

# SNOW REMOVAL PLAN



1. INTRODUCTION

The City of Grandview Public Works Department is responsible for control of ice and snow on City streets. Reasonable ice and snow control is necessary for routine travel and emergency services. The City will provide such control in a safe and cost effective manner, keeping in mind safety, budget, personnel and environmental concerns. The City will use City employees, equipment and/or private contractors to provide the service.

2. WHEN WILL THE CITY START SNOW AND/OR ICE CONTROL OPERATIONS?

- 1) The Public Works Director or his designee will decide when to begin ice and/or snow control operations using the following criteria based on public safety:

ICE CONTROL AND SANDING

- A. Police Department Advice.
- B. Icy conditions which seriously affect travel.
- C. Freezing rain or snow, etc.
- D. Ice control operations (sanding) will commence when and where icy conditions occur, which affect vehicle and/or pedestrian traffic or when there is freezing rain or snow. Priority shall be given according to section 9.

SANDING MATERIALS FOR ICE CONTROL

- A. Sand
- B. Chip-rock
- C. Salt
- D. Calcium chloride

SNOW AND ICE CONTROL FOR SIDEWALKS

- A. Monitor the weather conditions daily to determine when to pre-treat the sidewalks in the downtown core with Snow and Ice Melt.
- B. Once the snow fall has stopped we will remove the snow from the sidewalks.

SNOW PLOWING AND REMOVAL

- A. Police Department Advice.
- B. Snow fall and accumulation.
- C. Drifting of snow that causes problems for travel.
- D. Time of snowfall in relationship to heavy use of streets.

- 2) Snow and ice control operations are expensive and involve the use of limited personnel and equipment. Consequently, snow plowing operations will not generally be conducted for snowfall of less than three inches. When snow accumulation reaches approximately three inches or more snow removal operations will begin on arterial streets based on the public safety criteria and based upon snow fall accumulation, drifting of snow that causes problems for travel, time of snowfall in relationship to heavy use of streets, and the weather forecast. Each year in the month of October, the snow and ice control operations plan is discussed with the Public Works staff. A safety film is presented, by the Department of Transportation's mobile library, to our crew to insure a safe snow and ice control season.

Residential areas, with the exception of those through which access to schools or public facilities is required, will not be plowed until there has been an accumulation of over 8" or it has been deemed a public safety issue by the Public Works Director based on snow accumulation, ice build-up, temperature, weather forecast and the amount of vehicle/pedestrian traffic.

3. EQUIPMENT USED FOR ICE CONTROL AND SANDING

- |   |      |
|---|------|
| A. 580 Case Super K Backhoe                 | #359 |
| B. 580 Case Backhoe                         | #380 |
| C. 2008 Sterling Dump Truck – Sander        | #302 |
| D. 2008 Ford F450 Flatbed – Deicer & Sander | #314 |
| E. 2012 Ford F450 - Flatbed Deicer          | #317 |

4. EQUIPMENT USED FOR SNOW REMOVAL

- |                                  |            |
|----------------------------------|------------|
| A. 580 Case Backhoe              | #380       |
| B. 2000 International Dump Truck | #383       |
| C. Ford 1-Tons                   | #335 & 358 |
| D. Front End Loader              | #364       |

5. EQUIPMENT USED FOR SNOW PLOWING

- |                             |      |
|-----------------------------|------|
| A. John Deere Road Grader   | #323 |
| B. 580 Case Super K Backhoe | #359 |
| C. 2008 Ford F450 Flatbed   | #314 |
| D. 2012 Ford F450 Flatbed   | #317 |

6. EQUIPMENT USED ON SIDEWALKS FOR ICE AND SNOW REMOVAL

- |                                 |  |
|---------------------------------|--|
| A. Mule – Equipped with Deicer. |  |
|---------------------------------|--|

7. HOW SNOW WILL BE PLOWED

Snow will be plowed in a manner that will minimize any traffic obstructions. On arterial streets snow is plowed from curb to curb and wind-rowed to the center of the street, where possible; all intersections are opened to allow traffic to proceed through.

