

**PUBLIC WORKS ASSEMBLY UPDATE**  
**WORK COMPLETED JANUARY 2016**

**Kettleson Memorial Library Expansion:**

**Milestones this period**

- Project is substantially complete.
- Contractor is working on punch list items.
- Building Commissioning complete.

**Future Milestones**

- Library grand opening first week of February.

**Background**

The State funding of \$5.7 million awarded to CBS is a direct appropriation with no funding match requirements. A private donation of \$400,000 has also been given to the project by the John J. and Eleanor Brust Family and the City has committed \$200,000 in CPET funding and \$357,000 from the General Fund. The Friends of the Library have also raised almost \$90,000. \$350,000 of the budget was allocated to the Centennial Hall Parking Lot Project to relocate the Swan Lake storm drain, leaving a current project budget of approximately \$6.4 million for the expansion and renovation of the Library.

**Harrigan Centennial Hall (HCH) Renewal:**

**Milestones This Period**

- The full building is framed and sheathed, with windows installed and interior areas roofed.
- Partial completion of furring and installation of exterior installation on exterior walls.
- Installation of the covered walkways and entry canopies is underway.
- All interior concrete slabs and poured.
- Interior walls are framed.
- Rough-in plumbing, fire suppression, electrical/data/AV, and HVAC throughout and are nearing completion of rough-in in Area D (side near Library).
- Wall closure (installation of interior insulation, vapor barrier, and sheet rock) has begun in Area D following installation of rough-in.
- Award of the AV Equipment Change Order.

**Future Milestones**

- Receive and install entry and canoe skylights.
- Receive and install store front doors and windows at new entries and clearstory windows.
- Site grading and exterior concrete slabs.
- Installation of exterior siding and ceramic tile.
- Install roofing on covered walkways currently under construction.
- Install all room finishes in the building.
- Substantial completion anticipated on or before December 20, 2016.

**Background**

The current funding includes four State grants totaling \$11,500,000; a \$1,991,271 FY'10 Legislative Grant designated for a lightering facility visitor's center (previously planned for under the O'Connell Bridge), \$1,180,000 FY'11 CPET Head Tax grant, \$1,400,000 Marine

Passenger Funds, and a \$232,620 heat pump grant for a total project budget/funds of \$16.3 million.

### **Airport Terminal Upgrades:**

#### **Milestones This Period**

The Transportation Security Administration (TSA) is reviewing our grant request for the design of improvements to the TSA baggage screening room, and the luggage “bag bay.”

- TSA has prioritized a “Checked Baggage Explosives Detection System” project at Sitka Rocky Gutierrez Airport, based on a grant application submitted in Fall 2014. CBS responded to their requests for more information.

#### **Future Milestones**

- If grant is awarded, amend planning contract with MCG to include design of TSA baggage screening improvements.

#### **Background**

The original project included design of improvements to the baggage makeup and TSA baggage screening areas, which will primarily be covered by a TSA grant. Funding collected from a previous PFC program amounts to \$275,000 and can be used to scope passenger-flow improvement options.

### **Baranof Warm Springs Dock Replacement:**

#### **Milestones This Period**

- ADOT has re-designed the project to fit within available funds, reviewed plans with all parties and has advertised for bids to be opened February 2.

#### **Future Milestones**

- Award project by early March 2016.
- Construction completion Fall/Winter 2016.

#### **Background**

The City and Borough of Sitka (CBS) received a \$1,900,000 FY2013 Alaska Legislature Grant to reconstruct the Baranof Warm Springs Dock. The funding was provided with the understanding that CBS would assume ownership and maintenance responsibilities for the dock once it is reconstructed. The Assembly approved the Administrator to execute a Memorandum of Agreement with the Alaska Department of Transportation and Public Facilities (ADOT&PF) for completion of the Baranof Warm Springs Dock Reconstruction and Ownership Transfer. ADOT&PF will be reimbursed the cost of designing and constructing the improvements from the FY13 Legislative Grant. Originally advertised in September with resulting bids high and the re-design initiated to cut scope and costs.

### **Sitka Transient Float Replacement:**

#### **Milestones This Period**

- General Contractor Northern Construction Service (NCS) has assembled 14 of 16 float modules at Halibut Point Marine (HPM). Nine float modules have been transported to the project site, while the remainder are tied up at HPM.
- Subcontractor Tamico has begun pile installation at project site.
- Subcontractors Puffin Electric and Ketchikan Mechanical continue electrical and potable water/fire installations respectively.

#### **Future Milestones**

- Substantial Completion required by March 15, 2016.

