

CROW WING COUNTY

Dec.4, 2016 Snow Event #3 2016-10

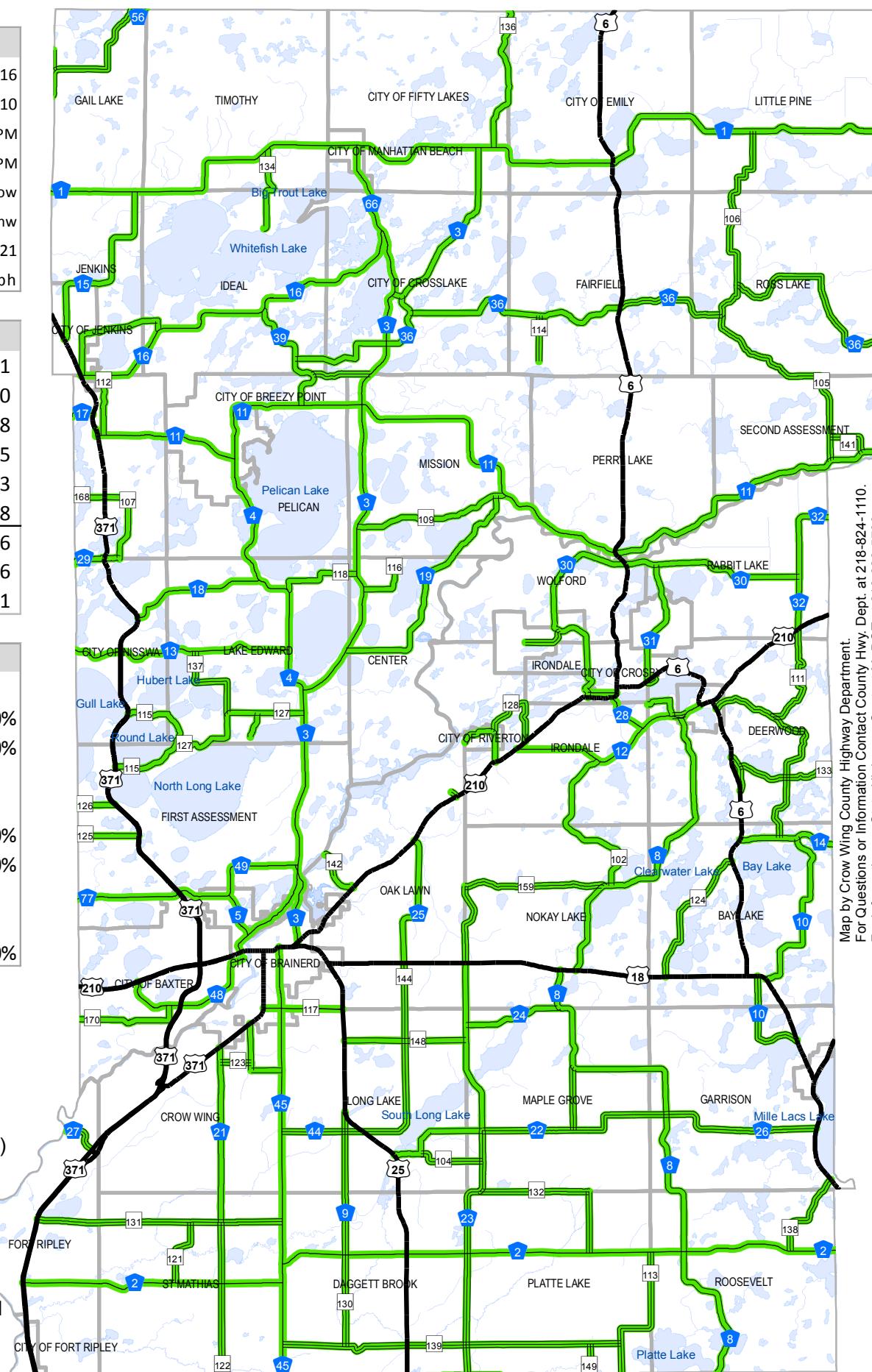


Reported Event Conditions	
Date:	12/6/2016
Event No:	#3 2016-10
Begin Time:	12/3/16 9PM
End Time:	12/4/16 4PM
Weather:	Rain/Snow
Precipitation:	.1"Rn/2"snw
Temperature:	34\21
Wind:	5-10 mph

Event Costs	
Salt	\$8,641
Sand	\$0
Brine	\$828
Equipment/Fuel	\$6,665
Personnel Reg.	\$1,213
Personnel OT	\$2,668
Total	\$20,016
Cost Mile	\$36
Season Total:	\$188,841

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%

Legend	
—	MnDOT Highway
Route Priority	
—	1 (ADT>5000)
—	2 (500>ADT<500)
—	3 (ADT<500)
Route Target	
—	Target Achieved
—	Target Not Achieved



2016/2017 Summary For Snow Event #3 2016-10

Date 12/4/16

Salt Cyds	Salt \$	Sand Cyds	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
97.5	\$8,641	0	\$0	1255	\$828	\$9,470	\$6,665	\$1,213.00	\$2,668

Total \$20,016

Total \$20,016 7 hrs = \$2,859 per/hr 86.5 man hours
\$36 per/CL/Mile

Forecast

Rain and less than an inch of snow for 12/4. Light winds
Temps in 30s. Road temps were to be above freezing Sunday morning.
At 12 A.M. 12/4 snowfall prediction jumped to 2" by 2 P.M. 12/4

Pre Plan

Watch the snowfall and how the roads react to the precip.
At 4:30 A.M. 12/4 decided to call plows in to start at 7 A.M. 12/4.
400 lbs on centerline and intersections

Comments

The temps stayed cooler and at midnight on 12/3 the snowfall prediction jumped up to 2" by 1 P.M. 12/4.
The roads started to ice up and pack down by traffic at 5 A.M. 12/4.
The road temps started to get above freezing at 9 A.M. 12/4. The roads cleaned up well.

Conditions

Snow and rain mix starting at 9:30 P.M. 12/3.
Rain and snow continued through the day on 12/4 until 4 P.M.
Warmer temps on 12/4 helped the roads melt off quickly.

Road	RDTemp	Date/Time		Air Temp
12	33	12\4\16	12 P.M.	32

Date	High	Low
12/3/2016	29	25
12/4/2016	34	24
12/5/2016	34	21

Summary

Warmer temps helped the roads slush off and the salt melted the ice quickly.
Most roads only needed the drivelines plowed and the shoulders melted off naturally.

Decisions Made

400 lbs of salt on centerline kept working and melting the snow that fell throughout the day.
Starting to plow at 7 was necessary due to the ice that started to form.
Concentrated on plowing just the drivelines and plowing shoulders only where they wouldn't melt off.

Lessons Learned

400 lbs on centerline and going out at 7 A.M. worked well.

Goals Met/Not Met

Plowing

Priority 1 Met
Priority 2 Met
Priority 3 Met

Bare wheel paths

Priority 1 Met
Priority 2 Met