



# Public Works

## Staff Report for February 2022

---

Report Date : February 25, 2022  
To : Jacque M. Betz, City Administrator  
Copy : Mayor and City Council  
From : Darren Caniparoli, Public Works Director

---

### PARKS:

Crews have begun the work of preparing the parks for the arrival of spring and warmer weather, that includes many tasks including cleaning and safety checks. Crews have begun pressure washing all hard surface structures, walk ways, sidewalks, picnic structures, benches and play structures.

This past week play chips were installed at Robin hood Neighborhood park, Meldrum Bar Park, Max Patterson and Dierickx Field, parks that all have play structures. Play chips serve as fall protection for our park users, play areas will be raked weekly to maintain proper depth of play chips in fall areas as required as part of playground safety specifications.



Graffiti continues to be an issue City wide, the area referred to as the bulk head is a popular place for large scale graffiti. Crews spend an abundance of time painting over graffiti regularly at this location. Unfortunately, there are multiple locations that we find graffiti daily. Staff cleans graffiti that we find or received reports of whether it be graffiti on picnic tables, benches, garbage receptacles, buildings, bridge bulk-heads and park bathrooms inside and out. Sadly, this problem will not go away but it has become a much larger problem over the past couple of years.



Bathroom stall doors have been installed in the bathrooms at Meldrum Bar Park, this has been a long time request from park users and we are happy that this project is very close to being done. The installation of these doors are an upgrade to the facility, one we hope park users will be happy with!

Crews continue to work on substantial repairs to several of our City park bathrooms, repairs that are due to vandalism related damage. The Public Works Department hope to have the repairs completed soon which will allow for the bathrooms to be re-opened.



## STREETS:



Installation of street name and traffic signs is ongoing, so far crews have installed 133 total signs in Zone 1. This project will continue throughout the City until all signage has been updated to the new required MUTCD standards.



Staff is working to prepare for several upcoming projects that will take place this summer, one is the annual slurry seal project. Staff has identified several areas within this year planned slurry seal area that will require asphalt repairs, crews worked to mark these areas so quantities can be calculated for the bid process. Residents who live in the areas of asphalt repairs and or the slurry seal will receive additional information prior to the projects as to reduce conflict and inconvenience during the scheduled work.



## FACILITIES:

- Twice a month inspections and bi-weekly repairs continue for all City facility buildings, Public Works, Civic Center, Senior Center, and Fire Station.
- New IT closet was constructed with the aid of Robert to hook up the new fire control panel at the Gladstone Fire Department
- Repaired dumpster fence in Civic Center parking lot
- Radio tower at old City hall building was removed with the assistance of Robert

## WATER:

- Utility billing service orders.
- Hazard meter box repairs/meter maintenance ongoing.
- Utility locates, GIS map updates ongoing.
- Routine coliform sampling, system chlorine residual monitoring ongoing.
- Routine pumpstation/reservoir inspections ongoing.
- Annual parts inventory in progress.



Crews responded to a water service leak on Hardaway Ct. This 1" PVC black poly material line has experienced multiple leaks/repairs in the past. Faulty pipe material appears to be the cause of repeated failures and leaks. We repaired the current leak and put the entire service line on the maintenance schedule.



Crews conducted valve investigations in the Sherwood Forest neighborhood. Crews located, marked, performed GIS map updates as needed and recorded as built for each valve in the neighborhood. Also, crews identified and replaced to valve boxes, which ensures accessibility of neighborhood isolation valves.

Crews began an investigation of “normally closed valves” for a project that will update normally closed valves on the GIS mapping system as well as include physical markers in each normally closed valve box. Normally closed valves are to remain off under normal operating conditions as they are essential in segregating piping segments such as those that connect different pressure zones.



## SEWER:

- Completed annual routine sanitary main line cleaning in the WES Barton Pumpstation basin. Overall crews completed cleaning of 77,200 total feet, during the month of February crews cleaned 16,191 feet.
- Locates/GIS map updates continue to be ongoing.
- Routine monitoring of Smartcover/Flowmeter telemetry.
- Monitoring recently installed bypass diversions in Portland Avenue manholes in an effort to continue to reduce sanitary sewer overflows by alleviating flow from the W. Clackamas Blvd. 15” mainline.
- Currently reviewing CCTV inspection reports as part of a larger internal project to make the entire sanitary sewer system accessible for maintenance.
- Completed quarterly “hot spot” line cleaning.
- Troubleshooting flow meter/rain gage performance issues. These instruments play key roles in monitoring how rainfall affects flows in the 15” W. Clackamas Blvd sewer line, which is connected to sanitary sewer overflows into the Clackamas River.



Crews investigated a possible sewer leak in the area of 7190 Los Verdes. Following an in-depth investigation, it was determined to be groundwater and apparent contaminated soil which was coming to the surface. No current sewer leak was found.

## STORM:

- Locates/GIS map updates continue to be ongoing.
- Catch basin/headwall cleaning to mitigate flooding.
- Completed City wide street sweeping based on the new monthly sweeping schedule.
- Currently reviewing recent CCTV inspection reports as part of a larger internal project to make the entire storm system accessible for maintenance.

## SAFETY TRAINING:

- Public Works Department wide training for February was: Hot saw training, this training was conducted by longtime crew member Chris Mott.



## ADMINISTRATION:

- Working with Kittelson & Associates to develop drawings for the Webster & Cason crossing project.
- Identifying areas for the pavement repair project that will take place this summer.
- Working with DEQ and Clackamas County Co-permittees to revise NPDES stormwater permit mercury TMDL (Total Maximum Daily Load) implementation plan to address updated EPA/DEQ standards.
- Reviews and processing of responses to all Building Permit applications from Clackamas County. Submitting Building Permit Release Letters to the County Building Permit Division.
- Working with Oak Lodge Water Services to update and clarify our IGA (intergovernmental agreement)
- Working on OHA (OR Health Authority) state drinking water program and 2019 water system survey deficiencies corrective actions.
- Water system risk/resiliency plan and emergency response plans for EPA and State Drinking Water Services compliance.
- Evergreen Ln Storm Line project, easement for survey obtained and we are awaiting information from Clackamas County to be able to proceed with storm line repairs.
- Working with Regional Water Providers Consortium partners on emergency preparedness.
- Barclay storm/street upgrade project, 100% drawings have been received. RFP has been posted for bids with a closure date of March 16, 2022.

- Working with Brown and Caldwell engineers to develop water system unidirectional flushing (UDF) maintenance plan/program.
- Completed drafts of maintenance standards for sewer and storm systems. Working on development of water maintenance standards.
- ROW Permit audits continue with our local utility companies and Franchise holders.
- ROW Permit management: Identifying and working on resolutions regarding unlicensed contractors working within our ROW under permit issued to Franchise holders.
- Development inspections and Plan reviews for 4 private developments projects.
- Project Data Collection: As-Builts and Stormwater Management Agreements.
- Asphalt Repairs RFQ put out for repairs needed to be completed prior to the annual slurry seal project.
- North Clackamas Watershed Project planning.

*Leadership and Learning Are Indispensable to Each Other*

*~ John F. Kennedy*