

**PUBLIC WORKS ASSEMBLY UPDATE**  
**WORK COMPLETED THROUGH JUNE 2018**

**Critical Secondary Water Supply**

**Milestones This Period**

- Consultant submitted draft geotechnical report on suitability of GPIP Lot 17 for proposed water filtration plant.

**Future Milestones**

- Consultant to submit geotechnical report on proposed water intake located in Sawmill Creek near the new electric power generation building, July 2018.
- Public Works to request Assembly approval for Alaska Department of Environmental Conservation (ADEC) loan to design and construct proposed water filtration plant, July 2018.
- Public Works to procure consultant to design critical secondary water intake and treatment plant, upon receipt of ADEC design loan. Estimated date: September 2018.

**Background**

The project is for design and construction of a secondary water source, for when the primary water source – Blue Lake water treated with ultraviolet (UV) radiation – is unavailable. Blue Lake water will not be available when the Electric Department inspects and maintains the penstock providing water from the dam to the power plant. Blue Lake water may also require filtration – not just UV treatment – if turbidity levels continue to exceed regulatory thresholds. The budget consists of \$75,000 in working capital. The FY2019 budget authorizes the expenditure of \$10 million in grant funding and \$18.49 million in loan funding, if it is secured. Operating funds have augmented the \$75K in working capital to pay for the consultant's services to date.

Current Contracts: CRW Engineering Group, L.L.C.

\$105,147

**Wastewater Treatment Plant (WWTP) Rehabilitation**

**Milestones This Period**

- The Change Order authorizing Professional Services for the design, cost estimating, bidding, and construction administration services for the WWTP Rehabilitation Project was approved June 12, 2018, and the design team began working on the project with the kick-off meeting held June 18, 2018.

**Future Milestones**

- 50% design and cost estimate anticipated August 2018. Findings to be reported to the Assembly at September 2018 presentation.
- Refine the cost estimates as the design is developed. Identify funding source for completion of project. Existing budget will be insufficient to rehabilitate the building, correct the life safety, code compliance and non-functional existing conditions.
- Bid and begin construction of the WWTP rehabilitation project, assuming sufficient funding is available, Spring 2019.

## **Background**

The Wastewater Treatment Plant was built in the early 1980s and most of the building systems, especially the HVAC (ventilation air) systems have failed or are past their useful life and require replacement. The air quality within the building is inadequate and corrosive and the exposed piping and metal within the building are corroded. The building's envelope leaks air and does not allow for proper pressurization of the office areas and other clean rooms. Corrosive air in these areas results in electronics regularly become dysfunctional within months, in addition to creating an unhealthy air quality for the WWTP operators. It is the intent of Public Works to move this project forward as quickly as possible as there are life safety issues that need to be addressed in the existing facility. Funding for this project is provided by the following sources: \$263,000 in Wastewater fund Working Capital and DEC loans with \$2,832,500 (secured) and \$1,825,000 (approved and pending signed agreement).

Current Contracts: McCool Carlson Green

\$806,321

## **Nelson Logging Road Upgrades**

### **Milestones This Period**

- Existing 50 foot bridge replaced with arch culvert.
- Fish fencing installed and fish removed at existing 100 foot bridge location.
- Existing 100 foot bridge removed and new embankment construction started.

### **Future Milestones.**

- New 90 foot bridge construction planned July 9 – July 15, 2018.
- Range access provided after July 15, 2018, after 7:00 pm daily. (This was achieved)
- Range access provided two weeks before hunting season during the day.
- Substantial Completion is January 2019

## **Background**

The project includes replacing both inadequate bridges, realignment at HPR intersection to raise the road elevation out of the stream floodplain, upgrading Nelson Logging Road to include drainage improvements, resurfacing, pedestrian amenities and widening. Funding for the project is provided by a \$2,343,000 State of Alaska Department of Commerce Community and Economic Development Grant.

Current Contracts: LEI Engineers & Surveying  
K&E Alaska, Inc.

\$415,390  
\$1,544,280

## **Lincoln Street & Katlian Street Paving**

### **Milestones This Period**

#### **Lincoln Street**

- Project design moving to 95% plans
- Developed concepts for pedestrian enhancements near St. Michael's Cathedral in response to comments received at project public meetings. Met with St. Michael's Cathedral Council to discuss enhancements. The Council did not want the major improvements designed in concept, and a much smaller option is being developed.

