

CROW WING COUNTY

February 21, 2021 Snow Event #4 - 2021 - 15



Reported Event Conditions

Date:	2/21/2021
Event No:	#4-2021-15
Begin Time:	2-21-21 4AM
End Time:	2-21-21 4PM
Weather:	Snow
Precipitation:	1"
Temperature:	23\29
Wind:	0-5 MPH

Event Costs

Salt	\$14,742
Sand	\$0
Brine	\$1,251
Equipment/Fuel	\$17,138
Personnel Reg.	\$6,899
Personnel OT	\$492
Total	\$40,522
Cost Mile	\$72
Season Total:	\$577,657

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

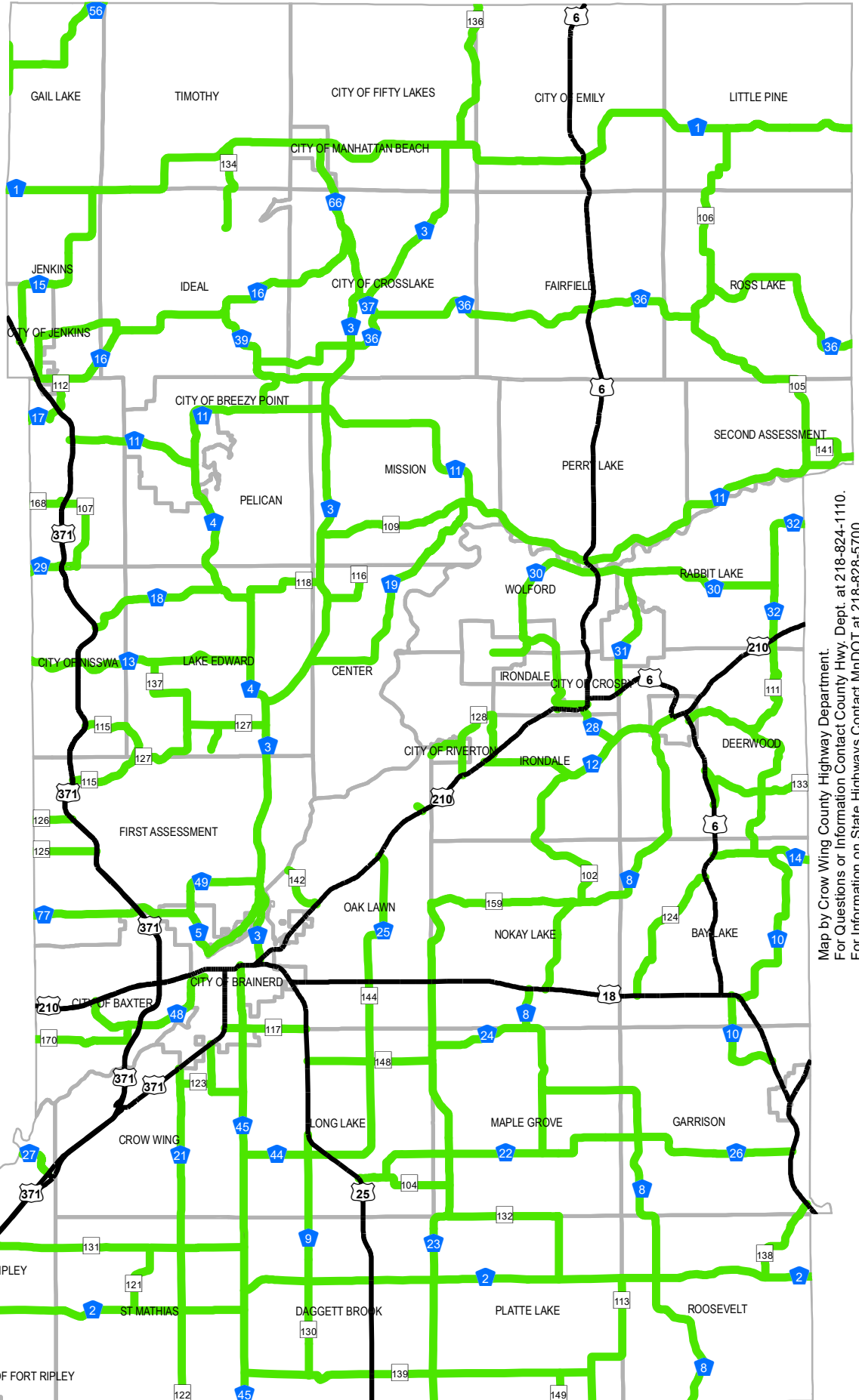
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 2/23/2021



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 #4 - 2021 - #15

Date 2-21-21

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
162	\$14,742	0	\$0	1895	\$1,251	\$15,993	\$17,138	\$6,899.00	\$492

Total \$40,522 11.71 Plow hrs. \$3,460 per/hr.
 222.50 Man hrs. \$72 per/CL/mile
 \$1.53 per/household for entire County

Forecast

Flurries and up to an inch of snow is forecasted between 4:00 AM until 4:00 PM with light winds.

Pre Plan

Begin plowing mid morning 2-21-21, if road goals are lost. Apply only the minimum amount of salt since temps will be favorable.

Actual Event

Event start: 2/21/2021 4:00AM

Event ended 2-21-6:00PM

Comments

Snow continued to fall into the evening. Roads remained open with a wheel path in each direction but heavy ribbing of snow on the centerline and shoulders. Some additional flurries overnight.

Conditions

Continued snowfall throughout the day. Began plowing again at 5:00 AM 2-21-21 to clean up ribbing snow in the middle of the road and shoulders.

Road	Road Temp	Date	Time	Air Temp
CR 3	31	2/21/21	4:00PM	28

Date	High	Low
2/20/2021	23	18
2/21/2021	29	23
2/22/2021	41	28

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well and continued melting early into the afternoon. Drivelanes were open but the continued snowfall covered the centerlines and shoulders. It also created some slick intermittent area.

Decisions Made

Begin plowing at 8:00 am 2-21-21, apply 250 lbs. of salt. Turned up to 300 lbs. to keep roads melting through the night.

Lessons Learned

Continued snowfall created a challenge of keeping the entire road clear. Drivelanes continued to melt with the material put down.

Goals Met/Not Met

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

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