# CROW WING COUNTY February 25, 2018 Snow Event #16 2018-6



# Reported Event Conditions

Date: 2/24/-2/25/18
Event No: #16 2018-6
Begin Time: 2-24-18 4:00PM

End Time: 2-25-18 1:30AM

Weather: Snow Precipitation: 5"Snow

Temperature: 32 - 5

Wind: 5-20 MPH

### **Event Costs**

\$8,601 Salt Sand \$111 \$1,178 Brine Equipment/Fuel \$19,110 Personnel Reg. \$53,196 Personnel OT \$4,940 Total \$39,256 \$70 Cost Mile

\$624,925

# Priority By Route

Season Total:

### **Priority 1**

**Priority 2** 

% Target 1A Met: 98% % Target 1B Met: 100%

% 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)

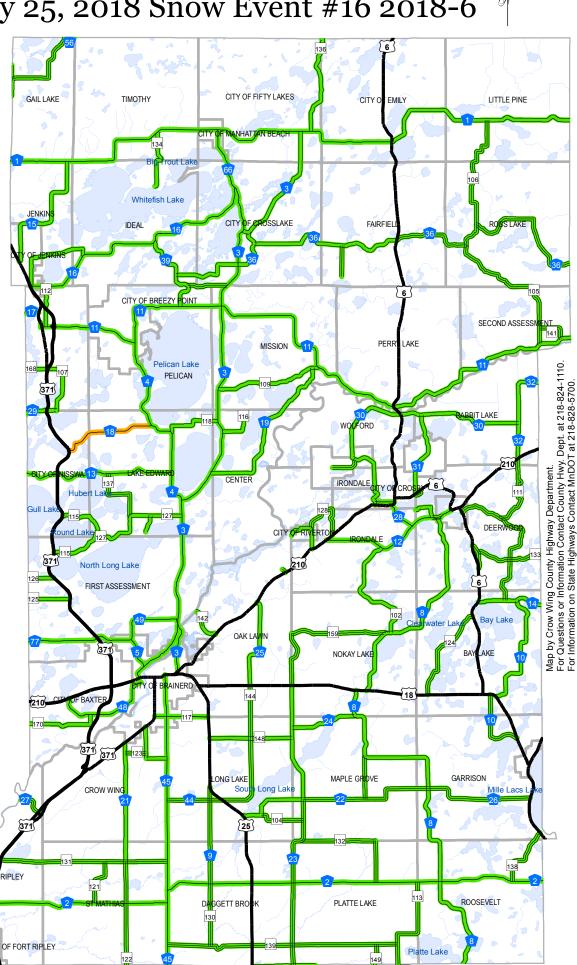
FOR

3 (ADT<500)

## **Route Target**

Target Achieved
Target Partly Achieved
Target Not Achieved

Report Date: 2/27/2018



# 2017/2018 Summary For Snow #16 2018-6

# Date 2-25-18

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT\$
141	\$8,601	3.25	\$111	1785	\$1,178	\$9,890	\$19,110	\$5,316.00	\$4,940

Total \$39,256

**Total** \$39,256 16 hrs = \$2,453 per/hr 269.5 man hours

\$70 per/CL/Mile

### **Forecast**

Snow forecasted to begin falling at 3:00 p.m. 2-24-18 and end at 3:00 a.m. on 2-25-18. 5" of snow expected. Winds 5-20 mph. Road temps in the mid 20's.

### Pre Plan

Start plowing at 1:00 a.m. on 2-25-18 because of the snow amount and the event ending at 2 a.m. 2/25. Apply 450 lbs of treated and regular salt to centerlines to keep them melting until the sun comes up and. traffic starts to work it around.

### **Comments**

Event started at 4:00 p.m. 2-24-18.

Event ended at 1:30 a.m. 2-25-18.

Around 5" of snow. It was still snowing by Emily when the trucks began plowing.

Started plowing at 1:00 a.m. 2-25-18.

### **Conditions**

Temps around 20 degrees with gusty winds when the plows were out. Stong winds caused drifting in some areas open to the south and west Roads cleaned up well and we achved

Road	RDTemp	Date	Air Temp	
Cr 33	22	2\25\18	1:00 A.M.	22
Hwy 6	30	2\25\18	4:00 P.M.	27
Hwy 25	33	2\24\18	11:00 A.M.	22
Hwy 6	21	2\24\18	11:00 P.M.	19
Hwv 25	23	2\25/18	11:00 A.M.	22

Date	High	Low	
2/23/2018	32	5	
2/24/2018	27	-13	
2/25/2018	21	19	
2/26/2018	30	9	

### <u>Summery</u>

Roads scraped down to pavement nicely.

Salt began working immediately.

Cr 18 was not plowed until 8 am. The goal was 7:30 A.M. This was because we were one driver short.

### **Decisions Made**

Start at 1 a.m. because it looked like the event would be over sooner than forecasted.

Apply 450 lbs of treated and regular salt to ensure melting by morning.

### **Lessons Learned**

Salt worked well.

Starting at 1:00 A.M. was the right decision because it stopped snowing at 1:30 A.M.

### **Goals Met/Not Met**

Plowing Bare wheel paths

Priority 1 Not met
Priority 2 Met
Priority 3 Met

Priority 1 Met Priority 2 Met