



Public Works Department Monthly Project Progress Report

March 2018

SIXTH STREET IMPROVEMENTS, DECATUR AVENUE TO NORTH AVENUE (STP)

(No change from previous month)

The project design is approximately 72% complete, and HLA will continue design work to provide quarterly billings to keep the project active in the Federal system.

Construction funds are based on the availability of federal funds and the order of project priority established by the Yakima Valley Conference of Governments Transportation Advisory Committee. According to the most current list of project funding, STP construction funds for this project will be available in year 2024.

The City is a member of the YVCOG Transportation Advisory Committee (TAC) where monthly meetings are held, and updates are provided on the status of federal requirements and funding.

YVH/SIXTH STREET INTERSECTION IMPROVEMENTS

On February 12, 2018, the City of Sunnyside awarded a construction contract to Moreno & Nelson Construction, Corp., in the amount of \$772,684.92.

The utility work has gone slower than expected as the Contractor has had a difficult time with the existing soils, and unexpected water and sewer service locations. The Contractor has provided notice of Changed Conditions, and HLA is working with the City and Contractor to work through additional payment and time extension requests.

Intersection Improvements Project Schedule:

- | | | |
|-----------------------|---------------------------|----------|
| a. Construction began | 3/01/18 (50 working days) | |
| b. End Construction | | 05/09/18 |

EAST EDISON HALF STREET IMPROVEMENTS

On Tuesday, March 3, 2015, HLA met with both the City and School District to discuss the status of the project. As the limits and scope of the project have changed, the City has taken over responsibility for completing the project. In November 2017, the City was notified they were awarded TIB funding to construct the proposed improvements.

TIB Consultant Agreement for remaining engineering design and environmental services was authorized by City Council on January 8, 2018, and the construction documents are 95% complete. Landscaping requirements at the mall must be determined before plans can be completed

Right-of-way acquisition is required prior to construction and will be completed by Yakima County. The County is in the process of preparing offer sheets to property owners for right of way. The City must have ROW procedures in place prior to offer sheets being signed by the City.

Reiss-Landreau Research (RLR), was hired to complete the required cultural resource survey. RLR has finished writing the report and it was submitted to Yakama Nation and Department of Archeology and Historic Preservation (DAHP) on April 2, 2018. The 30 day comment period ends May 4, 2018.

A project schedule will be established when right-of-way acquisition nears completion.

RUNWAY 07/25 REHABILITATION AND TAXIWAY RECONSTRUCTION IMPROVEMENTS

The project has been awarded to Granite Construction Company in the amount of \$3,539,716.90. Contract work resumed on March 12, 2018. To accommodate the Contractor's schedule, an airport closure has been coordinated with the FAA beginning April 9, 2018. During the airport closure limited access to the airfield will be available for tenants and users.

The anticipated project schedule is as follows and is dependent on weather and material availability.

Project Schedule:

- | | | |
|----|------------------|---|
| a. | Winter Shutdown | October 31, 2017 |
| b. | Project Restart | March 12, 2018 (94 working days remain) |
| c. | End Construction | July 16, 2017 (anticipated) |

E. EDISON AVENUE SIDEWALK IMPROVEMENTS (7TH TO 9TH STREET)

The City of Sunnyside executed an agreement with HLA to prepare Contract Documents for replacement of existing sidewalk adjacent to East Edison Avenue between 7th and 9th Streets. Design and construction is being funded by the Transportation Improvement Board (TIB) and the Surface Transportation Block Grant (STBG) program.

Project Schedule:

- | | | |
|----|--------------------|--------------------------------|
| a. | Advertise for Bids | April 4, 2018 |
| b. | Open Bids | April 26, 2018 |
| c. | Award | May 14, 2018 |
| d. | Begin Construction | June 4, 2018 (30 Working Days) |

WWTP SLUDGE DEWATERING IMPROVEMENTS

Construction of this project began on August 14, 2017, and was substantially complete on January 11, 2018. All remaining punch-list items are complete except for the contractor's equipment O&M manuals and closeout documentation. We anticipate this work being completed this month. HLA will prepare the final progress payment and notice of completion when all punch-list items are complete, and all closeout documentation is received.

SUNNYSIDE COMMUNITY HOSPITAL OFFSITE IMPROVEMENTS

The City intends to design and construct the offsite utility infrastructure needed to serve the new Sunnyside Community Hospital. Work has been ongoing to support the development on an as needed basis. The City approved the engineering services Task Order at the January 22, 2018, Council Meeting, which includes funding administration, design and surveying services, and construction administration services for the offsite domestic water and sanitary sewer infrastructure.

The offsite utility infrastructure is funded in part by the SIED and CERB programs, the City of Sunnyside, and Astria Sunnyside Hospital.

A project schedule is being updated and, when available, will be sent to the City. Work is ongoing to design the off-site sewer and water infrastructure.

In March, HLA was notified by WSDOT that \$500,000 in transportation funding has been obligated to design and construction of the off-site transportation improvements.

WWTP ELECTRONIC O&M MANUAL

This project involves updating the WWTP's existing O&M manual with an interactive, cloud-based, digital software application (electronic) manual, giving plant staff the ability to access plant record drawings, documents, and equipment manuals; track plant assets; retain operator knowledge; manage maintenance schedules; and access support and training information. The need for updating the O&M manual is in response to requirements and conditions of the WWTP NPDES permit. In January 2018, the City selected and purchased the Water Expert software package, produced by Ovivo USA, LLC, as the platform for its electronic O&M manual update.

