

CROW WING COUNTY

December 27, 2019 Snow Event #24 - 2019 - 10



Reported Event Conditions

| | |
|----------------|--------------|
| Date: | 12/27/2019 |
| Event No: | #24 2019 10 |
| Begin Time: | 12/25/19 4PM |
| End Time: | 12/27/19 9AM |
| Weather: | Snow |
| Precipitation: | 2" |
| Temperature: | 33\18 |
| Wind: | 0-5 MPH |

Event Costs

| | |
|----------------|-----------------|
| Salt | \$13,923 |
| Sand | \$0 |
| Brine | \$1,390 |
| Equipment/Fuel | \$14,620 |
| Personnel Reg. | \$5,464 |
| Personnel OT | \$1,210 |
| Total | \$36,607 |
| Cost Mile | \$65 |
| Season Total: | \$434,941 |

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

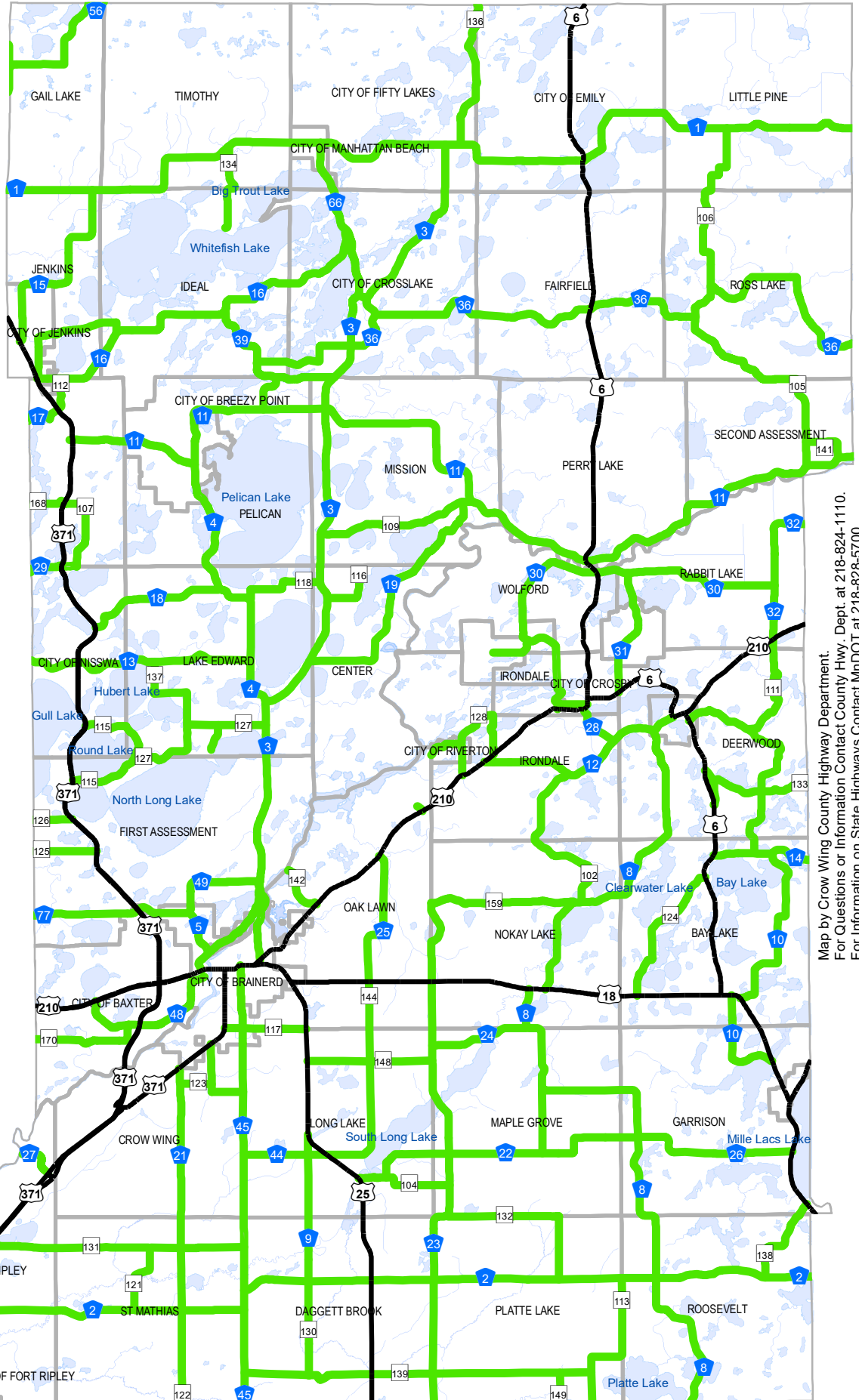
Route Priority

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

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 1/2/2020



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.

2019/2020 Summary For Snow Event #24 - 2019 - 10

Date 12-27-19

| Salt Tons | Salt \$ | Sand Tons | Sand \$ | Brine gal | Brine \$ | Mat. Total | Equip \$ | Reg. Personnel | OT \$ |
|-----------|----------|-----------|---------|-----------|----------|------------|----------|----------------|---------|
| 153 | \$13,923 | 0 | \$0 | 2106 | \$1,390 | \$15,313 | \$14,620 | \$5,464.00 | \$1,210 |

Total \$36,607 16 Plow hrs. \$2,288 per/hr.
207 Man hrs. \$65 per/CL/mile
\$1.38 per/household for entire County

Forecast

Start snowing at 4 p.m. 12-25 and continue off and on until 9 a.m. 12-26.

Pre Plan

Start plowing at 4 a.m. 12-26 and apply salt to keep the snow soft as it continues to fall. Start at 5 a.m. 12-27 and apply material to get the roads melting before the next snow event.

Actual Event

Event start: 12/25/2019 4PM

Event ended 12-27-19 9AM

Comments

Only plowed drive lanes because of continued snowfall and little amount of snow.

Conditions

Light snow on and off.

| Road | Road Temp | Date | Time | Air Temp |
|-------|-----------|----------|------|----------|
| CR 25 | 37 | 12/26/19 | 1pm | 32 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Date | High | Low |
|------------|------|-----|
| 12/24/2019 | 35 | 28 |
| 12/25/2019 | 33 | 31 |
| 12/26/2019 | 33 | 22 |
| 12/27/2019 | 29 | 18 |
| 12/28/2019 | 34 | 17 |

Source: weather.com. Monthly Weather. 56401

Summary

Roads cleaned up well. Road temps got above freezing on 12/26.

Decisions Made

Plow early and apply salt to keep the snow from compacting.

Lessons Learned

Plowing early and applying salt worked well.

Goals Met/Not Met

| | Plowing | Goals |
|------------|---------|--------|
| Priority 1 | Met | 6 hr. |
| Priority 2 | Met | 8 hr. |
| Priority 3 | Met | 10 hr. |

| | Bare wheel paths | Goals |
|------------|------------------|--------|
| Priority 1 | Met | 18 Hr. |
| Priority 2 | Met | 48 hr. |