



925 S. Main Street
Lebanon, Oregon 97355
TEL: 541.258.4923
www.lebanonoregon.gov

MEMORANDUM

Engineering Services

To: Mayor Jackola and City Council
From: Ron Whitlatch, Engineering Services Director
Subject: **Engineering Update – June 2024**

Date: June 25, 2024

CAPITAL IMPROVEMENTS

- As time allows, Engineering Staff continues to work on designs for additional small sewer replacement/rehab projects. These include:
 - East Ash (between Carlson and Creswell)
 - Fourth Street (between Maple and Grant)
 - Main extension along Division Way (this project will serve US Bank who is currently on a septic system). Armstrong & Associates Construction is expected to be complete by July 1.
 - Udell Engineering is currently working on a survey to extend sanitary sewer on Grove Street (between Carolina and Dodge). They will also be collecting survey data for an additional sewer replacement on Grove Street from Milton to Elmore. Once we have the surveys, Staff will begin design in preparation for fall bidding.
 - Grove Street and Ash Street Sanitary Sewer Extension
 - Staff is continuing to receive applications for replacement of sanitary sewer laterals (through the Small Sewer Lateral Replacement Program).
- Kennedy Jenks Engineering (KJE) and City Staff are continuing to move forward on the development of the Wastewater Treatment Plant Master Plan. KJE is working with DEQ to determine permit constraints for our new NPDES Permit that is scheduled to be issued in 2025. The Master Plan process has slowed some over the last couple of months as we are waiting to see what the proposed NPDES Permit requirements will look like prior to finalizing the master plan. It is likely this process will take us through the summer months.
- Trails Update:
 - Design of the multi-use path along Airport Road (in conjunction with the Airport Road/Stoltz Hill Signal Project) from Seventh Street to Burkhart Creek will be completed with the signal drawings and incorporated into the overall project. This includes taking the existing overhead powerlines and converting them to underground.
 - The trail to connect the Old Mill Trail and the River Park Trail in the Gills Landing Parking lot was awarded to Santiam Canyon Excavating at the June City council

Meeting. Construction will likely begin around July 1. Build Lebanon Trails is funding construction of the project.

- The City has received a Recreational Trails Grant to complete a segment of trail adjacent to River Park. Design is currently underway, but due to current workload, the construction will likely happen in spring of 2025.
- Emery & Sons Construction has completed the Westside Interceptor Project. We are currently working on final payment and close out.

Approved GMP Values		Contingencies Used to Date	
Construction Cost	\$18,029,671.95	Contractor Contingency	\$254,900.97
Contractor Contingency	\$398,026.75	City Contingency	\$692,179.00
City Contingency	\$995,066.86	Allowances Spent to Date	
Contractor Allowances	\$1,902,065.32	Trench Foundation	\$107,733.78
Total GMP Approved	\$21,324,830.88	Dewatering	\$429,579.64

- Willamette Valley Excavating continues to make good progress on the Seventh Street Reconstruction Project (Oak to 'F'). A majority of the new storm line and sanitary sewer line has been installed and they are currently working on the water line replacement. currently underway. Due to the amount of non-local traffic continuing to ignore road closed signs and barricades, we will likely jersey barrier several of the cross-streets to mitigate conflicts (close calls) with motorists and construction workers/equipment. The project is scheduled to be complete by the end of the year.
- Staff has received comments back from ODOT for a design approval of several sidewalk access ramps on Grant Street between Park and Second Street. We will be making several revisions in order to satisfy ODOT. Staff is actively designing the waterline replacement and street upgrades on Grant Street between Main Street and Fifth Street. A meeting with Union Pacific Railroad (UPRR) and Albany and Eastern Railroad was held on-site in December. Based on UPRR comments, it appears that the Rail Crossing on W. Grant will need improvements. Staff will be navigating what improvements and the costs associated with them in the coming months to determine overall financial impacts to the project. This new information will likely delay the project.
- As Staff is available, we are continuing the process to update the City's five year Capital Improvement Projects Plan. This effort will likely take several months (being done as Staff time allows) to complete. Staff will bring the completed document to the City Council for approval sometime in 2024.
- Design for the new Traffic Signal at the intersection of Airport Road and Stoltz Hill Road is in final review. Staff will advertise the project for bids later this summer which will allow for the successful bidder to begin work going into the fall and also begin ordering traffic signal components (which have a 6 to 9 month lead time). The timing will also set the contractor up to finish the project (which will require Airport Road to be closed for a period of time) immediately after school is out in early summer of 2025. The project also includes waterline extension on Stoltz Hill Road, sanitary sewer extension on Airport Road, storm drainage improvements, sidewalk and driveway installation, and a multi-use path along Airport Road. The needed right-of-way acquisition for the project is complete.