Residential streets having curb and gutter will have snow wind-rowed to the center.

Snow will be plowed to the sides in areas where there is no curb/gutter and where residential driveways will not be blocked. Parked vehicles that inhibit snow clearing operations will be removed, if not voluntarily moved by the owners.

8. SNOW REMOVAL

The Public Works Director will determine when snow will be removed by truck; the decision to commence snow removal operations is based on public safety, current conditions and weather forecast. Snow removal will occur in areas where there is not enough room on the street for snow storage and in areas where accumulated piles of snow create a hazardous condition. Any large piles located at intersections or large driveways will be removed prior to removing snow that has been wind-rowed to the center of the streets. Snow removal operations will commence when snow plowing operations have been completed. Snow will be stored in designated areas.

9. STREET SANDING PRIORITY ORDER

The City will use sand, chip rock, salt and/or chemicals when there are hazardous and slippery ice conditions. All major intersections and access streets to schools and churches are sanded; streets in front of schools are sanded entirely. Wine Country Road is sanded from West City limits to East City limits.

- A. Division Street from Main to Fifth.
- B. Second Street from Cedar to Avenue E.
- C. Wine Country Road from City limits to City limits.
- D. Euclid Road from Wine Country Road south to City limits.
- E. West Fifth Street from Division to Appleway.
- F. Higgins Way from Wine Country Road to Bethany.
- G. Stover from Wine Country Road east to Woodall.
- H. Woodall from E. Stover to north City limits.

10. SNOW STORAGE AREAS

Snow will be hauled and stored at the following locations:

- A. New Cemetery (South of City Shop)
- B. Eastside Park
- C. Westside Park parking lot
- D. Dykstra Park parking lot (both)
- E. Port District
- F. Empty lot north of City Hall

11. PRIORITIES AND SCHEDULE FOR WHICH STREETS WILL BE PLOWED AND SNOW REMOVED

The City has classified City streets based on the street function, traffic volume and importance to the welfare of the community. Those streets classified as "snow plow - snow removal and sanding routes". Street priorities for snow plowing and snow removal are as follows:

- A. Division Street from Wine Country Rd to Fifth Street.
- B. Second Street from Cedar to Avenue E.
- C. Wine Country Road from City limits to City limits.
- D. Major and minor arterial, collectors, school and church access streets.
- E. All side streets in City limits.

12. WORK SCHEDULES

Work schedules and shift changes will be done in accordance with the union contract.

