

From The Director's Office:

Congratulations to **Brad Painter**, Roads and Stormwater Supervisor on his graduation from the Northwest Public Works Institute (NWPWI). Brad has been with the city for three (3) years and is responsible for maintenance of streets, pavement markings, median landscapes, signs, stormwater structures and green facilities as well as providing inclement weather and accident response.

The NWPWI is a program of instruction for public works professionals who would like to attain a higher degree of proficiency as leaders and managers. The Washington and Oregon Chapters of the American Public Works Association (APWA) jointly operate the Institute.

The NWPWI program consists of three courses that, in their entirety, provide public work professionals with essential skills needed to advance in supervisory and management positions. Instructors are all public works practitioners with extensive experience managing public works programs in Oregon.

Public Works Essentials teaches students the nuts and bolts of public works management. Topics range from personnel to purchasing to project management and training ends with each person giving a presentation to other attendees on a topic related to public works.

Developing Leader is where participants develop practical skills required for an emerging leader. Training content includes team development, problem solving and decisions making styles. The course concludes with a hands-on build team project.

Public Works Leadership Skills provides opportunities for the attendees to learn process, planning and people skills. Sessions vary from employee motivation to organizational culture to negotiating skills. On the last day student develop and make a mock presentation to a city council.

Upon successful completion of all three courses comprised of 90 hours of instruction, participants are awarded a certificate by the National American Public Works Association. The certificate is recognized by public works agencies across the nation as evidence of a commitment to professional development.



Brad Painter, Roads & Stormwater Maintenance Supervisor holding his NWPWI Certificate of completion

Best Regards, Delora Kerber, Public Works Director

Utilities

Objects In Mirror Are Closer Than They Appear

Fire hydrants are often the victim of vehicle damage , with many needing repair from collisions each year. Hydrants are an important component of the City's emergency response assets, as well as playing an important role in drinking water distribution. Utilities Water Technician Randal Magnusen is shown here repairing a hydrant that was damaged by a vehicle. During the Spring and Summer months, Water Distribution and Treatment students from Clackamas Community College lend a hand cleaning and repainting hydrants that need only cosmetic repairs.



Utilities

Let's Flush Again

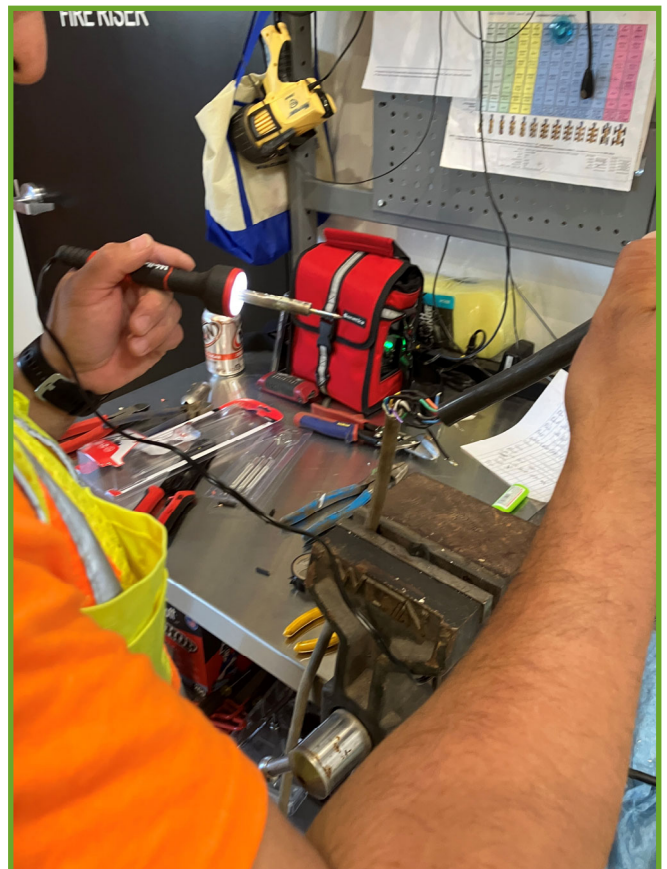
Over the next several weeks, the City is conducting its annual water main flushing program. During this time, Utilities staff open fire hydrants around the city and allow the water to flow through the pipes. This annual flushing verifies that hydrants and valves are in good operating condition in the event of an emergency. The hydrant flushing also flushes out the minerals in the water that deposit within the pipes of the water distribution system. When a hydrant is opened, there may be temporary incidences of discolored water while fine sediment particles are flushed. Anyone who encounters discolored water should shut the water off and wait several minutes. After waiting, check the clarity by running cold water for a few minutes, allowing new water to work its way into the pipes. In some cases, there may be slight discoloration for a few hours. There is no health hazards associated with the discolored water; the discoloration is caused by naturally occurring mineral deposits that form a thin film inside the pipe. Annual flushing for all public water systems is recommended by the American Water Works Association, and is another way the City maintains a safe and well-maintained water distribution program .