- The Beaton Lane/Tennessee Road Rapid Flashing Beacon Project is 90% complete. One of the controllers for the RRFB was defective, and we are waiting on a new one for final completion.
- Udell Engineering is working on a conceptual master plan for the Cheadle Lake Park which has been reviewed by the Parks, Trees, Trials Committee. The cost estimate for the initial conceptual design was substantially more than we have available in funding. Staff and Udell Engineering will come up with an alternate design with a much more paired down scope, with the focus being on accessibility improvements, backbone utilities, and hopefully a stage/event area. It is likely construction will take place in 2025.
- Staff began advertising the Third Street Alley Sewer Re-habilitation Project in June. A recommendation to award will be requested at the July City Council Meeting. This will be a Cured In Place Pipe installation which will eliminate the need for excavation due to its location in the alley and having very little maneuvering room. The existing line has multiple failures and a substantial amount of infiltration.
- Udell Engineering is currently under contract to provide the Topographic Survey for design of Fifth Street (Tangent to Mary). Kittelson Engineering is also under contract to begin warrant analysis for a traffic signal at the intersection. This project will re-construct this portion of Fifth Street and likely add a traffic signal at the intersection of Fifth and Tangent (assuming it meets warrants and has ODOT approval). We had anticipated starting design early in 2024, but due to current workload (consultants and City Staff) that has been pushed back to fall 2024.
- Staff is currently wrapping up design of the Willow Storm Drainage Extension Project. We intend to advertise this project for bids within the next month with construction this fall.

ENVIRONMENTAL

- Staff has been actively working on our required TMDL update to DEQ. The update was submitted and has been approved by Oregon DEQ. As time allows, we will begin updating the City's Five-Year Matrix and submit it to DEQ for approval. In the coming months, there will also be a big push by DEQ to begin the water temperature requirements for each jurisdiction. The City will not know the impacts of this, if any until the new regulations have been issued. It is possible that the new regulations (which tie into the City's NPDES Permit Update) could require action at the Wastewater Plant in order to mitigate temperature. The TMDL will require more extensive water quality efforts for storm drainage included in future projects and require testing of storm drainage outfalls as well as temperature controls in the near future. In conjunction with the TMDL requirements, Staff will be sending letters to commercial/industrial properties reminding them to have their private catch basins cleaned yearly to help eliminate pollutants from entering drainage ways.
 - Annual Status report complete and submitted to DEQ for approval.
- Staff is working with Republic Service to complete the Oregon Recycling System Optimization Plan Survey (ORSOP) with Circular Action Alliance (CAA). The data

collected in the questionnaire will be used to prioritize investments and to estimate the full cost of service expansions.

DEVELOPMENT ENGINEERING

- Hickory Lake Apartments water main extension complete with new hydrants online. Contractor working on site utilities and building construction.
- Franklin Grove Subdivision public improvements accepted. Site plans received for single family construction, home construction in process. A few homes have been completed and final.
- Fire Department received final occupancy and public improvements accepted.
- Plans approved for Buckmaster Plumbing new storage building. Contractor working on final punch list items.
- Kees Street extension improvements contractor working on final punch list items.
- Weldwood Dr storage fire hydrant extension and passed testing. Final street patch complete, contractor working onsite.
- Oak St sewer extension plans revised, and project has been scheduled.
- Panda Express corner of Airport and Hwy 20 project pending acceptance once asbuilts received.
- Plans on hold for new subdivision Madelyn Meadows between Walker & Wassom Street.
- Blackrock Apartments corner of Airport & S 2nd final street patch complete, contractor working on site improvements and building construction.
- Mill Race Station RV storage plans stamped approved for construction; public improvement permit issued contractor working onsite improvements.
- Sewer main extension along 12th Street north of Airport approved.
- Plans approved for Wagon Wheel ½ street and water main extension.
- Harbor Freight water main extension complete and contractor working on new driveway approach. On site and building construction in progress.
- Plans received and under review for Cedar Springs subdivision off of Mazama and Fuji.
- Plans received and under review for gas station and convenience store on the corner of Airport & Stoltz Hill Roads.
- Plans receive and under review for N Fifth extension with Hwy 20 access.