**Katlian Street**

- 65% plans reviewed and comments provided to consultant.
- Geotechnical investigation of the road embankment adjacent to the skate park parking lot completed.

**Future Milestones****Lincoln Street**

- 95% Lincoln Street plans due July 20, 2018.
- Construction anticipated Fall 2018 – Spring 2019.

**Katlian Street**

- 65% plans due July 20, 2018.

**Background**

The project includes replacing non-ADA-compliant curb ramps, failing storm drain, limited curb, gutter and sidewalk and all asphalt pavement on Lincoln Street from Harbor Way to Harbor Drive. Red concrete crosswalks are planned to be bid as an additive alternate. Additional funds are budgeted for FY19 and are required to complete this basic scope of work. Currently, funding for the project is provided by:

**Lincoln Street**

\$2,250,000 – General Fund

\$105,000 – CPET

\$30,000 – Water Fund

\$30,000 – Sewer Fund

\$2,415,000 – total available project funding

**Katlian Street**

- \$747,870 2016 – Remainder of General Fund budget Sitka Paving 2016 – 2017 with Brady and Gavin budget set aside.

Current Contracts:	Professional and Technical Services, Inc.	\$225,978
	Anderson Land Planning	\$5,000

**East DeGroff Water, Sewer and Street Repairs:****Milestones This Period**

- Installed, flushed, disinfected and tested water mains and services from Hollywood Way to Baranof Street.
- Installed storm mains and structures from Hollywood Way to Monastery Street.

**Future Milestones**

- Phase II (Baranof to SMC) construction to begin July 2018.
- Substantial Completion date is October 1.

**Background**

The project includes replacement of aging, failing water, sewer and storm drainage infrastructure in DeGroff Street from Hollywood Way to Sawmill Creek Road. The project will replace all pavement, curb, gutter and sidewalk. Scope will also include utility trenching work in Sawmill Creek Road, ahead of Alaska Department of Transportation project to re-pave SMC in 2019 or 2020. Funding for the project is

provided by the following sources: \$2.24 million from FY2015 ADEC Water and Sewer Loans, \$175,000 from the FY17 Water Enterprise Fund and \$45,000 from the FY17 Wastewater Enterprise Fund and \$300,000 from the FY18 General Fund.

Current Contracts: PND Engineers	\$144,747
K&E Alaska	\$1,812,667

### **O'Connell Lightering Float Pile Replacement:**

#### **Milestones This Period**

- Assembly Board of Appeal heard bid protest June 14.
- Assembly approved awarding construction contract to Turnagain Marine Construction Corp.

#### **Future Milestones**

- Award construction contract July 2018 for \$483,800.00 to Turnagain Marine
- Permitting completed Fall 2018.
- Substantial Completion anticipated by June 30, 2019.

#### **Background**

With lightering traffic reduced due to cruise ships mooring at Old Sitka Dock, and what lightering remains shifting to the Crescent Lightering Facility near Harrigan Centennial Hall, Harbor Staff have found O'Connell to be a popular moorage location for yacht owners. However, the existing pilings at the O'Connell Lightering Float were installed too shallow to support yacht moorage as evidenced by several piles being displaced during a storm event. This project will replace all pilings at the facility with new rock-socketed pilings specifically designed to support large yachts. The Assembly approved an appropriation of \$280,000 from the Harbor Fund Undesignated Working Capital on September 12, 2017, on 2<sup>nd</sup> reading. This amount was insufficient given regulatory agency feedback and timeframes. An additional \$290,000 appropriation from the Harbor Fund Undesignated Working Capital was approved by the Assembly on March 27, 2018, on 2<sup>nd</sup> reading.

Current Contracts: PND Engineers	\$35,380
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### **Sitka Wayfinding Signage**

#### **Milestones This Period**

- Final approval of shop drawing achieved June 22, 2018. Production of shop drawings is in progress.

#### **Future Milestones**

- Fabrication and shipping of signs is anticipated in July and August 2018.
- Substantial Completion of signage installation anticipated late August – early September 2018.