#### **Background**

CBS received a FY15 State of Alaska Municipal Harbor Facility Matching Grant, for the Sitka Transient Float Replacement Project, which will cover 50% of eligible construction costs not to exceed 2,700,000 in match funding. CBS has allocated a total of \$3,450,000 from the Harbor Enterprise Fund, ~\$198,000 from unspent ANB Harbor bond proceeds, and \$500,000 from the CBS Electric Fund for the project for a total budget of \$6,848,000.

### **Seaplane Base:**

#### **Milestones This Period**

- Major piling failure occurred at facility. Further investigation revealed conditions that likely warrant decommissioning facility. This will make obtaining future grants funds for a new facility more difficult, but not impossible per a conversation with the Federal Aviation Administration.
- Consultant developing questions for user interviews and scheduling public meeting for February in support of Siting Study Update.

#### **Future Milestones**

- Public meeting scheduled for evening of February 17.

#### **Background**

In August 2002, the Sitka Seaplane Base Master Plan was completed and includes a Condition & Needs Assessment and Master Plan Alternatives Report. The plan considered 12 alternative sites for a new seaplane base and found the north end of Japonksi Island, between the Coast Guard Base and the cove behind the SEARHC buildings on Seward Avenue was the best alternative. In February 2009, the Assembly unanimously approved Resolution 2009-35 "Supporting the development of the Sitka Seaplane Base." This approved staff applying for and executing a Federal Aviation Administration (FAA) Airport Improvement Program grant for up to \$500,000 to develop the siting plan, issues resolution, design, environmental, and permitting phases of the project. Utilizing proceeds from that grant, in June 2012, an updated Sitka Seaplane Base Siting Analysis was completed which considered a new site and redevelopment of the existing site in addition to the previously recommended Japonski site. The Japonski site was again selected as the preferred site. The findings of this study were presented to the Port and Harbors Commission on April 11, 2012 where they unanimously approved further study of the Japonski Island site. SEARHC has provided very encouraging feedback on the possibility of providing uplands access for a new municipal seaplane base. Due to a decline in the number of based aircraft, FAA requires an update to the Siting Study prior to application for any future grant funds for this project.

### **Gary Paxton Industrial Park Dock:**

#### **Milestones this Period**

- CBS Staff began scoping Design/Build (D/B) Request for Proposals (RFP) effort with consultants.

#### **Future Milestones**

- Finalize D/B RFP scope and negotiate fees.
- Begin formulation of RFP documents.
- Advertise RFP Spring 2016.

#### **Background**

The project is funded by a designated Legislative Grant, administered by the State of Alaska, Dept. of Commerce, Community & Economic Development, and Division of Community & Regional Affairs. The total amount of the grant is \$7.5 million. On the local level, the project is administered by Public Works and the GPIP Director, Garry White. The firm of Moffatt & Nichol (M&N) has been awarded a contract to provide the design for the GPIP Dock Project

and will assist CBS with the D/B RFP and serve as the Owner's Representative during proposal evaluation and construction.

### **Edgumbe Drive Street Reconstruction:**

#### **Milestones This Period**

- Completed substantial completion walk-through inspection. Issued punch list for remaining work items.
- Issued Request for Quotes for installation of Rectangular Rapid-Flashing Beacons (RRFBs, aka lighted crosswalk signs) at the Kashevaroff and Kostrometinoff intersections.

#### **Future Milestones**

- Completion of outstanding punch list items by the end of February 2016.
- Installation of Rectangular Rapid-Flashing Beacons (RRFBs) at the Kashevaroff and Kostrometinoff intersections by the end of February 2016. This was not in S&S's original scope of work.

#### **Background**

The project includes drainage, sidewalk, curb and gutter, road subgrade and pavement improvements on Edgumbe Drive from Peterson Street to Cascade Creek Road. The total project budget is \$5.46M. The Assembly approved award of a design-build contract to S&S for \$4,636,500 on May 27, 2014.

### **Jeff Davis Street Water and Sewer Improvements:**

#### **Milestones This Period**

- Awarded design contract to PND Engineers, Inc., out of Juneau.
- Designer completed sewer, storm-drain and geotechnical investigations.

#### **Future Milestones**

- Public meeting scheduled for February 11, 2016.
- Advertise for construction bids on May 2016.

