

**Statement of Work for
Alaska Sustainable Salmon Fund Project**

Revision #3: End date extension, update PI, change PCSRF Objective to O&E

Project Title: Ship Creek Fish Passage Project at the Ship Creek Crossing – Phase 2

Project Number: 45507; **PCSRF Objective:** CD-O&E

Project Period: 8/1/2005 - 6/30/09

Project Manager/Principal Investigator:

Kristi Bischofberger (for project information or reports after 6/30/10)

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Project Description:

In Phase I (AKSSF Project 45466), the Municipality of Anchorage (MOA) proposed enhancing fish passage in Ship Creek by removing an existing embankment, removing three failing culverts, replacing them with a bridge, and restoring the channel to its natural morphology. The bridge will provide unimpeded passage for fish, both upstream and down, as well as for aquatic and marine mammals and birds. It will also provide more natural hydrologic conditions and enhance the ecosystem function in Ship Creek. This work is in progress and will be completed in the fall of 2005.

Phase II, also to be constructed this fall, will continue the efforts to improve this area for fishers and tourists that wish to access the Ship Creek Crossing area to watch the salmon during their migration or see an urban sport fishery in action. This phase will complete the access area adjacent to the bridge. The bridge deck will receive waterproofing and pavement to prolong the life of the span. The access to the bridge must be completed with soils being hauled in to provide the access ramps to compete the road.

AKSSF Goal:

To improve safe access to Ship Creek by completion of the access road over the new Ship Creek Bridge to allow fisher people and interested parties such as tourists access to the Ship Creek sport fishery and to view the Coho and Chinook salmon which spawn in Ship Creek.

Objectives:

1. Project Objectives: The objective of this phase of the project is to provide a safe access road adjacent to the newly installed bridge and provide protection for the bridge surface.
2. Project Tasks Necessary to Achieve Objectives:

- a) Protect the bridge from deterioration.
 - b) Prepare the roadway access adjacent to the bridge
3. Project Impacts/Outcomes/Evaluation of Project Objectives: Ship Creek Fish Passage Project – Phase II is important because it will provide local people and visitors access to Ship Creek area for recreation and viewing of an urban fishery in action. Completion of the bridge and access road will allow all visitors to Ship Creek a safe and drivable access.

Methods: The project methodology has been determined by the engineering consultant within the design study and design phases. The consultant has developed the requirements and operation plan in response to working with required agencies and permitting requirements. This is Congressional Earmark Municipality of Anchorage PM&E Project No. 02-01.

Results/Deliverable Products: Phase II Construction begins in August 2005 with completion scheduled for September 2005.

Benefits to salmon/salmon fisheries/salmon fishers: The new bridge with surface protection and improved roadway will provide safe access to fishermen and tourists. This project will eliminate the existing hazardous situation including rutted and potholed road with minimal vehicular access. The new bridge surfacing and access area will serve pedestrians and vehicle users that participate in the important sport fishery in this area. The fishery is extremely popular with municipal residents and visitors alike.

Project Duration/Milestones/Project Timelines:

| | |
|-------------------------|--------------------|
| Phase II - Construction | 8/1/05 to 9/30/06 |
| Project Closeout | 10/1/06 to 6/30/09 |

Partners: MOA, ADF&G, National Oceanic and Atmospheric Administration, HDR Alaska, Inc. – MOA Design Consultant, and MOA Contractor – MKB Contractors.

Budget:

| | FY 06 | FY07 | FY08 | FY09 | TOTAL |
|---------------------------|----------------|----------------|-------------|-------------|----------------|
| 100 Personnel | 1,460 | 1,460 | \$0 | \$0 | 2,920 |
| 200 Travel | | | | | |
| 300 Contractual | 141,935 | 141,935 | \$0 | \$0 | 283,870 |
| 400 Supplies | | | | | |
| 500 Equipment | | | | | |
| Total Direct Costs | 143,395 | 143,395 | \$0 | \$0 | 286,790 |

Contract construction of the proposed bridge protection and access improvements will be performed by MKB Contractors. This work will include furnishing and installing Type II-a Backfill, Type II Classified Backfill, and Recycled Asphalt for the access ramps to the bridge. The bridge surface protection will include installation of a waterproofing membrane and AC Pavement on the bridge decking. MOA personnel, Russ Oswald, P.E., will manage the contract with MKB Contractors. Extended end date allows MOA to complete paperwork on deliverables.