

PUBLIC WORKS ASSEMBLY UPDATE
WORK COMPLETED OCTOBER 2015

Kettleson Memorial Library Expansion:

Milestones this period

- All structural design issues have been resolved and the required changes are being incorporated into the work.
- Mechanical, Plumbing and Electrical Rough-In Complete.
- Roof Installation 100% complete.
- Window installation 80% complete.
- Exterior Finishes 75% complete.
- Insulation and Drywall 100% complete.
- Interior Paint 90% complete.
- Exterior Concrete and Paving 90% complete.
- Interior Tile 95% complete.
- Heat Pumps Installed.
- Exterior Soffit started.
- Interior Casework and Finishes started.

Future Milestones

- Interior Finishes to be complete November 2015.
- Exterior Finishes to be complete November 2015.
- Heating System Start up Mid November 2015.
- Shelving and Furniture to be complete November 2015.
- Construction is anticipated to be complete in late November 2015.

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

- HCH Staff continues to facilitate public meetings in the two designated meeting rooms in Sealing Cove Business Center, 601 Alice Loop Road (Alice Island), and the Assembly Meetings at UAS. This will continue during the construction of HCH.
- Construction began August 1, 2015. Hazardous material abatement and selective building demolition is complete.
- Portions of the east and west areas adjoining the Auditorium are framed enclosed and roofed and 'in the dry'. The re-roof of the Auditorium was completed earlier; it is in the dry too.
- The new Lobby custom 'kingpin' roof trusses are installed.
- The new Museum is nearly framed and enclosed.
- The underground electrical and plumbing in the area west of the Auditorium (new Kitchen and new Electric Room) are installed and passed inspection. The new concrete slab is poured in this area.

- Roof trusses in the area in front of the Auditorium and the new Lobby are installed.

Future Milestones

- Installation of underground utilities from the west across the auditorium to the east, to be followed by new concrete slabs in the areas that are 'in the dry'.
- Continue framing and enclosing reconstructed and expanded areas.
- Continue roofing with the goal to have the full building enclosed and in the dry before the end of the year.
- Begin interior framing and finishes in the enclosed, or dried in areas, with slabs.
- Award AV Equipment contract.
- 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 FY10 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.

Baranof Warm Springs Dock Replacement:

Milestones This Period

- Alaska Department of Transportation (ADOT) rejected all bids for the project on October 2, 2015. All bids submitted exceeded the available funding for the base bid.

Future Milestones

- Redesign and re-bid project in Fall 2015.
- Construction completion Fall 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.

Sitka Transient Float Replacement:

Milestones This Period

- Submittal review ongoing.
- Northern Construction Service (NCS) arrived in Sitka and began staging job trailer and containers in preparation for ancillary work beginning on the drive down float in early November.

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

- FAA notified CBS that grant funding would not be available this year due in large part to FAA concerns over a decline in number of based aircraft.

Future Milestones

- Utilize remaining FAA grant funds to update Seaplane Base Siting Study to address FAA concerns (Winter 2015/Spring 2016).

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 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.

South Kramer Debris Removal and Repair:

Milestones This Period

- Began advertising bid documents to complete debris removal and road/ditch/utility repair for South Kramer slide.

Future Milestones

- Bid opening is planned for November 3, 2015.
- Substantial Completion required by December 21, 2015.

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.

Edgecumbe Drive Street Reconstruction:

Milestones This Period

- Public Works and design-builder hosted a construction progress public meeting on October 8, 2015. The next one is scheduled for November 19 at 7 p.m. at Blatchley Middle School.
- Completed paved roadway except portion from Cascade Creek Road to Wortman Loop.
- Completed paved multi-use path except portion from Cascade Creek Road to the crest of the hill north of Wortman, and from Kimsham to Peterson.
- Installed all curbs for the Kimsham roundabout.
- Painted the paved portion of the road.

Future Milestones

- Complete mainline paving, early November 2015.
- Complete multi-use-path paving, early November 2015.
- Install signing and striping at the Kimsham roundabout, early November 2015.

Background

The project includes drainage, sidewalk, curb and gutter, road subgrade and pavement improvements on Edgecumbe 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.

Airport Terminal Upgrades:

Milestones This Period

- Updated the estimated design costs for the design of improvements to the Transportation Security Administration (TSA) baggage screening room, and the luggage "bag bay." Provided updated estimate to TSA, who has prioritized a "Checked Baggage Explosives Detection System" project at Sitka Rocky Gutierrez Airport, based on a grant application submitted in Fall 2014. TSA indicated funds might be available in "late October or early November 2015."

