



WILSONVILLE
PUBLIC WORKS

JANUARY 2022 MONTHLY REPORT

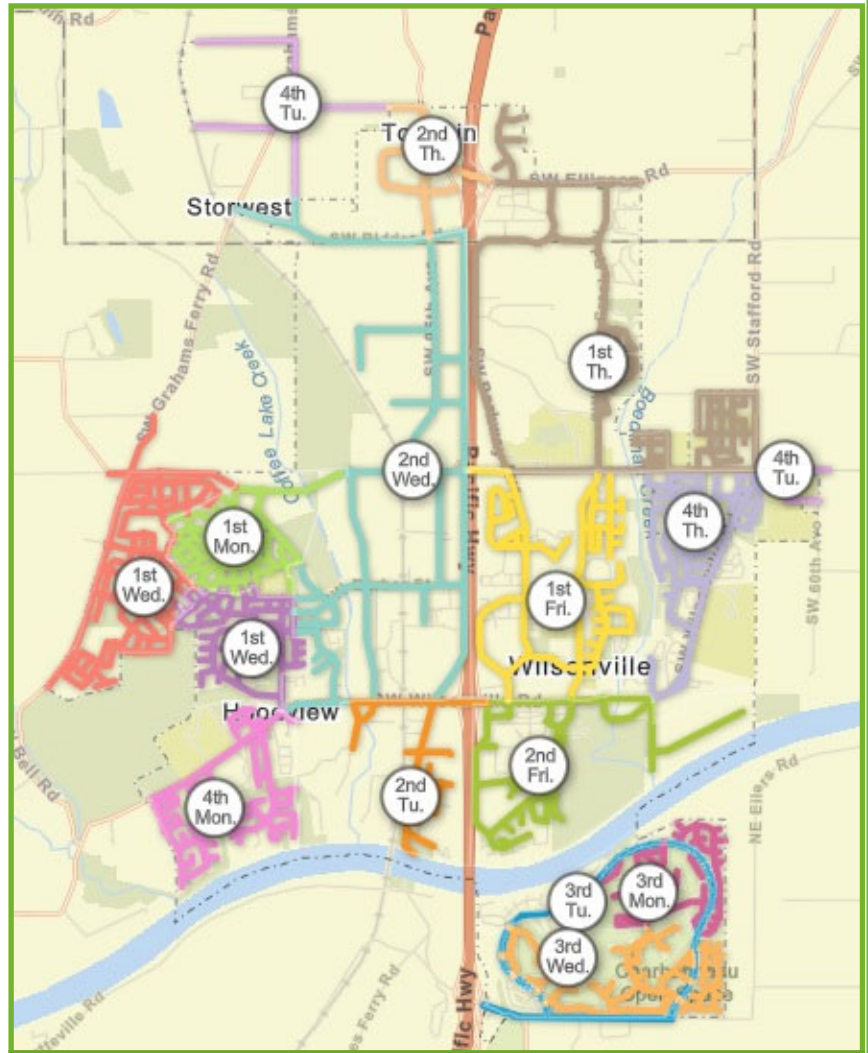
From The Director's Office:

Street Sweeping Schedule Map

This month, the new interactive street sweeping map application went live on the City's website. The map includes all the public streets maintained by the City. Roads and parking lots that are not shown in color are privately maintained.

The street sweeping contractor cleans City owned streets monthly to remove debris and reduce the amount of contaminants in the stormwater system. The interactive map shows the streets scheduled to be swept each day.

To find a scheduled sweep day, the user can manually zoom into an area and determine by color which day cleaning is scheduled. As the map zooms, more landmark labels appear, such as parks, schools and City buildings. If you know the specific address, the search toolbar can quickly zoom to the property. Clicking on a section of street generates a pop-up with the street name and sweep day.



