

From The Director's Office:

During August progress on the Public Works Complex included the installation of wall insulation at the main entrance to the admiration building (shown below), completion of interior framing and beginning of sheet rock placement. Roof trusses were placed over the storage bins, vehicle wash and decant buildings and the roof on both administration building and warehouse were completed.

Additional job site photos can be found on page 9 and 10 of this report.



Best Regards,

Delora Kerber, Public Works Director

Facilities

Water Feature Maintenance

Facilities teamed up with Parks to perform maintenance on the Murase Water Feature. Staff drained the surge tanks, removed toys and other debris, and pressure washed the inside of the tank. The water features are open for one more weekend of fun.



Hydro-excavation

Staff used the Vactor truck to hydro excavate a trench at the Community Sharing/Art Tech building to install new electrical conduit for parking lot lights. The power was rerouted from the Kiva building, which will be undergoing some big changes in the near future.



Facilities—cont.

Wilsonville Public Library Updates

The Facilities team installed new bollards in the crosswalk between the front door and the parking lot. This will improve pedestrian safety for library patrons.



And, the new library book return in the drive-thru has arrived!



Stormwater

Water Quality Manhole Maintenance

The Stormwater team focused on cleaning public water quality manholes. Maintenance must be done at the driest time of the year, as these devices are collectors for large drainage areas and will be affected by even a small amount of precipitation. Water quality manholes are designed to settle out all the suspended solids and filter pollutants that are collected from surface water runoff. Staff cleaned about 150 water quality manholes and other water quality facilities that play an important role in keeping rivers and streams clean.



Stormwater level spreader—Before and After

Roads

Manhole Repair on Wilsonville Road

The Roads Department hustles during the warm, dry months. Staff have been doing road repairs, including fixing a loose manhole and patching the surrounding road surface on Wilsonville Road. Staff also repaired a failed section of road in the Villebois neighborhood.



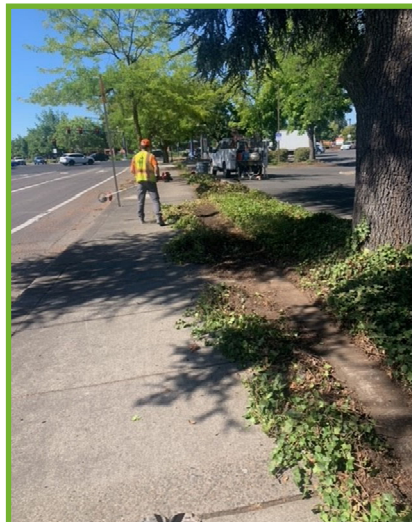
Roads—cont.

Thermoplastic Markings, Signs and Landscape Maintenance

The crew put our new thermoplastic heater to good use repairing crosswalks. This equipment allows staff to apply preformed thermoplastic at a much faster and more consistent rate. We look forward to placing or refreshing crosswalks and symbols around town.



The Roads team also completed another round of landscaping in city-maintained medians and sign maintenance. They replaced the stop sign at Tooze and Westfall Road that was found knocked over.



Utilities— Wastewater

Sewer Inspections and Cleaning

The Wastewater crew continued cleaning sewer lines and performing closed circuit television (CCTV) inspections. This month, the crew performed a CCTV inspection of the storm and sanitary piping at the new Public Works facility in order to identify any defects before paving begins.



David at work in the CCTV van

Staff tackled a unique challenge this month: retrieving an 18 inch wide by 30 inch long plywood board that had made its way into the 30 inch Interceptor sewer that runs down Boones Ferry Road in Old Town. The board likely came from construction work in the area. On the first attempt, the crew performed a manhole entry and attempted to grab it. They were not able to obtain a good grip and the force of the flow pushing down on it was too much. The second attempt was successful and involved jetting water from a downstream manhole using the largest cleaning nozzle available. They recovered it from the downstream manhole and prevented serious consequences, such a blockage in the pipe or at the treatment plant.



The offending board



Jared driving the camera

Utilities— Water

Work Orders, Water Line Samples and Vault Inspections

High temperatures and dry conditions mean increased water use and our Utility Billing Department sends over any suspiciously high meter reads. Seeing an increase in consumption during the summer months is normal, but occasionally, a big spike in usage can mean there is a leak in an irrigation system. Staff also collected bacteriological samples to test new water lines that have been installed as part of residential construction projects at Frog Pond and Canyon Creek South. In addition, they inspected utility vaults to ensure that the sump pumps are all operational and to put eyes on the valve or meter that is housed within the vault.



Hydrant Maintenance

The crew has been taking advantage of the dry weather to paint fire hydrants. Hydrants are being painted along Boeckman, Canyon Creek, Parkway, and Wilsonville Roads.



Prepping to paint



Spraying the hydrant

Public Works Complex, cont.