Future Milestones

- Work with our design consultant, McCool Carlson Green (MCG) to provide information needed by TSA to finish processing application.
- Revise already-submitted application and send to TSA in mid-October 2015.
- 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.

Hollywood & New Archangel Water, Sewer and Road Upgrades:

Milestones This Period

- Contract with Coastal Excavation has achieved final completion.

Future Milestones

- Close grant and loans with ADEC's Municipal Grants and Loan Program.

Background

The project includes water, sewer, storm drain, pavement, curb and gutter and sidewalk improvements on Hollywood Way and New Archangel Street from Halibut Point Road to

Marine Street. Funding is available from ADEC Loans (\$750,000), an ADEC Grant (\$552,300) and from the General Fund (\$232,000) for ADEC-ineligible expenses.

Lake Street Storm Drain Rehabilitation:

Milestones This Period

- Awarded Notice to Proceed on a contract with Coastal Excavation to bolster the culvert passing Arrowhead Creek under Lake Street.

Future Milestones

- Install Cured In Place Pipe (CIPP) liner prior to December 31, 2015. Target week is November 16.
- Depending on remaining budget, take advantage of CIPP contractor's presence in Sitka to address other failing storm water pipes.

Background

The project will repair a 42" culvert passing Arrowhead Creek under Lake Street, near 701 Lake Street. The culvert is corroding and is in danger of collapse. This project was budgeted in FY15 from the General Fund (\$299,000).

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

Milestones This Period

- 65% plans reviewed and comments provided to consultant

Future Milestones

- 90% plans review November 2015
- Final design of the project is expected in December 2015.
- Advertisement for bids January 2016
- Construction is anticipated summer 2016.

Background

Funding for the project consists of a \$1,500,000 2013 Commerce Community and Economic Development Grant. 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.

Nelson Logging Road Upgrades:

Milestones This Period

- Final Phase 1 Preliminary Engineering Report Submitted

Future Milestones

- Phase 2 change order for final design
- Meetings with Forest Service and State of Alaska Department of Natural Resources
- Construction is anticipated summer 2016 to fall 2017

Background

This project includes upgrading Nelson Logging Road to include upgrading and/or replacing both inadequate bridges and the roadway to accommodate two-way traffic. The roadway is also to be moved toward the south and/or raised above the winter and spring flooding at the Starrigavan Creek estuary and eliminate sloughing off of the roadway into Starrigavan estuary. 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

- Facility is functional and operational

Future Milestones

- Final Punch List items completed in November 2015
- Additional Work to add equipment change order in process

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

Monastery and Baranof Water and Sewer Project:

Milestones This Period

- Project reached Physical Competition 10/28/15

Future Milestones

- Final Completion November 2015

Background

The project includes replacement of the water and wastewater systems, new pavement with curb and gutter, storm drain improvements and sidewalk on one side on Baranof Street.

Funding for the project is provided by the following sources:

- \$533,000 FY 2014 ADEC Sewer Loan
 - \$497,000 FY2014 ADEC Water Loan
 - \$763,000 FY 2015 ADEC Grant (30% local match requirement)
 - \$102,000 CBS Capital Improvement Monastery Street FY15
 - \$81,000 CBS Capital Improvement Baranof Street FY15
- \$1,976,000 Total Project Funding

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

Milestones This Period

- The construction crew has completed the Pherson Street access point and the trail to the BIHA property.
- MHLT is reviewing the final as-built for the portions of the trail that are on their property.
- As-built surveying is being finished up on all aspects of the trail.

Future Milestones

- Trailhead planning: bollards, trailhead signage, kiosks, and multiuse trail signage.
- The completion date is estimated around November 2015.

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

- Finalize and execute a reimbursable agreement with Western Federal Lands October 2015.

Future Milestones

- Hire a consulting company for planning, design, and complete environmental and permitting sometime in October 2015.
- The completion date is estimated around May 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.

Jarvis Control and Crescent Harbor Shelter Re-roofing:

Milestones This Period

- Final completion- Warranties and closeout assurances to fulfill contractual obligations and final payment to CBC.

Background

The Crescent Harbor Shelter roof was the original from the 1985 construction of the Shelter and was failing. It was replaced with architectural shingles to match the roofs planned for Harrigan Centennial Hall and Kettleson Memorial Library. The Jarvis Substation Control Building had a flat (low slope) roof. It was leaking, under-insulated, and expensive to maintain, thus a shingled gable roof and added insulation were designed and built to reduce annual operating and replacement costs. The Assembly awarded a Design-Build contract in the amount of \$185,500 to CBC Construction for completion of this project during the September 23, 2014 assembly meeting. Total project funding included \$111,993 from the Harbor Fund and \$120,000 from the Electric Fund for a total approved budget of \$231,993.

