

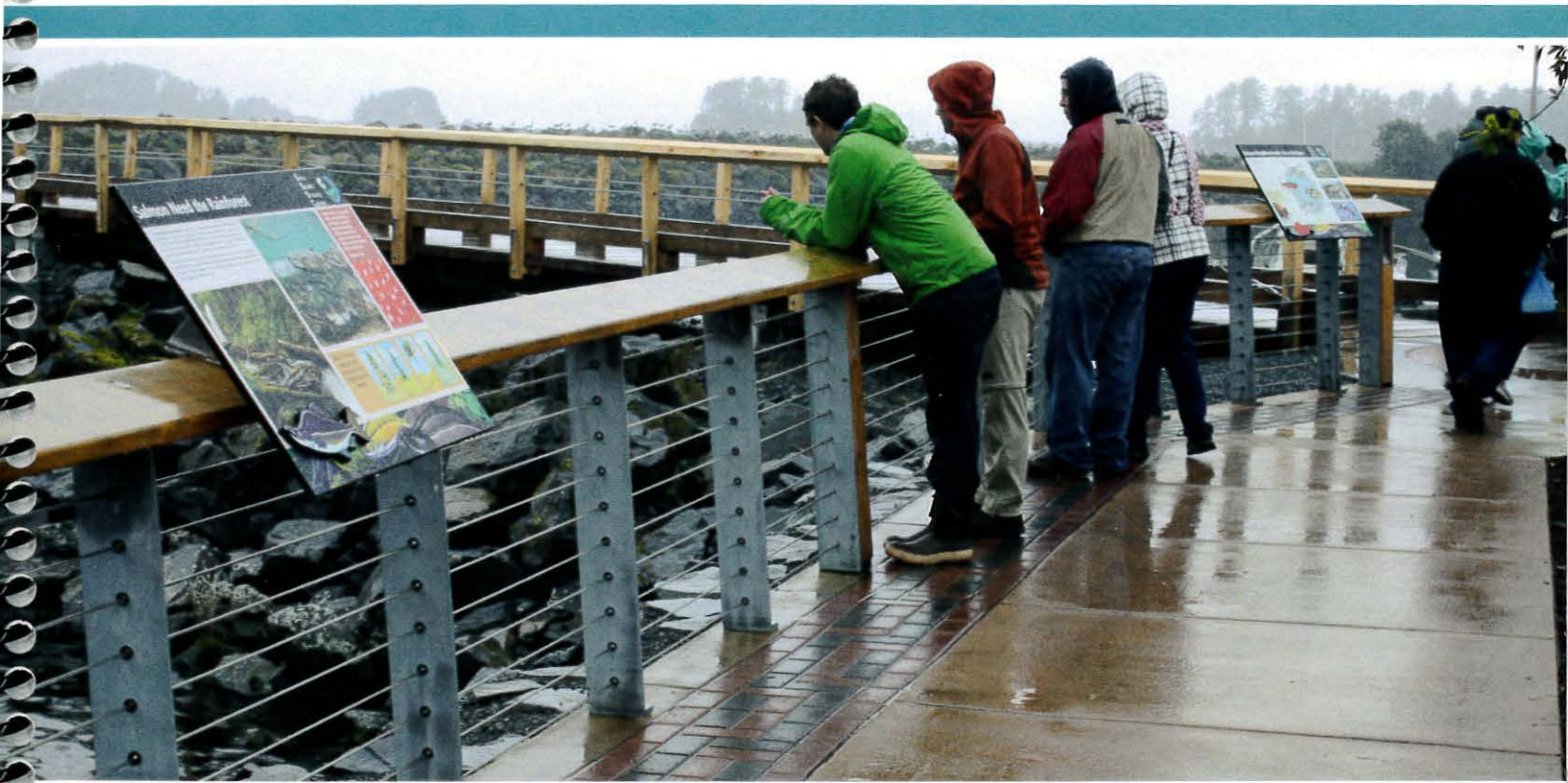
Submitted: October 3, 2016

Proposal for

# Professional Services for Portage Cove Interpretive Trail and Harbor Park Conceptual Designs



Haines Borough  
Borough Clerk's Office  
103 Third Ave. S  
Haines, AK 99827



**Corvus Design, Inc.**

Attn: Christopher Mertl

119 Seward St., Ste 15, Juneau, AK (907) 988-9000

cmertl@corvus-design.com

# Table of Contents

Letter of Transmittal.....	iii
1. Firm Qualifications & Experience.....	1
Corvus Design .....	1
PND Engineers .....	1
Key Personnel .....	1
2. Past Performance.....	3
Haines Project Experience.....	8
3. Draft Scope of Work.....	9
Project Kickoff.....	9
Background Research and Analysis.....	11
Public Outreach and Engagement.....	12
Planning and Design.....	14
Document Preparation.....	15
Endorsement.....	16
4. Capacity of the Firm .....	17
Corvus Design .....	17
PND Engineers.....	17
Workload.....	18
5. Firm's Experience with Public Meetings and User Groups .....	19
6. Quality of Proposal.....	20
7. Local Bidder Points.....	20
Qualification Statement Content.....	20
8. Appendix.....	21
Resumes.....	21



# Letter of Transmittal

Haines Borough  
Borough Clerk's Office  
103 Third Ave. S  
Haines, AK 99827

## Proposal for:

### Portage Cove Interpretive Trail and Harbor Park Conceptual Designs

Corvus Design is very pleased to provide this response to your request for proposals for the development of the Portage Cove Interpretive Trail and Harbor Park Conceptual Designs for the Haines Borough. Your RFP is requesting a process that is reflective of Haines: engaging, innovative and inclusive. We fully understand the Borough's desire to enhance and make its waterfront a community priority through the new harbor expansion project and this trail and park project. This project will provide new waterfront recreation opportunities, improve safety and quality of life, celebrate Haines' diverse cultures and heritage, and can also provide economic opportunities.

To ensure the best interests of the community are met, Corvus Design has assembled a Southeast Alaskan waterfront trails and park planning and design team with the needed expertise in interpretive planning and repeated success working with small towns within an inclusive public involvement process. Our team includes:

