LOMBARD OPERATIONS

TOM ELLIS, OPERATIONS SUPERINTENDENT, VILLAGE OF LOMBARD
VILLAGE OF LOMBARD, OPERATIONS

- SUPERINTENDENT
- 2- SUPERVISORS
- 2- CREW LEADERS
- 8- STREET
- 3- FORESTRY
- 1- TECHNICAL SERVICE
- 2- FACILITIES
VILLAGE OF LOMBARD, OPERATIONS

- 146 center lane miles
- 9 primary snow routes
- 34 snow removal units
- 20 additional employees available
9 ROUTE PLAN
VILLAGE OF LOMBARD, OPERATIONS

- Snow Plan
- Shift Implantation Plan
- Driver training
- Snow plan review with staff
VILLAGE OF LOMBARD, OPERATIONS

- Application Rates
  - Calibration of equipment
  - 150# - 300# salt per lane mile
  - 40 gal liquid per lane mile
- Pre-treat roadways
- Pre-wet salt
  - Brine
  - Calcium Chloride
Anti-Icing Application Decision Flowchart

1. Review/monitor weather forecast.
2. Is snow or frost predicted within the next three days? (Yes/No)
   - Yes: Is rain predicted before the snow? (Yes/No)
     - Yes: Do not apply anti-icing materials.
     - No: Is the pavement temperature 15 degrees or greater? (Yes/No)
       - Yes: Do not apply anti-icing materials.
       - No: Is the dewpoint at least 3 degrees below the air temperature? (Yes/No)
         - Yes: Is the relative humidity level 70% or less? (Yes/No)
           - Yes: Is the pavement dry? (Yes/No)
             - Yes: Are winds less than 15 miles per hour if loose snow is present? (Yes/No)
               - Yes: Does sufficient time exist for pavement to dry before the pavement temperature falls below 20 degrees? (Yes/No)
                 - Yes: Has a visual inspection or RWIS confirmed sufficient anti-icing material residue does not exist on the pavement? (Yes/No)
                   - Yes: Apply anti-icing material (brine or brine blend) at 40 gallons per lane mile.
                   - No: Do not apply anti-icing materials.
                 - No: Do not apply anti-icing materials.
               - No: Do not apply anti-icing materials.
             - No: Do not apply anti-icing materials.
           - No: Do not apply anti-icing materials.
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- www.villageoflombard/336/snow-plowing
- Social media- Facebook, Instagram
  - Plowing post
  - Storm updates
- Public Works Citizens Academy
  - Snow operations information
  - Snow plowing demo rides
- Questions??