Utilities

In House Solutions

The Waste Water Collection teams' closed-circuit television (CCTV) inspection equipment works in challenging environments. From time to time, these surroundings take their toll on the equipment, causing needed repairs and downtime for the assets. Conducting these repairs inhouse, including minor electrical and hydraulic issues, decreases the overall cost and downtime for the equipment. In these images David Perfecto, Utilities Maintenance Technician is soldering lines that control the remote camera unit and it's communication with the computer on the truck.



Facilities

Hand Crafted

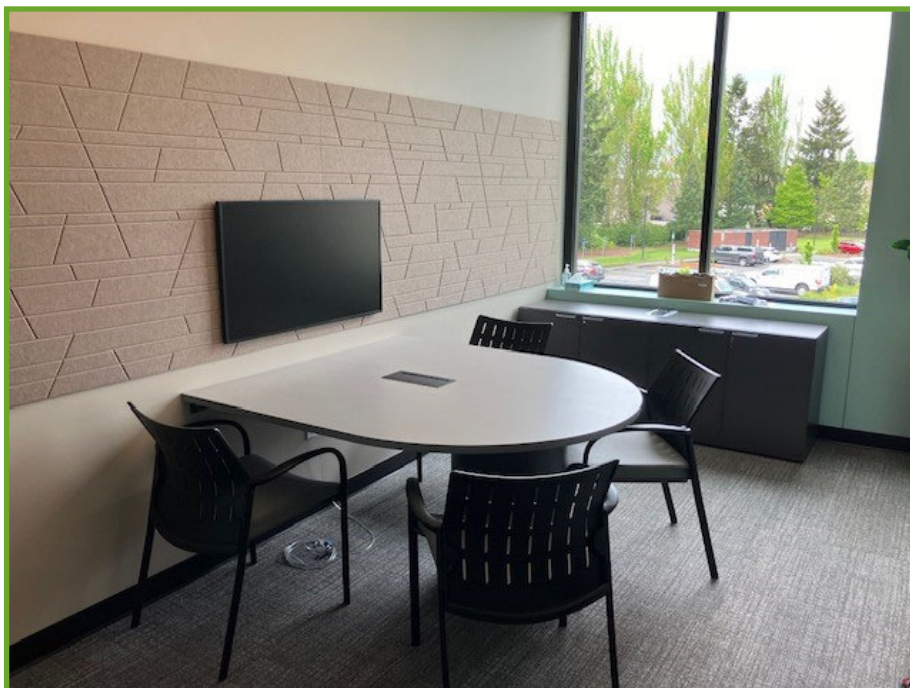
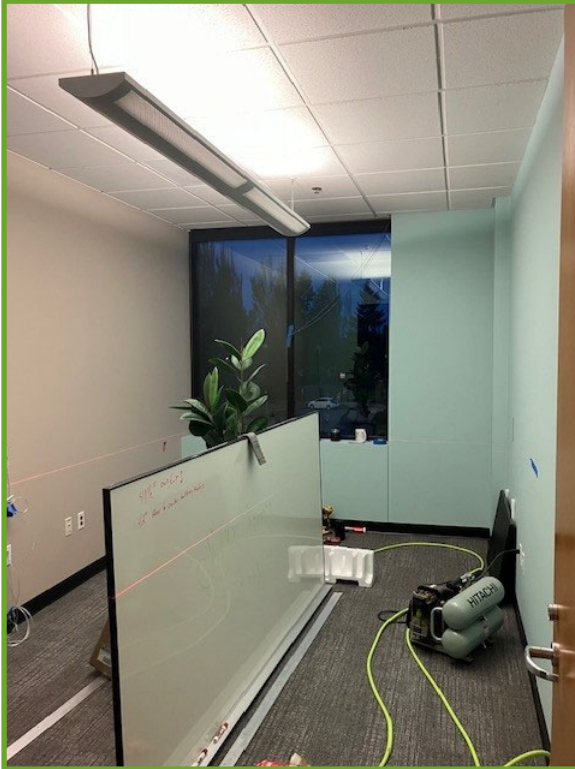
In April, Reynaldo Pineda, Luke McKinnon and James Stroud attacked with a vengeance several labor-intensive projects in addition to the regularly scheduled maintenance of landscapes. The most impressive task was hand excavating an irrigation system to be installed at the entrance to the Parks Maintenance Operations Building (PMOB). The crew opted to save money and time by digging the trenches by hand. Once the irrigation was up and working the crew celebrated their hard work, and beautified the area with new plantings and bark dust.