Jeff Davis Street Water and Sewer Improvements:

Milestones This Period

- Began work on Request for Qualifications (RFQ) seeking professional design services for this project

Future Milestones

- Advertise RFQ.
- Select consultant.
- Award contract.

Background

The project will replace approximately ~50-year old undersized water main with new, large diameter pipe within Jeff Davis Street. The project will also remove 3 residences on Jeff Davis from a section of failing 1930's vintage wood stave sewer and connect them to the

existing sewer main. Funding for the project is provided by the following sources; \$644,000 FY2015 ADEC Grant and \$812,000 FY2014 ADEC Water Loan.

Gary Paxton Industrial Park Dock:

Milestones this Period

- R&M Engineering – Ketchikan progressing with feasibility study of floating dock.

Future Milestones

- R&M complete feasibility study of floating dock to help determine direction of dock project.

Background

The engineering of the project remains on hold while changes to the proposed use of the dock facility continue to be considered by the GPIIP Board of Directors and CBS staff. Possible changes to the original basis of design include (but are not limited to):

- 1) Constructing facilities that will be fully ready and able to accommodate a large (250 ton) sling-type boat haul out device;
- 2) Design/construct whatever configuration is chosen, so that the facility can be easily expanded in the future to accommodate container ships of the sort used in other major Alaskan ports; and
- 3) Relocate the facility to the shallower waters at the head of the cove. CBS staff prepared concept sketches of several possible layouts or configurations to be considered under #3. Please note that Item #3 will exclude the possibility of Item #2.

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 Gary Paxton Industrial Park Director, Garry White. The firm of Moffatt & Nichol (M&N) has been awarded a contract to provide the design for the GPIIP Dock Project. R&M Engineering - Ketchikan has been hired to complete a floating dock feasibility study.

Water

Water operators responded to seven water leak calls. Four of the calls turned out to be ground water and three calls were customer side water leaks.

Water operators repaired a leak on Edgecumbe Drive. A water leak on Sawmill Creek Road was repaired as part of the Baranof/Monastery utility project.

Locates were performed at various locations throughout the distribution system for work being performed by Chatham Electric, Harry Green, Southeast Earthmovers and Jeffus Williams.

The 4th quarter disinfection by product samples were completed and results are within allowable limits. The Blue Lake inundation sampling will be completed by December 1st.

We experienced elevated turbidity (cloudiness) after the August 18th rain event. The drinking water rules require us to post a public notice when turbidity exceeds 5 NTU. Turbidity has no health effects, however it can interfere with disinfection and provide a medium for microbial growth. Our chlorine demand has not increased and the results of daily coliform testing have

been well below the regulatory limits. Our disinfection has not been adversely effected. The turbidity levels continue to decline. Staff have spent a significant amount of time investigating the cause of the elevated turbidities. They have worked closely with the hydro staff in order to perform sampling throughout the lake and at the intake. We are still gathering data, but we believe disturbed glacial silt from the extreme rain events is the cause of the elevated turbidities. Glacial silt is very fine and can take long periods of time to settle.

Water operators continue to work out the bugs with the UV facility, this includes learning how to adjust flow control logic to match the community water demands. The necessary repairs are covered under warranty.

Wastewater

Staff performed the final walkthrough of the Baranof and Monastery utility project. A few areas were noted as needing attention. The contractor has since addressed those areas. Water operators ensured all water valves were accessible and in working order.

The wastewater crew performed locates on Edgecumbe Drive and Monastery streets.

The lift station domes (the entry way into the below ground rooms where the pumps and controls are housed) and bollards were cleaned and painted.

Wastewater staff used the Camel to clean a section of the sewer main on Lincoln St.

A sewer main on Kimsham was hit by a contractor resulting in staff overseeing the repair and using the Camel to clean out debris that entered through the break.

In preparation for the Household Hazardous Waste Event, staff attended an 8 hour Hazwoper Refresher course with Steve Haavig of Carson Dorn. The course included a review of state and federal regulations, necessary personal protective equipment, hazard identification, etc.

The Fall Household Hazardous Waste Event occurred on October 4th and 5th. The event was a success and everything flowed smoothly. This year's event resulted in more household waste than the fall 2014 event. A total of 5 cartons and 13 drums were shipped out. The public was very appreciative of this service.

Wastewater staff worked on the annual cleaning of the lift station wet wells. The Camel is used to remove grease, grit, sludge and debris.

