



City of Tukwila Bi-Weekly Summary **Public Works** August 24, 2018

CITY PRIORITIES – *Tukwila International Boulevard Community Transformation; Community livability; Create community partners to implement city-wide plans and visions; Develop/implement comprehensive economic development plan; Continue to create a more effective organization; Improved communications and community identity*

Construction Project Updates

- *** 42nd Ave Phase III:**

Estimated Completion: November 2018

Seattle City Light (SCL) continues their undergrounding on 42nd Ave S, including pulling and splicing the wires for their new underground system. Once SCL's undergrounding work is completed, the private power service connections by our contractor (ACI) with SCL's inspection will begin. However, with the current equipment operator union being on strike, the upcoming private power service connection work progress could be impacted.

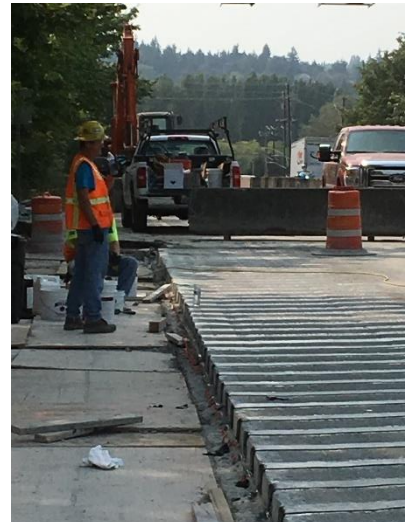
There is minimal road construction at this time to make way for the utility cutover work.



- **BAR Bridge Rehabilitation:**

Estimated Completion: February 2019

Contractor continues to work on the southern two lanes to prepare the area to be widened. The work below deck continues to proceed on schedule. The crews are carbon-fiber wrapping the girders, installing column jackets, and finalizing the western support abutment and pier extensions.





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- **53rd Ave S:**

Final water line work and paving of the utility trench was completed from S 137th St to Interurban on 8/17/18. After completion; sewer, water, and new underground electrical joint trench work will continue on 53rd Ave S between S 144th St and S 137th St. Periodic one lane traffic control should be expected with minimal delays.

Estimated Completion: March 2019



- **2018 Small Drainage:**

Contract was awarded to Ceccanti, Inc. on 8/20/18 and are being routed for signatures. A pre-construction conference is scheduled for 8/29/18.

Estimated Completion: December 2018

- **Green the Green:**

City Council approved to award the construction contract to Applied Ecology LLC on 8/20/18.

Estimated Completion: December 2020

- **CBD Sewer Rehabilitation 2017/2018:**

Working through startup submittals from the contractor. Initial cleaning and investigation phase scheduled to start the middle of September. Sliplining/repair should be complete by the end of October, assuming the contractor can stay on his current schedule.

Estimated Completion: January 2019

- **Andover Park E Water/Sewer:**

We have reached a negotiated settlement with our contractor and a final Change Order and payment will be processed in the near future with project closeout by the end of September.

Substantial Completion: 6/15/17

- **2017 Small Drainage:**

The release of claims and affidavit of wages paid were provided by McCann Construction. Staff will present a request to accept that the project is complete and authorize release of retainage at the 9/10/18 T&I Committee.

Physical Completion: 1/16/18

Design Project Updates

- * **Boeing Access Rd over Airport Way Bridge:** Project has been advertised to Request Qualifications from respective engineering firms. The RFQ's are due 9/6/18.
- * **Strander Blvd Ext Phase 3:** Staff submitted grant applications to two different funding sources in July (Build America Grant and Transportation Improvement Board). We are expected to hear results by the end of 2018.



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- **S 196th/200th Street Bridge Repair:** The project has a design supplement which has been approved by the City for Trantech Engineering to complete the design. Staff anticipates the project to be advertised for bids late fall 2018 to allow for better construction pricing.
- **Fort Dent Park BNSF Sewer Relocation:** KPFF is working to include updated references on the 2018 APWA Spec in order to ready the bid package.
- **Sewer Lift Station #2:** Rescheduled for new scoping in the updated CIP.
- **Water Reservoir Feasibility Study:** Carollo Engineers is getting additional information from Highline to put the finishing touches on the modeling efforts.
- **Riverton Creek Flapgate Removal:** Design Report documentation is due to funding partner, RCO on 8/31/18. This step is required prior to requesting reimbursement of funds. Design consultant, OTAK, is requesting additional funds to complete their portion of the design and permitting work. A contract supplement will be presented to the 9/10/18 T&I Committee.
- **Gilliam Creek Fish Barrier Removal:** NHC submitted their final Feasibility Analysis and Concept Design Report, thus completing their scope of services. PBS Environmental performed their second water quality testing event in the project area on 8/22/18.
- **EMW Stormwater Outfalls:** Staff is meeting with Ecology on 8/27/18 to review proposed scope of grant agreement for completing design and construction.
- **Chinook Wind:** Earthcorps and city parks staff worked concurrently to perform a much-needed weeding at Duwamish Gardens. Staff presented their grant request for public access funds for Chinook Wind to RCO staff on 8/21/18.

