

## From The Director's Office:

### Inclement Weather Preparation

With freezing temperatures and forecasts of ice or snow, the Public Works and Parks staff participated in their annual Winter Storm Response Training to prepare for inclement weather events. Personnel reviewed the [Snow and Ice Control Plan Revised 11/12/2019](#), watched a demonstration on how to install tire chains on vehicles, and discussed the operation of snow blades and sanding equipment. They also reviewed the updated plan to become familiar with the application of magnesium chloride as a anti-icing/deicing agent. This is a new capability for the City, which can be a very beneficial tool when used in conjunction with other best management practices (BMPs) and methods for snow and ice control.



MgCl application being done prior to Thanksgiving Holiday weather event.



Manny Ghisline, Roads Maintenance Specialist describing operation of the sanding equipment



Preston Langeliers, Roads and Stormwater Supervisor explaining the process of the snow plow blade.

## From the Desk of the Director, continued



Detailing the operation of the snow blade on the front of the MgCl tank truck.

Demonstration of the installation of tire chains for large vehicles.

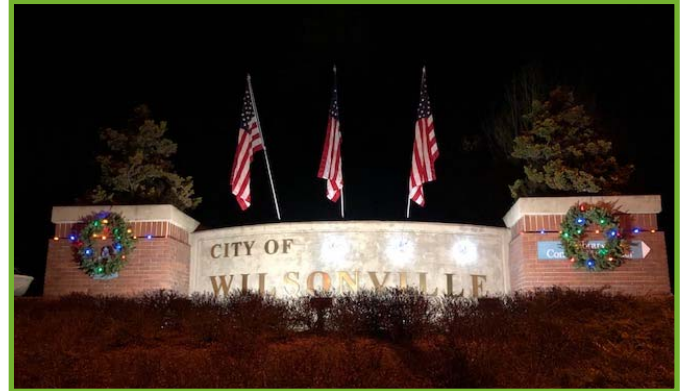


Discussing operation of the sanding equipment.

## Roads & Storm Water Division

### Street Holiday Decorations

The Roads crew installed holiday decorations at various locations along City streets to ensure they would be ready to be lit the first Monday in December.



### Sign Base Installations

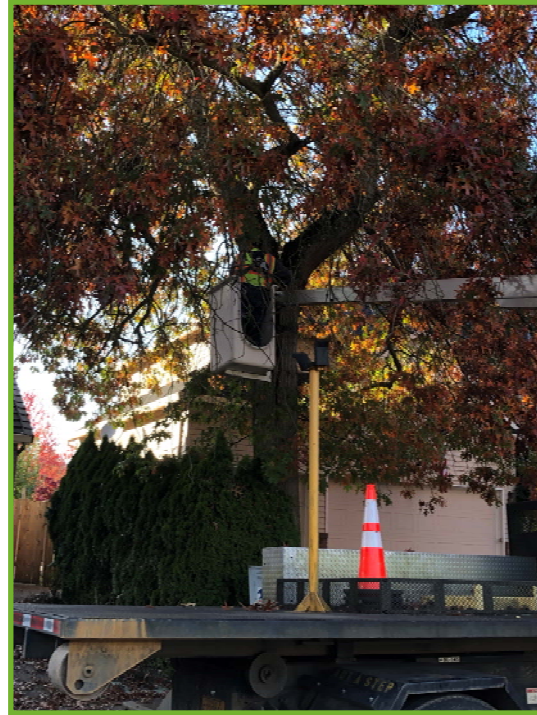
Manny Ghiselline, Road Maintenance Specialist prepared sign bases for new "Stop" signs to be placed at the intersection of Barber Street and Villebois Drive.



## Roads & Storm Water Division

### Hazardous Oak in Wilsonville Meadows

The Roads crew responded to an emergency call-out when an Oak tree in Wilsonville Meadows neighborhood split and threatened to fall onto two homes. Public Works staff placed a safety chain around the tree to hold it together and cordoned off the area until the contractor could arrive to safely remove the tree.



### Leaves, Leaves & More Leaves!!

Several windstorms blew through town last month depositing leaves along the roadways. The Roads and Stormwater staff actively worked to collect the leaves to assure they did not lead to residential or road flooding issues.

Roman Kylo, Road Maintenance Specialist drives the truck while Randy Burnham, Stormwater Maintenance Specialist operates the leaf vacuum.



## Utilities Division—Sewer

### Manhole Raising

Over the years, manholes can become buried as dirt or rock are added to the surrounding area. In order to bring the manholes back up to grade to ensure they are not lost or become inaccessible, grade rings are added to the manhole structure. This job involves excavating around the manhole, removing the manhole frame, adding grade rings and grouting in between each ring. The manhole frame is then grouted back into place and the excavated area is backfilled.

Below, Sewer crew members, Chad Whiting and Kyle Bean raise a manhole in Memorial Park.



## Utilities Division—Water

### Looking for Leaks

Every year a leak detection service is contracted to listen for leaks in a predetermined sector of the City. This year the focus of the leak detection survey was in Charbonneau. The survey discovered a leaking blow off, a hydrant leak, and a leaking 2" lateral. The total water loss of these leaks was estimated to be 3.75 gallons per minute which does not seem like a lot, but when converted to gallons per year this figure comes out to 1,971,000.

The water crew jumped on repairing the leaks immediately. The most significant leak was the 2" lateral in Village Greens Circle. The fix for this repair involved tapping the existing line and installing 2 new service lines which entailed excavating a trench to the water main and installing two new corporation valves as well as running new copper lines to the meters.



Trench for new water line



Water Technician Sam Kinnaman installing service lines



Some days are dirtier than others

## Facilities Division

### Winter Wonderland at City Hall

The Facilities Division finished installing the usual holiday decorations to five of the City's facilities, but the sixth building received something a little different this year. Crews decided to forgo the usual hanging of the Holiday wreathes from the roof top of City Hall and instead attempted to create the appearance of a winter wonderland. Two 12' foot tall trees were safely mounted and secured to the Eastern and Western entrance rooftops. The trees were then decorated with silver and blue, shatter proof decorations and white lights. To

complete the display, blue and white icicle lights were then hung around the perimeter of the rooftops. The change of décor was brought on by two main factors. The first was safety driven, each year crews would have to hoist several five foot diameter wreathes hand over hand to the top of the thirty foot tall building exposing themselves to an awkward lifting position. The other had to do with the wear and tear of the parapet wall flashings caused by the metal brackets used to hang the wreathes. After several years of decorating, the brackets have begun to wear off the paint and primer from the metal flashing, requiring the need for repainting.



## Facilities Division

### City Facilities Holiday Decorations

