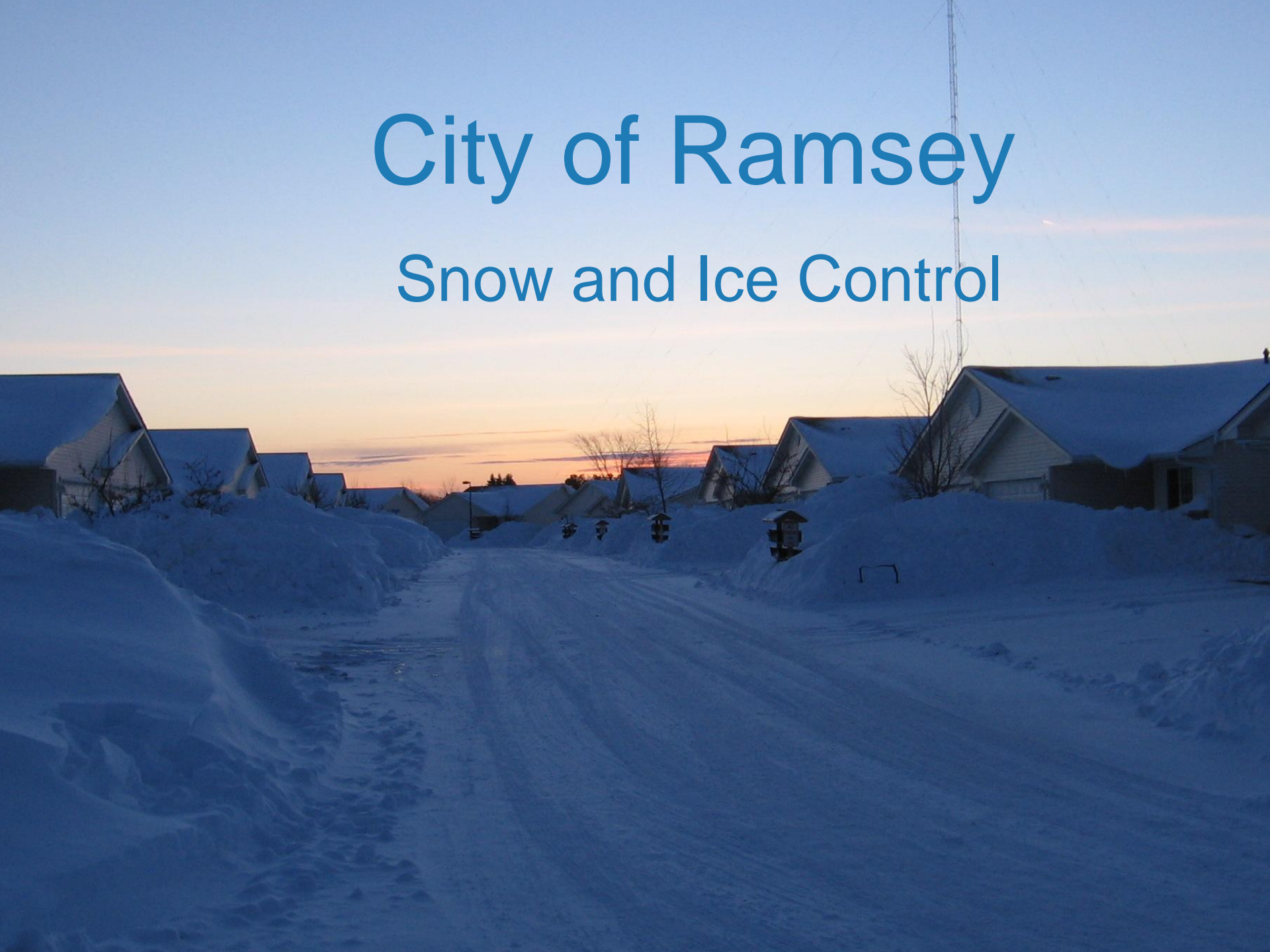


# City of Ramsey

## Snow and Ice Control



# Scale of Operation

- Public Works Staff is responsible for clearing:
  - Approximately 400 lane miles of roads
  - 253 Cul-de-sacs and short dead end streets
  - 39 Miles of sidewalks and trails
  - 2 Fire stations
  - Municipal Center parking lot and parking ramp
  - Miscellaneous parking lots
  - 4 Hockey rinks, 3 pleasure rinks and the skating path



# Snow Removal Routes

- 8 Heavy equipment routes
- 7 Cul-de-sac routes
- 1 Trail/sidewalk routes
- 5 Salting routes for minor events
- 3 Arterial routes (heavy snow)
- Parks and skating rinks (park department)

# Trail Clearing



# Misc. Facts for 2012-13 Snow Season

- 14 full scale plowing operations (12/9-4/19)
- 20 minor plowing operations
- Season snowfall total -59 inches (avg.-43.45 inches)
- Approx. 1300 tons of salt used
- Approx. 300 tons of sand used
- Used 62% of overall 2013 snow/ice control budget
- Used 81% of parts budget for plow equipment
- 30 mail boxes reported hit (2.1 per event avg.)

# Should We Start Plowing?



# How Does Public Works Determine When to Start Plowing?

- Private weather service forecast
- Internet weather sites
- Local weather forecasts
- Snow amount totals of 2" or more
- Pavement temperature
- Past experience
- Time of day
- Time of year



# Snowplowing FAQ's



# Who Do I Call if I Have a Comment or a Complaint About Plowing?

- Snow Plow Information Line 763.433.9852
- City Hall General Number 763-427-1410
- Public Works Superintendent 763-433-9863
- Ramsey Request and Response (New-located on City of Ramsey Website Main Page)

# How Long Does it Take to Plow the City Streets?

- 2"-4" snowfall (8-10 hours)
- 6"-10" snowfall (10-12 hours)
- 12" plus-??