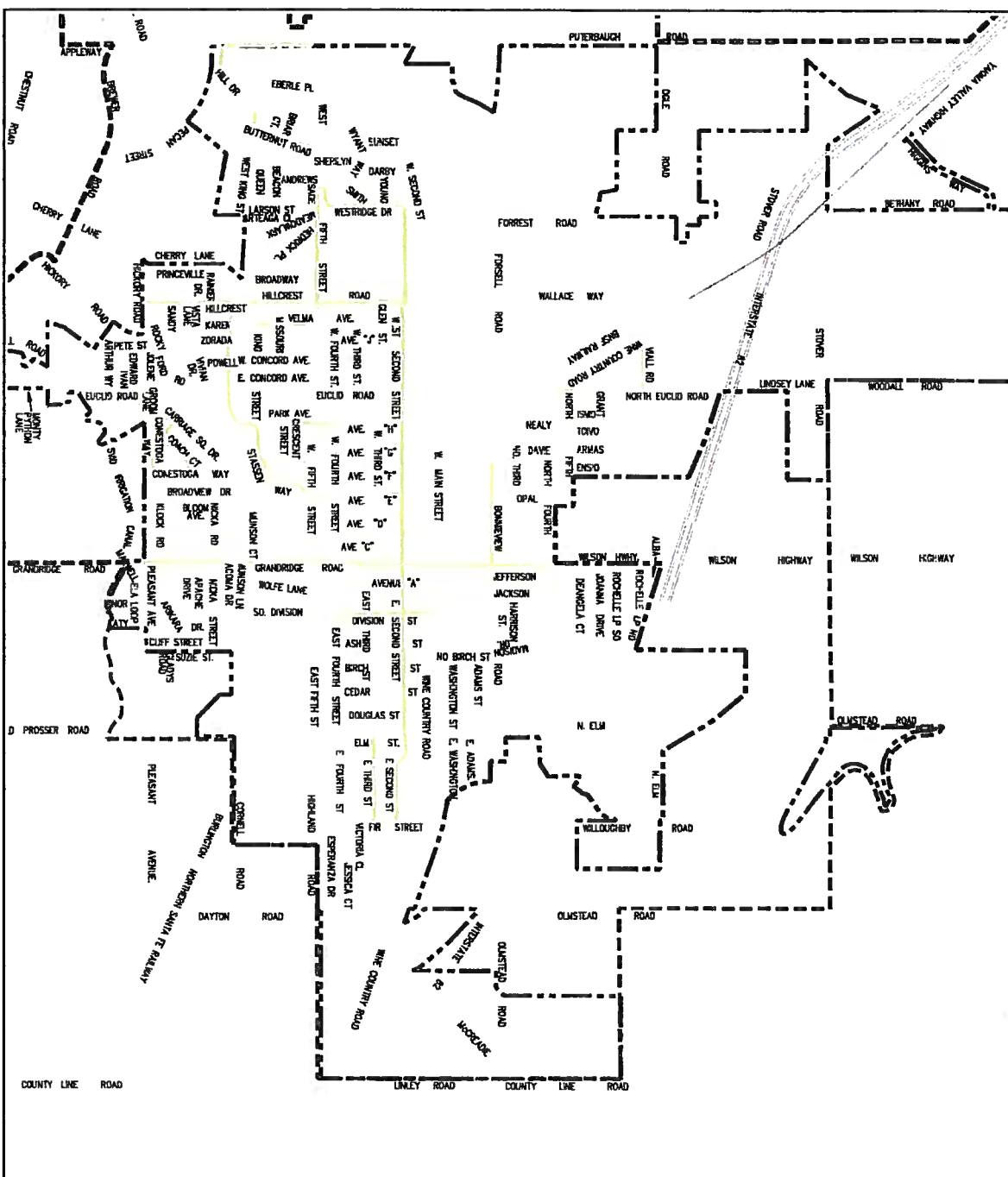
13. WEATHER CONDITIONS

Snow and ice control operations will not be conducted when weather conditions endanger public safety, City employees or the equipment.

14. MAPS

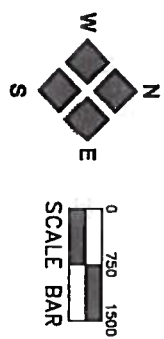
Map No. 1 - Priority streets to be sanded are highlighted in green.  
Map No. 2 - Priority streets for snow removal are highlighted in yellow.

