

## **PUBLIC WORKS ASSEMBLY UPDATE**

### **WORK COMPLETED THROUGH MARCH 2017**

#### **Landslide Disaster Repair:**

##### **Milestones This Period**

- Complete bid package for the GPIIP Administration Building Repairs was reviewed by the State of Alaska and CBS Insurance broker.
- A cost estimate for the GPIIP Administration Building Repairs was prepared by a local contractor and the insurance company. The local cost estimate came in higher than the cost estimate prepared by the insurance broker. The two cost estimates are currently being reconciled for a possible final insurance settlement amount.
- Completed change order to the Water Treatment Plant Access road repair to avoid conflicts with existing utilities.

##### **Future Milestones**

- Present project to GPIIP Board on April 20, 2017 for the GPIIP Administration Building.
- Solicit construction bids or accept the insurance settlement April 2017 for the GPIIP Administration Building.
- Grade and resurface Blue Lake and Green Lake Road.
- Construct diversion channel at the Water Treatment Plant Access road.

##### **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**

- Final Completion of construction contract.
- Additional CBS Staff and consultant work on project record documents (as-builts) and close-out schedules for staff future operations.
- Production started for meeting room name signage, yellow cedar canoe cradle, and original totemic door pull art display.

### **Future Milestones**

- Additional Furniture, Fixtures, and Equipment (FF&E) procurement is still under way in coordination with HCH Staff to complete the kitchen equipment and maintenance equipment procurement.

### **Background**

The project funding includes four State grants totaling \$11,500,000; a \$1,991,271 FY10 Legislative Grant designated for a lightering facility visitor's center (previously planned for under the O'Connell Bridge), \$1,180,000 FY11 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 Improvements:**

### **Milestones This Period**

- The Assembly approved application for new Passenger Facility Charges (PFC) to FAA to help fund needed terminal improvements.
- Architect consultant began developing concept plans.

### **Future Milestones**

- Meeting in Sitka with architect, airlines, and local stakeholders to review and develop concept plans on April 24, 2017.
- Prepare preliminary financial plan, concept diagrams, and preliminary project milestone schedule for Assembly approval June 2017.

### **Background**

The Airport Terminal Improvement Project is intended to remedy some of the existing critical problems identified in the Airport Terminal Master Plan 2008-2011, including working conditions in the baggage make-up area and in the TSA baggage screening area, as well as problems with congested passenger queuing, screening, baggage, fish boxes, and waiting areas, or passenger flow. The Airport Terminal Improvements Project is funded through a \$275,000 budget appropriation, FY14 from prior Passenger Facility Charges (PFC) collected for terminal improvements. There is a remaining balance of \$232,000 of PFC funds that have not been appropriated. Currently PFCs are not being collected to fund design and construction of terminal improvements.

CBS accepted a TSA design grant in the amount of \$158,569.25 to design specific improvements to the TSA Baggage Screening Area. Other areas impacted by these design changes are ineligible for the TSA design funding and need to be funded by other sources, like funds collected through Passenger Facility Charges.

The preliminary TSA baggage screening layouts impact other adjacent terminal areas/spaces. These limited conceptual design schemes do not address the many problems that exist with passenger flow, queuing and through-put, waiting areas, or the handling fish boxes (which impact all aspects of the terminal, especially during the visitor season). Staff are working on a plan with the airport consultants and stakeholders to

improve the airport terminal problems along with the baggage screening and will be presented to the Assembly for approval.

### **Sitka Wayfinding Signage**

#### **Milestones This Period**

- Collecting signage samples and cost information for the RFP preparation.
- Started RFP preparation.

#### **Future Milestones**

- Prepare the bid package and bid the project late spring/early summer 2017.
- Substantial Completion anticipated in fall 2017.

#### **Background**

Wayfinding signage was identified as one of the key projects in the 2010 Sitka Passenger Fee Fund Implementation Plan. On June 25, 2013 the Assembly approved a request from the Tourism Commission and Destination Sitka Working Group to move the Wayfinding Signage Project forward by funding the project utilizing Commercial Passenger Excise Tax proceeds. The Sitka Convention & Visitors Bureau (SCVB) was tasked to manage the project at that time. Later The Sitka Chamber of Commerce managed the project while the Consultant, Great Destinations Strategies (GDS), completed the design intent drawings and general specifications. With these complete, the project management has shifted to Public Works to oversee the fabrication and installation of the signage. The project is anticipated to be completed in 2017. The Assembly approved a budget appropriation of \$282,300 from CPET Funds, General capital projects Fund, for the purpose of designing and constructing Wayfaring signs.

