



City of Wilsonville
Snow and Ice Control Plan
June 2017

Introduction

It is the goal and intent of the City of Wilsonville to provide timely, efficient and cost-effective winter maintenance, snow removal and ice control on the streets and walkways in the City of Wilsonville. These services are provided for the safety and benefit of the City's residents and the general public traveling within the city limits.

The purpose of this Snow and Ice Control Plan is to describe the City's snow removal and sanding priorities, mitigation procedures and level of service goals.

Due to winter storm variables that are inherent in Oregon weather, each storm and/or weather event may require different efforts or emphasis on a number of maintenance tasks, which together, determine the overall winter maintenance, snow removal or ice control response in any given year.

Objectives

- Provide safe designated passable routes for vehicles and pedestrians (see snow plow route map)
- Maintain access to essential City services
- Provide emergency sanding for police, fire, public transit, and schools
- Ensure the safety of the public and City personnel

Level of Service

Snow and Ice Control operations are intended to provide a reasonably safe traveling surface, not bare or dry pavement.

Streets: Plowing of designated roadways will occur after the accumulation of approximately two inches (2") or more of snow. During heavy snowfall or severe icing conditions, motorists may need to install chains or other traction devices.

During an inclement weather event, streets may be temporarily closed for safety reasons.

City Maintained Sidewalks: A minimum four (4) foot width will be cleared. Removal of ice from sidewalks will occur upon accumulation. Removal of snow during daylight hours will occur within six (6) hours following the end of snow fall. If snow accumulates after sunset, removal will occur within six (6) hours after sunrise or the end of the snow fall, whichever is later.

City Buildings: City facilities shall have pathways cleared of accumulated snow and ice for safe pedestrian ingress and egress. The operational needs of each facility will be used to determine the appropriate pathway layout.

City Owned Parking Lots: Pathways servicing the parking lots at City facilities shall be cleared first. The remainder of the parking lot shall be cleared on a scheduled basis after other higher priority areas are made safe.

Public Parks: Parks with restrooms shall have pathways cleared of accumulated snow and ice for safe pedestrian ingress and egress. The parking lots shall be cleared on a scheduled basis after other higher priorities are made safe.

Plowing Guidelines

See Snow Plowing Route Map for priority 1, priority 2 and priority 3 routes.

Streets will be plowed in such a way to minimize the impact to in-ground lighting, raised pavement markers and rumble strips. Streets will not be plowed to bare pavement.

Sanding Guidelines

Sand does not melt ice but improves traction on slippery surfaces and has relatively few impacts on the environment. See Street Sanding Map for primary sanding locations.

- Sanding will occur only when conditions warrant.
- During icy conditions, sand will be spread on hills, corners, intersections, bridges, crash sites, and known problem areas or as directed by a supervisor.
- When it is snowing, sand will be spread to aid traffic in climbing hills, at crash sites, known problem areas or as directed by a supervisor.
- Areas will be sanded as requested by police, fire departments or ambulance services as a number one priority.

Implementation

The Snow and Ice Control Plan will be implemented when it is determined by a supervisor to be the best solution for the conditions that exist. The criteria for that decision are:

- Reasonable prediction that inclement weather will occur within 24 hours
- Icy conditions which affect travel
- Snow accumulation
- Freezing rain

Priorities

City Streets:

Snow Routes are shown on the Snow Plowing Route Map.

- Priority 1 and 2 routes will be kept clear to provide a transportation system to connect essential facilities, schools, fire stations, public transit facilities and the police station.
- Priority 3 routes will be cleared or sanded to provide secondary connectivity and mitigate known problem areas.

Streets not designated as a snow route will not be plowed or sanded unless specifically requested by police or fire departments.

City Sidewalks, Facility Walkways, and Park Pathways:

Sidewalks will be cleared to a minimum width of four (4) feet and have de-icer applied as needed in the following priority order. See City Sidewalk Map.

