



Monthly Report

June
2010

Engineering Department

Water, Stormwater, Sanitary Sewer, Parks, Transportation,
and Facility Engineering Projects for the City of Battle
Ground

Water

NE 219th Street Clark Public Utility INTER-TIE PROJECT – Project budget/Water SDC's)

(Consultant: Harper Houf Peterson Righellis)

Project Manager – Scott Sawyer/Mark Herceg

The N.E. 219th CPU Intertie Project will consist of the design and construction of a water pressure booster station and the extension of approximately 3,000 linear feet of 16-inch water transmission pipe between N.E. 92nd Avenue and N.E. 29th Avenue.

- Design work continues by the consultant on the booster station and the water transmission pipe. City Staff and CPU have met and continue to work together to cooperatively develop coordinated design review comments as the project progresses.
- Staff is coordinating with WSDOT staff on securing required easements or franchise agreements depending on success by WSDOT on acquiring right-of-way in a timely fashion.
- Staff submitted Purchase and Sale Agreement to the Cryblskey Family for their signature in order to purchase the property needed to construct the Water Booster Station. Staff will be returning to City Council in the near future with a request to proceed with the purchase.

WELL HOUSE 1 & 2 UPGRADE PROJECT – (Budget \$115,000) Water SDC's

Project Manager – Marit Ernst

External improvements to the well house buildings which will be constructed in two phases. Phase 1 will include undergrounding of the electrical service to enhance well head protection and phase 2 will focus on a sound replacement for the existing roof. This is a Water Fund decision package approved for the 2009/2010 budget.

- Construction complete on Phase 1. Electrical service undergrounded for Well House 1 & 2.
- Staff working with building department to evaluate existing conditions and evaluate roofing options for Phase 2.

Sanitary Sewer

CEDARS SEWER REPAIR DESIGN – Consultant: Kramer Gehlen (\$350,000)

Project Manager – Marit Ernst

Relocation of the sanitary sewer line from the existing golf cart bridge, which has settled approximately two feet, to an adjacent utility bridge.

- Retainage released 06/30/10. Project closed out.

PUMP STATION #7 IMPROVEMENTS – Consultant: Wallis Engineering (Budget: \$27,000 City Sewer Funds), Contractor (Budget: \$273,000 City Sewer Funds)

Project Manager – Ryan Jeynes/Mark Herceg

- Bid opening was held on November 19th.
- Council awarded bid to Gateway National for \$113,610.00 on December 7th. Notice of Award and contracts were sent.
- Rebid project after Gateway failed to perform. Opening was on February 25th. Council to award project on March 15th.
- Council awarded project to North Fork Excavating for \$111,045.43 on March 15th. Notice and Award and contracts were sent out and returned. Contracts are awaiting signatures and then a pre-construction meeting will be scheduled.
- Project started April 26th; projected finish is August 11th.

DECANT FACILITY – Consultant: Gray & Osborne (Budget: Total: \$54,000; \$27,000 City Sewer Funds; \$27,000 City Storm Funds), Contractor (Budget: Total: \$321,000; \$198,000 City Sewer Funds; \$123,000 City Storm Funds)

Project Manager – Ryan Jeynes

- Signed contracts and Notice as well as the Certificate of Liability Insurance, Performance Bond, and Payment Bond were received. Contracts were routed to Dennis for signature December 30th.
- Construction started on Tuesday, January 19th.
- Concrete walls and slabs are up. Steel columns and roof should be up within the next week or two.
- Columns and roof are up; slide gates in; awaiting electrical completion.
- Substantial completion giving on April 16. Currently processing closeout paperwork.

WATER RECLAMATION FACILITY AND RE-USE STUDY PHASE III – Consultant: Kennedy Jenks, Inc. (Budget: \$1,075,000)

Project Manager – Scott Sawyer /Mark Herceg

- The Professional Services Agreement for this proposed contract with Kennedy-Jenks Consultants was presented and approved by Council at the April 6th meeting. This Professional Services Agreement includes design of the lagoon decommissioning project and the new Flow Equalization Basin, required upgrades to McClure Pump Station, and design work to develop the science and engineering reports required to move forward with the Water Reclamation Facility here in Battle Ground. Detailed tasks include:

- Facility Plan Approval Efforts - Continuing preliminary design of effluent disposal system, and coordination with Dept. of Ecology.
- Ongoing Activities - Major efforts: (i) geotechnical investigation and (ii) Ecology review of our supplement to General Sewer Plan.

LAGOON DECOMMISSIONING/EQUALIZATION BASIN – BIOSOLIDS REMOVAL – Contractor: Bravo Environmental NW (Budget: \$600,000; USDA Loan)

Project Manager – Mark Herceg

- Project is nearing completion. Approximately, 1,000 tons of material has been removed to this point.

