



Monthly Report

April  
2010

# Engineering Department

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

# Water

## NE 219<sup>th</sup> 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. 219<sup>th</sup> 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. 92<sup>nd</sup> Avenue and N.E. 29<sup>th</sup> 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.

- Phase 1 is under contract.
- Evaluation of roofing options occurring 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.

- Substantial Completion 3/19/10. Closeout documentation being processed.

## 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 19<sup>th</sup>.

- Council awarded bid to Gateway National for \$113,610.00 on December 7<sup>th</sup>. Notice of Award and contracts were sent.
- Rebid project after Gateway failed to perform. Opening was on February 25<sup>th</sup>. Council to award project on March 15<sup>th</sup>.
- Council awarded project to North Fork Excavating for \$111,045.43 on March 15<sup>th</sup>. 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 26<sup>th</sup>; projected finish is August 11<sup>th</sup>.

**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 30<sup>th</sup>.
- Construction started on Tuesday, January 19<sup>th</sup>.
- 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 6<sup>th</sup> 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:
  - Lagoon Decommissioning – Contracts are being signed and work should begin shortly.
  - Flow Equalization Basin – 100% plans have been provided for review by City staff. Project will be out to bid shortly.

- 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.

## 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 17<sup>th</sup> 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*

- Project is complete and open to traffic. Final inspections and paperwork are 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 14<sup>th</sup> Ave. It will improve pedestrian safety.

- Design work continues on this project.
- Wetland evaluation 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 20<sup>th</sup> Avenue to enhance pedestrian safety in the vicinity of the Daybreak School.
- Plans are being reviewed by WSDOT.

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

*Project Manager – Mark Herceg*

- Project has been awarded and contracts are being signed.

**SE 1<sup>st</sup> 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 1<sup>st</sup> Street between S Parkway and SE 3<sup>rd</sup> Avenue.

- Design process to start soon with anticipated bid opening in August 2010.

## **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