The scope of work will be completed in two phases. The first phase will involve setup of the software application (Water Expert) with the new sludge dewatering system and equipment as a model. HLA will assist the CITY with setup of the software, layout of attributes, recording and uploading maintenance videos and data, and uploading equipment operations manual data, for this portion of the work. Following completion of the first phase of work, the CITY will begin setup and conversion of existing equipment and plant operation and maintenance data to upload and create the remainder of the manual. HLA will assist the CITY, as needed, in reviewing, editing, and uploading data the CITY deems necessary for incorporation into the electronic O&M manual.

Task Order 2018-05 was approved by the City Council on February 12, 2018, authorizing HLA to begin work on the O&M manual. HLA has begun work on the manual and has completed most of the first phase of work. The

first phase of work should be complete this month. All O&M manual updates must be completed and submitted to Ecology by the end of 2018.

WATER AND SEWER RATE UPDATE

The Water and Sewer Rate Update will assess the short- and long-term financial needs of the water and sewer funds and will provide recommendations on rate adjustments needed to match revenue demands. The City approved the engineering services Task Order at the January 8, 2018, Council meeting. Preliminary recommendations for water and sewer rates were to be completed and presented to the City by March 31, 2018. However, do to unforeseen delays, we will have the information completed by April 30, 2018.

The first project step is to meet with the City to develop a thorough understanding of their budgeting process, financing objectives, and expected capital improvements. The revenue and expenditure data will be reviewed, and HLA will project future needs for discussion with the City prior to finalizing revenue demands.

SKYLINE AND GRANDVIEW RESERVOIR REHABILITATION

This project involves rehabilitation of the existing Skyline and Grandview Reservoirs to address deficiencies identified in diver inspections, completed in April 2017, and seismic assessment of the existing Skyline Reservoir tank and foundation, completed in November 2017. Rehabilitation for the Skyline Reservoir will include tank foundation and anchorage improvements to meet current code requirements; site regrading for construction and maintenance access; safety improvements to the exterior and interior ladders; installation of a roof access platform and hand railing; replacement of the roof vent and access hatch; miscellaneous roof repairs; replacement of the tank overflow piping; installation of a new tank mixer; and recoating the tank interior and exterior. Rehabilitation of the Grandview reservoirs will include installation of new access ladders to all three tanks. The total estimated project cost, including sales tax, contingency, and engineering, is \$2.6 million. For budgeting purposes, the project is anticipated to be completed in two phases of work over two years. Phase 1 will include construction of the Skyline Reservoir foundation improvements and site grading, and Phase 2 will include remaining Skyline Reservoir tank modifications, new mixer, recoating, and the Grandview Reservoir ladders.

Task Order 2018-02 was approved by the City Council on February 12, 2018, authorizing HLA to begin design work on this project. A geotechnical seismic site class evaluation was completed last month, which resulted in lowering the seismic site classification. The lower seismic site classification will reduce the tank foundation improvement costs. HLA will continue preliminary engineering work for the project, including completion of additional field evaluation and testing of the existing tank coating and structural design for the foundation improvements. The following is a preliminary project completion schedule, based on completing the project in two phases of work:

Preliminary Project Schedule:

a.	Complete Preliminary PS&E, Phase 1	May 1, 2018
b.	Complete Final PS&E, Phase 1	June 1, 2018
c.	Advertise for Bids, Phase 1	June 5, 2018
d.	Open Bids, Phase 1	July 3, 2018
e.	Council Award, Phase 1	July 23, 2018
f.	Begin Construction, Phase 1	August 13, 2018

- g. Complete Construction, Phase 1 (80 working days) December 6, 2018
- h. Complete Preliminary PS&E, Phase 2 January 11, 2019
- i. Complete Final PS&E, Phase 2 February 1, 2019
- j. Advertise for Bids, Phase 2 February 5, 2019
- k. Open Bids, Phase 2 March 5, 2019
- l. Council Award, Phase 2 March 25, 2019
- m. Begin Construction, Phase 2 April 15, 2019
- n. Complete Construction, Phase 2 (50 working days) June 24, 2019

STORMWATER RATE ANALYSIS

The Stormwater Rate Analysis will assess the short- and long-term financial needs of the stormwater fund and will provide recommendations on rate adjustments needed to match revenue demands. The study will also examine the distribution of charges between residential and commercial users. An engineering services Task Order was sent to the City and approved at the March 12, 2018, Council meeting.

The first project step is to meet with the City to develop a thorough understanding of their budgeting process, financing objectives, and expected capital improvements. The revenue and expenditure data will be reviewed, and HLA will project future needs for discussion with the City prior to finalizing revenue demands.

GENERAL SERVICES

The following is an abbreviated list of ongoing tasks being completed under general services:

- In December 2017, the City was notified they were awarded federal funding to replace the Stackhouse Bridge (Sunnyside Bridge #4). The funds must be obligated through WSDOT Local Programs. The following tasks are ongoing:
 - A Transportation Improvement Plan (TIP) amendment to the City's six-year TIP was prepared and provided to the City for approval. A concurrent process with YVCOG to adopt the City's six-year plan was completed on January 17, 2018. When both processes were complete, the TIP amendment for this project was sent to WSDOT. The TIP amendment was placed on the state TIP during the week of February 12, 2018.
 - To obligate federal funding, the City must execute the project Prospectus and Local Agency Agreement (LAA) received from HLA. Approval of the project Prospectus and LAA is scheduled during the April 9, 2018, council agenda.