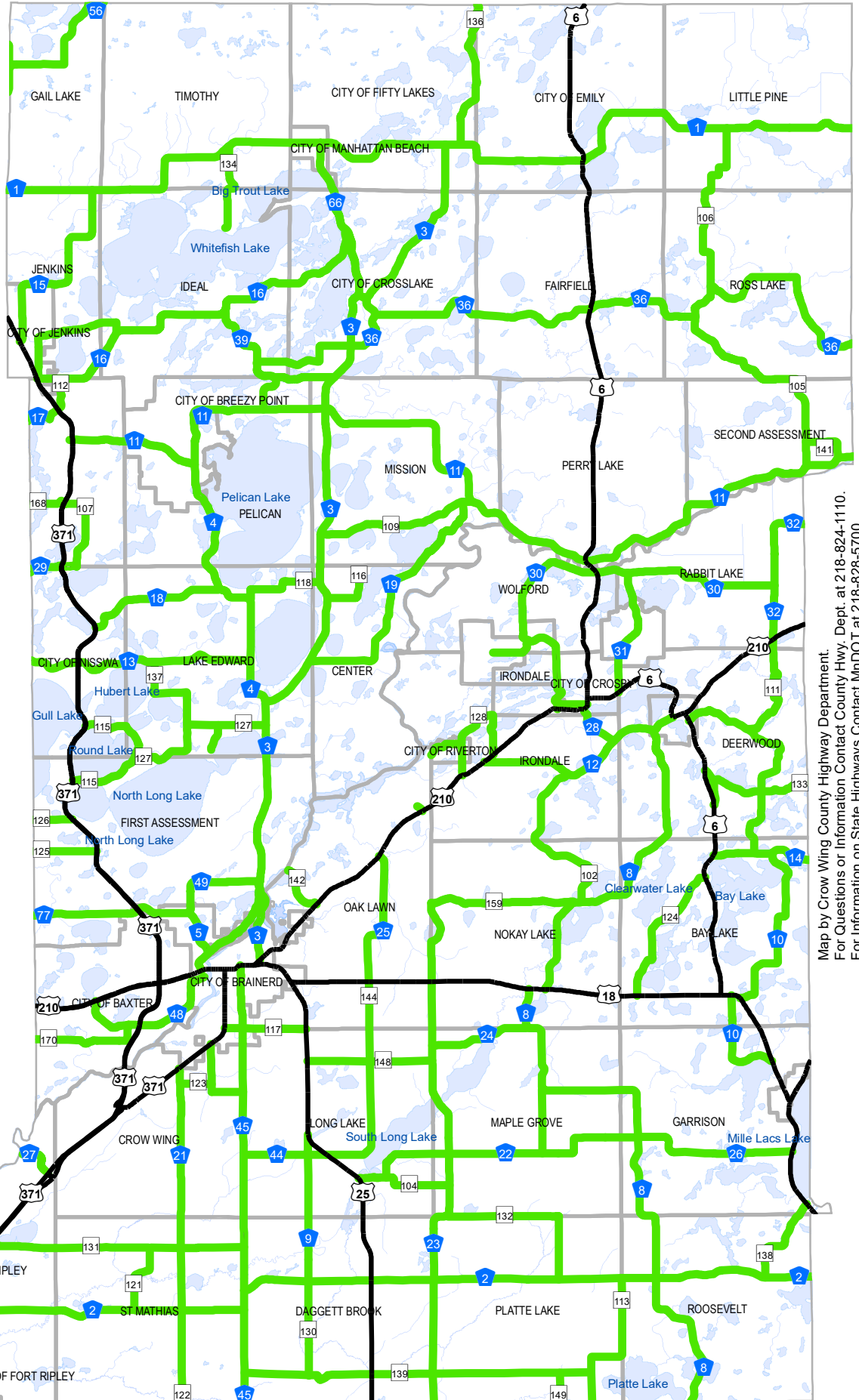
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 11/24/2020



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.

2020/2021 Summary For Snow Event

Date 11-16-2020

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
56.3	\$5,123	0	\$0	935	\$617	\$5,740	\$8,133	\$3,415.00	\$127

Total \$17,415

9 Plow hrs.
112.00 Man hrs.

\$1,935 per/hr.
\$31 per/CL/mile
\$0.66 per/household for entire County

Forecast

One inch of snow expected to fall on 11-16-20 starting at 5:00 a.m. and ending at 11:00 a.m.

Pre Plan

Pre-plan was to begin plowing at 7:00 a.m. 11-16-20 and apply 200 lbs. on centerline.

Actual Event

Event start: 11-16-20 7:00a.m.

Event ended 11-16-20 12:00p.m.

Comments

The roads cleaned up well with the warmer temps.

Conditions

Temps in the upper 20's and low 30's with no wind on 11-16-20.

Road	Road Temp	Date	Time	Air Temp
Cr 142	32	11\16\20	10:00am	30

Date	High	Low
11/15/2020	35	20
11/16/2020	31	17
11/17/2020	32	10
11/18/2020	42	28

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well with them temps and plowing decisions.

Decisions Made

Start plowing in the morning as the snow fell and applying 200 lbs. on centerline.

Lessons Learned

Early plowing and 200 lbs. of salt worked well to achieve our goals relatively quick.

Goals Met/Not Met

Plowing	Goals
Priority 1 Met	6 hr.
Priority 2 Met	8 hr.
Priority 3 Met	10 hr.

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