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MEMORANDUM

Engineering Services

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

Date: May 28, 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). This project is currently being constructed by Armstrong & Associates Construction and is expected to be complete by June 3rd.
 - 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 took City Staff on a tour of a wastewater plant that uses some of the technology we will be proposing in the future. KJE is also 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 advertised for bids in May. Staff will present a recommendation to award the project during the June City Council Meeting. BLT 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, and we anticipate construction this summer/fall.
- Emery & Sons Construction has completed the Westside Interceptor Project. There are some minor clean-up items to complete along with the final payment.

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') is currently underway. Willamette Valley Excavation is currently installing sanitary sewer and replacing storm drainage along Seventh Street. Once this is complete, they will begin installation of the new waterline. So far, during construction we have had five water main breaks and multiple service line breaks. A majority of these are due to the poor condition of the existing water system along Seventh Street. 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.
- 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 a multi-use path along Airport Road. The Project Team (Kittelson Engineers, Udell Engineering, and City Staff) are moving forward with the final design for the project in anticipation of a

summer bidding. We have held several constructability reviews in an effort to minimize impacts to traffic on Airport Road. Unfortunately, there will be a period of several weeks that we will have to close Airport Road and route traffic down Oak Street. Staff will utilize press releases, web site, social media, signage, and reader boards well in advance of any closure of Airport Road. The needed right-of-way acquisition for the project is nearly complete, as we are currently going through the Title Company process. 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.

- 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 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 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. 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. The project is scheduled to begin advertisement in June and construction over the summer months.
- 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 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.
- Bate's Storage off Hansard Ave plans have expired and archived.
- Industrial Way storage plans have expired and archived.
- Fire Department received temp occupancy punch list pending asbuilts from private engineer and a few onsite items.
- Plans approved for Buckmaster Plumbing new storage building. Contractor working building addition. Fire hydrant extension complete and operational. Final street patch for water trench complete and sewer connection to be completed weather permitting.
- Kees Street extension improvements completed and final walk through scheduled.
- 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 contractor working on final punch list items. .
- 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 accepted 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.