- 1) Sidewalks adjacent to streets around the perimeter of City Facilities and Parks
- 2) Facility Walkways
 - a) WES Transit Station
 - b) Public Works/Police Building
 - c) Community Center
 - d) City Hall
 - e) Library
 - f) Parks and Recreation Building
- 3) Main Park pathways

Only the public sidewalks and paths mentioned above will be mitigated.

City Facility Parking Lots:

Facility parking lots will be cleared in the following priority order.

- 1) WES Transit Station
- 2) Public Works/Police Building
- 3) Fleet/Transit Building
- 4) Library
- 5) City Hall
- 6) Community Center
- 7) Parks and Recreation Administration Building
- 8) Water Treatment Plant
- 9) Wastewater Treatment Plant

City Park Parking Lots:

Park parking lots will be cleared in the following priority order.

- 1) Murase/Memorial Park
- 2) Boones Ferry Park
- 3) River Fox Park
- 4) Canyon Creek Park

Use of Anti-icing or De-icing Products

To help keep sidewalks and pathways clear minimal amounts of Potassium Chloride, Calcium Chloride or Magnesium Chloride products may be applied by hand or a drop spreader.

The City has chosen not to use anti-icing or de-icing chemicals on roadways due to environmental concerns such as potential damage to plants, vehicles and infrastructure, application challenges for instance over 40 degrees temperature and no precipitation, and financial considerations such as cost per application.

Community Members' Cooperation

Residents of Wilsonville are requested to support the efforts of the City's snow and ice control operations to achieve the best possible results in the most efficient manner. During snow events and winter storm conditions, residents are asked to keep parked vehicles off of the City's Snow and Sanding routes.

Property owners shall clear snow and ice from the sidewalk along their property per City Code 6.212, cited above. It is recommended that sidewalks along Snow Routes (see Snow Plow Route Map) be cleared after the plow has traveled through. Property owners are responsible for clearing access to their driveway.

Snow removal by property owners or occupants should not be piled or stacked over catch basins or at culvert pipe openings. Rapid warming or thawing could overwhelm the drainage system causing local flooding or potential property damage. Citizens are encouraged to clear blocked catch basins and culverts, if needed.

All garbage and recycling containers set out for collection should be kept behind the curb or in residential driveways at all times.

Available Equipment

- 2 trucks with snow blade and sand dispensing bin
- 5 sidewalk snow blowers
- Tool Cat vehicle with brush
- Tractors with bucket and box attachments
- Ventrac unit with brushes

