

CROW WING COUNTY

December 25-28, 2021 Snow Event #14 - 2021 - #7

Reported Event Conditions

Date:	12/25-28/2021
Event No:	#14-2021-#7
Begin Time:	12-25 6PM
End Time:	12-28 8PM
Weather:	Snow
Precipitation:	24" Snow
Temperature:	26\ -15
Wind:	5 - 40 MPH

Event Costs

Salt	\$13,559
Sand	\$3,400
Brine	\$1,272
Equipment/Fuel	\$63,330
Personnel Reg.	\$21,393
Personnel OT	\$5,965
Total	\$108,919
Cost Mile	\$194
Season Total:	\$463,932

Priority By Route

Priority 1

% Target 1A Met:	0%
% Target 1B Met:	0%

Priority 2

% Target 2A Met:	1%
% Target 2B Met:	0%

Priority 3

% Target 3A Met:	5%
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MnDOT Highway

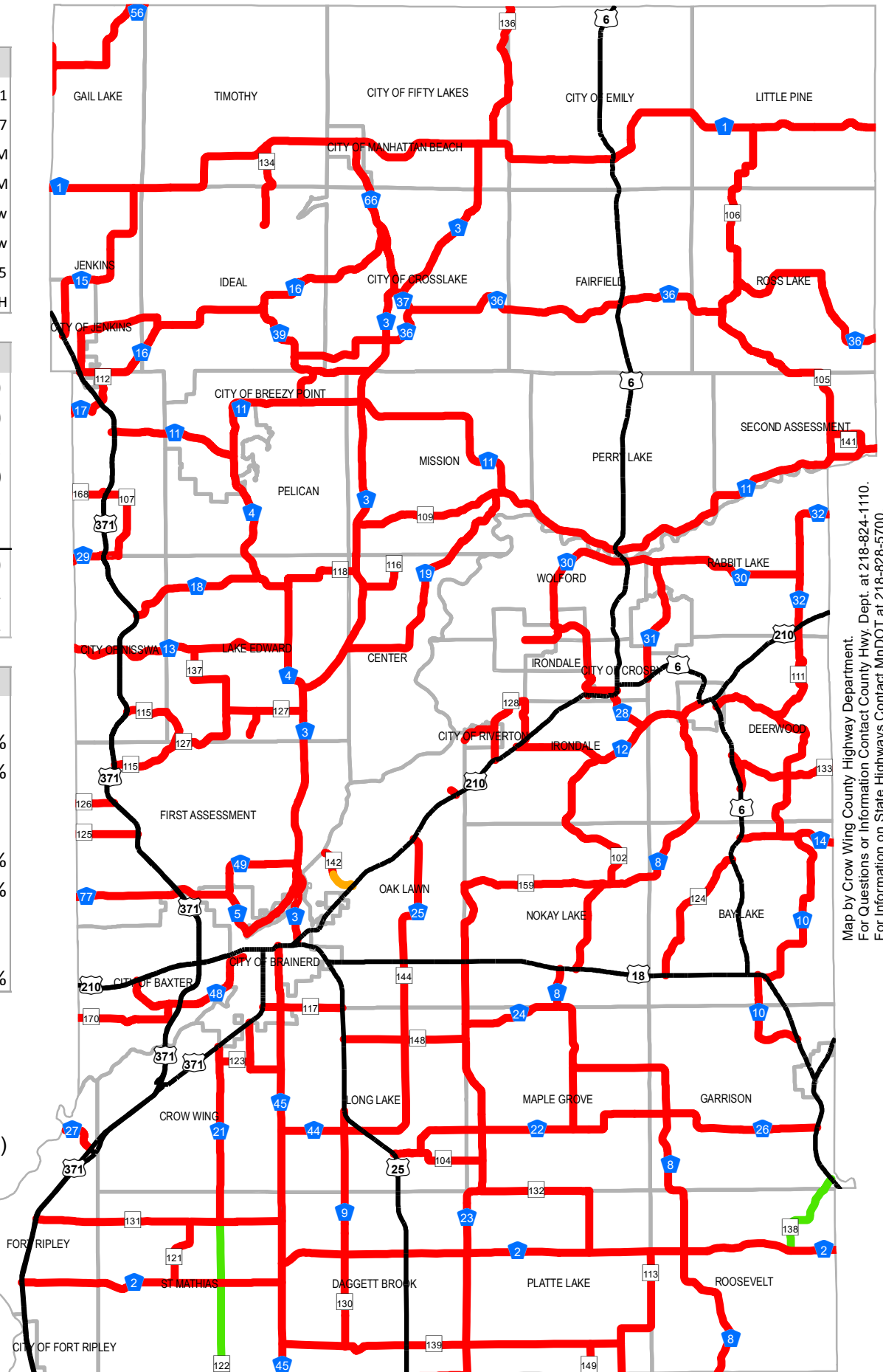
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 1/4/2022



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.

Plow 12-25 just before the event ended to get as much snow off the roads as possible with the quickly dropping temps. Start at 3:00 AM on 12-27 to maximize one shift of 16 snowplows for both the morning and evening commutes on 12-27. Strong winds and blowing snow did not allow us to use salt because the salt caught the blowing snow, causing it to build up on the road and not blow across. The roads were freeze drying and not causing a safety concern.

Lessons Learned

Initial plow start times and not using salt because of the cold temps allowed us to reach most of our goals. More snow fell on 12-27 than forecasted. Cold temps helped the roads freeze dry except for intersections. Sand applied blew off the road after it was applied.

Goals Met/Not Met

	Plowing	Goals
Priority 1	Not Met	6 hr.
Priority 2	Not Met	8 hr.
Priority 3	Not Met	10 hr.

	Bare wheel paths	Goals
Priority 1	Not Met	18 Hr.
Priority 2	Not Met	48 hr.