Maintenance & Operations

- **Streets: Roadway:** Survey sidewalk trip hazards citywide with our PW intern. Continued to install raised pavement markers. Repaired potholes on S 158th St, 56th Ave S and 38th Ave S. Removed attenuator on SC Pkwy and replaced with new one, damage caused by hit and run driver.
Roadside: Trimmed trees on 48th Ave S. Trimmed center island vegetation on Interurban and Tukwila Int'l Blvd. Repaired irrigation system on Interurban Ave S.
Signals Excavated and pulled new wires for the damaged streetlight pole at EMW and 87th for radar inspection and drilling of new pole mounting bolts. Relocated radar signs to S 130th St and 38th Ave S. Repaired signal head at S 144th St and Tukwila Int'l Blvd.
- **Water:** Completed (38) door hang shut-off notifications. Completed meter reading and follow up reports. Completed connection to Foster Point neighborhood with the new water main on 53rd Ave S. Replaced broken bollards at 1133 Beacon Ave S and 12225 51st Ave S. Continued valve and hydrant maintenance inspection of Zone 6 (North Hill, SCBLVD to 144th Street). Repaired the pipe leading to the wash down area at Minkler Shops. Continued to gather GIS information along Interurban corridor.



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- **Sewer:** Performed biweekly maintenance inspections on all the pump stations and weekly inspections of all the station generators. The amps on pump #1 at Station 3 were running high. When the crew pulled it, they found a bound up in the impeller. They removed the rag, reinstalled the pump, and the amps are back to normal. We had an alarm for a communication fail at Station 5 last week and after trouble shooting, the crew found a bad card in the Rugid system and replaced it. Shannon with Calvert Technical Services came in for a day and updated the software at all of the pump stations. Crew will be jetting sewer mains in the CBD to remove buildup of fat, oil & grease (F.O.G.). Completed several utility locate requests.
- **Surface Water:** Spent a day and a half doing creek walk inspections with Greg & Russell. This is done once a year to check for any illicit discharges and other abnormality in the creeks around Tukwila. Continued with video inspection and root removal from storm mains. Landscaped and removed overgrown vegetation from the stormwater tank at 14400 block of Macadam. Working on the annual inspection of 40 water quality and flow control structures around Tukwila, which are required by the NPDES permit. Completed several utility locate requests throughout the city.
- **Facilities: Overall:** Custodial division has been short-staffed for several weeks. Custodians have been working hard to maintain service levels as much as possible and appreciate the support and understanding from our customers. Card access issue resolved, and water backflow reports filed. **City Hall Campus:** Grouting repairs and subsequent custodial scrubbing of the City Hall inside brick flooring was completed. Installed ash tray in front of 6300 Bldg. Installed desk light diffuser for City Clerk office cubicle. Installed mount and monitor for Ste 115 and dual monitor mount in Ste 200. Old heat pumps removed from 6300 Bldg. HVAC PMs and repairs for City Hall accomplished. Diagnosed and reset tripped breaker for PD at City Hall and replaced broken door handle at 6300 Bldg Traffic Ste 206. Replaced lamps in Foster conference room. **TCC:** Replaced shower head and metering valve and chiller repairs completed. **Fire Stations:** 52: Repaired broken water supply to sink. 53: Replaced electrical whip for response engine and replaced Nederman motor for vehicle exhaust system. Repaired ice maker.
- **Fleet: Admin:** 1100, service call to jump start, tightened battery cables, replaced tail light bulb and rear brake drums.
Fire: 5518, replaced man saver on turntable. 5526, replaced headset jack. 5519, Out of service for turbo charger and air to air exchanger replacement. 1353 replaced batteries. 5524, repair ground lights. 5403, tested battery and charging system, tightened battery cable. 5518, added coolant.
PD: 1232, replace heater fan and resistor. 1435, replaced emergency strobe. 1434 replaced brakes and battery. **Patrol:** 1761, replaced battery and emergency light controller. 1752, reline front brakes and replaced two tires. 1762, repaired front camera.
Parks/Rec: 1242, replaced alternator. 1294, replaced four tires.
Public Works: Street: 2315, replaced cover on bucket swivel. 1446, replaced bent hydraulic line. 1430, replace light cover. 2201, replace trailer plug and repair wiring. **Surface Water:** 2311, replace rotter hose end, repaired throttle control wiring. **Sewer:** 1283, repaired hole in roof. 2202, replaced strobe, flat repair, and blower motor. 2204, replaced tail light and strobe. **BM:** 1244, replaced engine belt.
17 PMs completed.