

CROW WING COUNTY

December 18, 2020 Snow Event #14 - 2020 - 8



Reported Event Conditions	
Date:	12/18/2020
Event No:	#14-2020-8
Begin Time:	12/18/20 6AM
End Time:	12/18/20 3PM
Weather:	Snow
Precipitation:	1"
Temperature:	33/20
Wind:	5-10 MPH

Event Costs	
Salt	\$8,336
Sand	\$0
Brine	\$1,192
Equipment/Fuel	\$7,035
Personnel Reg.	\$1,081
Personnel OT	\$2,626
Total	\$19,864
Cost Mile	\$35
Season Total:	\$226,647

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

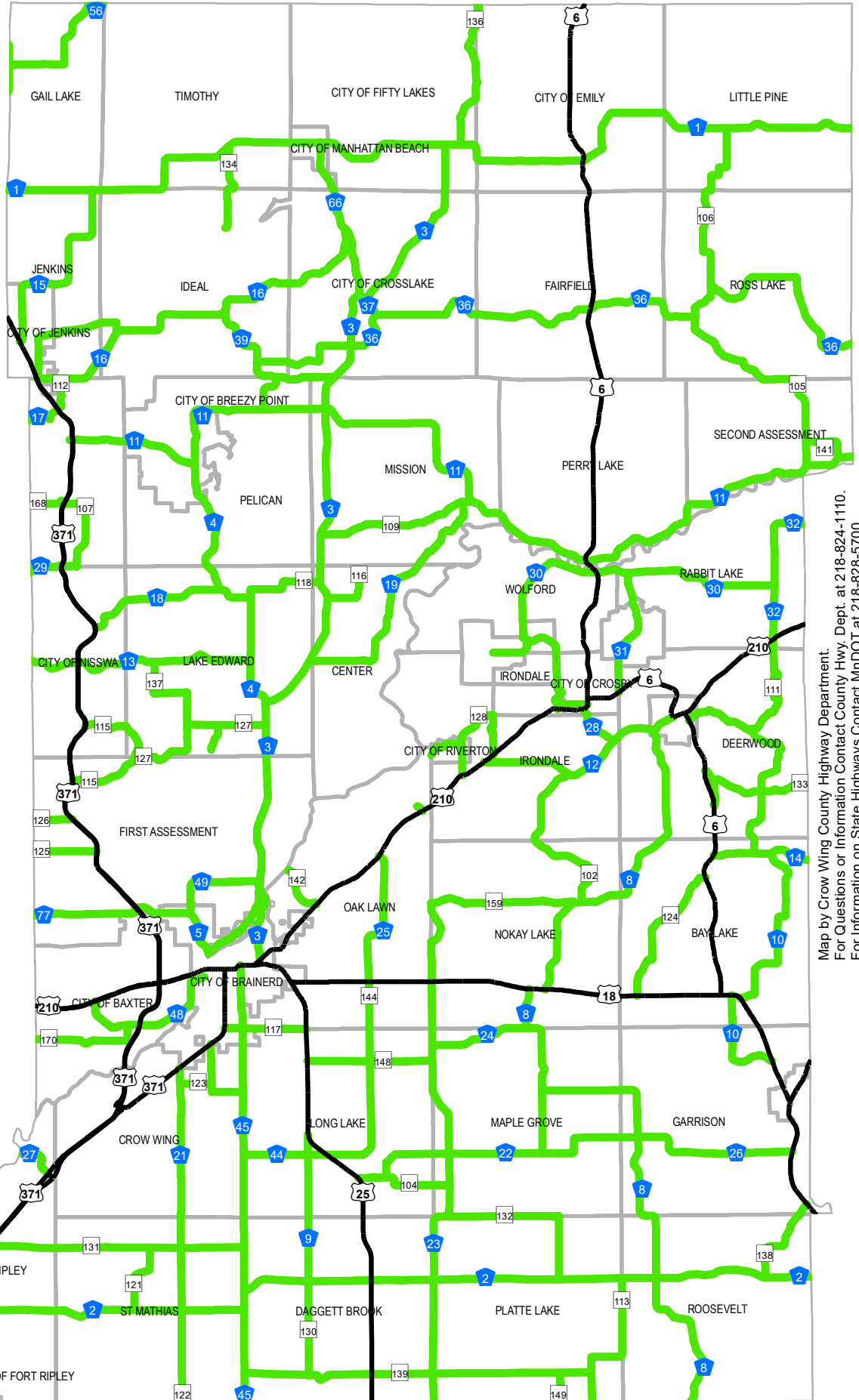
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 12/22/2020



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 #14 - 2020 - 8 Date 12-18-20

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
91.6	\$8,336	0	\$0	1192	\$787	\$9,122	\$7,035	\$1,081.00	\$2,626

Total \$19,864 6 Plow hrs. \$3,311 per/hr.
 91.00 Man hrs. \$35 per/CL/mile
 \$0.75 per/household for entire County

Forecast

1" of snow forecasted to begin falling at 6:00 a.m. 12-18-20.

Pre Plan

Begin plowing when there is enough snow to plow or roads get slippery. Apply 250-300 lbs. of salt on centerlines.

Actual Event

Event start: 12/18/2020 6:00AM

Event ended 12-18-20 3:00PM

Comments

Snow fell NW to SE and began to stick to roads around 10:00 A.M. Trucks began plowing and applying material. About 1" of snow fell with no wind.

Conditions

1.5" of fluffy snow fell.

Road	Road Temp	Date	Time	Air Temp
Cr 28	26	12\18\20	12:30PM	27

Date	High	Low
12/17/2020	28	20
12/18/2020	33	20
12/19/2020	21	14
12/20/2020	32	29

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well with temps, plowing and salt application that kept snow melting overnight.

Decisions Made

Beginning to plow at 10:00 A.M. and applying 250-300 lbs. of salt worked well.

Lessons Learned

250-300 lbs. of salt worked well.

Goals Met/Not Met

Plowing		Goals	Bare wheel paths		Goals
Priority 1	Met	6 hr.	Priority 1	Met	18 Hr.
Priority 2	Met	8 hr.	Priority 2	Met	48 hr.
Priority 3	Met	10 hr.			