The screen on the dimminuter (grinder) at the Thompson Harbor lift station broke causing the rotating cutter to lock up. Maintenance staff were able to get a temporary fix in place until the parts are received. The dimminuter is a crucial component at the lift station as it grinds up large debris that could otherwise cause blockages or wreak havoc on our pumps.

During routine cleaning a break was discovered in the force main from the landfill lift station. This lift station is scheduled to be replaced in 2016, however repair to the line cannot wait for the replacement to occur. This will be the third repair to this line in the past year and a half.

DRAFT

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

STATE DECLARATION NO. AK-15-254	PROJECT NO.	DATE 10/1/2015	CATEGORY A	PROJECT WORKSHEET NO. 499
DAMAGED FACILITY Debris Removal City Wide		WORK COMPLETE AS OF: 10/12/15 : 20 %		TAX ID NO. (and/or) EIN NO. 92-0041163
APPLICANT City/Borough of Sitka		BOROUGH Sitka		
LOCATION City Wide			LATITUDE	LONGITUDE
Was this site previously damaged	YES	NO	X	UNSURE

DAMAGE DESCRIPTION AND DIMENSIONS
 On August 18, 2015 a strong storm system brought heavy rains and winds to Sitka Alaska. Sitka rainfall is running more than 200% of normal as of August and will most likely will be one of the wettest years on record. 2.57 inches of rain fell at the Sitka Airport between 4AM and 10AM AKDT on August 18 and this appears to be an all time record for six hours of precipitation. Given the record rainfall rate and previously soaked ground strata, landslides and mudslides were indicated. Three slides on the Sitka road system were started during this event along with road washouts. Ground water and streams continued to flow into the slide areas for another 24 to 36 hours after the heavy rain making the slide debris unstable and dangerous.
 This Project Worksheet (PW) will cover the debris removal from multiple sites: South Kramer Ave, North Kramer Ave, Sawmill Creek Road, Blue Lake Road, Water Plant Access Road and Granite Creek.

*****See Continuation Page 1*****

SCOPE OF WORK
 The City/Borough used contract work and force account labor to initially clear mixed vegetative debris that had been deposited throughout the areas of the city/borough, posing access issues for emergency vehicles, as well as health and safety hazards for residents within the community. The City/Borough plans to use contract labor to collect and dispose of approximately 67,500 cubic yards of debris from 6 separate sites. Smaller woody debris will be chipped, logs will be stacked in a designated area that citizens can cut up for firewood. Rock and mud will be hauled off site to a designated location for disposal.

Work Completed

Site 1 - South Kramer Ave (N. 57.04402 - W. 135.22098) The City/Borough used contract labor with Force Account Labor oversite to remove 5246 cubic yards of debris to gain access to the road. Materials were stockpiled during a search and rescue operation and to control storm water runoff in the area. Additional damages in this area will be covered under other PW's, which include electrical boxes, fire hydrant, road and culvert damages. Estimated cost: \$200,000.00

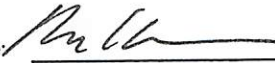
*****See Continuation Page 1*****

Does the scope of work change the pre-disaster conditions at the site?	N
Special Considerations issues included?	N
Is there insurance coverage on this facility?	N
Hazard Mitigation proposal included?	N

PROJECT COST						
ITEM	VER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
Work Completed						
1	0	South Kramer	1	1	\$ 200,000.00	\$ 200,000.00
2	0	North Kramer	1	1	\$ 15,000.00	\$ 15,000.00
3	0	Sawmill Creek Road	1	1	\$ 50,000.00	\$ 50,000.00
4	0	Blue Lake Road	1	1	\$ 15,000.00	\$ 15,000.00
5	0	Water Plant Access Road	1	1	\$ 6,000.00	\$ 6,000.00
6	0	Granite Creek	1	1	\$ 15,000.00	\$ 15,000.00
Work to be Completed						
1	0	South Kramer	1	1	\$ 200,000.00	\$ 200,000.00
2	0	North Kramer	1	1	\$ 50,000.00	\$ 50,000.00
3	0	Blue Lake Road	1	1	\$ 50,000.00	\$ 50,000.00
4	0	Water Plant Access Road	1	1	\$ 7,500.00	\$ 7,500.00
5	0	Granite Creek	1	1	\$ 20,000.00	\$ 20,000.00
6	0	Direct Administrative Costs	1	1	\$ 7,500.00	\$ 7,500.00
TOTAL COST						\$ 636,000.00

PREPARED BY: _____ TITLE: _____

I agree to only perform work activities and seek reimbursement for the activities contained within the "Scope of Work" above.

