



Public Works

Staff Report for May 2022

Report Date : June 3, 2022
To : Jacque M. Betz, City Administrator
Copy : Mayor and City Council
From : Darren Caniparoli, Public Works Director

PARKS:

A “working field trip” program brought 4th and 5th graders to Meldrum Bar Park. An educational program between Environmental Protection Estuary Partnership and North Clackamas School District allows students to take part in working field trips, learning about the removal process of invasive species while actually doing it. This particular trip, students focused on the removal of invasive black berry bushes at Meldrum Bar Park, the students made substantial progress in removing and clearing an area that once done crews will be able to gain access to the trees which are currently covered in ivy. A great opportunity for a positive partnership!



- Trash pick-up and bathroom cleaning in all parks two days a week, with check and quick cleaning Wednesdays
- Stocker, Ames, Cross, High Rocks, Max Patterson, Dierickx, and Meldrum being mowed once a week “Ongoing”
- Robin Hood, Nick Shannon, Nature, Ridgeway, and Abernathy Ln. Mowed every other week “Ongoing”
- All parks are getting hard and soft edging done every other week “Ongoing”
- Assisted Community Garden at Meldrum with a large amount of debris removal
- Meldrum Bar Park was Bark Dusted
- Broadleaf spraying was done on all lawns at: Stocker, Ames, Dierickx, Max Patterson, and Meldrum
- New Honey Bucket was replaced at Meldrum behind field #4.
- Meldrum Pit Toilet pumped out by Byers Septic
- Water Fountains are turned on at all City parks



Unfortunately, we have seen an uptick in costly vandalism, starting with the fee station machine at Meldrum Bar Park. This was a costly incident of vandalism, the part to fix the machine was \$2600.00, in addition to the several days that the machine was out of service due to this criminal activity; the cost of this vandalism is truly unknown.



STREETS:

Crews have been working on crack sealing, using the departments new crack sealing machine. Crews are taking advantage of any good weather that comes their way to get the crack sealing machine out. Crews are working on preparing our roadways for two upcoming projects, our Pavement Repair Project and our Annual Slurry Seal Project both scheduled to take place late spring and summer.



The street Department has also been out working on hot patching several areas in town. These are large patching areas in which cold patching is not ideal. Hot patching is an important tool when it comes to maintaining our streets. Having both new pieces of the equipment, the crack sealer and hot box our Streets Department is going to be able to make more substantial repairs and have them last.

In the month of May, 20.75 tons of hot asphalt was laid by our Street Department while repairing our roadways

FACILITIES:

- Once a week inspections of janitorial cleaning "Ongoing"
- Bark Dusting of Senior Center completed
- Overgrown hedge in Senior Center parking lot trimmed
- Cleaning and reorganizing storage areas in Public Works in preparation for construction of new facility
- All emergency generators were serviced by Cummins
- All Windows cleaned inside and out of: Civic Center, Senior Center, and some at Public Works by Rose City Windows

FLEET:

- Water pump on Ingersoll Rand Roller #80 diagnosed and repaired
- Flat tire repaired on baseball trailer
- Welded steel frame and added plywood to trash trailer
- Side canopy window repaired on vehicle #46
- Rear wheels and rear axle repaired on #91 walk behind Hot Saw
- Exmark mower #85 inner and outer guards repaired
- Water buffalo trailer #93 tank strap replaced and all straps adjusted
- Windows fixed in Backhoe #62
- Added a new Crack Sealer to the fleet

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.
- Utility billing door hangers for nonpayment, shutoffs following week.
- Performing investigations at the Webster Reservoirs in order to update reservoir complex mapping.
- Performing investigations and developing a list of water system normally closed valves in preparation for water system unidirectional flushing program development.
- Prepping utilities for street slurry project. Replaced $\frac{3}{4}$ " water service on Columbia Ave and relocated meter box from street travel lane to the edge of ROW.
- Prepping utilities for street paving project.
- Performing investigations to locate water system check valves and pressure regulating valves which play a key role in separating pressure zones.



The Water crew works to repair a leaking $\frac{3}{4}$ " service on Monticello Dr. Using the Vactor truck to assist in excavating the area using pressurized water and the strong suction from the Vactor truck crews can minimize disruption to the area while accessing the lines in which need to be repaired.

The Water crew worked to repair a 2" PVC water main break which occurred during the installation of a catch basin at Yale Ave and Arlington St. We had all hands on deck to deal with this water main break, bringing in crew members from other departments to lend a hand.



Sometimes in Gladstone you crews come across things that make one wonder what and why? Yes, that is a water meter box in the middle of a residential roadway in town, on Columbia Ave., if we're being specific. Crews worked to relocate the water meter to the proper location which is at the edge of the Right of Way (ROW) which allows for the distinction of customer side and City side.



Crew member Jeff Shepherd working to move the water meter to the edge of ROW, working behind the customers retaining wall in order to minimize disturbances as much as possible. The finished product looked great and we no longer have a water meter in the middle of the roadway!



SEWER:

- Locates/GIS map updates ongoing.
- Routine monitoring of Smartcover/flowmeter telemetry.
- Monitoring recently installed bypass diversions in Portland Avenue manholes to help reduce sanitary sewer overflows by alleviating flow from the undersized W. Clackamas Blvd. 15" mainline.
- Currently working with Oak Lodge to conduct Gladstone sewer system CCTV inspections as part of a larger internal project to make the entire Gladstone sanitary sewer system accessible for maintenance.
- Prepping utilities for both upcoming street paving and annual slurry seal project.

STORM:

- Locates/GIS map updates ongoing.
- Catch basin/headwall cleaning to mitigate flooding.
- Completed Citywide street sweeping.
- Currently working with Oak Lodge to perform CCTV inspections on Gladstone storm system as part of a larger internal project to make the entire Gladstone storm system accessible for maintenance.
- Prepping utilities for street slurry project. Replaced 1 catch basin.
- Prepping utilities for street paving project. Replaced 11 catch basins.

The utility crews have been working to install new catch basins (16) ahead of paving projects which will be happening over late spring and summer. This catch basin installation is at the intersection of Berkeley St. and Chicago.



ADMINISTRATION:

- Working with Kittelson & Associates to develop drawings for the Webster & Cason crossing project.
- Pre-Construction meeting with Jim Smith Excavation for Barclay Storm Line Project. Currently the project is in the beginning phases.
- 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.
- 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, revisions to the easement documents are in process, documents will be resubmitted to the county for final approval.
- Working with Regional Water Providers Consortium partners on emergency preparedness.
- Working with Brown and Caldwell engineers to develop water system unidirectional flushing (UDF) maintenance plan/program.
- 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.
- North Clackamas Watershed Project planning.
- Managing the final stages of the RFP for the Fire Station Remodel project, pending approval of contract from City Council.
- Final Inspections, project close-outs and reviews of Certificates of Occupancy request for private commercial projects at 740 82nd Dr. and the OHA project located at 18000 Webster Rd.
- Paving RFP posted for the Pavement Repair Project which will take place late spring
- Prepared contract documents for the Annual Slurry Seal project in a joint procurement effort with the City of Hillsboro, pending contract approval from City Council.
- Private Development with Clackamas County, approval of 16 building permits, 12 remodel permits and 2 sign permits in May.

“Your talent determines what you can do. Your motivation determines how much you’re willing to do. Your attitude determines how well you do it.”

~ Lou Holtz, Former football player, coach and analyst