

**From The Director's Office:**

The week of May 21—27, 2023 was designated as National Public Works Week.

This year's theme of **"Connecting the World Through Public Works"** highlights the way public works professionals connect us physically, through infrastructure, and inspirationally, through service to their communities, whether as first responders, or daily workers carrying out their duties with pride.



Public Works helps keep communities strong by providing an infrastructure of services in transportation, water, wastewater, and stormwater treatment, public buildings and spaces, parks and grounds, emergency management and first response, and right-of-way management. They are what make our communities great places to live and work and are the thread that connects us all, no matter where we live in the world. Every public works professional strives to improve the quality of life for the community they serve, leading to healthier, happier communities.



*Celebrating Public Works and Parks Maintenance Staff*



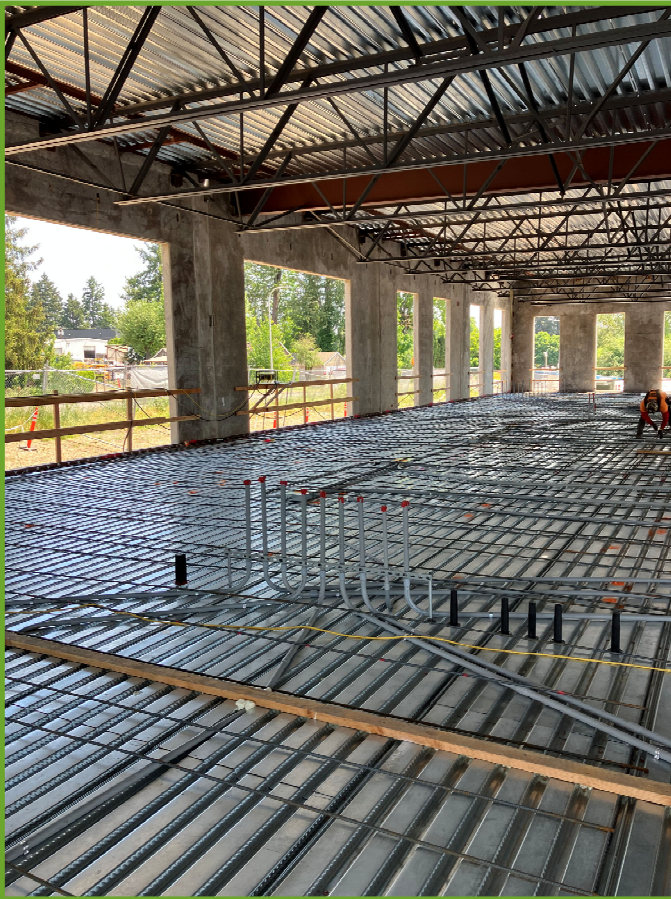
**Best Regards,**

**Delora Kerber, Public Works Director**



## Public Works Complex

Last month conduits were placed on the metal subfloor prior to the pouring of the finished concrete floor for the upper level of the administration building. The remaining exposed metal subfloor is where carpet will be inset and be flush with the concrete. Roof trusses were installed on the warehouse.



*Upper level with metal subflooring—before*



*Upper level after concrete flooring was poured—after*



*View of the warehouse looking northwest. Block walls for trash enclosure are in the foreground*



## Administration

### CarteCon 2023

Staff from Public Works and Engineering attended a three day conference in Arlington, Texas focusing on the City's asset management software, Cartegraph. The theme was "High-Performance Operations" with sessions demonstrating Cartegraph's role in maximizing efficiency. Presenters from across the country shared their experiences with setting up their asset management data, best practices for employee workflows, and explored the potential applications for the program in government.



Staff agreed from the 90 plus sessions offered, top sessions from the conference included:

Automation Manager Best Practices which provided information on how to help your staff spend less time on repetitive, tedious tasks and focus more on the work that matters with Automation Manager in Cartegraph Asset Management. The session, introduced to a variety of workflow automations that could save time, eliminate bottlenecks, improve accuracy, and keep employees in the know.

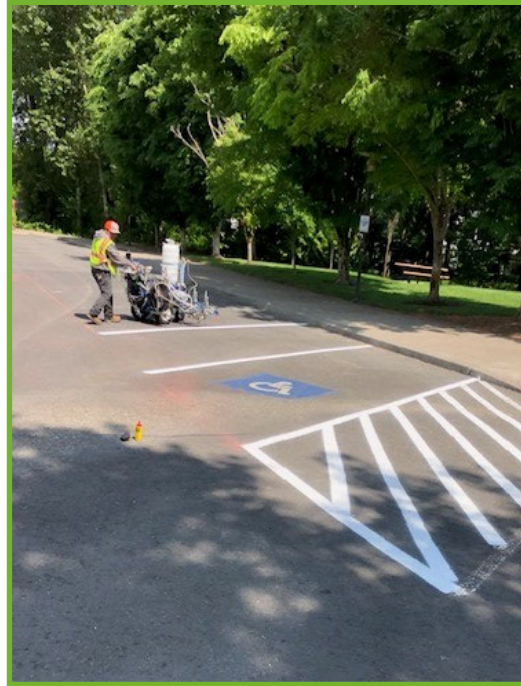
Cartegraph Asset Management for Facilities where management experts showed how the software's floor-aware capabilities can help pinpoint, map, and manage interior assets within buildings. Attendees learned how to associate reactive and preventive maintenance work against interior infrastructure, to gain a truer sense of the operational costs, and the overall ease of reporting on activities occurring within buildings.