Applicant's Signature/Date:  Printed Name: Mark L. Passmore

DHS&EM Signature/Date: _____ Printed Name: Mark L. Passmore

DRAFT

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

DECLARATION NO. AK-15-254	PW NO. 499	TAX ID / EIN 92-0041163	DATE 10/1/2015	CATEGORY A
DAMAGED FACILITY Debris Removal City Wide			WORK COMPLETE AS OF: 10/12/2015 : 20 %	
APPLICANT City/Borough of Sitka		BOROUGH Sitka	PROJECT TITLE Debris Removal 6 Sites	
LOCATION City Wide			LATITUDE 0	LONGITUDE 0

DRAFT

CONTINUATION PAGE 1

DAMAGE DESCRIPTION AND DIMENSIONS - SCOPE OF WORK

Damage Description and Dimensions Continued

Site 1 - South Kramer Ave (N. 57.04402 - W. 135.22098) 35,246 cubic yards of debris impedes access to the road. Materials were stockpiled during a search and rescue operation and to control storm water runoff in the area. Additional damages in this area will be covered under other PW's, which include electrical boxes, fire hydrant, road and culvert damages.

Site 2 - North Kramer Ave. (N. 57.05301 - W. 135.22543) 80 cubic yards of debris impedes access to the road. Other damages in this area were the road, culvert and guard rail which will be covered in additional PW's.

Site 3 - Sawmill Creek Road (N 57.02495 - W 135.13581) 2,050 cubic yards of debris impedes access to the roadway. Additional debris front of the City/Borough owned Administrative bldg will be covered under additional PW's.

Site 4 - Blue Lake Road ((N 57.02495 - W 135.13581) 50 cubic yards of debris impedes access to the Blue Lake Dam. Other damages in this area such as the road way surface material being washed away will be covered under another PW.

Site 5 - Water Plant Access Road (N57.051655 - W135.230792) 500 cubic yards of debris plugged a 48" culvert awchich threatened a road washout and damage to the City's potable water and electric transmission lines.

Site 6 - Granite Creek (N 57.10421 - W 135.38808) 3,000 cubic yards of debris within the creek prevented the creek from flowing its natural path and impeded drainage conveyance to municipal drainage structure

Work Completed Continued

Site 2 - North Kramer Ave. (N. 57.05301 - W. 135.22543) The City/Borough used contract labor with Force Account Labor oversite to remove 80 cubic yards of debris to gain access to the road. Materials were stockpiled during a search and rescue/recovery operation and to control storm water runoff in the area. Other damages in this area were the road, culvert and guard rail which will be covered in additional PW's. Estimated cost: \$15,000.00

Site 3 - Sawmill Creek Road (N 57.02495 - W 135.13581) The City/Borough used contract labor with Force Account Labor oversite to remove 2,050 cubic yards of debris from the roadway and from in front of the City/Borough owned Administrative bldg that will be covered under additional PW's. Cost: \$50,000.00.

Site 4 - Blue Lake Road ((N 57.02495 - W 135.13581) The City/Borough used contract labor with Force Account Labor oversite to remove approx 50 cubic yards of debris to gain access to the Blue Lake Dam. Materials were stockpiled in ROW to be removed at a later date. Other damages in this area was the road way surface material washed away which will be covered under another PW. Estimated cost of \$15,000.00

DRAFT

PREPARED BY: Mark L Passmore	TITLE: EMS III - Branch Chief
APPLICANT: Mark Gorman	TITLE: Municipal Administrator

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

DECLARATION NO. AK-15-254	PW NO. 499	TAX ID / EIN 92-0041163	DATE 10/1/2015	CATEGORY A
DAMAGED FACILITY Debris Removal City Wide			WORK COMPLETE AS OF: 10/12/2015 : 20 %	
APPLICANT City/Borough of Sitka		BOROUGH Sitka	PROJECT TITLE Debris Removal 6 Sites	
LOCATION City Wide			LATITUDE 0	LONGITUDE 0

DRAFT

CONTINUATION PAGE 2

Scope of Work

Work Completed Continued

Site 5 - Water Plant Access Road (N57.051655 - W135.230792) The City/Borough used contract labor with Force Account Labor oversite to remove 500 cubic yards of debris that was plugging a 48" culvert and work to prevent road washout and damage to the City's potable water and electric transmission lines. Estimated cost of \$6,000.00.

Site 6 - Granite Creek (N 57.10421 - W 135.38808) The City/Borough used contract labor with Force Account Labor oversite to remove 3,000 cubic yards of debris that was preventing the creek from flowing its natural path. The debris was removed as it was impeding drainage conveyance to municipal drainage structure and prevent further damage to roadways along the creek downstream. Estimated cost of \$15,000.00.