LAGOON DECOMMISSIONING/EQUALIZATION BASIN – FLOW EQUALIZATION SYSTEM IMPROVEMENTS – Contractor: Tapani Underground; Consultants: Kennedy/Jenks Consultants (Construction Management), Carlson Testing (Testing) (Budget: \$6,100,000; USDA Loan)

Project Manager – Mark Herceg

- Project was awarded by City Council to Tapani Underground and Contracts have been signed.
- Pre-Construction Conference will be held in the next few weeks and construction will begin shortly after that.

Parks

REMY HABITAT BANK

Project Manager – Scott Sawyer

Coordinated partnership with the Habitat Bank Corporation to turn 60 acres of lower class wetlands into high class wetlands which would be available for credits associated with other wetland mitigation needs within the City of Battle Ground.

- Habitat Bank has installed piezometer wells to determine depth of water in establishing actual wetlands determination based on recent drainage work.
- Review of banking program continues with permitting agencies.
- Staff recently met with Habitat Bank Corporation staff to discuss status and alternatives. Discussions occurred on the concept of altering the contract to focus on mitigation associated with the proposed Scotton Way Development currently being discussed with staff.
- Staff recently presented a proposed contract amendment to City Council during the May 17th City council Meeting. Staff will be returning shortly to request a motion.

Roads/Highways

NORTH PARKWAY AVENUE PHASE II – Contractor: Tapani Underground; Consultants: Columbia West Engineering (Testing), Cedar Creek Tree Surgeons (Arborist) (Budget: \$1,730,000 Total; \$44,000 Federal Stimulus; \$444,600 Federal Earmark; \$1,076,400 Washington Transportation Improvement Board Grant; \$165,000 Water Fund)

Project Manager – Mark Herceg

- Final paperwork is occurring.

SOUTH PARKWAY AVENUE – (Budget: \$200K Traffic Impact Fees)

Project Manager – Mark Herceg, Designer – Ryan Jeynes

- Design is underway by City staff and is currently at 35%.
- Archaeological investigation has been reviewed by the state and their comments are currently being addressed.

SE GRACE AVENUE ROAD PROJECT – Consultant: Clark County Public Works (Budget: \$530,000 Total; \$220,000 Federal Grant; \$310,000 Traffic Impact Fees)

Project Manager – Mark Herceg

- 90% Design Plans have been submitted to staff for review.
- NEPA related studies have begun (archaeological, noise, etc.).

East Main Street Sidewalk Project – (Budget: \$130,00 Total - \$100,000 Washington Transportation Improvement Board, \$30,000 Traffic Impact Fees)

Project Manager – Marit Ernst

The project consists of approximately 620 feet of sidewalk improvements including sidewalks, limited road widening, curb and gutter, landscaping and storm sewers. The work will complete the pedestrian connection from the downtown commercial district through the C – Tran stop, the skate park and NE 14th Ave. It will improve pedestrian safety.

- Design work continues on this project. Plans 50%.
- Wetland/environmental documentation evaluation completed.
- Permits for railroad completed.

DAYBREAK SCHOOL SAFETY IMPROVEMENTS – (Budget: \$184,000 Total; \$184,000 Washington Safe Routes To Schools Grant)

Project Manager – Marit Ernst

Project involves the construction of an overhead crosswalk flasher, solar speed limit flashers and completion of sidewalk in front of 117 NW 20th Avenue to enhance pedestrian safety in the vicinity of the Daybreak School.

- Contract awarded.
- Pre-construction meeting scheduled for 07/06/10 and construction to begin 7/12/10.

BATTLE GROUND ARTERIAL OVERLAYS – (Budget: \$406,000 Total; \$406,000 Federal Stimulus)

Project Manager – Mark Herceg

- Project is complete. Final paperwork is occurring.

SE 1st STREET IMPROVEMENTS – (Budget: \$188,000 Total; \$150,400 CDBG Grant, \$28,396 City of Battle ground Street Fund, \$9,204 City of Battle Ground In-kind Staff Work)

Project Manager – Ryan M. Jeynes

Project involves the installation of sidewalk and minor road widening on south side of SE 1st Street between S Parkway and SE 3rd Avenue.

- Design process to start soon with anticipated bid opening in August 2010.
- Currently gathering topo information.

EATON RAIL ROAD CROSSING IMPROVEMENTS – (Budget: \$77,600 Total; \$77,600 Capital Fund/ Drainage Fund)

Project Manager – Bryan Kast

- Project bidding Complete
 - Two Bids received
 - Base bid and Additive 1 (Culvert under Eaton) selected
- West Rail was responsible and responsive bidder
- Council approved contract for \$59,599
- Notice of Award sent to Contractor

Facilities

PUBLIC WORKS OPERATIONS Center Reconstruction Consultant: Lombard Conrad, Inc.

Project Manager – Marit Ernst

Design project at Operations Center to include new operation building for maintenance staff and new storage bays for equipment.

- 100% design plans and specifications complete
- Project on hold awaiting decision on \$3,000,000 USDA Loan