# STREET SANDING ROUTE - SMALL SANDER



## CITY OF GRANDVIEW

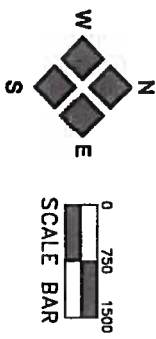
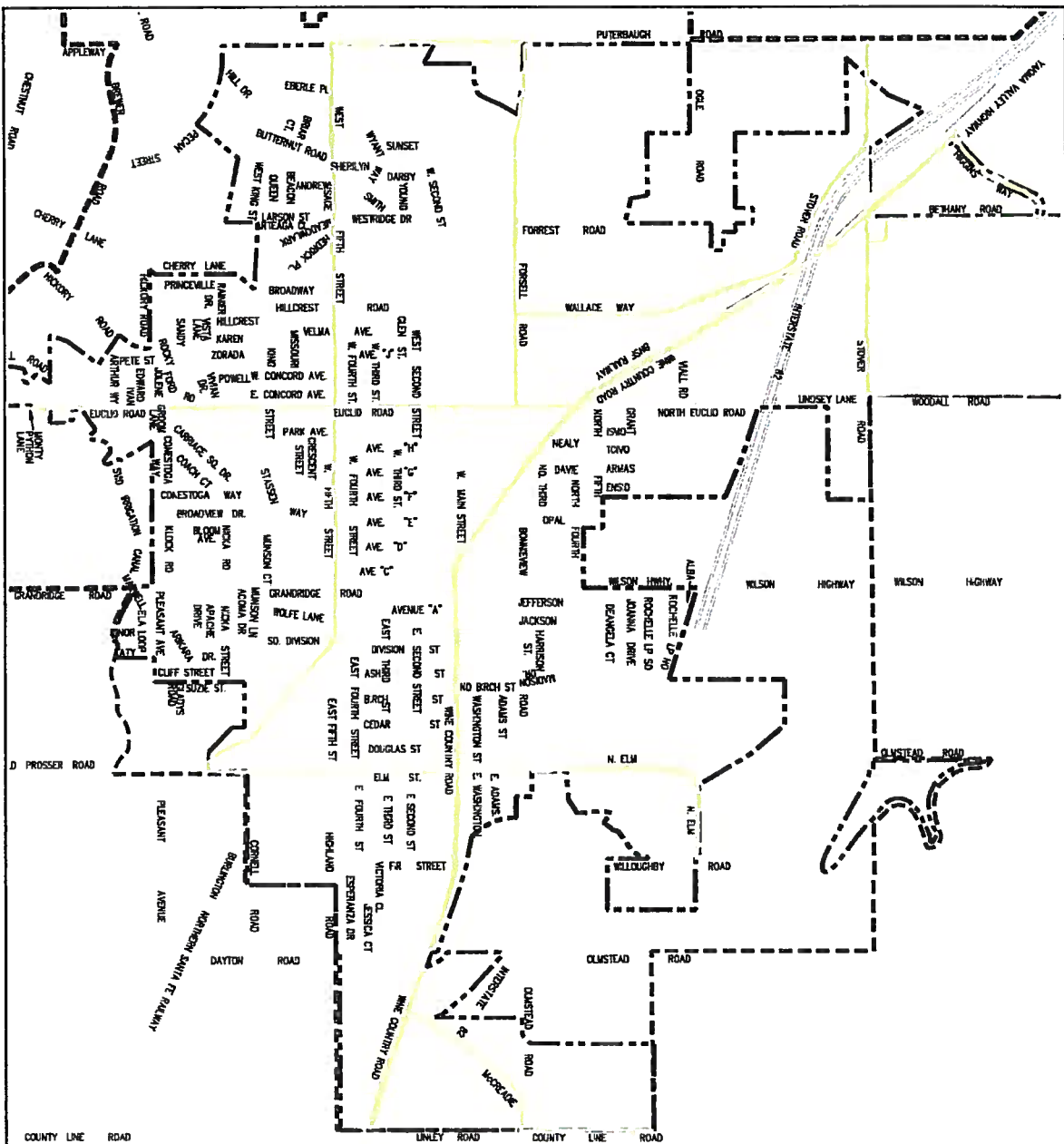
LEGEND  
 - - - - - CITY LIMITS  
 - - - - - USA



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# STREET SANDING ROUTE - BIG SANDER ROUTE