Work to be Completed

Site 1 - South Kramer:

Remove remainder of slide debris, estimated 30,000 cubic yards. Work to be contracted at an estimated cost of \$200,000.00 (See maps)

Site 2 - North Kramer:

Remove remaining slide debris, estimated at 10,000 cubic yards. Work to be completed by contract at an estimated cost of \$50,000.00. (See maps)

Site 4 - Blue Lake Road

Remove remaining slide debris estimated at 10,000 cubic yards. Work to be completed by contract at an estimated cost of \$50,000.00 (See Map)

Site 5 - Water Plant Access Road:

Remove remaining debris estimated at 1,500 cubic yards. Work to be completed by contract at an estimated cost of \$7,500.00 (See Map)

Site 6 - Granite Creek:

Remove remaining slide debris estimated at 5,000 cubic yards. Work to be completed by contract at an estimated cost of \$20,000.00. (See Map)

******Project Worksheet (PW) version will be written to reflect actual eligible costs for Force Account Labor and on awarded contracts.******

******Direct Administrative Costs will be adjusted to reflect actual eligible cost******

DRAFT

PREPARED BY: Mark L Passmore	TITLE: EMS III - Branch Chief
APPLICANT: Mark Gorman	TITLE: Municipal Administrator

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

STATE DECLARATION NO. AK-15-254	PROJECT NO.	DATE 10/1/2015	CATEGORY C	PROJECT WORKSHEET NO. 501
------------------------------------	-------------	-------------------	---------------	------------------------------

DAMAGED FACILITY Roads City Wide	WORK COMPLETE AS OF: : 0 %	TAX ID NO. (and/or) EIN NO. 92-0041163
-------------------------------------	-------------------------------	---

APPLICANT City/Borough of Sitka	BOROUGH Sitka
------------------------------------	------------------

LOCATION City Wide - 6 Sites	LATITUDE	LONGITUDE
---------------------------------	----------	-----------

Was this site previously damaged	YES	NO	UNSURE
----------------------------------	-----	----	--------

DAMAGE DESCRIPTION AND DIMENSIONS

On the morning of August 18, 2015 a strong storm system with tropical moisture brought heavy rain accompanied by moderate wind gusts began to affect the Sitka area. Sitka Airport reported 2.57" of rain in a 6 hour time period. This was an all-time record rainfall for a 6 hour period, this added to an already 200% increase in rain fall as of August 2015. Potentially the rain fall at the ridgeline could have been as much as double the amount reported, though there are no recording instruments in that area.

As a result of the current conditions and adding the new storm effects; there were three landslides on the Sitka road system, road washouts, and a sink hole. This situation was made worse by the continued flow of ground water and streams into the slide debris for another 24 to 36 hours after the heavy rain halted made the slide debris unstable and dangerous to work on or near.

See Continuation Page

SCOPE OF WORK

Work Completed
Site 5: Gavan Subdivision (N35.06811 W135.35309) Reestablish ditching, repaired erosion to road surface, regrade and compact road surface.

Work to be Completed
Site 1: South Kramer (N57.07783 W135.36938) Restore ditching in ROW. Reestablish ditching on private property to drain to ROW. Replace drainage culverts. Repair erosion to road surface. Regrade and compact new D-1 on road surface.
Site 2: North Kramer (N57.09169 W135.38175) Reestablish ditching, install culverts, regrade and compact new D-1 and repair of eroded road surface for a total of approximately 400' x 20' of road and a 20 feet of 24" culvert.
Site 3: Green Lake (N57.05117 W135.23489) Complete ditching, install culverts, regrade and compact new D-1 and repair of eroded road surface for a total of 800' x 20' with three culverts each 48" x 25'.
Site 4: Blue Lake Road (N57.048389 W135.23350) Complete ditching, install culverts, regrade and compact new D-1 and repair of eroded road surface for a total of 750' x 20' with two culverts each 48" x 25'.


See Continuation Page

Does the scope of work change the pre-disaster conditions at the site?	N
Special Considerations issues included?	N
Is there insurance coverage on this facility?	N
Hazard Mitigation proposal included?	N

PROJECT COST						
ITEM	VER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
	0	Projects will be Lump Sum Contracts				\$ -
1	0	Site 1 - South Kramer Road	Ea	1	\$ 200,000.00	\$ 200,000.00
2	0	Site 2 - North Kramer Road	Ea	1	\$ 50,000.00	\$ 50,000.00
3	0	Site 3 - Green Lake Road	Ea	1	\$ 85,000.00	\$ 85,000.00
4	0	Site 4 - Blue Lake Road	Ea	1	\$ 50,000.00	\$ 50,000.00
5	0	Site 5 - Gavan Subdivision	Ea	1	\$ 2,500.00	\$ 2,500.00
6	0	Site 6 - Water Plant Access	Ea	1	\$ 30,000.00	\$ 30,000.00
		Work Completed				\$ -
7	0	Site 5 - Gavan Subdivision	Ea	1	\$ 5,000.00	\$ 5,000.00
8	0	Direct Admin	Ea	1	\$ 7,500.00	\$ 7,500.00
						\$ -
TOTAL COST						\$ 430,000.00

PREPARED BY: Randy D. Miller TITLE:

I agree to only perform work activities and seek reimbursement for the activities contained within the "Scope of Work" above.

