

CROW WING COUNTY

Dec. 5-8, 2016 Snow Event #4 2016-11

Reported Event Conditions

Date: 12/5-12/8/16
Event No: #4 2016-11
Begin Time: 12/5/16 3PM
End Time: 12/8/16 6PM
Weather: Rain/Snow
Precipitation: .1"Rn/4"snow
Temperature: 36\5-
Wind: 15-30 mph

Event Costs

Salt	\$29,511
Sand	\$470
Brine	\$5,202
Equipment/Fuel	\$25,555
Personnel Reg.	\$11,295
Personnel OT	\$605
<hr/>	
Total	\$72,638
Cost Mile	\$130
Season Total:	\$261,479

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

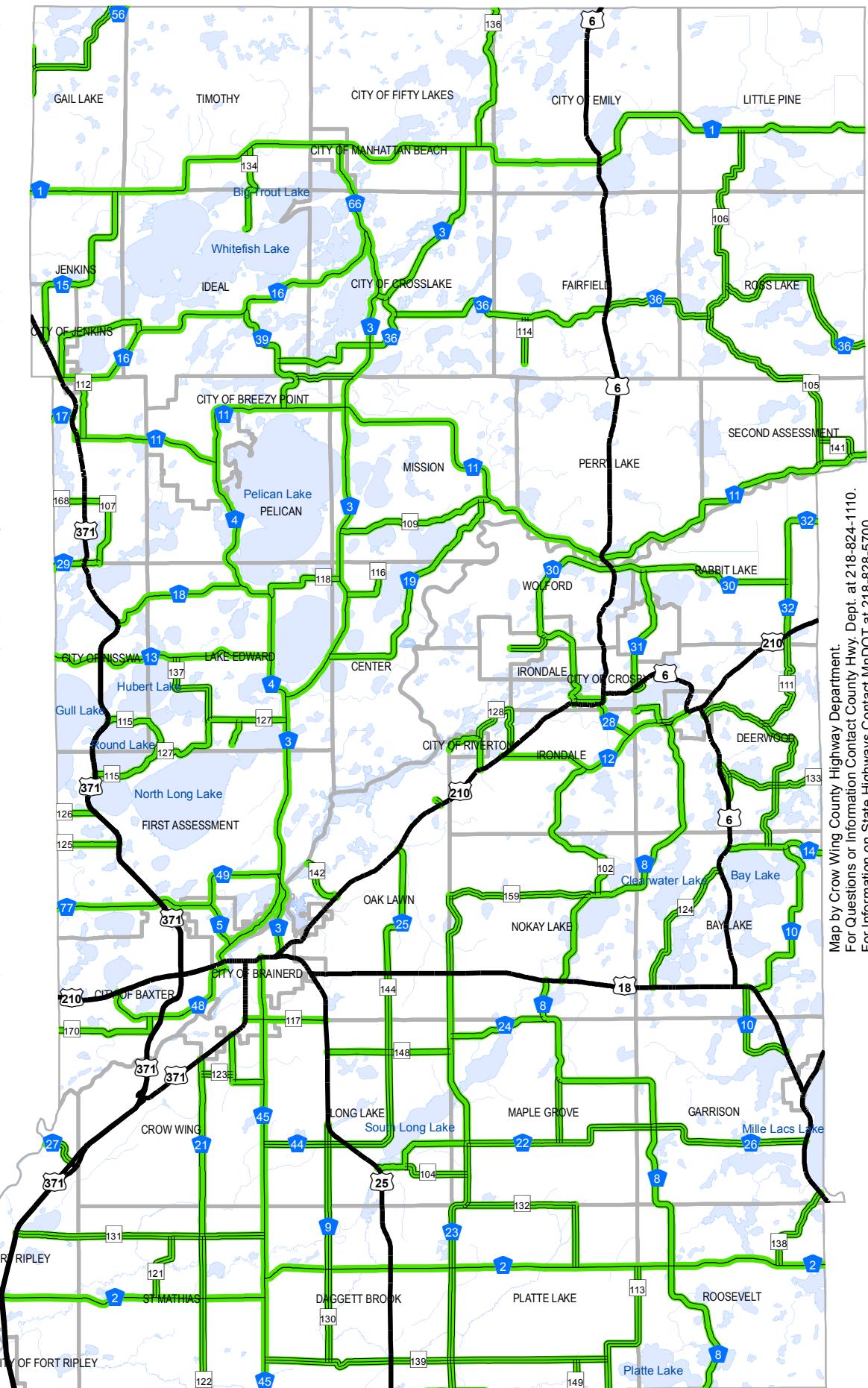
Route Priority

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

Route Target

- Target Achieved
- Target Not Achieved

Report Date: 12/9/2016



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.

Most roads melted off in the south on 12/5. North roads had center and shoulder ribbons and spartic ice in wheel paths. Almost all roads had bare wheel paths the morning of 12/6.

Went out to scrape and check roads on 12/6, 12/7 & 12/8. Strong winds helped dry most open areas.

Minimal drifting took place.

Plows were out at 5 A.M. 12/6, 12/7 & 12/8.

Decisions Made

We waited to plow on 12/5 until 12/6 in anticipation of more snow on 12/6 falling later so we had coverage throughout the day. The snow was slushy underneith and with rain in the forecast the decision was made to leave the snow so it would soak up the rain and we wouldn't have black ice.

On 12/6 started with 300-400 lbs and late morning the salt slowed down and started to refreeze. Reapplied at 600 lbs to get the material working better.

Applied material to icy areas on 12/7. The material continued to work throughout the night into the morning on 12/8 at a rate of 600-800 lbs.

Lessons Learned

Apply higher rates earlier when the pavement temps are forecasted to be lower.

Goals Met/Not Met

Plowing	Bare wheel paths
Priority 1 Met	Priority 1 Met
Priority 2 Met	Priority 2 Met
Priority 3 Met	