Street Sweeping Map Preview

Best Regards,
Delora Kerber,
Public Works Director

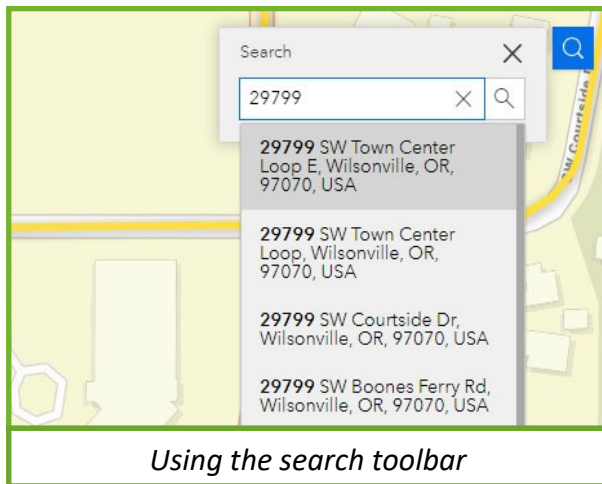


From the Director's Office, continued

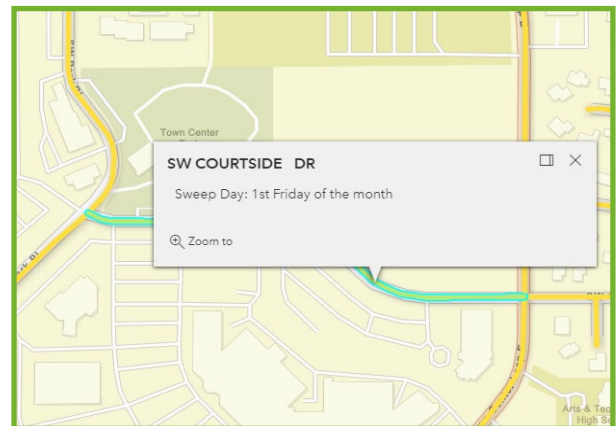
Street Sweeping Schedule Map



One of the locations on the City website to find the Street Sweeping Schedule Map



Using the search toolbar



Pop-up with Sweep Day

Facilities

Breaking Ground for New Growth

After losing a few large trees outside the Public Works/Police building to age and inclement weather, our Landscape Maintenance staff broke ground to plant new maple trees.



James and Daniel break ground at Public

The process was physically intense due to soil conditions, digging out the site with a fire axe and shovels. After several days of preparation, the trees are ready to be planted. In the future, these trees will provide inviting shade and showy fall foliage for our community.



Digging out the hole



Trees ready to plant!

Utilities—Wastewater

Lil' Stinky Helps Gathers Information

In preparation for the future Boeckman Bridge project, the Wastewater crew completed field verification and data collection of the sanitary system in the proposed area. This work required some brush clearing and a little help from our remote camera, affectionately called Lil' Stinky.

The CCTV videos and reports will be provided to our Engineering Department to assist with their planning efforts. The crew also performed some CCTV work for our Engineering colleagues for the Charbonneau Consolidated Improvements.



Utilities—Water

Welcome Aboard, Chris!

The Utilities Division is happy to welcome Chris Seward to the team. He has a strong background in utilities maintenance with over 15 years of experience working in the water and wastewater field. Chris recently moved from Hayden, Idaho to be closer to family. He is also an active member of the Army National Guard. We are excited to utilize Chris's experience to assist with maintaining and improving Wilsonville's utility assets.



Our newest addition—Chris Seward

Lending a Hand

The Water crew assisted the Parks Department with replacing a service line feeding the Memorial Park bathroom, which is in the process of being replaced with a new structure. When the old building was being prepared for demolition, it was discovered that the configuration of the meter and backflow was incorrect and there was no shutoff valve for the service. Staff excavated down to the water main and replaced the old brittle PVC plastic service line with a far more reliable copper service line. A new curb stop valve, meter and backflow were installed as well.



Digging down to the service line

Roads & Stormwater

Retroreflectivity Inspections

The Roads Maintenance crew continues to replace worn and discolored signs and check the level of retroreflectivity. Retroreflective signs are designed to 'bounce back' light to drivers, making them readily visible.

When performing these inspections, staff needs dark conditions and they start the inspections very early in the morning. Using a gauge they can measure the sign's amount of retroreflectivity. Signs that fail to meet the minimum level are cleaned or replaced.

It takes two staff members between three and four workdays to complete sign inspection of the entire city. At the same time, they check for any streetlights that need maintenance.



Sign installation

Obstruction Removal

While cleaning a catch basin, the Stormwater team discovered roots entering the system. They scoped the line with the CCTV van, discovering an obstruction around 75 feet inside. Using the high pressure line on the Vector truck with a root cutting attachment they were able to remove the roots. After completing the work the line was scoped again to ensure it was clear.



Before — Obstructed



After — Clear

Roads & Stormwater cont.

Vacuuming Catch Basins

As part of the regular maintenance of the City's stormwater system, staff systematically clean out roadway catch basins (aka stormwater inlets). To perform this work staff first removes the grate over the basin, then inserts the truck mounted vacuum hose to empty the basin of dirt and debris. Keeping the catch basin cleared of impediments helps ensure they will flow properly during rain events. Below are photos showing the Stormwater team cleaning inlets on Wilsonville Road.



Stormwater Crew at work!



Cleaning an inlet with the vacuum truck