## CITY OF GRANDVIEW

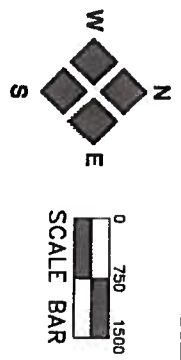
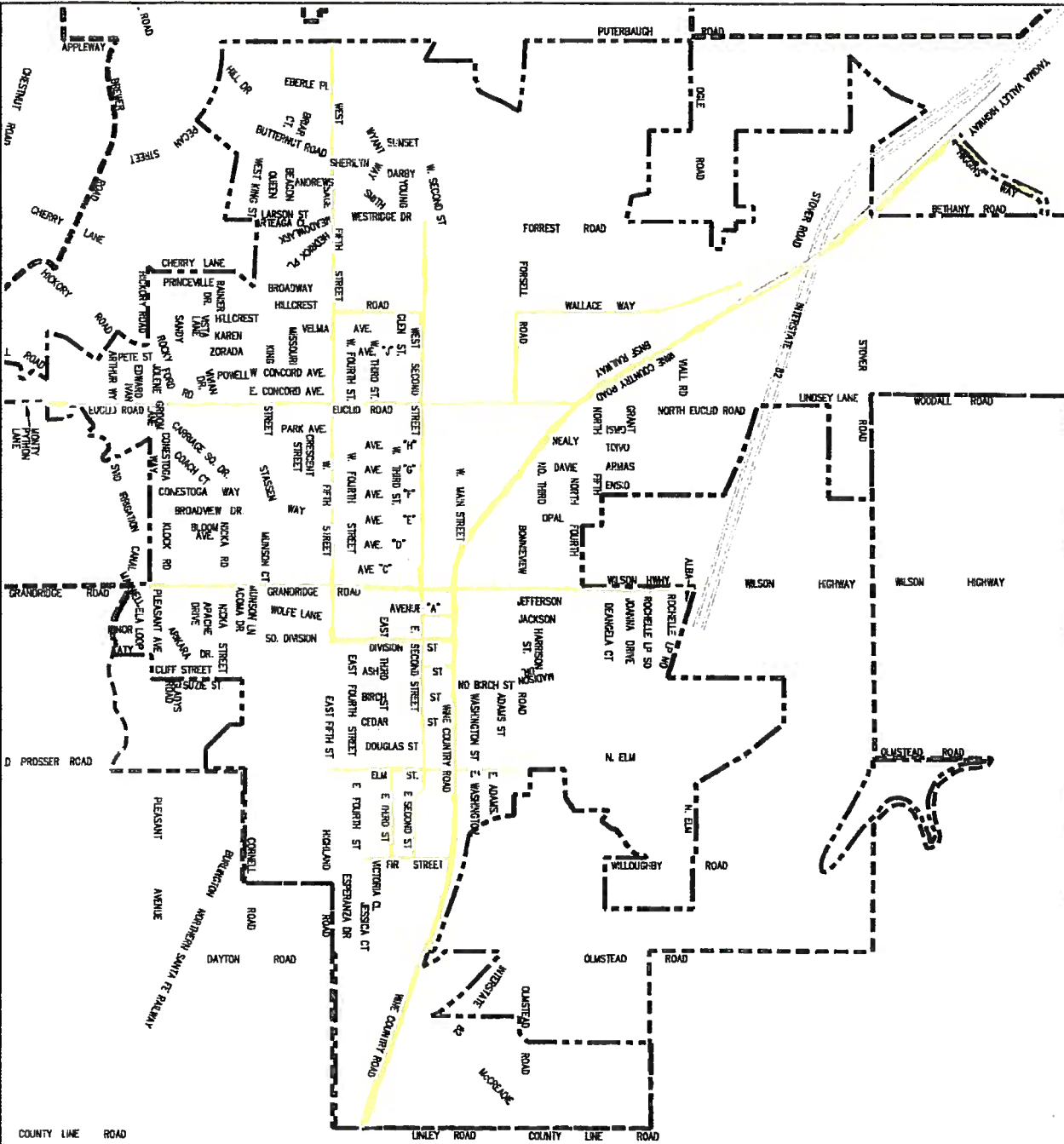
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# STREETS FOR SNOW REMOVAL



## CITY OF GRANDVIEW

- LEGEND**
- CITY LIMITS
  - UGA



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