



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 – February 2024**

Date: February 26, 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), and main extension along Division Way (this project will serve US Bank who is currently on a septic system). Udell Engineering is currently working on a design to extend sanitary sewer on Grove Street (between Carolina and Dodge). Once the design is complete, Staff will get three quotes to extend the mainline. Laterals on this block of Grove Street were originally constructed through backyards and all connect on Carolina Street. 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 currently scheduling several site tours of other wastewater plants in March to look at the processes they use. We will be visiting wastewater plants that are currently using the preferred alternatives that we have chosen to get actual operator input and see them work firsthand. Staff has completed the additional testing for the new NPDES Discharge Permit. The Masterplan is scheduled for completion in late spring of 2024. We received word from DEQ that the new NPDES Discharge Permit is now scheduled to be complete in 2025. This is part of the reasoning for slowing the progress on the Master Plan so that we can discuss permit parameters prior to finalization of the Master Plan.
- 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. Staff has completed a design for a trail to connect the Old Mill Trail and the River Park Trail in the Gills Landing Parking lot. BLT is currently looking for grants along with donations to complete this project. The City has submitted and received a Recreational Trails Grant to complete a segment of trail on the Albany Property next to River Park. Design is currently underway, and we anticipate construction early this summer.
- Emery & Sons Construction has completed sanitary sewer pipe installation on Crowfoot Road (from South Main to View Lane) and also the final phase of the project on South Main Road (Crowfoot to Joy). We are still waiting on decent weather to complete the final surfacing (asphalt overlay) on Crowfoot and South Main Roads. Below is the current financial status of the project. This will be updated to reflect changes/additions that occur during construction.

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

- The Seventh Street Reconstruction Project (Oak to 'F') was awarded to Willamette Valley Excavation at the January City Council Meeting. Construction is scheduled to begin on March 4th and expected 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.
- The City is preparing for a new Traffic Signal at the intersection of Airport Road and Stoltz Hill Road. This project will also extend waterline and sanitary sewer line on Stoltz Hill Road from Antioch Street to Airport Road, sidewalk and driveway installation, and likely a multi-use path along Airport Road. The Project Team (Kittelsohn Engineers, Udell Engineering, and City Staff) are moving forward with the final design for the project in anticipation of a summer bidding. The project has been delayed for over a year now due to right-of way needs and ongoing negotiations with a property owner. Linn County is currently in the process of obtaining the needed right-of-way (which is going through eminent domain), while the City is negotiating with the property owner on the north leg of the intersection for a small portion of right-of-way. It is likely that this project will take well over a year to construct as signal pole lead times are currently 6-9 months out.
- Kittelson Traffic Engineers has completed the design (30%) of a round-about at the Cascade Drive/Weldwood Intersection. They are currently preparing a Tech Memo for the City recommending an update to the current Transportation System Plan (TSP) with this project. Staff intends to bring the proposed update to the City Council in the near future. The addition of this project of this project to the TSP will be beneficial in applying for future grants to complete the project.

Staff will be advertising the Beaton Lane/Tennessee Road Rapid Flashing Beacon Project in February. A recommendation to award will be requested at the March City Council Meeting. Build Lebanon Trails has also committed \$20,000 to this project in an effort to get it done.

- Cheadle Lake Park Utility Extension Project is complete other than final striping.
- Udell Engineering is working on a conceptual master plan for the park which has been reviewed by the Parks, Trees, Trails 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 of any improvements will be in 2025.

- Udell Engineering is under contract to provide Engineering Design services for a sanitary sewer line replacement on North Third Street. Staff is working with Udell to determine the best approach to replacing the line since it is located in the alley with very little maneuvering room. The existing line has multiple failures and a substantial amount of infiltration. Once design is complete, Staff will advertise the projects for bids, likely spring/summer of 2024.
- 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 anticipate starting design early in 2024.

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.

DEVELOPMENT ENGINEERING

- Hickory Lake Apartments preconstruction complete contractor to start construction March 4.
- Franklin Grove Subdivision public improvements accepted. Site plans received for single family construction, home construction in process.
- Airport Storage water main extension passed testing and contractor working on final punch list items.
- Bate's Storage off Hansard Ave plans returned to engineer for revisions.
- Industrial Way storage plans returned to engineer for revisions.
- Fire Department received temp occupancy for office contractor completing final site items.
- Plans approved for Buckmaster Plumbing new storage building. Contractor working building addition. Fire hydrant extension complete and operational. Final street patch and site work to be completed weather permitting.
- Kees Street extension preconstruction meeting complete and contractor to start with sewer connection and partial road closure 2/1/24 -2/5/24. Kees Street will remain closed during construction.

- Weldwood Dr storage fire hydrant extension and passed testing. Contractor to complete onsite work and final street patch.
- Oak St sewer extension plans approved.
- Plans approved for new Panda Express Building corner of Airport and Hwy 20. All utility crossing complete, contractor working on final site work and building construction.
- Plans approved for new subdivision Madelyn Meadows between Walker & Wassom Street. Contractor working on sewer main extension and excavation of new private street.
- Blackrock Apartments corner of Airport & S 2nd Street fire hydrant extension complete and passed testing. Final street patch schedule for weather permitting. Contractor working on site improvements and building construction.
- Mill Race Station RV storage plans returned to engineer for revisions.
- Sewer main extension along 12th Street north of Airport approved.