

National First Responder Day occurred on October 28, 2022 to raise awareness, support, celebrate, honor and give appreciation to our Nation's First Responders for the challenging job they do to protect and enhance our community.

When using the term First Responder the typical definition is law enforcement, firefighters and emergency medical technicians. Though that is correct it is not entirely complete.

Public Works professionals are also critical as First Responders to ensure public safety.

For example, when an inclement weather event is forecasted to impact our area it is Public Works personnel who plan and prepare for the incident through snow and ice mitigation programs before and during the storm. These efforts keep the most vital roads open to traffic which allow other public safety officials to respond to emergencies.

When traffic incidents occur, Public Works First Responders assess and take action to control or direct traffic, helping other public safety responders to perform critical response and rescue operations.

Public Works First Responders are at the ready to tackle emergency interruptions to public services such as water and sewer. Not having access to safe running water or becoming exposed to raw sewage can quickly become life-threatening situations.

The contributions of Public Works First Responders may not be glamorous and can often be dirty but its importance cannot be denied. The efforts of Public Works First Responders represent an essential function in protecting our citizens and communities that no other agencies provide.

Thanks to Public Works staff for their commitment to serving the needs of our City.

Best Regards,

Delora Kerber, Public Works Director

Facilities

Bulky Waste Day

The results of the second Bulky Waste Day this year are in! This popular event was held on October 24, offering free disposal of large items, such as home appliances and furniture. Republic Services teams up with Public Works to dispose of these large items. In lieu of payment, participants are asked to bring gift cards for local businesses in small denominations or cash to benefit the Wilsonville Community Sharing Food Bank. This year, we collected over \$2,600 in cash and gifts cards. We want to extend a huge 'thank you' to our Wilsonville Community for their generosity and to Republic Services for their part in yet another successful Bulky Waste Day event!



Facilities cont.

Keeping Up Appearances

The Facilities landscaping crew has been getting a jump on the fall planting season to get as many plantings in as possible before the rainy season. Luke McKinnon, showed off his skills with a new, more easily manageable design for the front parking lot of the Smart/Fleet building. With all hands on deck, his landscape design become a reality. The group placed boulders, shaped soil, changed out the irrigation system, and planted several shrubs and trees.



Staff also replaced trees that were damaged by the ice storm at the Library and Community Center.



Roads & Stormwater

Swale Maintenance

It was a busy month for the crew. The longer summer weather gave them an opportunity to catch up on some much needed right-of-way and roadside swale landscape maintenance.



Roads & Stormwater cont,

APWA Conference & Winter Weather Preparedness



The Roads team attended the American Public Works Association (APWA) Street Maintenance and Collection Systems Fall School in Newport, OR. Staff took courses on integrated vegetation management (IVM), which focused on best practices to manage and approach invasive plant species and general right-of-way vegetation management. Our crew enjoyed the Oregon Department of Transportation's seminar about winter weather readiness, including plowing, sanding, and de-icing.



Preparing the winter weather truck

Utilities—Wastewater

CCTV Training & Sewer Cleaning in Charbonneau

The Wastewater crew completed their first training session covering Public Works' new GraniteNet Closed-Circuit Television (CCTV) software. Staff were trained in field operations and how to use the CCTV equipment with the software. Using a laptop, operators access a wastewater system map generated from the City's GIS (Geographic Information System). After each work session, the field map is synchronized with the GIS database, saving time and eliminating error with manual transfer.



David, Randy and Tim in training

The crew has also been conducting sewer line jetting in Charbonneau and the putting their training to use conducting CCTV inspections after the lines have been cleaned.



Tim jetting the sewer line



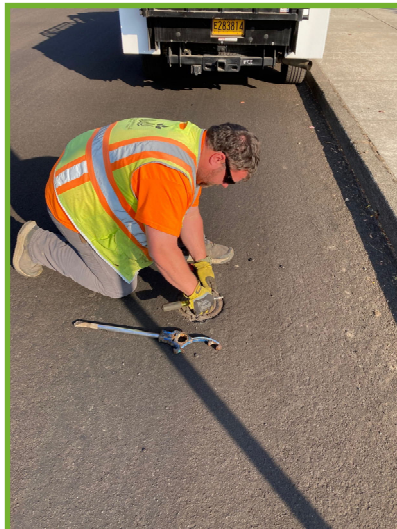
Videeing the clean line

Utilities—Water

Exercising valves and Hydrant Maintenance

The Water crew started the valve exercising program this month, targeting all of the valves west of I-5 and south of Boeckman Road. Exercising valves ensures reliable operation and helps maintain good water quality. Each valve is operated through a full cycle and restored to its normal position.

Turning valves is repetitive and physically demanding. Staff have access to electric valve operators to help with the task. Opening valve can lids can be challenging. When a lid has been driven over and compacted into place with road debris over time, it can be difficult to remove and may even require hammering or prying to access.



Opening valve can lid



Actuating the valve

In addition to valve exercising, the crew has been furiously prepping and painting fire hydrants before the wet weather brings this activity to a halt.



Before



After