Applicant's Signature/Date:  Printed Name: Mark Gorman

DHS&EM Signature/Date: _____ Printed Name: Randy Miller

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

DECLARATION NO. AK-15-254	PW NO. 501	TAX ID / EIN 92-0041163	DATE 10/1/2015	CATEGORY C
DAMAGED FACILITY Roads City Wide			WORK COMPLETE AS OF: 10/1/2015 : 0 %	
APPLICANT City/Borough of Sitka		BOROUGH Sitka	PROJECT TITLE Road Repairs City Wide	
LOCATION City Wide - 6 Sites			LATITUDE 0	LONGITUDE 0

DRAFT

CONTINUATION PAGE

DAMAGE DESCRIPTION AND DIMENSIONS

Site 1: South Kramer (N57.07783 W135.36938)
 Approximately 1,300' x 50' of road and 100 feet of 24" culvert
 Ditching in ROW damaged or filled in, and ditching on private property no longer drains to ROW. Damaged drainage culverts. Road surface erosion.

Site 2: North Kramer (N57.09169 W135.38175)
 Approximately 400' x 20' of road and 20 feet of 24" culvert
 Ditching in ROW damaged or filled in. Drainage culvert washed out. Road surface erosion.

Site 3: Green Lake (N57.05095 W135.23091)
 Total of 800' x 20' of Road Surface with Three culverts each measuring 48" x 25'
 Ditching in ROW damaged or filled in, Road surface erosion.

Site 4: Blue Lake Road (N57.05117 W135.23489)
 Total of 750' x 20' of Road Surface and 2 Culverts each measuring 48" x 25'.
 Ditching in ROW scoured, damaged or filled in. Embankment is sloughing causing loss of road surface.

Site 5: Gavan Subdivision (N35.06811 W135.35309)
 Approximately 710' x 20' of road damage, no culverts at the time of the disaster
 Ditching in ROW damaged or filled in. Road surface pitting and erosion.

Site 6: Water Plant Access Road (N57.05188 W135.23055)
 Total of 150' x 20' of Road Surface and 2 Culverts each measuring 48" x 25'.
 Storm water conveyance. Damaged drainage culverts. Road surface erosion.

Work to be Completed

Site 5: Gavan Subdivision (N35.06811 W135.35309)
 Complete ditching, regrading, compacting and repair of eroded road surface for a total of 710' x 50' with no culverts.

Site 6: Water Plant Access Road (N57.05639 W135.22714)
 Restore storm water conveyance, replace drainage culvert, regrade and compact new D-1 on road surface for a total of 150' x 20' and two culverts each 48" x 25'.

DRAFT

PREPARED BY:	Randy D. Miller	TITLE:	EMS II/ State Public Assistance Officer
APPLICANT:	Mark Gorman	TITLE:	Municipal Administrator

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

STATE DECLARATION NO. AK-15-254	PROJECT NO.	DATE 10/1/2015	CATEGORY G	PROJECT WORKSHEET NO. 507
------------------------------------	-------------	-------------------	---------------	------------------------------

DAMAGED FACILITY Sitka Trail Works	WORK COMPLETE AS OF: : 0 %	TAX ID NO. (and/or) EIN NO. 92-0041163
---------------------------------------	-------------------------------	---

APPLICANT City/Borough of Sitka	BOROUGH Sitka
------------------------------------	------------------

LOCATION Heart Lake Trail & Utility Access	LATITUDE N 37.05225	LONGITUDE W 135.2367778
---	------------------------	----------------------------

Was this site previously damaged	YES	NO	X	UNSURE
----------------------------------	-----	----	---	--------

DAMAGE DESCRIPTION AND DIMENSIONS

On the morning of August 18, 2015 a strong storm system with tropical moisture brought heavy rain accompanied by moderate wind gusts began to affect the Sitka area. Sitka Airport reported 2.57" of rain in a 6 hour time period. This was an all-time record rainfall for a 6 hour period, this added to an already 200% increase in rain fall as of August 2015. Potentially the rain fall at the ridgeline could have been as much as double the amount reported, though there are no recording instruments in that area.