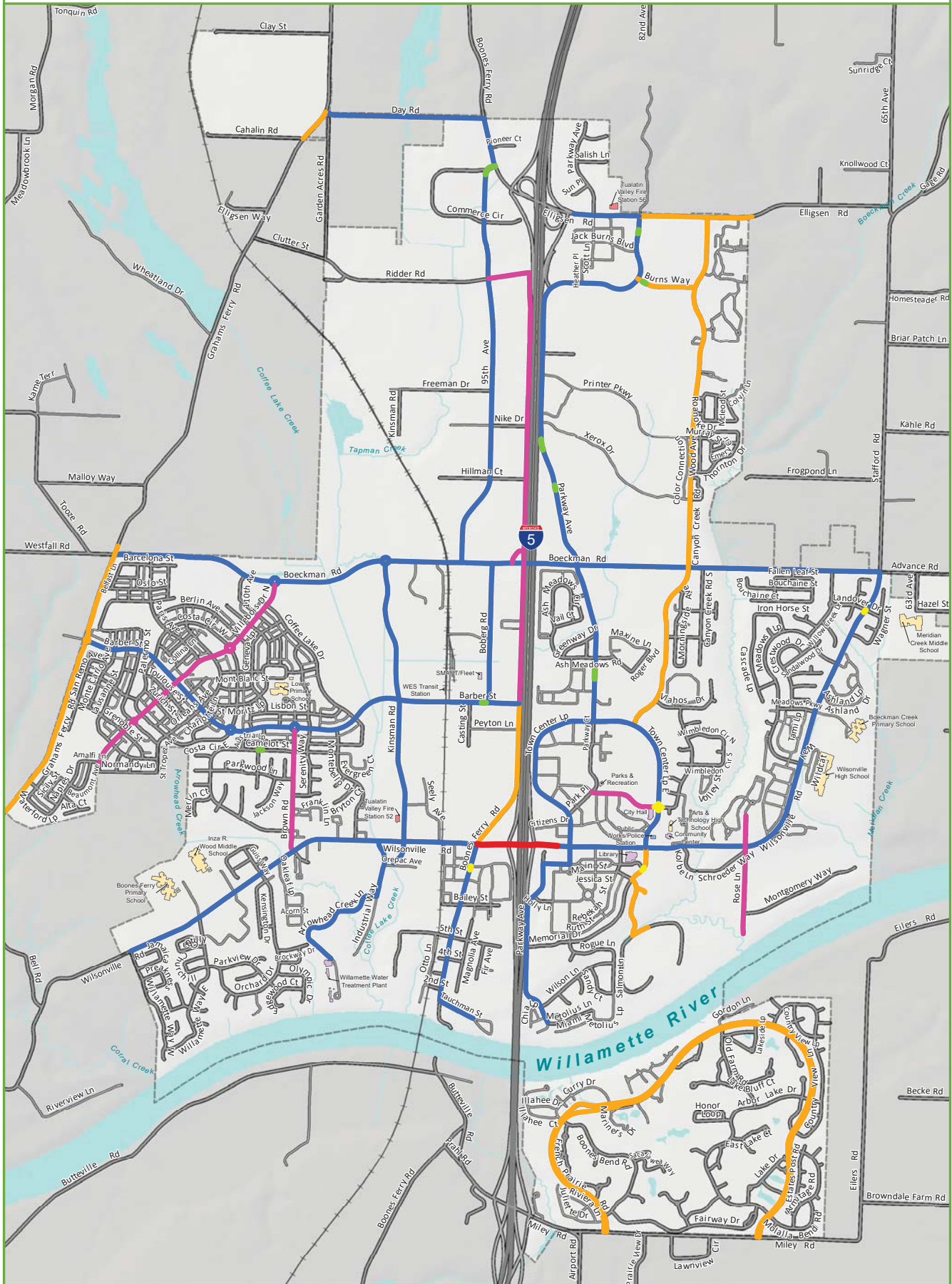
Disclaimer

The policy, as set forth, is the current snow and ice control policy for the City and will be enforced equally throughout the City. The following conditions may prevent or delay implementation of this policy.

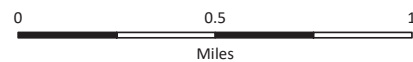
- Equipment breakdown
- Parked, stalled or disabled vehicles that prevent or restrict access
- Severe weather requiring crews to halt operations
- Breaks required for re-fueling, refilling material spreaders, etc.
- Unforeseen emergencies
- Available staffing levels
- Region traffic conditions and closures



Snow Plowing Routes (2018-19)

