

From The Director's Office:



The week of May 16 to May 22, 2021 was designated as **National Public Works Week**.

This year's theme is "**Stronger Together**" and the celebration is meant to raise awareness with our citizens about the role public works plays in creating a great place to live.

By working together, the impact citizens and public works professionals can have on their communities is magnified and results in the ability to accomplish goals once thought unattainable. This is evident by our unified response to the challenges our City has faced this past year with the Covid pandemic, wildfires and ice storms.

Public Works helps maintain our community's strength by providing needed operations and maintenance services in transportation, water, wastewater, and stormwater treatment, public buildings and grounds, and right-of-way management. Additionally, we provide emergency management and first response for community disasters.

Public Works strives for collaboration with internal and external stakeholders in the development of capital projects, infrastructure solutions, and quality of life services in recognition that we are "**Stronger Together**".



Best Regards,
Delora Kerber
Public Works Director

Facilities

What Do Mattresses and Shampoo Have in Common?

Bulky Waste Day and Toiletries Donations

On Saturday, May 22nd the City of Wilsonville teamed up with Republic Services for Bulky Waste Day. This event is popular, typically attracting around 350 vehicles and disposing approximately 40 tons of waste. With COVID-19 restrictions slowly easing, residents turned out in record numbers. The Republic Services team, led by Armando Arellano, Steven Baker, Salvador Navarro Lugo, and Brenda Wichman, did a fantastic job of getting participants in and out as fast as possible. This year, the team processed 471 vehicles and received 71.22 tons of waste.



Thank you, Republic Services!

Javid Yamin and Daniel Morena from the Facilities Department were there as well greeting people and graciously accepting their donations. Two truckloads of toiletries were collected and brought over to Leigh Crosby, the food bank director at Wilsonville Community Sharing. Another successful Bulky Waste Day event!



Loading up the donations

Roads

Artificial Rain

Irrigation Maintenance

Now that drier weather has arrived, the Roads crew is focusing on landscape maintenance tasks. This month, staff began checking the City's irrigation system in preparation for the summer temperatures. Each station is tested to ensure the irrigation system is working properly and to identify necessary repairs.



Planning the work



Unboxing components

Staff check for leaks in the irrigation lines, remove and change out sprinkler heads, and fine tune the sprinkler coverage to efficiently water all vegetation. Additionally, the crew is upgrading the irrigation controllers to further improve the timing for each station and reduce water usage city-wide while still keeping the vegetation green.



Sprinkler head adjustment



Completing repairs

Roads cont.

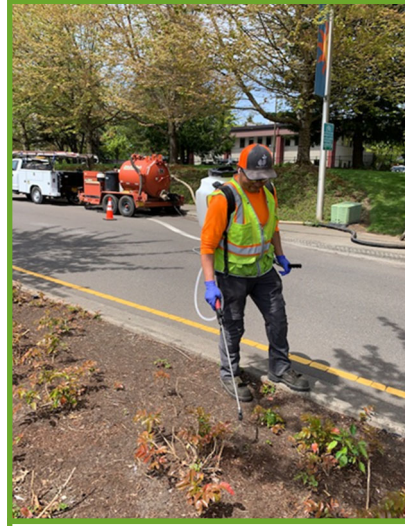
Prune, Weed, and Repeat

Landscape Maintenance

While checking the irrigation system, the Roads crew also perform maintenance on the landscape vegetation. Staff pruned bushes off the curbs and trim the trees to a minimum clearance height of 14 feet. Herbicide was sparingly applied to prevent weeds from establishing. Without intervention, weeds can dominate and compete with shrubs and trees for nutrients as well as becoming unsightly, unsafe and spreading to neighboring properties.



Pruning in the island



Weed prevention

Mulching for Health

White Oaks Upkeep

To help ensure the health of the native White Oak trees in the natural area near the Wilsonville Transit Center, the Roads Maintenance Crew spread three inches of mulch at the base of each tree out to the 'drip line'. A drip line is the outermost circumference underneath a tree's branches, where water drops down to the ground. This maintenance activity significantly reduces competition with nearby grasses for soil nutrients and helps to keep these important trees healthy.



Dropping buckets of mulch



Spreading mulch

Stormwater

Welcome Aboard!

New Employee

We are excited to announce the addition of Konnen Bell as our newest Utilities Maintenance Specialist in the Stormwater Division.

Konnen grew up in Canby, OR and most recently worked for a waste hauling company.

He has completed his safety training and is gaining on the job experience by working alongside our experienced Utilities Maintenance Specialist, Jay Herber.

We are happy to have Konnen as a member of the Public Works team.



Konnen Bell, Utilities Maintenance Specialist

Hiding Under Debris

Outfall Uncovered

The Stormwater crew is still addressing areas affected by tree debris left over from February's ice storm. Outfall structures are inspected annually in accordance to our required Municipal Separate Storm Sewer System (MS4) reporting. In the Morey's Landing neighborhood, a tree had fallen and completely covered an outfall. Water was not able to flow properly, leaving a significant amounts of sediment behind. After a few hours of removing tree branches, the outfall was cleared and checked for damage.



Outfall obscured by tree debris



All clear!

Stormwater Cont.

Going, Going, Gone

Storm Debris Finally Removed

Loading and hauling away of wood debris at the Wilsonville Transit Center is complete, and clean up has begun! After nearly three months of work by the Roads and Stormwater crews the transit center parking lot is nearly back to previous condition. Next step will be to crack seal and slurry coat the pavement.



The massive debris pile



Scooping chips



Loading the truck



Finally clear!

Utilities—Water & Wastewater

Let the Water Flow

Flushing Hydrants

During the month of May, the Water crew focused on flushing the distribution system. Flushing requires a lot of staff in order to keep the water flowing in the desired direction. The Wastewater crew pitched in to assist with getting the job done. Water main flushing is one of the most important preventative maintenance activities that the Water crew performs. Over time, water settles, ages and is affected by mineral deposits and loose sediment that slowly build up inside water mains. This could ultimately result in discolored water and reduced capacity in the pipe. These factors affect the quality and taste of the water, making it important to flush the system regularly.



Hydrant flushing outside Public Works

Flushing can remove water from areas of the system that have low water use since older water may no longer have the desired chlorine residual. It also allows the operators to verify the proper operation of the hydrants. If a hydrant is found to be malfunctioning it is promptly repaired in order to restore its fire protection capabilities.

Utilities—Water & Wastewater Cont.

Knocked Down and Getting Back Up

Hydrant Repair

The Water & Wastewater crews repaired a hydrant on Town Center Loop that was knocked over by a vehicle. Hydrant repairs can be a very physically demanding task. This particular repair required the combined effort of three people in order to remove the inner stem and main valve assembly from the hydrant. Once removed the inner components were replaced and the hydrant was reassembled.



Removing inner stem



Replacing stem



Setting new hydrant



Securing the new hydrant