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

#### **Milestones this Period**

- Coordination and design review of final drawings for site layout, transfer bridge, barge, small vessel float, gangway and fire suppression system.
- Barge demolition and retrofit in progress at Puget Sound facility.
- Procurement of long lead items to include transfer bridge steel, piles, dolphins, etc.
- Project is 36% complete with expenditures at approximately \$2.5 million.

#### **Future Milestones**

- Complete design activities April 2017.
- Outfit barge and install pile hoops April 2017.
- Transfer bridge fabrication and coatings April – June 2017.
- Dry-dock barge for coating application June-July 2017.
- On site construction anticipated September - October 2017.

#### **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 GPIIP Director, Garry White. A design/build contract was awarded to Turnagain Marine Construction in the amount of \$6,800,000 on November 22, 2016. The Assembly approved establishing a project contingency of \$250,000 utilizing \$125,000 from the Bulk Water Fund and \$125,000 from the GPIIP Enterprise Fund on December 13, 2016. Substantial completion is anticipated in October 2017.

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

### **Milestones This Period**

- None due to winter conditions.

### **Future Milestones**

- Mobilization for project scope south of John Brady (Phase II) to begin April 3rd. Substantial Completion is anticipated by June 6, 2017.
- Road closed to thru traffic from John Brady (Hames Center) to Lincoln Street.

### **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. A change order was executed to replace ~220 LF of critical sewer main which had not been anticipated, however had a significant belly (greater than 1 foot) and may have been a future issue that could undermine the new asphalt if not addressed. 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**

- Contractor is approximately 50 percent complete with the construction of the Landfill Lift Station. Remaining work includes installation of valve vault, wet well and pumps, and construction of leachate pond liner.
- CBS advertised for construction bids for the Crescent Lift Station project. Bids are due on April 6, 2017.

### **Future Milestones**

- Substantial completion for Landfill lift station construction is anticipated by mid-May 2017.
- Crescent lift station construction contract slated for award in late April. Substantial Completion for construction is August 18, 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 two 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 Enterprise Fund.

## **Federal Land Access Program (FLAP) Grant: Phase 6:**

### **Milestones This Period**

- None

### **Future Milestones**

- Sitka Trail Works will arrange for biological and cultural reports for NEPA environmental permitting to be completed in partnership with the Forest Service by this winter.

- Sitka Trail Works will apply for Corps permit on behalf of the City after US FS wetlands delineation. The Corps permit will be in place by 2018.
- The completion date is estimated spring 2020 for all permitting. The project will be construction ready at that time.

### **Background**

The City and Borough of Sitka has been awarded a \$250,000 MAP-21 Federal Lands Access Program (FLAP) Grant for planning, design and permitting of 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. Sitka Trail works is overseeing the work on behalf of CBS via a Memorandum of Agreement.

### **South Lake – West DeGroff water, sewer and street repairs:**

#### **Milestones This Period**

- CBS received and reviewed 95% design drawings, and provided review comments to the designer.

#### **Future Milestones**

- Final design package due April 6, 2017.
- Solicit construction bids in April 2017.
- Issue construction NTP in May 2017 with Substantial Completion anticipated by mid-September 2017.

### **Background**

The project includes replacement of aging, failing water, sewer and storm drainage infrastructure in Lake Street from the roundabout to DeGroff Street, and DeGroff Street from Lake Street to Monastery. The project will also replace pavement, curb, gutter and sidewalk, which will be demolished during the utility replacement. Funding for the project is provided by the following sources; \$1,000,000 FY2017 ADEC Grant, \$715,800 FY2015 ADEC Water and Sewer Loans, \$200,000 from FY2017 General Fund, \$50,000 from the 2017 Water Enterprise Fund and \$50,000 from the 2017 Wastewater Enterprise Fund.

### **Eagle Way (EW) and Old Harbor Mountain Road (OHMR) Utility and Road Upgrades:**

#### **Milestones This Period**

- Contractor completed installation of new water main (EW).
- Construction project is 25% complete.

#### **Future Milestones**

- Storm installation and embankment construction (EW) April 2017.
- Electrical conduit and street light installation (EW) April 2017.
- Mobilization and utility installation (OHMR) April 2017.
- Curb/gutter, sidewalk and paving (EW & OHMR) May/June 2017.
- Substantial Completion required by June 30, 2017.