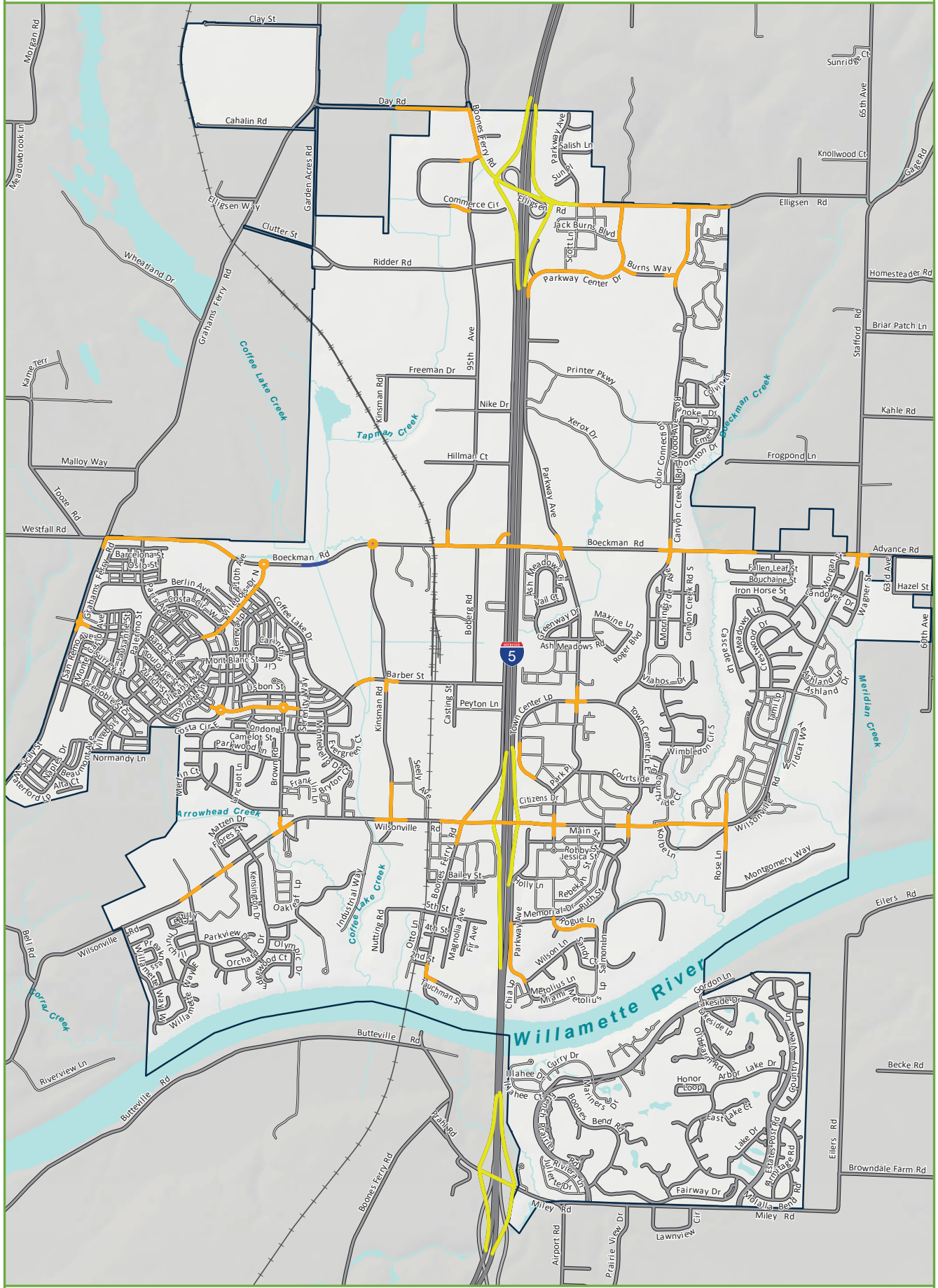


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| Essential Routes | Obstacles | Police/Public Works |
| Priority 1 | Concrete island | Fire Station |
| Priority 2 | In-ground flashers | Schools |
| Priority 3 | ODOT Owned/Rumble strip | City Facilities |

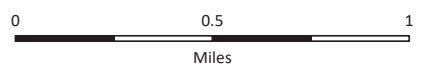




Street Sanding (2018-19)

