

Public Works Committee

City of Leavenworth Conference Room
5:30 PM - 6:00 PM
July 14, 2020

Join Zoom Meeting

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Members:

Sharon Waters
Jason Lundgren – *Chair*
Zeke Reister

Agenda Items:

1. Request from Residents United for Neighbors (RUN) / STR in Chelan County
2. \$25,000 Change Order for WWTP Upgrade Project

Status of Current Projects:

1. Waste Water Plant Improvements
2. Front Street Park Improvements – Rolluda Architects
3. Water Meter Project – Water Efficiency Report 25% water unaccounted for

MONTHLY PROGRESS SUMMARY 01

Each month Varela will be providing City staff a monthly project summary. The intent is to keep the City up to date on the status of various projects we are assisting the City with, as well as give the City “heads up” on potential hurdles or anticipated difficulties. The projects include:

1. The Trout Unlimited Project up Icicle Canyon.
2. Wastewater Treatment Improvement Project
3. South Interceptor Collection System Project
4. Phase III, Collection System Improvement Project

The last element of the summary will include an engineering roundup: budget / funding status, next steps, etc.

If there are additional topics you would like summarized monthly, please feel free to comment.

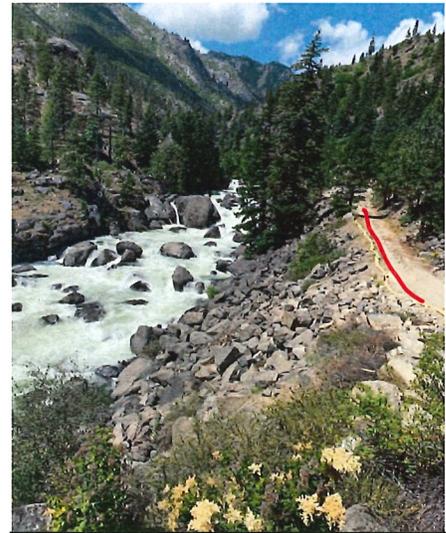
I. Trout Unlimited Project

The Contractor, Strider Construction, has installed the new 16-inch DI Water Treatment Plant Intake Pipe from the Water Treatment Plant to just west of the Snow Lakes Trailhead parking lot.

The Water Treatment Plant is offline, and the City water is currently supplied via its groundwater wells. The City has received permission from DOE to temporarily withdraw groundwater under its surface water right while the Water Treatment Plant is offline. The existing groundwater wells have adequate capacity to supply the City needs.

The Contractor has pumping equipment onsite on standby in the event a well malfunctions and the City needs additional water supply. This equipment has the capacity to provide 800 gpm of surface water to the Water Treatment Plant.

Currently the Contractor has temporarily de-mobilized from the site waiting for the water levels to recede prior to proceeding with construction of the fish pools. The Contractor is tentatively set to return around July 21st.



Adjusted water line location (in red)

II. Wastewater Treatment Improvement Project

The Contractor, Stellar J, began mobilizing onsite May 18 – this included equipment, job shacks, etc. The Notice to Proceed was signed June 11. This results in a projected completion date of September 14, 2021.

Stellar J has initiated construction with the demolition of the small parking area on the river side of the lab building and has excavated to the Tertiary Building footing level in preparation for installation of the under-slab piping.



Though early in the project, Stellar J appears to a competent contractor: is currently on schedule and has staffed the project with skilled workers and project superintendent.

Future summaries will include project budgets and change order status. Potential cost impacts to-date include:

- Hitting unanticipated structure under the Tertiary Building which required some concrete removal in the vicinity of some of the under-slab piping (+/- \$5,000).
- Updating the existing clarifiers motors, starters, etc. per the recommendation of the City's electrical and control's consultant (+/- \$25,000).

The 1st construction pay estimate will be for the period ending June 26 and is scheduled to be presented to the July 14th council meeting for review and approval and is attached. The requested amount has been reviewed and it recommended for approval. Approximately ½ of the requested amount is for mobilization and is consistent with the contract, the remaining amounts reflect the tertiary building excavation and material delivery.

III. South Interceptor Replacement Project

The project has been awarded to Clackamas Construction with a bid (\$1,187,291.63) approximately 10% under the engineer's estimate.

Currently the contract is with Clackamas Construction for execution. After receipt of the signed contracts, they will be reviewed and forwarded to the City for final execution and scheduling of the Pre-Construction Conference. The work is projected to start around the week of July 13th.

This project replaces one of the main sanitary sewer pipes via a combination of open ditch for portions and pipe bursting technology for other stretches where open ditching is not feasible or would be excessive cost. The project lays almost entirely on private property and is, in places, over 20 feet deep. This, like

every project, is not without risk or the unexpected, even the most conscientious contractor is unable to control – e.g. the potential pipe bursting head getting lodged, or difficulties in completely satisfying adjacent landowners, and others yet unknown. City staff and elected officials should understand the risks and be prepared for some potential decisions. Given the nature of the project – decisions may have to be made quickly, i.e. without time for Council concurrence of costs.

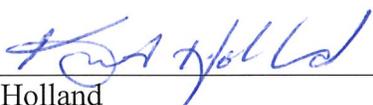
IV. Phase III, Collection System Improvement Project

We anticipate the remaining collection system improvement project to go out to bid the winter / spring of 2021.

A Pre-Design Report was completed and sent to the City. The report summarizes the various sections of recommended collection system piping replacement and further recommends “open cut” or a trenchless options and notes other issues which may require City attention or awareness: i.e. the existing pipe is on private property.

V. Engineering

Several elements of the treatment plant improvements and collection system design were revised and expanded, to meet City needs. As previously discussed, an engineering amendment will be forthcoming. Costs associated with the additional scope and improvements have been planned for and are included in the City’s current Rural Development funding package.



Kurt Holland
Principal Engineer

CC: file