CROW WING COUNTY
May 1, 2017 Snow Event #16 2017-9

Reported Event Conditions	
Date:	5/1/2017
Event No:	#16 2017-9
Begin Time:	5-1-17 1 A.M.
End Time:	5-2-17 11 P.M.
Weather:	Rain/Snow
Precipitation:	.75"-2" Snow
Temperature:	41\32
Wind:	15-25 MPH

Event Costs	
Salt	$1,096
Sand	$0
Brine	$0
Equipment/Fuel	$1,096
Personnel Reg.	$2,116
Personnel OT	$0
Total	$7,732
Cost Mile	$14
Season Total:	1.21M

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<5000)

3 (ADT<500)

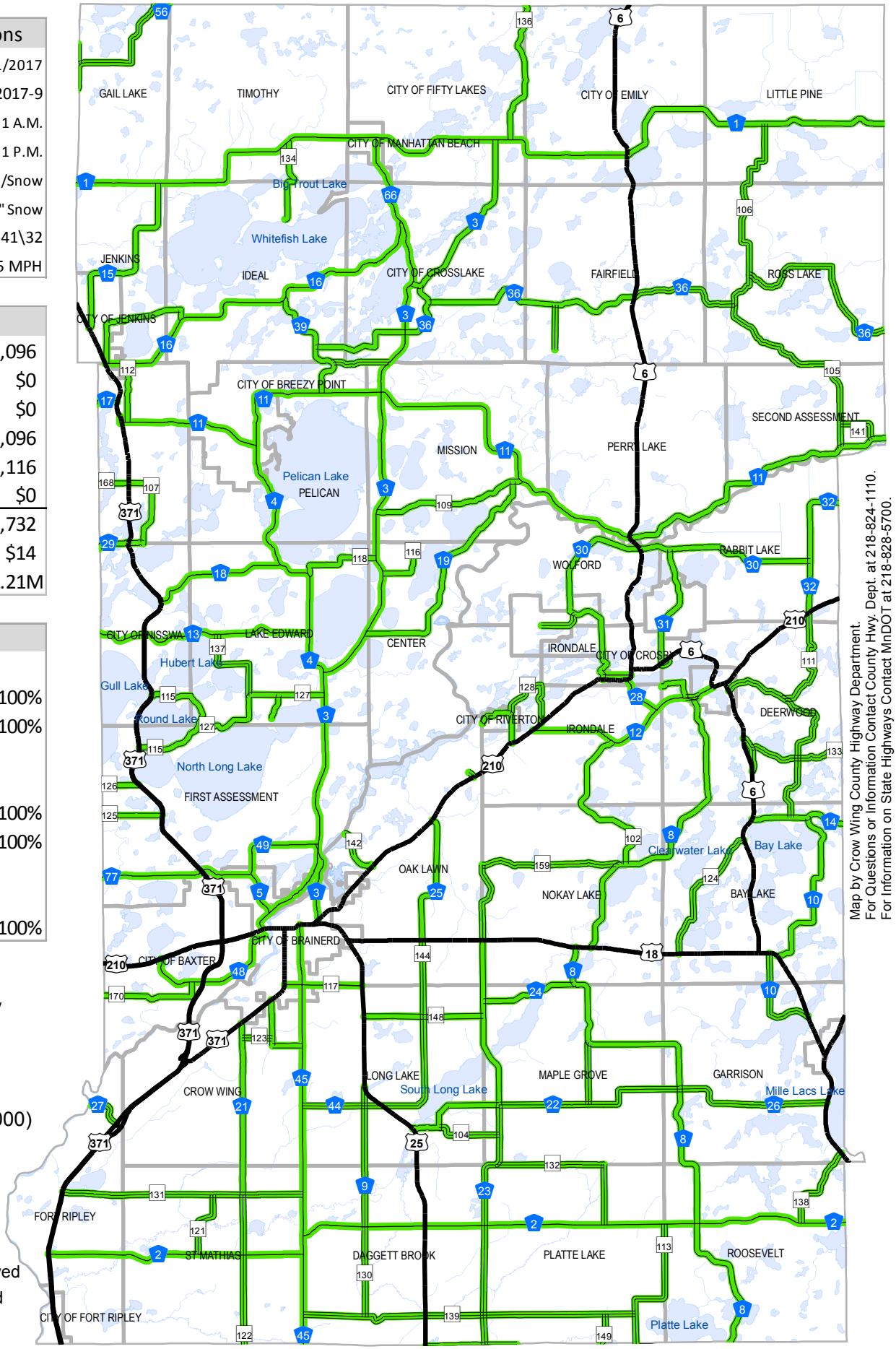
Route Target

Target Achieved

Target Partly Achieved

Target Not Achieved

Report Date: 5/2/2017



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.

2016/2017 Summary For Snow Event #16 2017-9

Date 5-1-17

Salt Tons	Salt $	Sand Tons	Sand $	Brine gal	Brine $	Mat. Total	Equip $	Reg. Personnel	OT $
12.5	$1,096	0	$0	0	$0	$1,096	$4,520	$2,116.00	$0

Total $7,732

Total $7,732 4 hrs = $1,933 per/hr 62 man hours
$14 per/CL/Mile

Forecast

Rain starting at 10 p.m. on 4-30 changing over to snow. 2-4" of snow between midnight and noon on 5-1-17.
Strong winds at 15-25 mph. Rapid rates of snowfall early to late morning.

Pre Plan

Have the the operators report at 5 a.m. to assess their routes and plow and treat roads as necessary.
Apply 200 lbs. of salt at critical areas only because the pavement temps would be at or above freezing.

Comments

Snow started to stick to the roads around 5:30 in the SE corner of the county and at 6:30 for the rest of the county.
Heavy snowfall in the early morning hours, causing near whiteout conditions.

Conditions

Heavy snow and rain fell through the morning, switching to all rain at 4 p.m.
Winds gusty.
After the snow was plowed off the roads were able to melt on their own.

Road	RDTemp	Date/Time		Air Temp
2	34	5/1/2017	4AM	33

Date	High	Low
4/30/2017	52	37
5/1/2017	41	32
5/2/2017	60	38

Summery

Roads cleaned up well with just plowing. Minimal salt use was needed. All trucks completed plowing by 1 pm.

Decisions Made

Start plowing at 5 a.m.
Use 200 lbs of salt only where needed.

Lessons Learned

Stricktly plowing the snow off and using minimal salt waorked well

Goals Met/Not Met

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