**Corvus Design (Juneau):** Landscape architecture and planning. Southeast Alaskan waterfront planning expertise, project management, interpretive planning, and public involvement.

**PND Engineers (Juneau):** Structural and marine engineers. Leaders in Pacific Northwest marine and waterfront engineering and construction estimates.

We firmly believe that no other team has the same established long term understanding of the planning and design of Southeast Alaskan waterfronts, with a focus on waterfront trails, opens space and interpretive planning. We are very familiar with past waterfront planning efforts in the community. Our pledge to Haines is to listen, find common ground/consensus, be accountable, and develop the best possible waterfront trail and park plan that will meet the needs of the community while being fiscally responsible. Key to this pledge is to "enhance and celebrate Haines as an authentic Alaskan coastal community." Our past successes on similar projects throughout Southeast Alaska will provide the highest benefit to you while being cost effective.

## Your Project

To ensure the success of your project we feel the following are the essential elements that need to be incorporated into the project.

**Research and Analysis:** Our team is extremely familiar with Haines, its priorities and its waterfront. We have provided some of the preliminary research and planning for this project, as well as the planning, design, engineering and permitting for the harbor expansion project. We have the needed background knowledge from our past similar projects in Skagway, Juneau, Sitka, Ketchikan and Wrangell. With this exceptional background knowledge we can hit the ground running, result in project efficiencies.





Our team developing the Wrangell Downtown Waterfront Master Plan in 2015 during a series of community open houses

**Public Outreach:** While we may have outstanding knowledge in the planning and design of waterfront trails and parks, we cannot understate the need to listen to the public and the client at the onset and throughout the project. Since we are very familiar with the project and community we can develop a public involvement process that creates partnerships and consensus while gaining the needed information in an organized and structured fashion. We have excellent experience developing consultation processes that reach a wide cross-section of citizens, and provides a variety of ways for people to contribute. We will create an inclusive process and keep the public focused on the task at hand. While reaching people is important, we also put an emphasis to make sure that they feel they have been heard accurately.

