

CROW WING COUNTY

February 7, 2019 Snow Event #7 - 2019



Reported Event Conditions	
Date:	2/7/2019
Event No:	#7-2019
Begin Time:	2/6/19 8PM
End Time:	2/7/19 6PM
Weather:	Snow
Precipitation:	8" snow
Temperature:	15/-6
Wind:	20-35 MPH

Event Costs	
Salt	\$680
Sand	\$5,032
Brine	\$775
Equipment/Fuel	\$30,125
Personnel Reg.	\$10,970
Personnel OT	\$4,086
Total	\$51,668
Cost Mile	\$92
Season Total:	\$588,542

Priority By Route	
Priority 1	
% Target 1A Met:	100%
% Target 1B Met:	0%
Priority 2	
% Target 2A Met:	100%
% Target 2B Met:	0%
Priority 3	
% Target 3A Met:	100%

Legend

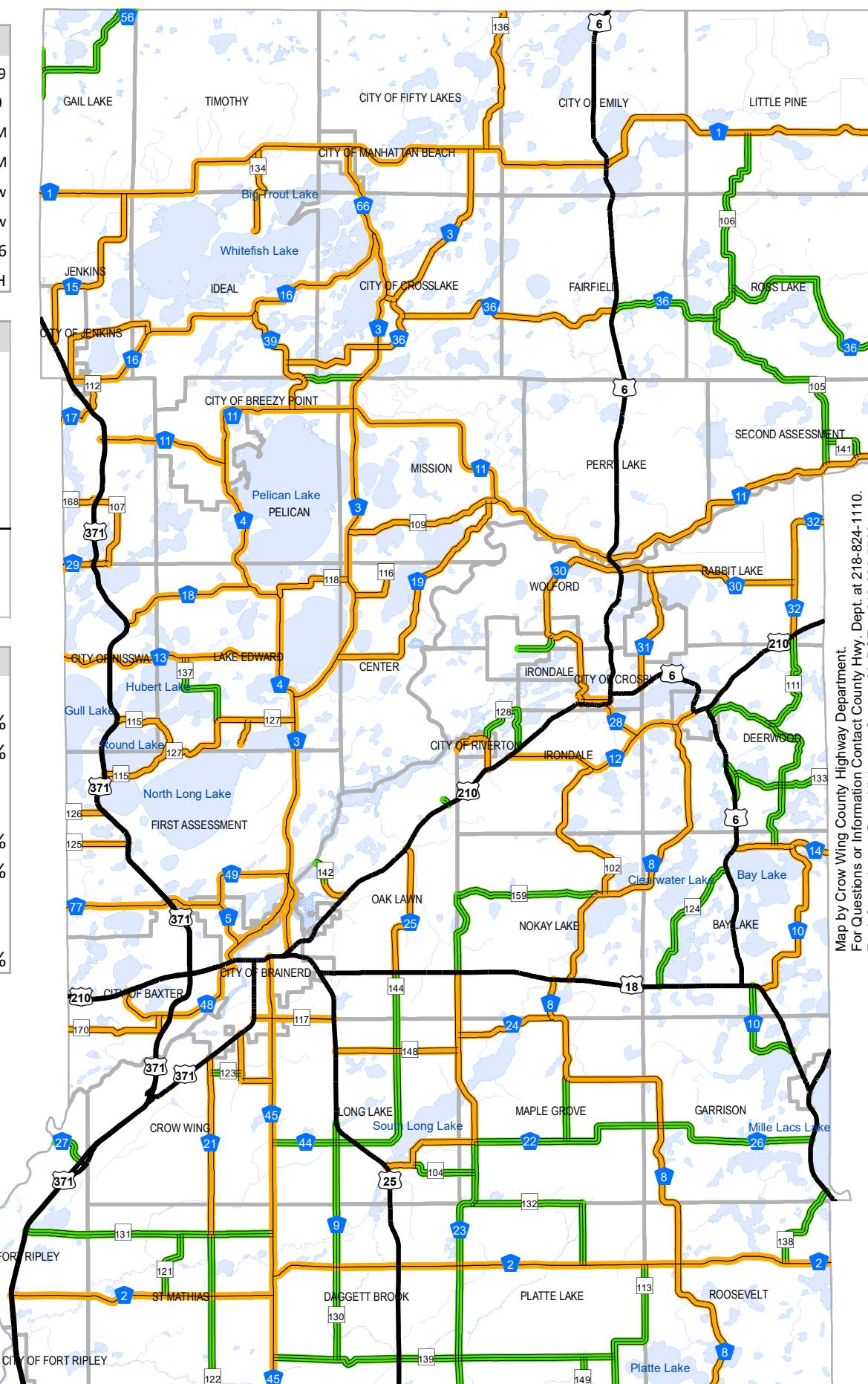
— MnDOT Highway

Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved



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.

2018/2019 Summary For Snow Event #7 - 2019

Date 2-7-19

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
8	\$680	148	\$5,032	1174	\$775	\$6,487	\$30,125	\$10,970.00	\$4,086

Total \$51,668

24.1 Crew Plow hrs.

434 Total Plow hrs.

\$2,143 per/hr.

\$92 per/CL/mile

Forecast

6"- 8" of snow forecasted to start falling at 6 PM 2/6/19 and continue until 7 PM 2/7/19 with 20-35 mph winds.

Pre Plan

Begin plowing at 4:00 a.m. on 2/7 and apply sand only to intersections where blowing snow will not affect it. We will plow as late into the evening as we can on 2/7 and then come back in at 5:00 a.m. on 2/8.

Actual Event

Event start: 2/6/2019 8:00PM

Event ended 2/7/19 6:00PM

Comments

Heavy continued snowfall throughout the day on 2/7/19. Strong winds causing drifting and depositing snow on the road. Falling temps caused freeze and black ice from exhaust.

Conditions

Strong winds and falling temps along with heavy continued snowfall all day made clearing the roads and keeping them clear a challenge.

Road	Road Temp	Date	Time	Air Temp
Hwy 6	20	2\6\19	3:30 PM	14
Hwy 371	15	2\6\19	8:00 PM	13
Hwy 371	14	2\7\19	8:00 AM	11
Hwy 6	5	2\7\19	8:00 PM	2
CR 142	-14	2\8\19	7:00 AM	-20
Hwy 371	-9	2\8\19	8:00 PM	-13

Date	High	Low
2/5/2019	6	-8
2/6/2019	15	6
2/7/2019	12	-6
2/8/2019	-2	-21
2/9/2019	2	-26

Summary

Roads cleaned up okay but refroze almost right away with the falling temps. Blowing snow and cold temps helped roads clean up well in open areas but drifting and areas of slowing moving traffic compacted snow to pavement, most noticeably at intersections and through towns. Below zero temps did not allow for salt application. Light dusting of blowing snow aided in traction and although there was a thin layer of ice, it was not slippery at first, but was 24 hours later.

Decisions Made

Plow, turn around and plow again multiple times on 2/7 worked well.

Lessons Learned

Cold temps and dudilegence helped roads clean up okay at first but the dropping temps caused refreezing.

Goals Met/Not Met

Plowing	Goals
Priority 1	Met
Priority 2	Met
Priority 3	Met

Bare wheel paths	Goals
Priority 1	Not Met
Priority 2	Not Met