#### **Background**

The project includes replacement of approximately ~50-year old undersized water main with new, large diameter pipe within Jeff Davis Street and replacing the existing storm drainage infrastructure, pavement, curb, gutter and sidewalks. The project will also improve the sewer service to four homes on Jeff Davis Street currently served by a collection main crossing private property. Funding for the project is provided by the following sources; \$644,000 FY2015 ADEC Grant, \$812,000 FY2014 ADEC Water Loan and \$245,000 from 2016 General Fund.

### **Landfill and Crescent Lift Station Replacement:**

#### **Milestones This Period**

- none

#### **Future Milestones**

- Issue Request for Qualifications for design of lift station replacement project, February 2016.
- Advertise for construction bids May 2016.

#### **Background**

The project includes replacement the Landfill Lift Station and force main pipe at the end of Tilson Street and the Crescent Lift Station adjacent to the Sitka Sound Science Center. The pumps and components of both lift stations are inefficient, obsolete and, in the case of the Landfill Lift Station, corroded due to the landfill leachate it is pumping to the

wastewater treatment plant. Funding for the project is provided by ADEC loans and from the General Fund.

### **Eagle Way and Old Harbor Mountain Road Utility and Road Upgrades:**

#### **Milestones This Period**

- 95% plans were submitted to CBS for review.

#### **Future Milestones**

- Advertisement for bids in early 2016.
- Construction is anticipated summer 2016.

#### **Background**

The project will include a minimum of 24-foot-wide paved road with possible pedestrian amenities and storm drainage and a new water main and services within Eagle Way. The project will also include a minimum of 24-foot wide paved road and storm drain improvements within Old Harbor Mountain Road. Funding for the project consists of a \$1,500,000 2013 Commerce Community and Economic Development Grant.

### **Nelson Logging Road Upgrades:**

#### **Milestones This Period**

- Consultant has finished revisions to Phase 1 Preliminary Engineering Report based on CBS comments.

#### **Future Milestones**

- Phase 2 Final Design authorization early 2016.
- Construction is anticipated as late summer 2016 to fall 2017.

#### **Background**

The project includes replacing both inadequate bridges and upgrading Nelson Logging Road. The scope may also include road realignment(s) and widening to accommodate two-way traffic. Funding for the project is provided by \$2,343,000 2013 Commerce Community and Economic Development Grant.

### **Ultra Violet (UV) Disinfection Facility:**

#### **Milestones This Period**

- Additional work to include additional equipment to improve functionality in progress and scheduled to be completed in early 2016.

#### **Future Milestones**

- Final Completion early 2016.

#### **Background**

The Blue Lake drinking water system is a surface water system, which must comply with the EPA Enhanced Surface Water Treatment Rules (ESWTRs). The UV Disinfection Facility will provide the additional microbial and disinfection controls required under the ESWTRs. The current total project cost estimate is \$8,966,000. Funding for this project is provided by State of Alaska Department of Environmental Conservation (ADEC) loans and grants:

\$4,000,000 FY 2011 ADEC Loan (Includes \$2,500,000 financed with \$1,500,000 subsidized)

\$2,550,000 FY 2012 ADEC Loan

\$3,500,000 FY 2012 ADEC Grant (30% local match requirement).

\$2,061,000 FY 2013 ADEC Grant (30% local match requirement).

\$12,111,000 Total Project Funding

**South Kramer Debris Removal and Repair:**

**Milestones This Period**

- Project is substantially complete.

**Future Milestones**

- Completion of punch list/minor work items.

**Background**

The Assembly passed Ordinance 15-44 on August 21, 2015 which declared a local government disaster declaration as a result of the slides of August 18, 2015, authorized the expenditure of local emergency funds, and requested that the Governor declare a Disaster Emergency to exist as described in AS 26.23 and provide State assistance to the CBS. Governor Walker authorized up to \$1,000,000 from State Disaster Relief Funds to assist with the cleanup and recovery. These funds can be utilized to remove the debris from the right-of-way and restore municipal infrastructure to its pre-disaster condition. On October 27, 2015 the Assembly approved a total authorized budget of \$1,500,000 for all costs related to the disaster declaration and authorized the Administrator to award all bids and execute all contracts necessary to complete the remaining disaster remediation work with a total not to exceed budget of \$1,500,000.

**Sitka 2016-17 Paving Project:**

**Milestones This Period**

- Project is temporarily on hold due to insufficient staff resources.