#### **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 (CPET) 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 Assembly approved a budget appropriation of \$282,300 from CPET Funds, General Capital Projects Fund, for the purpose of designing and constructing Wayfinding signs.

Current Contracts:	Axia Creative	\$25,910
	CBC Construction	\$166,018

### **Police Station Planning Study**

#### **Milestones This Period**

- Consultant developed the draft “Space Standards and Space Needs Assessment” and space diagrams with input from the SPD.
- CBS developed the Smart Map of Sitka with potential new PD locations to coordinate with the site matrix.

#### **Future Milestones**

- Core stakeholder meetings anticipated to begin July/August 2018.
- Stakeholder/Public/Assembly meetings anticipated August, September, and October 2018.
- Final report and study completion anticipated December 2018.

### **Background**

The Sitka Police Department and Jail occupies one-third of the first floor in the City/State Court/Office Building. The Sitka Police Offices and jail do not meet current industry standards. It is nonfunctional, unsafe, and severely inhibits the effective delivery of police service to Sitka. The City/State Building was built in 1974-76 in partnership with the State of Alaska. The City owns the land including the parking lot and is joint owner with the State of the building. Expenses for maintenance and operations per agreement December 1993, are split 34% CBS and 66% State based on the occupancy remaining within the building. Maintenance of the facility and its building systems, along with replacement of non-functional and obsolete infrastructure, has not kept pace with facility needs. It is known that repairs to the facility to address its deferred maintenance are conservatively estimated to exceed \$1 million. How these costs are to be shared is to be determined, and is complicated by the shared ownership of the facility with the State of Alaska. Given Alaska’s current fiscal status, reaching a timely cost-sharing agreement is a point of significant concern.

Current Contracts:	Stantec	\$57,558
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### **Airport Terminal Improvements:**

#### **Milestones This Period**

- Two days of productive Schematic Design Meetings, attended by Airport Stakeholders including representatives from Alaska Airlines, Delta Air Lines, State of Alaska DOT, and local representatives were held in Sitka to validate the approved concept diagram/plan for schematic design development. Three

options were presented and discussed, one option was unanimously chosen and modified per design meeting comments.

- Collection of Passenger Facility Charges (PFC) began May 1, 2018. Total anticipated revenue collection over the 20-year period of collection is \$6,840,000.00.

#### **Future Milestones**

- Funding of roughly \$4 million for design and construction of a portion of the Terminal Improvements Project is anticipated to be part of the CBS Municipal Bond Package expected in Fall 2018. This debt and its debt service fees will be paid with the PFCs referenced above.
- Other funding sources for terminal improvements beyond the PFC/Bonding are actively being developed and sought, including Airport Improvement Program (AIP) funds for improvements that are AIP eligible and seeking funding through the new \$1 billion omnibus federal spending package for rural airport capital improvement projects, user fees, and TSA stakeholder grants for screening/security improvements.
- If bond funds are secured in Fall 2018, it is anticipated that the first phase of construction will be Oct. 2019- April 2020.
- The State of Alaska DOT will be sending information about the upcoming parking lot management changes and options.

#### **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 TSA baggage screening area, as well as problems with congested passenger queuing, screening, baggage, fish boxes, waiting areas and passenger flow. 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. The Assembly approved moving forward to the 65% Schematic Design Milestone for the preferred concept plan that was presented in the Assembly work-session August 8, 2017.

Current contracts: MCG Architects

\$449,069

#### **Cross Trail (Granite Creek to Ferry):**

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

- Sitka Trail Works submitted application for U.S. Army Corps of Engineers permit for construction in regulated wetlands.

##### **Future Milestones**

- Select final alignment and finalize design drawings by August 2018.
- Construction anticipated in early 2019, provided CBS has secured sufficient funds to match 9.03% of the construction fund grant amount. Expect initial response from Rasmuson Foundation grant request in September 2018.