As a result of the current conditions and adding the new storm effects; there were three landslides on the Sitka road system, road washouts, and a sink hole. This situation was made worse by the continued flow of ground water and streams into the slide debris for another 24 to 36 hours after the heavy rain halted made the slide debris unstable and dangerous to work on or near.

The Heart Lake Trail is 396' x 8' with 75' of the trail having 60% of the width washed away with approximately 20' of vertical height to rebuild to get up to the existing trail grade.

SCOPE OF WORK

Repair the Heart Lake Trail and reestablish utility access using Lump Sum Contract:
The trail will need a portion of the trail built up 20' to bring the elevation back to pre-disaster elevation and condition.

DRAFT

Does the scope of work change the pre-disaster conditions at the site?	N
Special Considerations issues included?	N
Is there insurance coverage on this facility?	N
Hazard Mitigation proposal included?	N

PROJECT COST

ITEM	VER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	0	Lump Sum Contract				\$ -
2	0	Mobilization	Ea	2	\$ 500.00	\$ 1,000.00
3	0	Hatachi EX 200 Daily Rate	Day	10	\$ 1,600.00	\$ 16,000.00
4	0	Gravel 1 Inch	CY	40	\$ 25.00	\$ 1,000.00
5	0	TE Dump Truck	Day	4	\$ 85.00	\$ 340.00
6	0	Mini Excavator	Day	16	\$ 135.00	\$ 2,160.00
7	0	Laborer/Operator \$30-\$40/Hour Plus Taxes		4	\$ 410.00	\$ 1,640.00
8	0	Morooka Gravel Carrier	Loads	16	\$ 50.00	\$ 800.00
9	0	Contingency	Ea	1	\$ 2,000.00	\$ 2,000.00
10	0					\$ -
11	0					\$ -
TOTAL COST						\$ 24,940.00

PREPARED BY:	TITLE:
--------------	--------

I agree to only perform work activities and seek reimbursement for the activities contained within the "Scope of Work" above.

Applicant's Signature/Date: 

Printed Name: Mark O'Brien

DHS&EM Signature/Date: _____

Printed Name: Randy Miller

DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

PROJECT WORKSHEET

STATE DECLARATION NO. AK-15-254	PROJECT NO.	DATE 10/1/2015	CATEGORY G	PROJECT WORKSHEET NO. 506
DAMAGED FACILITY Sitka Trail Works	WORK COMPLETE AS OF: : 0 %		TAX ID NO. (and/or) EIN NO. 92-0041163	
APPLICANT City/Borough of Sitka	BOROUGH Sitka			
LOCATION Sitka Cross Trail	LATITUDE		LONGITUDE	
Was this site previously damaged	YES	NO	UNSURE	

DRAFT

DAMAGE DESCRIPTION AND DIMENSIONS
 On the morning of August 18, 2015 a strong storm system with tropical moisture brought heavy rain accompanied by moderate wind gusts began to affect the Sitka area. Sitka Airport reported 2.57" of rain in a 6 hour time period. This was an all-time record rainfall for a 6 hour period, this added to an already 200% increase in rain fall as of August 2015. Potentially the rain fall at the ridgeline could have been as much as double the amount reported, though there are no recording instruments in that area.
 As a result of the current conditions and adding the new storm effects; there were three landslides on the Sitka road system, road washouts, and a sink hole. This situation was made worse by the continued flow of ground water and streams into the slide debris for another 24 to 36 hours after the heavy rain halted made the slide debris unstable and dangerous to work on or near.

SCOPE OF WORK
 Repair damaged trail sections of the Sitka Cross Trail and replace three signs via Lump Sum Contract


DRAFT

Does the scope of work change the pre-disaster conditions at the site?	N
Special Considerations issues included?	N
Is there insurance coverage on this facility?	N
Hazard Mitigation proposal included?	N

PROJECT COST						
ITEM	VER	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	0	Lump Sum Contract			\$ -	\$ -
	0	Cross Tral to Kramer Ave.	Ea	1	\$ 5,207.00	\$ 5,207.00
	0	Cross Trail To Gavan	Ea	1	\$ 10,793.01	\$ 10,793.01
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					\$ -	\$ -
					TOTAL COST	\$ 16,000.01

PREPARED BY:	TITLE:
--------------	--------

I agree to only perform work activities and seek reimbursement for the activities contained within the "Scope of Work" above.

Applicant's Signature/Date:  Printed Name: MARK GORMAN

DHS&EM Signature/Date: _____ Printed Name: Randy Miller