

CROW WING COUNTY

November 12, 2021 Snow Event #8 - 2021 - #1



Reported Event Conditions

Date: 11/12/2021
Event No: #8-2021-#1
Begin Time: 11-11-21 6PM
End Time: 11-12-21 7AM
Weather: Snow/Rain
Precipitation: 2"
Temperature: 36\29
Wind: 5-15 MPH

Event Costs

Salt	\$885
Sand	\$0
Brine	\$343
Equipment/Fuel	\$5,810
Personnel Reg.	\$2,037
Personnel OT	\$318
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Total	\$9,393
Cost Mile	\$17
Season Total:	\$9,393

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%

— MnDOT Highway

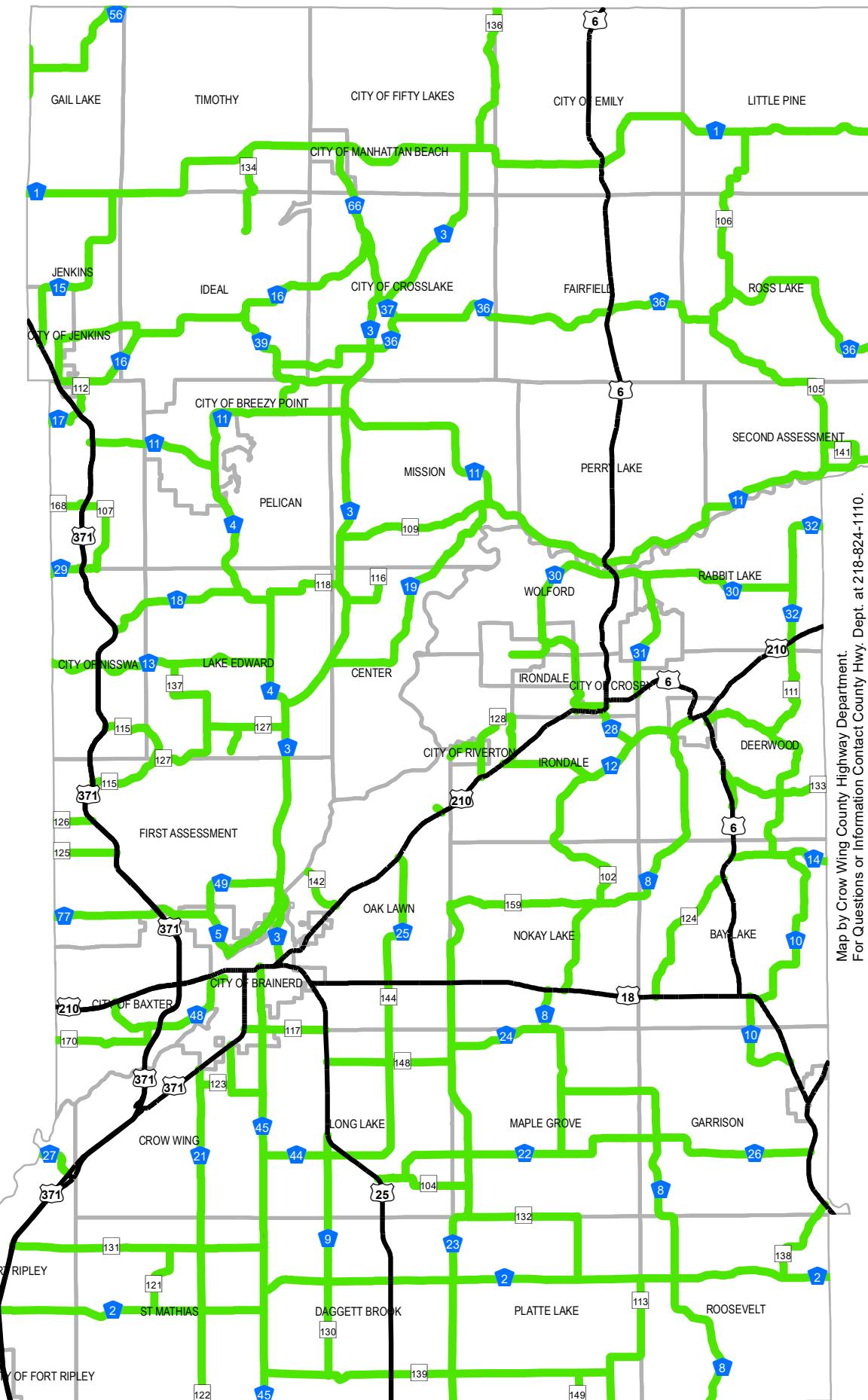
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 11/15/2021



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.

2021/2022 Summary For Snow Event #8 - 2021 - #1

Date 11-12-21

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
11.8	\$885	0	\$0	520	\$343	\$1,228	\$5,810	\$2,037.00	\$318

Total \$9,393

4 Plow hrs.

\$2,348 per/hr.

67 Man hrs.

\$17 per/CL/mile

\$0.35 per/household for entire County

Forecast

2" of snow forecasted to fall starting 4:00 p.m. 11/11 and continue until 11/12 7:00 a.m. Winds 5-25 MPH.

Pre Plan

Begin plowing at 4:00 A.M. 11/12 and apply 200 lbs on centerlines where needed.

Actual Event

Event start: 11/11 6:00 P.M.

Event ended 11/12 7:0 A.M.

Comments

Roads were slushy and cleaned up well. Very little wind and pavement temps held warmer than expected.

Conditions

Favorable conditions with some compaction and slush. Snow up north, little to nothing south and east.

Road	Road Temp	Date	Time	Air Temp
16	33	11\12\21	4:30 AM	31

Date	High	Low
11-10-21	49	35
11-11-21	38	30
11-12-21	34	28
11-13-21	31	26

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well and started to melt on their own by 9:00 am.

Decisions Made

Start plowing at 4:00 a.m. and apply 200 lbs where needed.

Lessons Learned

Road temps allowed us to quickly clean up roads.

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.