

CROW WING COUNTY

December 1, 2021 Snow Event #10 - 2021 - #3



Reported Event Conditions

Date: 12/1/2021
Event No: #10-2021-#3
Begin Time: 11-30-21 10PM
End Time: 12-1-21 2AM
Weather: Snow/Rain
Precipitation: 2"
Temperature: 33\29
Wind: 5-10 MPH

Event Costs

Salt	\$6,694
Sand	\$0
Brine	\$777
Equipment/Fuel	\$11,132
Personnel Reg.	\$2,952
Personnel OT	\$2,395
Total	\$23,950
Cost Mile	\$43
Season Total:	\$72,994

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

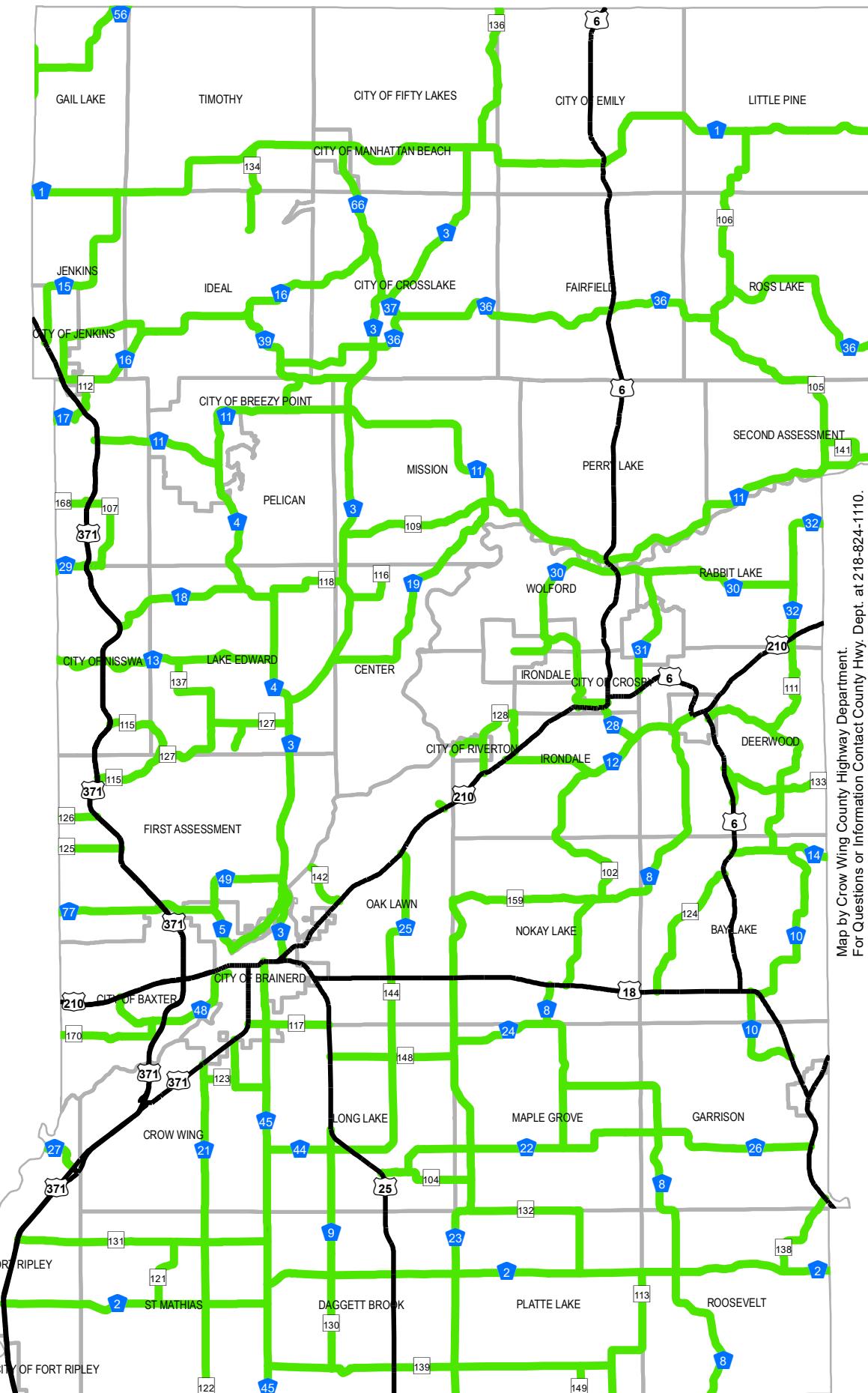
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 12/3/2021



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.

2020/2021 Summary For Snow Event #10 - 2021 - #3

Date 12-1-21

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
82.64	\$6,694	0	\$0	1178	\$777	\$7,471	\$11,132	\$2,952.00	\$2,395

Total \$23,950

7 Plow hrs.

\$3,421 per/hr.

138.00 Man hrs.

\$43 per/CL/mile

\$0.90 per/household for entire County

Forecast

Snow forecasted to begin falling at 11 p.m. 11-30 and continue until 2 a.m. 12-1. Temps mild around 32 with < 10 mph winds.

Pre Plan

Begin plowing at 3 a.m. 12-1 and apply 200 lbs. of salt.

Actual Event

Event start: 10PM 11/30/21

Event ended 2AM 12/1/21

Comments

Roads cleaned up well. Light snow in the south but icy from rain. 2+ inches of snow north.

Conditions

Wet snow with warm temps.

Road	Road Temp	Date	Time	Air Temp
Co Rd 16	34	12/1/21	4AM	33

Date	High	Low
11/29/2021	43	28
11/30/2021	37	29
12/1/2021	47	34
12/2/2021	41	29

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well. Warm temps helped with melting. Some ice to the south but quickly melted with salt and sun by 8 a.m.

Decisions Made

Begin at 3 a.m. and apply 200 lbs. of salt.

Lessons Learned

Early plowing and warm temps helped us achieve our goals.

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.