### **Background**

The project will include new pavement, storm drainage, water main and services, and a pedestrian pathway within Eagle Way. The project will also include new pavement and storm drain improvements within Old Harbor Mountain Road. Funding for the project consists of a

\$1,500,000 State of Alaska Department of Commerce Community and Economic Development Grant.

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

#### **Milestones This Period**

- 85% design submittal received by CBS.
- Submittal of Cultural Resources Report to State Historic Preservation Office.
- Alaska Department of Natural Resources began processing Right Of Way application.

#### **Future Milestones.**

- Final design April 2017.
- Project permits received April/May 2017.
- Construction is anticipated to begin late Summer/Fall 2017.

#### **Background**

The project includes replacing both inadequate bridges, realignment at HPR intersection, upgrading Nelson Logging Road and pedestrian amenities 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 a \$2,343,000 State of Alaska Department of Commerce Community and Economic Development Grant.

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

#### **Milestones This Period**

- 85% design submittal received by CBS.
- Completion of cost/benefit analysis for Katlian Street indicates the previously planned grind and overlay to extend the life of the pavement out is not economically advantageous due to the deteriorated condition of the storm drain pipes and the need to remove and replace them in the near term. Katlian paving has been removed from project scope along with Gavan and Brady (removed prior month due to water main concerns after 2<sup>nd</sup> water main break in last 5 years).
- Scope now includes Lincoln (Jeff Davis to Sitka National Historic Park), Kashevaroff (Edgecumbe to Keet) and Sitka Community Hospital Emergency Access Driveway.

#### **Future Milestones**

- Meeting with Sitka Fine Arts Camp to finalize design of ADA parking for community playground April 2017.
- Final design completed April 2017.
- Construction is anticipated in summer 2017 with Substantial Completion by September 15, 2017.

#### **Background**

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

\$ 2,770,000	General Fund – Sitka Paving 2017
\$ 35,000	Water Fund – Sitka Paving 2017
<u>\$ 85,000</u>	Wastewater Fund – Sitka Paving 2017
\$ 2,890,000	Total Project Funding

## **Water**

- Water operators responded to a large number of frozen water services on the customer side. Oftentimes the homeowners/tenants are unsure of the water shut-off location within the home so operators will turn the water on and off at the curb valve while repairs/thawing takes place.
- Water and Wastewater operators attended a Confined Space training provided by the state's OSHA Compliance group. This was a classroom taught training that included practice setting up a tri-pod and using the winch to raise and lower a dummy.
- The water main on Tilson was hit by the contractor working on the landfill lift station. Water operators shut down the main while repairs were made. A boil water notice was issued and samples collected. The samples all passed and boil order rescinded.
- Water operators shoveled snow away from fire hydrants around town.
- Water operators continue to troubleshoot issues with one of the UV reactors. The reactor was disassembled and a defective part was replaced. The reactors are under warranty and we are working with the manufacturer as we troubleshoot the issues.
- A water leak surfaced on HPR and Crabapple. Traffic control was set-up, a contractor was hired for excavation (CBS crews were busy plowing snow), and utility locates were performed for phone, tv, and electric. The cause of the leak was due to corrosion of the black iron bolts on the flange connecting the valve to a stainless tapping saddle. Water operators cut out approximately 2 feet of the 6 inch pipe in order to install a new gasket, valve and sleeve. A boil water notice was issued to the affected residents and rescinded the next day when the samples passed.
- A water leak surfaced in the 400 block of Lake St. Water operators worked with the public works streets crew to close the road on Lake from the round-about to Degroff so crews could safely excavate in the middle of the road. The leak was due to a crack in the 6 inch cast iron water main. This section of pipe is part of the South Lake West Degroff Road and Utility Improvement project scheduled to commence in summer of 2017.

## **Wastewater**

- Wastewater operators worked with the public works streets crew to check the condition of the storm drains with the camera on Katlian.
- Wastewater crews performed a number of sewer locates for businesses and residents in various locations around town.
- A significant effort is in place to improve our safety program. Harnesses, lanyards, ladders, etc. have all been inspected and inspection forms created. The tri-pod winch was sent to the manufacturer for certification. Crane inspections have occurred and our facilities have been checked for tripping hazards, etc.
- The sewer line to the hydro plant froze so the wastewater crews used the camel to vacuum out their wet well. The sewer line is shallow so crews discussed some possible options to remedy the situation.