# Why Didn't the Large Truck Plow our Cul-De-Sac When They Were Here?

- Safety (poor visibility to the rear)
- Maneuverability
- Time consuming



# Why Should I Stake the Curb/Blvd Near My Home?

- Wooden lath is supplied free of charge at Fall Recycling Day or at Public Works Garage
- Help the plow driver visualize the road
- Helps prevent sod damage
- **Do not use metal stakes! Dangerous to install and hazardous to motorists**

# How is Sod Damage Repaired?

- When boulevard turf is damaged by snow plowing, it will be repaired in like, meaning if sod was damaged it will be replaced with sod. In other areas high quality black dirt and grass seed will be used.

# Why Doesn't the City Repair My Irrigation System Damage?

- Private irrigation systems constructed in the public Right of Way are the responsibility of the homeowner to maintain and repair.

# The Plow Hit My Mailbox!



# City Of Ramsey Mail Box Replacement Policy

- If the damage was caused by direct contact with the plow:
- The city will install a temporary mailbox within 48 hours if needed or repair the existing mailbox
- The resident has the option of having the city replace the mail box with a standard 4x4 post and mail box in the spring or
- Request reimbursement for \$75.00 and repair it themselves

# What Does the City Use to Control Ice and Snow?



- Salt (\$68.50 per ton 2013)
- Sand/Salt (cold weather)
- Magnesium Chloride (liquid) applied to salt.
- We place our salt order in April. We must take at least 80% of our ordered amount and the supplier must guarantee 120% at the contract price will be available.

# Salt Storage Shed



# 2013-2014 Snow Season

- Salt cost at \$69.00-\$75.00 per ton.
- 2014 salt order placed in early April for 1200 tons
- AVL equipment will be installed in large plow equipment and sidewalk machine
- Resident calls for service will be tracked on the new CRM software

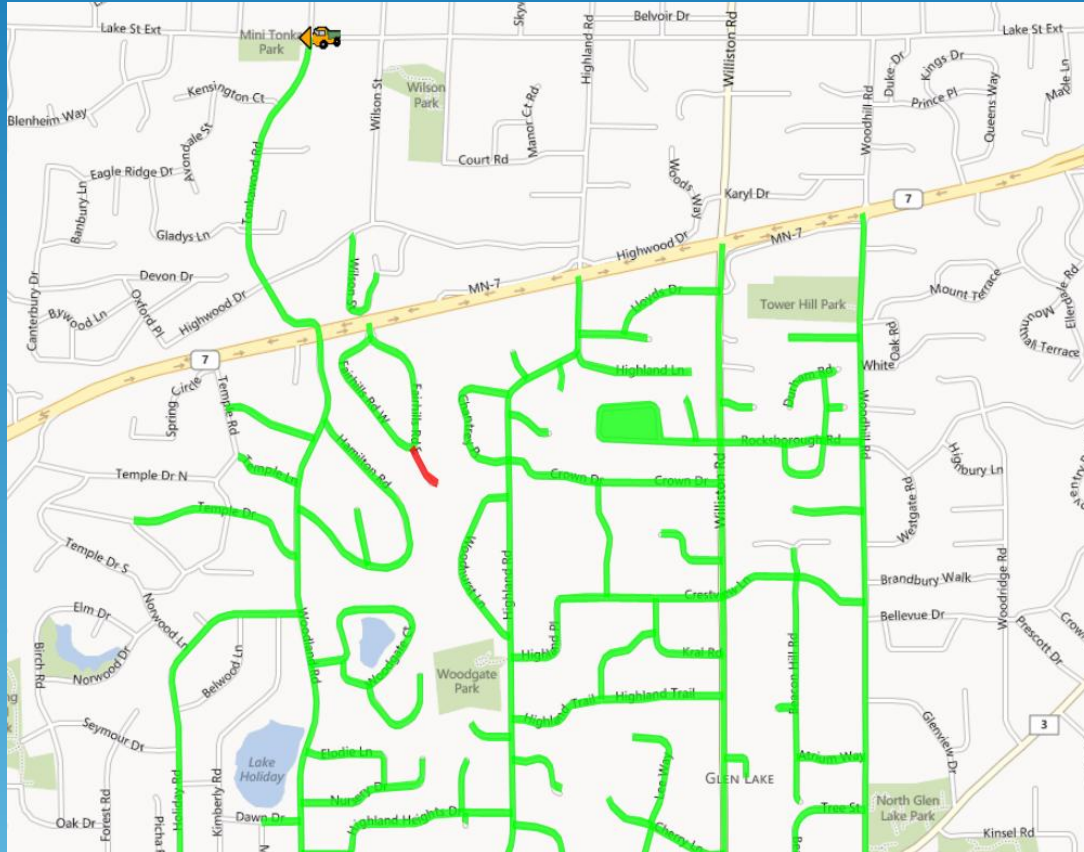
# AUTOMATIC VEHICLE LOCATOR AVL



The use of AVL software will give PW staff the ability to:

- Track location of equipment during the plowing event
- Track equipment usage in a specific area (Geofencing)
- Monitor salt use and collect data for environmental reports
- Ability to compare products to help with budget decisions
- Schedule maintenance events for equipment

# AVL Route Completion Map



# The Winter of 2012-2013



# Questions?