#### **Background**

The City and Borough of Sitka was awarded a \$250,000 MAP-21 Federal Lands Access Program (FLAP) Grant for planning, design and permitting of Phase 6 Cross Trail

multimodal pathway – a connector from Kramer Drive to Alaska Marine Ferry Terminal – by Western Federal Lands. The Assembly approved submission of the grant in Resolution 2014-06 in April 2014. Sitka Trail Works is overseeing the design work alongside CBS via a Memorandum of Agreement. Received a \$1.93M construction grant from Western Federal Lands in October 2017, which cannot be spent until CBS and Sitka Trail Works secure the required match funding.

#### **Davidoff & Peterson Storm Sewer Rehabilitation:**

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

- Applied for Alaska Sustainable Salmon Fund (ASSF) and Fish Passage Program Grants for replacement of Peterson Street culvert.

##### **Future Milestones**

- Finalize design and bid package for Davidoff improvements, August 2018.
- Award Davidoff construction contract, September 2018.
- Rehabilitate or replace where appropriate Davidoff storm infrastructure, January 2019.
- Schedule of design and construction of Peterson Street culvert replacement dependent on two outstanding grant applications.

##### **Background**

The project includes rehabilitation and/or replacement of deteriorated storm drain infrastructure to include: a 60" corrugated metal culvert crossing under Peterson Street, and two 30" and two 36" metal culverts and two metal storm structures adjacent to Davidoff Street, between Charteris and HPR. Funding for the project is provided in the FY18 General Fund at \$350,000, and in the FY19 General Fund at \$150,000, for a total of \$500,000.

Current Contracts: Steph Engineering

\$37,500

#### **Gary Paxton Industrial Park Access Ramp:**

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

- Contract with PND for first stage planning study approved

##### **Future Milestones**

- Stakeholders meeting will be held July 27, 2018.

##### **Background**

The project includes planning and design for a multipurpose boat ramp for the Gary Paxton Industrial Park. The ramp is to be associated with the new existing barge ramp constructed adjacent to the Boat Building Lot. Project funding of \$40,000 provided in Gary Paxton Industrial Park Budget.

Current Contracts: PND Engineers Inc.

\$18,550

#### **Eagle Way Lift Station Rehabilitation:**

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

- Issued Notice to Proceed to Boreal Controls Inc., for design support.

## **Future Milestones**

- Design lift station upgrade to convert existing wet well/dry well scheme to submersible lift station with a valve vault, September 2018.
- Procure construction contractor, March 2019.
- Procure pumps and control/electrical equipment, March 2019.
- Rehabilitate lift station, May 2019.

## **Background**

The original Eagle Way – Old Harbor Mountain Road project included new pavement, storm drainage, water main and services, and a pedestrian pathway within Eagle Way, and 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, of which \$250,000 remains. DCCED approved these remaining funds being used for the lift station rehabilitation work. This funding was combined with \$135,000 in FY2018 working capital and \$85,000 in FY2019 working capital for a total project budget of \$470,000.

Current Contracts: Boreal Controls, Inc.

\$87,700

## **Streets**

- Grading Roads 87 Man and Equipment Hrs. which =16.1% of total work
- Spray Patching 68.5 Man and Equipment Hrs. (12.7%)
- Crosswalk Painting 50 Man and Equipment Hrs. (9.3%)

## **Solid Waste**

- Scrapyard
- Transfer of 68 55 gal barrels of gasoline and ship 93 Man Hrs. (17.2%)
- Dig landfill material out of Granite Creek 74 Man Hrs. (13.7%)

## **Grounds**

- Summer maintenance rotation A&B as normal
- Maintenance on athletic field per field use schedule
- Moller shed roof replacement
- Kimsham gate installation for stock
- Vilandre Field: peeled back sod growth to allow for parking, retract from mowing
- Brushing maintenance of various sites
- Kimsham field drainage work
- Assist street crew with patching & painting
- Thimbleberry Bridge Repair
- Sitka Community Playground at Crescent Harbor Project support

## **Buildings**



- General programmed maintenance and requested maintenance
- Harrigan Centennial Hall fire panel repairs
- Wastewater Treatment Plant boiler repair
- Airport sprinkler leak line repair
- Prep Senior Center exterior painting project
- Prep work and extinguishers for scrapyard

#### **Future Public Works M&O Milestones**

- Upkeep of new Sitka Community Playground
- Write up Specifications for new scale at Transfer Station and Scale Shack Building