Facilities

Upgrading Resources

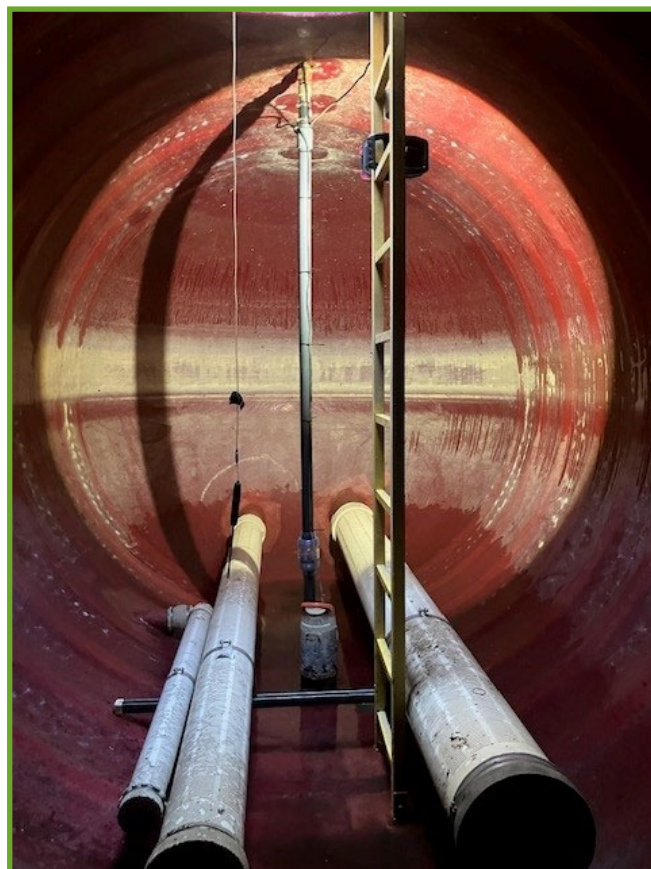
Facility Maintenance Technician Trevor Denfeld and Supervisor Matt Baker completed a much-needed make over of the Human Resources Conference Room. First, Trevor and Matt disassembled the room, removed the white board and wall hangings off the walls, and hauled all the old furniture away. Next, the painting contractor patched all the holes and imperfections and applied two coats of new paint to the walls. The following week Trevor and Matt teamed up again to install the sound board and new tv monitor just ahead of the new furniture install. The room looks refreshed, modern, and ready for meetings.



Facilities

Ready For Summer Fun

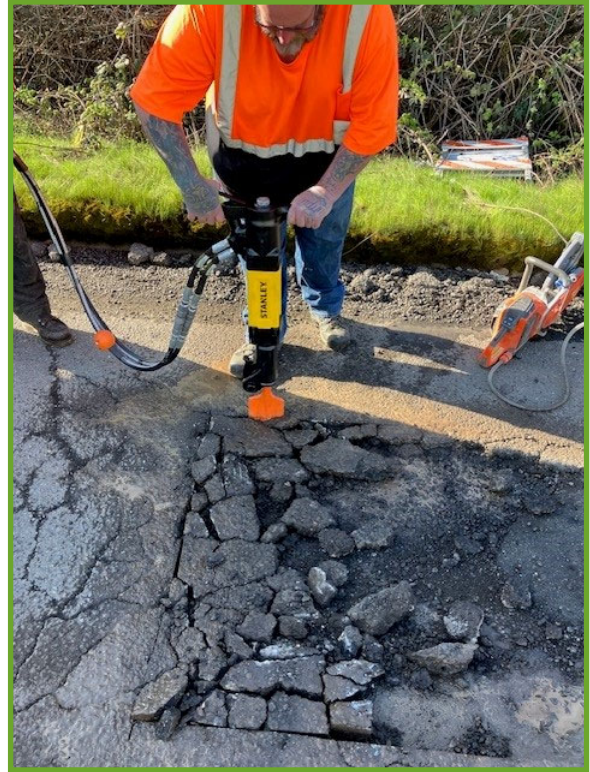
The Facilities team worked quickly to get ahead of Parks and Recreation's busiest season. The crew reinforced the back railing posts of the Stein-Boozler Barn viewing area, installed a new wireless access point (WAP) for the IT Department at the Murase North Restroom, and began the start up procedures to the Town Center Park water feature, including confined space entry to clean the 17,500 gallon surge tank, shown below.



Roads

Better, Faster, Stronger

Winter weather can leave behind scars and potholes that create driving challenges. With dry weather comes the opportunity to repair these potholes, beginning with breaking up and removing the old asphalt. Various methods are used for removing the broken segments, depending on the size and severity of damaged roadway. This work is needed prior to placing new pavement.



Roads

The Right Tools For The Job

April marked the maiden voyage of the newest member of the Public Works fleet, the Thermo-Lay asphalt patch truck. This new piece of equipment streamlines the asphalt patching process, improves efficiency and offers top-of-the line safety features allowing the Roads crew to more efficiently repair potholes.



Roads

An Eye On Safety

After completing inspections of more than 40 guardrail sections in March, the Roads crew made repairs and adjustments needed to bring the guardrails up to Federal Highway Administration Standards. Shown here are Roads crew members Salvador Favela and Stormwater team member Jay Herber making repairs to help keep Wilsonville drivers safe.



Stormwater

Drains To Natural Waterways

With over 3,000 catch basins inspected in March, the Stormwater team has moved into action with the cleaning phase. Over the next few months the team will clean more than 850 catch basins identified during the inspections. If needed, repairs to catch basins will be addressed in the coming weeks. Properly functioning catch basins reduce the chance of flooding, and reduce the amount of debris and potential pollutants entering our waterways.