**Future Milestones**

- TBD

**Background**

The project includes new pavement and ADA required improvements with curb and gutter, storm drain improvements and sidewalk as applicable. Funding for the project is provided by the following sources:

\$500,000	CBS Capital Improvement Lincoln Street – Jeff Davis to SNHP FY16
\$1,130,000	CBS Capital Improvement Katlian Avenue FY16
<u>\$310,000</u>	CBS Capital Improvement Gavin Street – Brady to Cascade FY15 & FY16
\$1,940,000	Total Project Funding

**Federal Land Access Program (FLAP) Grant: Phases 4&5:**

**Milestones This Period**

- The construction crew has completed construction of the new trail. New trail marking signage has been created and installed.
- As-built surveying of new trail is complete.
- MHLT is reviewing the final as-built surveys for the portions of the trail that are on their property.

**Background**

The City and Borough of Sitka has been awarded a \$916,897 MAP-21 Federal Lands Access Program (FLAP) Grant for Phase 5 Cross Trail multimodal pathway (Cross TMP), Baranof Street and Yaw Drive connectors, by Western Federal Lands (WFL). The Assembly approved submission of the grant in Resolution 2013-03 in February 2013. Phase 4 of the project, a \$926,000 STIP Grant for a multimodal pathway reconstruction and re-routing from Yaw Drive to the CBS property was funded by the Department of

Transportation in the 2009 STIP. DOT planners, with the concurrence of Western Federal Lands (WFL) and CBS, initiated action to combine the two projects as a single \$1.8 million grant and have the project managed by Western Federal Lands for greater efficiency and cost savings.

**Federal Land Access Program (FLAP) Grant: Phase 6:**  
**Milestones This Period**

- Memorandum of agreement between The City and Borough of Sitka and Western Federal Lands has been executed.

**Future Milestones**

- Hire a consulting company for planning, design, and complete environmental and permitting sometime in February 2016.
- The completion date is estimated around July 2016.

**Background**

The City and Borough of Sitka has been awarded a \$250,000 MAP-21 Federal Lands Access Program (FLAP) Grant for Phase 6 Cross Trail multimodal pathway (Cross TMP), connector from Kramer Drive to Alaska Marine Ferry Terminal, by Western Federal Lands (WFL). The Assembly approved submission of the grant in Resolution 2014-06 in April 2014. The Western Federal Lands Access Program application was submitted in April 2014, and then awarded on July 26, 2014. This is listed as a FY16 budgeted project with Western Federal Lands Access Program.

**Water**

Locates were performed at the Kramer subdivision for the public works department and Coastal Excavation for the landslide cleanup process.

Water operators continue to work with the UV manufacturer to work through the equipment issues at the UV facility.

The first quarter disinfection byproduct sampling has been completed. Results of the testing are forthcoming.

The Blue Lake inundation sampling was completed in December 2015. There were no significant changes from the previous year.

A mixer was installed in the fluoride feed tank as part of the UV project.

Water operators spent time with McMillen (contractor) providing them with information and tours for additional work to be done on water pipes and valves for the Blue Lake expansion project.

**Wastewater**

The wastewater staff conducted a tour of the wastewater treatment plant for local 4-H kids and their parents. The tour was well received and we were told the kids and parents “got a lot out of it” and have a better understanding of what happens when they flush their toilets.

As part of our preventative maintenance program wastewater staff cleaned the discharge auger for the lime and sludge. The auger discharges the lime stabilized sludge into the roll off truck for disposal at the Granite Creek landfill.

Water and wastewater staff inspected manholes, sewer cleanouts, valves, and hydrants on Edgecumbe Drive as part of the project completion work.

Sewer locates were performed at various locations throughout the wastewater collection system.

Wastewater staff used the camera to televise the sewer main on Kramer Avenue to check the integrity of the pipe. The pipe appeared to be in good condition and free of debris.

Wastewater staff worked with the design engineer on the Jeff Davis utility and paving project by performing camera work and sewer locates.

Water and wastewater staff attended a webcast on the effects of wipes in our sewer system. Flushable wipes can cause blockages in sewer services and mains and can wreak havoc on pumps. Studies are showing that the flushable wipes are not as flushable as intended and are causing a widespread problem in wastewater collection and treatment facilities.

Wastewater staff assisted the PW Streets crew on clearing a blockage on the Kinkeade St. sewer main.

Wastewater crews were experiencing operational issues with pumps at a couple lift stations. Upon pulling the pumps one was found to have a t-shirt plugging the pump and the other was full of gravel.

Wastewater maintenance staff upgraded the aging RV dump station at the wastewater plant. All of the work for this project was performed in-house and the staff did a fantastic job from start to finish.

Maintenance staff replaced failed pumps at two separate lift stations and a starter solenoid at another.

The cutters on the dimminuter (grinder) at the Thompson lift station were repaired and put back into service.