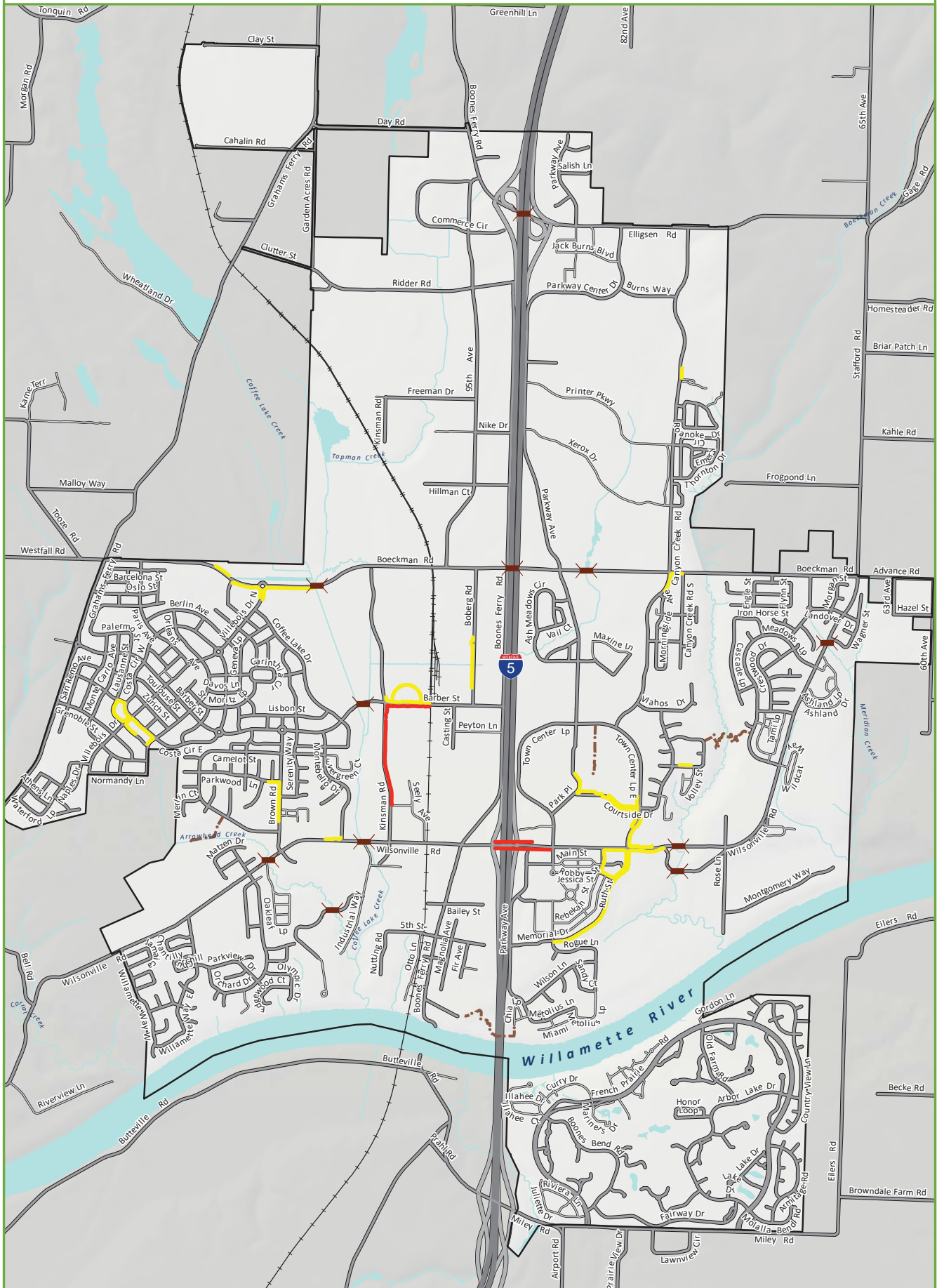


- Primary locations to sand
- ODOT responsibility
- Freezing fog/ice conditions





Sidewalk Responsibility



- Sidewalks**
- Adjacent to city owned property
 - Has maintenance agreement
 - - - Trail/Path
 - Bridge/Culvert