Putnam County, NY Pavement Inventory and Assessment where attendees learned how the County used a third-party to perform the inventory and process and configure the data in Cartegraph Asset Management software.

## Roads & Stormwater

### Mowing, Striping and Signs—Oh My!

Our Roads team completed a variety of tasks this month. Staff trimmed vegetation at the Beauty and the Bridge, and mowed at the White Oak mitigation site at Barber and Kinsman Road. Parking lots at Town Center Park and Fleet were restriped. Staff also completed sign installations and patched a pothole on Grahams Ferry Road at Barber.





## Roads & Stormwater cont.

### Keeping That Water Flowing

Staff continued assessing the City's irrigation system and addressing repairs before the warm summer season arrives. The crew tackled pipeline repairs in the roundabout at Boeckman and Kinsman Road as well as the bio swale on Boeckman Road that covered a large area and required the use of the vactor truck.

The Stormwater team cleaned over 500 catch basins this month. They have maintained 950 out of the 1,000 catch basins that required cleaning.



*Inspecting an irrigation zone*



*Vactoring for irrigation repairs*



*Cleaning a catch basin*



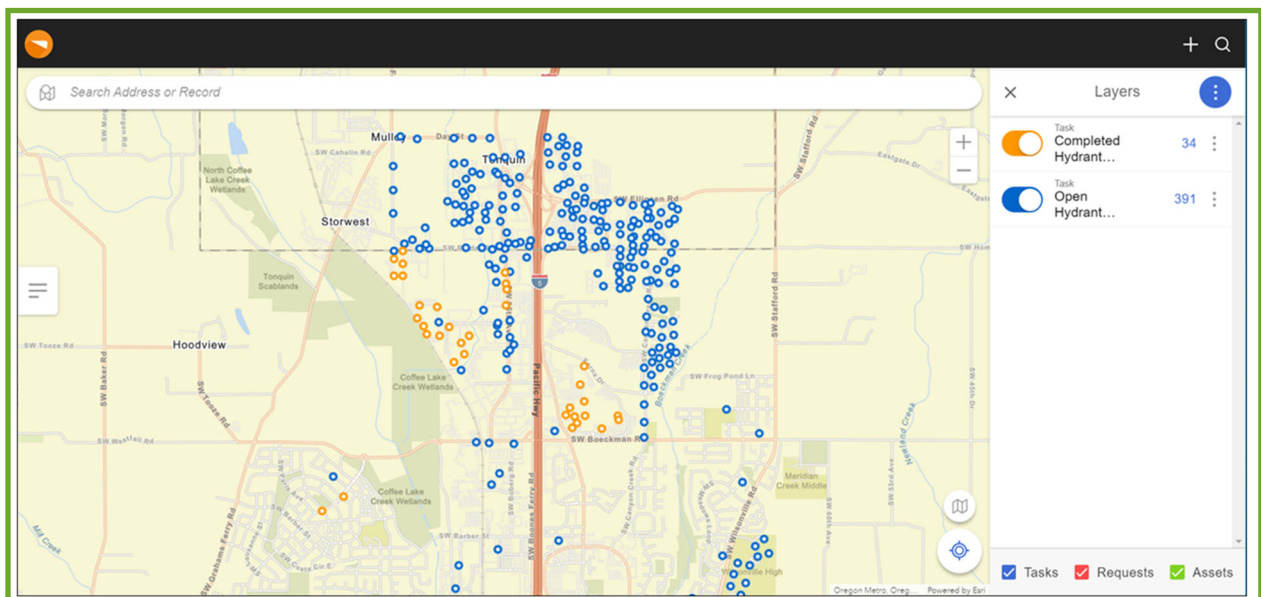
## Utilities—Water

### Hydrant Flushing & Repairs

Each year during the month May, the Water crew performs flushing of the distribution system. Water main flushing is one of the most important preventative maintenance activities. Over time, water settles, ages and is affected by mineral deposits and loose sediment that slowly build up. Regular flushing is crucial for good water quality. Another benefit of this annual maintenance is that operators verify the proper operation of the hydrants. If a hydrant is found to be malfunctioning it is promptly repaired.



The crew utilizes Cartegraph for the flushing program to track which hydrants were actuated for flushing and to give the crew members of their progress. Having a current view of where the crew is flushing is also very helpful when receiving phone call inquiries from residents about where flushing is taking place.





## Utilities—Wastewater

### Progress with CCTV Inspections and a Manhole Lift

In addition to helping out with hydrant flushing, the Wastewater team made good progress with sewer cleaning and inspections. They also assisted Engineering with field verification for the planned Charbonneau lift station. They performed a closed-circuit television (CCTV) inspection of the sewer and storm water infrastructure on Garden Acres in preparation for the construction warranty bond walk through. The crew also completed a manhole repair which required uncovering a buried manhole and raising it up to grade.



*Buried manhole— Before*



*With a new lift— After*

### Hazmat Training

The crews participated in the annual Hazmat refresher class, which covered how to respond to a chemical spill, and the use of the Emergency Response Guidebook (ERG) in order to identify contents of containers, trucks and railcars and what steps need to be taken if a spill is encountered.



*Crew attending a safety training*



## Facilities

### Annual Water Feature Maintenance

The water features at Murase Plaza in Memorial Park and at Town Center Park received a thorough cleaning in preparation for the season. To prepare for safe splashing, staff thoroughly flush and clear the water features of debris. Each feature has a water filtration system that uses special sand filters to keep the water clean. The process takes several days and requires special safety precautions.

