

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

**Landslide Disaster Repair**

**Milestones This Period**

- Updated budget request to State: Total budget = \$1.6 million.
- Completion of final paperwork and closeout of Category F- Water, Wastewater and Electric repairs for South Kramer.
- Opened bids September 22, 2016 for Blue Lake Road, Green Lake Road and Water Treatment Plant Access Road Disaster Repair project.
- Issued Intent to Award to CBC Construction for the Blue Lake Road, Green Lake Road and Water Treatment Plant Access Road Disaster Repair project.
- Submitted a time extension request for Category A – Debris Removal to the Division of Homeland Security Management & Emergency Management.

**Future Milestones**

- Award a Contract and Notice to Proceed for the Blue Lake Road, Green Lake Road and Water Treatment Plant Access Road Disaster Repair project.
- Submit quarterly reports and request for reimbursement for quarter ending September 30, 2016.

**Background**

On August 18, 2015 a strong storm system brought heavy rains and winds to Sitka. This event caused multiple landslides on Baranof Island damaging City infrastructure. The City declared a local disaster emergency and requested State assistance. On August 27, 2015 Governor Bill Walker declared the event a disaster and authorized up to \$1,000,000 of expenditures funded from the Disaster Relief Fund (DRF) in the form of a grant from the Department of Military and Veterans Affairs, Division of Homeland Security and Emergency Management (DHS&EM). A request has been made to increase to \$1.6 million.

DHS&EM divides disaster related work into the following categories:

- Category A – Debris Removal
- Category B - Emergency Protective Measures
- Category C – Roads and Bridges
- Category D - Water Control Facilities (not included in our disaster)
- Category E – Buildings and Equipment
- Category F – Utilities (Water, Wastewater & Electric)
- Category G – Parks, Recreational Areas and Other Facilities

The City had damages relating to six out of the seven categories listed above. Nine project worksheets were created itemizing out the damaged areas and repairs to bring the infrastructure back to pre-disaster condition. The City estimates the repairs to be \$1.6 million and was granted authorization to spend \$1,500,000 by the assembly.

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

**Milestones This Period**

- HCH Renewal Project is Substantially Complete as of September 6, 2016, which is nearly four months earlier than required by the contract.
- Installation and programming of the AV Equipment Package is approximately 90% complete.

- Soft opening of the facility. The official ribbon cutting Grand Opening is scheduled for October 11, 2016 at 5 p.m.

### **Future Milestones**

- Complete project closeout and punch list items for Physical Completion by November 4, 2016.
- Order the rest of the Furniture, Fixtures, and Equipment Package in early October 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, \$232,620 heat pump grant, and \$66,000 from the Sitka Historical Society for a total project budget/funds of \$16.4 million.

### **Airport Terminal Upgrades:**

#### **Milestones This Period**

- The project Kick-Off Meeting with the Consultants, Stakeholder, and TSA occurred September 7, 2016.

#### **Future Milestones**

- Design improvements to the TSA luggage screening area (with TSA grant) and the airport baggage bay where bags are loaded into the carts for delivery to the airplane. Baggage bay design costs as well as required 5 percent match on TSA improvements will be paid with collected Passenger Facility Charges (PFCs).
- Preliminary Schedule: 30% design due November 30 2016, 100% design and bid ready docs 5/30/2017, bidding June-July 2017. Apply for TSA construction and design CA funding (distributed mid-October 2017). Construction sometime during the period between Jan. 15, 2018 and April 1, 2018.
- TSA intends to fund construction of eligible improvements.

#### **Background**

The Assembly-approved Airport Terminal Master Plan called for corrections to three critical deficiencies, including (1) working conditions in the baggage make-up area and (2) working conditions in the TSA baggage screening area. CBS addressed the third deficiency – the lack of hold-area rest rooms –in 2010.

Funding; \$158,569.25 grant from Transportation Security Administration (TSA) to design improvements in the TSA luggage screening area with the remaining design costs paid by funds previously collected through Passenger Facility Charges (PFC).

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

#### **Milestones This Period**

- The Contractor mobilized to the site on September 15 and construction is underway.

#### **Future Milestones**

- Project completion October 2016.
- ADOT&PF transfer of ownership and operations/maintenance responsibility to CBS upon project completion.

#### **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. The State awarded a contract to Turnagain Marine (TM) in the amount of \$1,457,285 for the Basic Bid and Alternate A which will result in a 200-foot long float. TM has contracted with Bellingham Marine Industries to fabricate the floats and Mantle Industries to design and fabricate the gangway.

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

#### **Milestones This Period**

- One pile does not meet project design load requirements due to inability of Contractor to complete the work in accordance with with contract requirements. Contractor has provided an engineered-solution to remedy the non-conforming pile. Contractor mobilized to Sitka to complete the work in late September.

#### **Future Milestones**

- Load test to confirm adequacy of fix to non-conforming pile planned for October 4, 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. CBS awarded a contract to Northern Construction Service (NCS) in the amount of \$4,986,329 for the Base Bid and all additive alternates.

### **Seaplane Base:**

#### **Milestones This Period**

- Float/pile repair completed and facility open to public.

#### **Future Milestones**

- Siting Study Update completion October 2016.

#### **Background**

In August 2002, the Sitka Seaplane Base Master Plan was completed to include 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. Due to a decline in the number of based aircraft, FAA requires an update to the Siting Study prior to application for any potential future grant funds for this project.

