

CROW WING COUNTY

November 22, 2020 Snow Event #11 - 2020 - 5



Reported Event Conditions

Date:	11/22/2020
Event No:	#11-2020-5
Begin Time:	11/22/20 3AM
End Time:	11/22/20 6AM
Weather:	Snow
Precipitation:	2"
Temperature:	36\25
Wind:	0-5 MPH

Event Costs

Salt	\$7,644
Sand	\$0
Brine	\$766
Equipment/Fuel	\$8,138
Personnel Reg.	\$2,622
Personnel OT	\$1,712
Total	\$20,882
Cost Mile	\$37
Season Total:	\$147,126

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

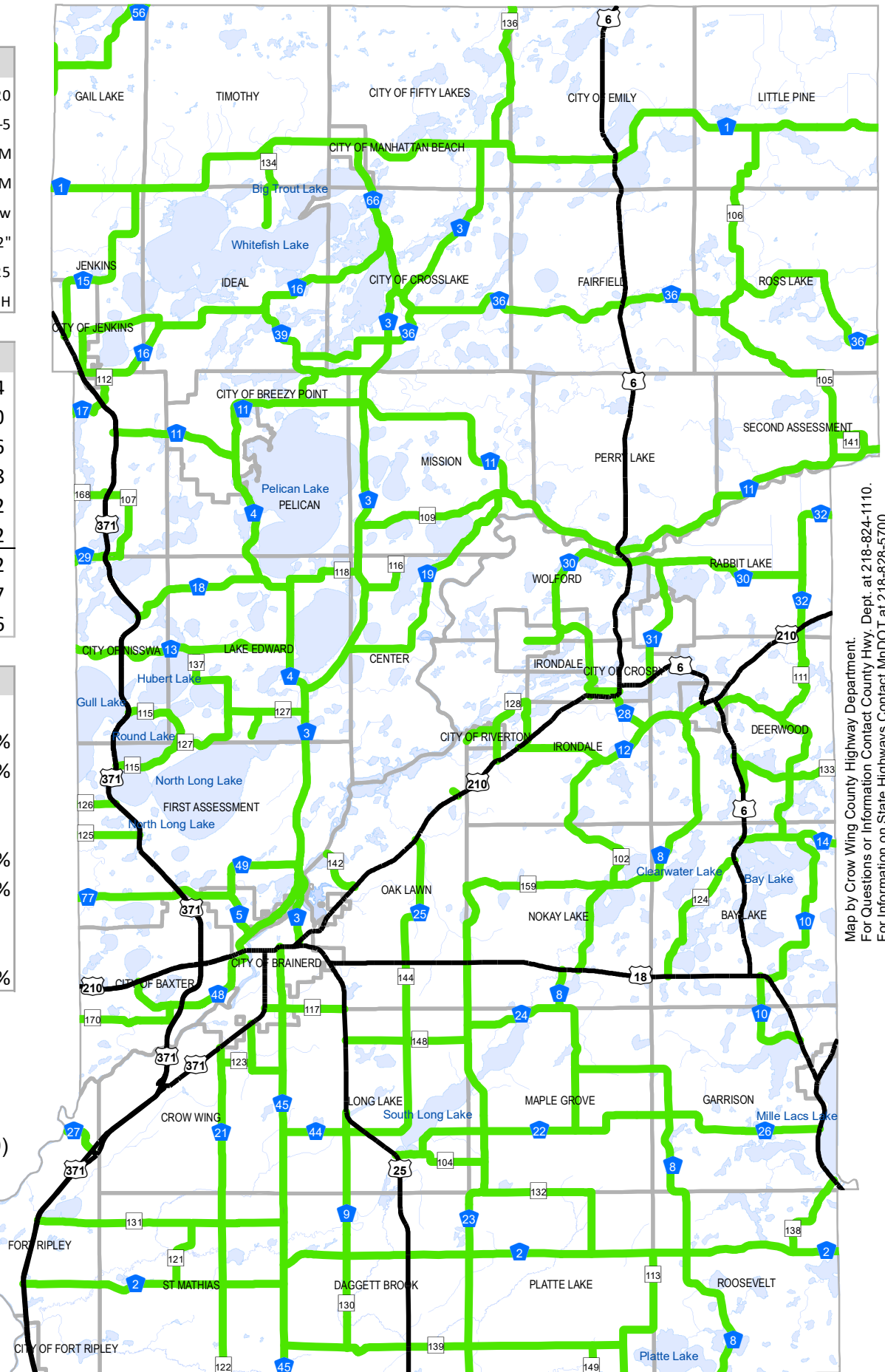
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 11/25/2020



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 #11 2020 5

Date 11-22-2020

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
84	\$7,644	0	\$0	1161	\$766	\$8,410	\$8,138	\$2,622.00	\$1,712

Total \$20,882

8 Plow hrs.
115 Man hrs.

\$2,610 per/hr.
\$37 per/CL/mile
\$0.79 per/household for entire County

Forecast

Two inches of snow expected to fall on 11-22-20 starting at 2:00 a.m. and ending at 7:00 a.m.

Pre Plan

Pre-plan was to begin plowing at 5:30 a.m. 11-16-20 and apply 200 lbs. on centerline.

Actual Event

Event start: 11-22-20 3:00a.m.

Event ended 11-22-20 6:00a.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 11-22-20.

Road	Road Temp	Date	Time	Air Temp
Cr 103	30	11/22/20	6:00am	25

Date	High	Low
11/21/2020	37	19
11/22/2020	36	25
11/23/2020	33	20

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 250 lbs. on centerline.

Lessons Learned

Early plowing and 250 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.