

# CROW WING COUNTY

## February 6, 2019 Snow Event #6 - 2019



### Reported Event Conditions

Date:	2/6/2019
Event No:	#6-2019
Begin Time:	2/5/19 8PM
End Time:	2/6/19 2AM
Weather:	Snow
Precipitation:	1" snow
Temperature:	18/-8
Wind:	5 MPH

### Event Costs

Salt	\$11,348
Sand	\$0
Brine	\$1,032
Equipment/Fuel	\$9,373
Personnel Reg.	\$3,638
Personnel OT	\$1,250
<b>Total</b>	<b>\$26,641</b>
Cost Mile	\$48
Season Total:	\$536,874

### Priority By Route

#### Priority 1

% Target 1A Met:	99%
% Target 1B Met:	100%

#### Priority 2

% Target 2A Met:	100%
% Target 2B Met:	100%

#### Priority 3

% Target 3A Met:	100%
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### Legend

MnDOT Highway

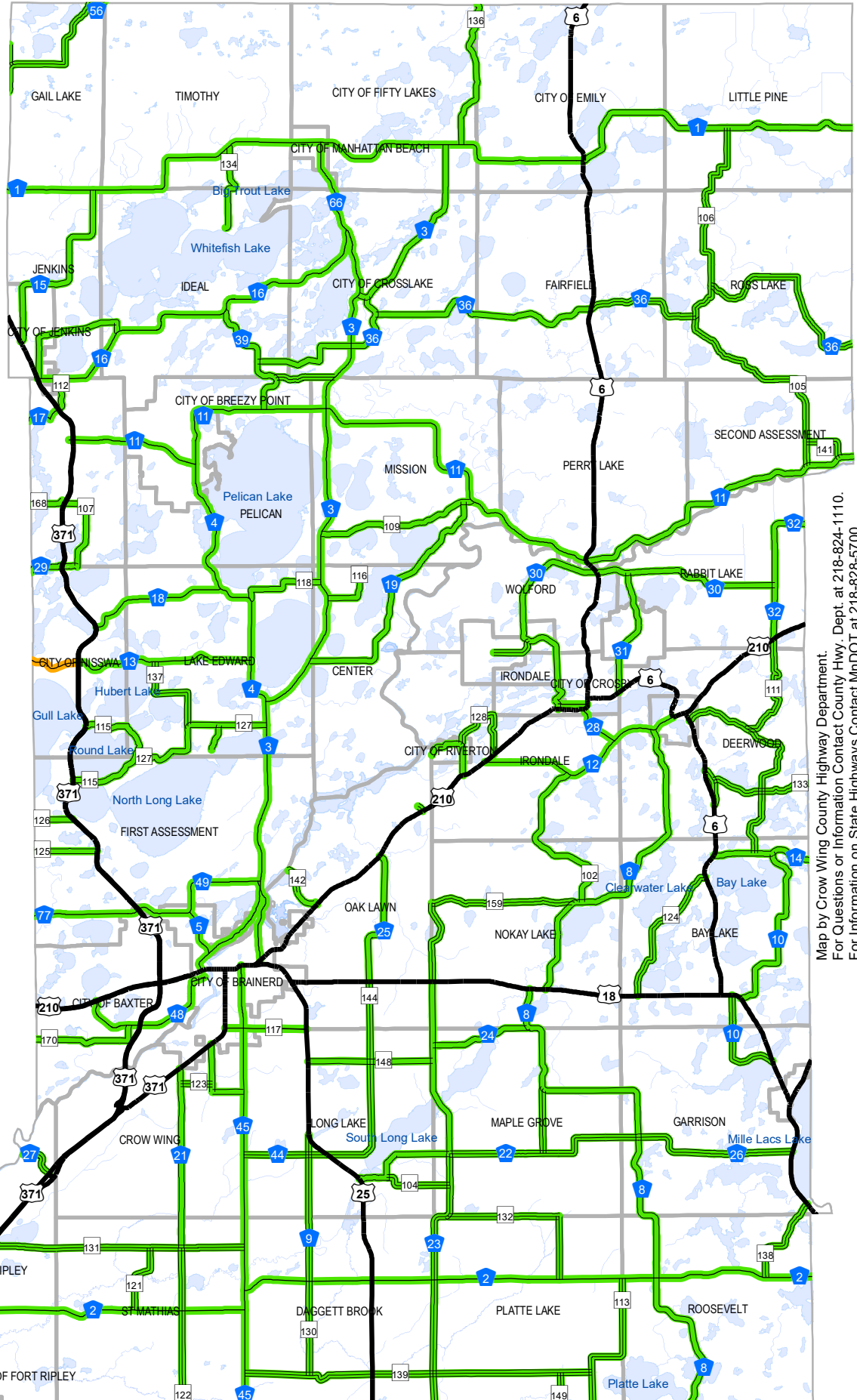
#### Route Priority

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

#### Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 2/7/2019



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 #6 - 2019

Date 2/5/19

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
133.5	\$11,348	0	\$0	1564	\$1,032	\$12,380	\$9,373	\$3,638.00	\$1,250

**Total** \$26,641

7 Plow hrs.  
141 Man hrs.

\$3,806 per/hr.  
\$48 per/CL/mile

## Forecast

1.5" of snow expected to begin falling at 7 PM on 2/5/19 and end at 3 AM on 2/6. 5 mph winds.

## Pre Plan

Begin plowing at 4 AM. Apply treated salt at 450 lbs. on centerlines.

## Actual Event

**Event start:** 2/5/2019 8:00PM

**Event ended** 2/6/2019 2:00AM

## Comments

Light snow about 1" fell overnight on 2/5/19.

## Conditions

Light winds and temps in the teens helped the roads clean up well.

Road	Road Temp	Date	Time	Air Temp
Hwy 6	18	4/6/19	4:00 PM	13
Hwy 371	20	4/6/19	4:00 PM	16
Hwy 371	9	4/5/19	9:00 PM	6
Hwy 6	8	4/5/19	9:00 PM	4
Hwy 6	9	4/6/19	6:00 AM	8

Date	High	Low
2/4/2019	20	-4
2/5/2019	6	-8
2/6/2019	18	8
2/7/2019	10	-15

## Summary

Warmer road temps during the day allowed substantial melting for our roads to meet our goals. We were minutes off our plowing goal because the event ended 4 hours earlier than forecasted.

## Decisions Made

Start plowing at 4:00 AM 2/6 and apply treated salt at 500 lbs. on centerlines.

## Lessons Learned

Start time, road temps and material worked well and we met our wheel path goals by early afternoon on all roads.

## Goals Met/Not Met

	Plowing	Goals
Priority 1	97%	6 hr.
Priority 2	100%	12 hr.
Priority 3	100%	18 hr.

	Bare wheel paths	Goals
Priority 1	100%	18 Hr.
Priority 2	100%	48 hr.