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

### **Milestones this Period**

- Best and Final Offer Proposals received on September 29, 2016.

### **Future Milestones**

- GPIP Board Executive Session planned for October 17 to finalize Best Value determination.
- Contract award October/November 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. The project is administered by Public Works and the GPIP Director, Garry White. The firm of Moffatt & Nichol (M&N) was previously awarded a contract to provide the design for the GPIP Dock when it was envisioned as a fixed pier or bulkhead structure. M&N may assist CBS as technical reviewer during D/B proposal evaluation and construction.

## **Jeff Davis Street Reconstruction Project:**

### **Milestones This Period**

- Construction contractor Coastal Excavation installed the new 16" HDPE water main from Sawmill Creek Road to John Brady. They pressure tested and disinfected the lines, and are installing water service connections to the adjacent homes.
- Chatham Electric installed conduit from the pole at the corner of Jeff Davis and Etolin across to the east side of Jeff Davis to provide underground power and communications service to three homes.

### **Future Milestones**

- Scheduled for October: Coastal will grade the road from Sawmill Creek Road to John Brady, install remaining storm water infrastructure, install curb, gutter and sidewalk and pave this section north of John Brady. They will also replace a 220-foot section of sewer main as a construction change order.
- Substantial completion was initially scheduled for September 30. However, due to the unanticipated replacement of the sewer main, the project will be broken into two phases: north of John Brady and south of John Brady. The portion north of John Brady will be completed in October; the section south of John Brady will be completed in Spring 2017 after a winter construction shutdown.

### **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, \$225,000 from 2016 General Fund and \$110,000 from 2017 General Fund.

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

### **Milestones This Period**

- Received and reviewed 90 percent drawings for the Landfill Lift Station. Provided review comments to the designer.

## **Future Milestones**

- CBS to procure pumps and electric control huts for Landfill Lift Station. These are long-lead items. Procuring materials prior to contract award has been approved by funding agency and will shorten the project duration and save contractor markup on materials.
- Landfill design to be complete in October 2016. Construction complete by mid-April 2017.
- Crescent design to be complete by mid-February 2017. Construction complete by mid-July 2017

## **Background**

The project includes replacement of 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. There have also been four force main break within the past 2 years. Funding for the project is provided by the following sources: Two separate ADEC loans (the Lake, Monastery, Channel and Landfill lift station loan; and a separate Crescent lift station loan) and the wastewater fund.

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

### **Milestones This Period**

- Bid Opening August 2, 2016
- Notice to Proceed issued to Coastal Excavation.

### **Future Milestones**

- Construction is anticipated late 2016/early 2017 with completion required by June 30, 2017.

### **Background**

The project will include a minimum of 24-foot-wide paved road, storm drainage, water main and services, and possible pedestrian amenities 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**

- Cultural investigation complete pending State Historic Preservation Office review and approval.
- Wetlands field investigation complete.

### **Future Milestones.**

- Advanced design (65%) anticipated October 2016.
- Cultural Investigation Report October 2016
- Wetlands Report October 2016
- Final Design (100%) anticipated October/November 2016.
- Construction is anticipated in spring/summer 2017 depending on project permitting timelines/requirements.

## **Background**

The project includes replacing both inadequate bridges and upgrading Nelson Logging Road as funding allows. 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.

### **Sitka 2016-17 Paving Project:**

#### **Milestones This Period**

- Preliminary pavement, ADA, storm and geotechnical assessments and project survey complete.

#### **Future Milestones**

- Begin preliminary design October 2016
- Advertisement for bids early 2017.
- Construction is anticipated in spring/summer 2017.

## **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
\$ 310,000	CBS Capital Improvement Gavin Street – Brady to Cascade FY15 & FY16
\$ 385,000	CBS Capital Improvement Brady Street Pavement & Sewer FY17
\$ 405,000	CBS Capital Improvement Kashevaroff Street Pavement, Water & Sewer FY17
\$ 50,000	CBS Capital Improvement Sitka Hospital Emergency Entrance FY17
\$ 30,000	CBS Capital Improvement Lincoln Street, Water & Sewer FY17
<u>\$ 50,000</u>	CBS Capital Improvement Katlian Street, Water & Sewer FY17
\$ 2,860,000	Total Project Funding

## **Water**

- Water operators responded to three water leak calls all of which were on the customer side.
- Water and Wastewater locates were performed for the boring contractor on Katlian in preparation for next year's paving project.
- Water operators continue to assist the contractors on the Jeff Davis utility project. During these projects the operators ensure the contractors are installing the pipes and services according to our standard specifications. They provide guidance on both city and state regulations and help ensure we get a reliable product.
- The manufacturer of the ultraviolet disinfection (UV) equipment at the new UV facility is in Sitka to troubleshoot and diagnose issues we are having with the ultraviolet transmittance analyzers.

## **Wastewater**

- Wastewater staff were called in to camera the sewer line on Jeff Davis to help determine the severity of the "belly" in the pipe.

- A number of wastewater locates were performed around town.
- The Blatchley wet well was cleaned out with the Camel and power disconnected for the season.
- A new wastewater influent sampler was fabricated.
- Crews repaired malfunctioning emergency lights in the wastewater plant.
- Crews are cleaning, removing rust, and painting the pipes inside of the wastewater plant.
- Methane testing was performed around the closed Kimsham landfill (ballfields).
- The storm drains on Katlian were inspected with the camera in preparation for next year's paving project.