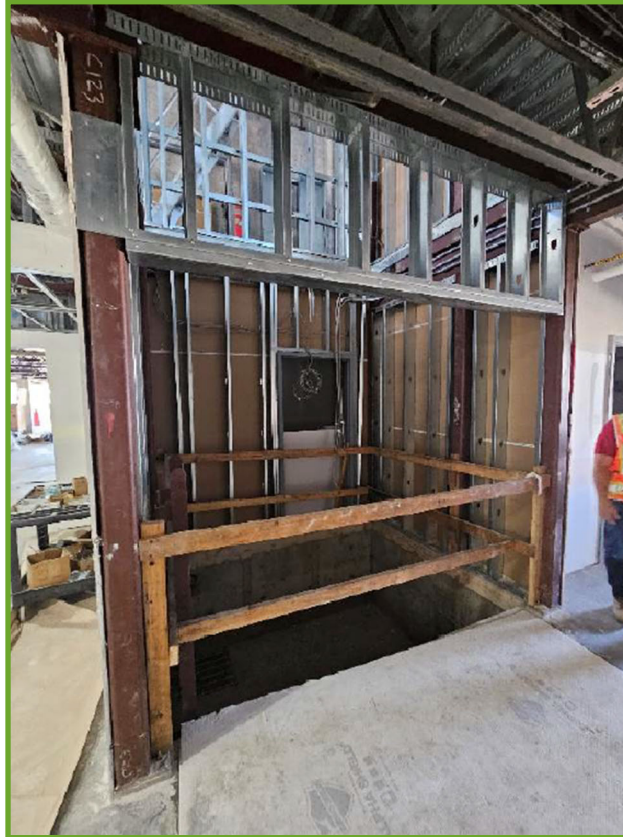


Material storage bins (building E)

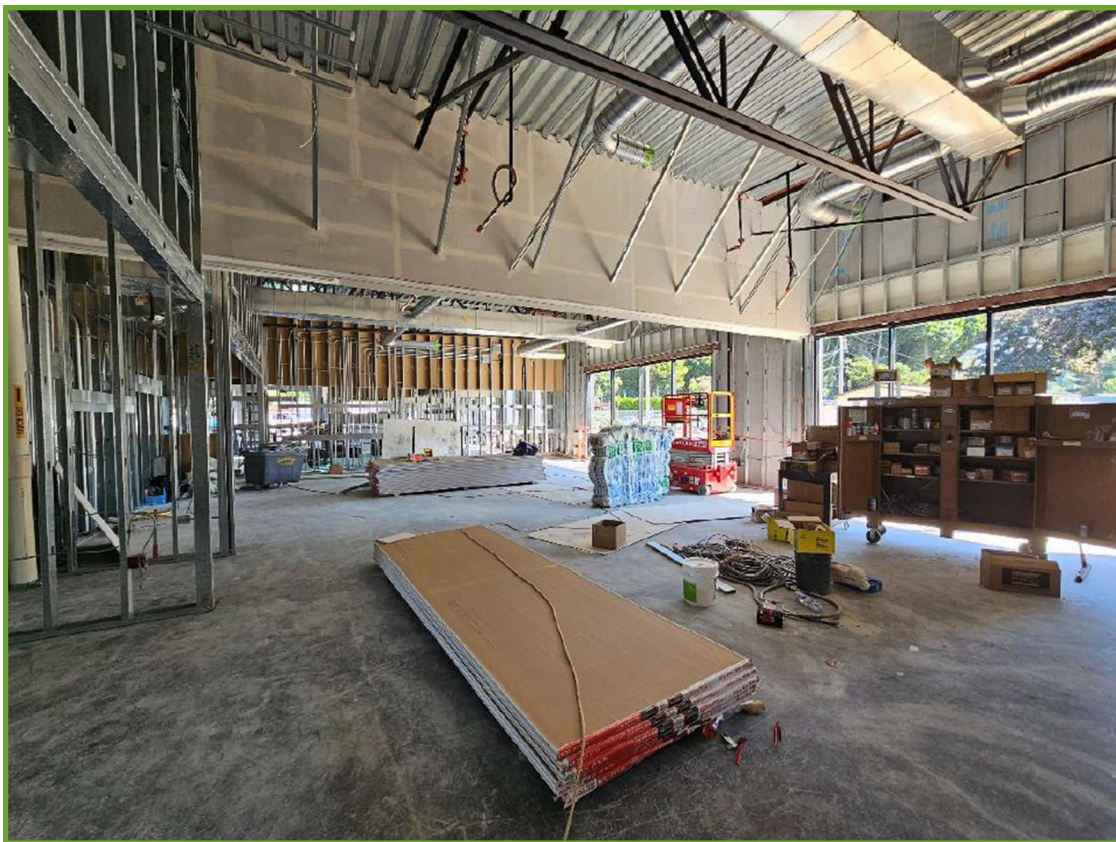


Inside warehouse (building B)

Public Works Complex, cont.



Elevator shaft (building A)



Large conference room (building A)