**Planning:** Our priority for this project is to develop a conceptual plan that does not live on a shelf collecting dust. The highest use for this document is to be a dynamic resource for garnering community support, as a funding tool, and directing its implementation. The project must be economically feasible, have a logical implementation strategy, and meet the needs of the community (and visitors). We have added PND Engineers to provide engineering oversight and validate costs throughout the planning process. We have learned that a vibrant waterfront defines Southeast communities and Haines has the opportunity to develop a signature waterfront that meets the community's many needs while respecting its culture, people, and heritage.

**Accountability:** We feel accountability is key in the development of successful community endorsed projects. This is accomplished through developing trust and being available to the community. We plan to spend multiple consecutive days in the community working with stakeholders, developing plans and hosting public meetings while we are in the community. We want the plan to be developed in Haines while actively engaging its residents, not in the void of our offices.

**Passion:** All team members are passionate about Southeast and Haines. This is not just another job for us, this is one we have been tracking and our passion will come out in our work with you. This is our favorite type of project work.

Peter Briggs is the president and sole owner of Corvus Design, Inc. and has the authority to bind Corvus Design within this contract should it be awarded to our team. We received one addendum.

We thank you for the opportunity to propose on this project and hope you enjoy reading about our team, its strategies and how best to develop an inclusive, community supported waterfront interpretive trail and conceptual design for Harbor Park. We have formatted this proposal to follow the seven evaluation criteria as listed on page 4 of the RFP. Within each of these we have included the required proposal contents.



Peter Briggs, PLA, ASLA  
President & Principal Landscape Architect  
Corvus Design, Inc.

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# 1. Firm Qualifications & Experience



## Corvus Design

**Role:** Project Management, Conceptual Trail and Park Design, Interpretive Design, Public Involvement

Corvus Design is a full-service landscape architecture and planning firm with three offices and seven staff. Since its inception in 2006, Corvus has grown to be the largest independent landscape architecture firm in Alaska, including an office in Juneau, and providing services for over 300 projects throughout the state. We currently have four licensed landscape architects working with us, and three staff providing additional support. Our staff has extensive experience with planning and landscape architecture, with a special emphasis on community-based process and public outreach.

Corvus Design services that are related to this project include:

- Project Management
- Public Consultation/Outreach/  
Public Meetings
- Community Consensus Building
- Waterfront and Open Space  
(Park) Planning and Design
- Design of Waterfront Pedestrian  
Seawalks and Promenades
- Graphics & Communication
- Interpretive Planning and Design

Our Juneau office is led by Christopher Mertl who has over twenty years of Southeast Alaska coastal community planning and design experience, including many similar projects in Wrangell, Skagway, Sitka, Juneau and Ketchikan. Our Juneau office specializes in waterfront and community planning and design projects that are interwoven into an inclusive public participation process.



## PND Engineers

**Role:** Marine and Civil Engineering, Harbor Coordination, Cost Estimating  
PND Engineers, Inc. is a consulting engineering firm that was founded in 1979. The firm has offices located in Anchorage and Juneau, Alaska, Seattle, Washington and Boulder, Colorado. During the years of operation, PND has taken on a variety of engineering projects. Clients range from Fortune 500 corporations to government organizations, encompassing the diverse range of groups in between.

PND offers outstanding skills and knowledge in the Pacific Northwest with regard to waterfront and marine design and engineering. PND has developed docks, piers, and trestles that have far greater capacity than conventional designs and also meet today's strict seismic codes. We have designed over 200 docks, piers, and marine based facilities in the last 10 years including in Haines. Many of these designs have been based on our practical experience in dealing with the commonly severe conditions of marine environments. Our staff has performed in-house permitting and coordinated with subconsultants to provide the necessary environmental components for a successful permit application and approval.

PND has a long standing working relationship working with Corvus Design's Juneau office in numerous communities throughout Southeast Alaska including projects with a similar scope. Our recent success can be found at the Statter Harbor Seawalk (Auke Bay), Wrangell Waterfront Master Plan and others.

## Key Personnel

**Christopher Mertl ASLA, Corvus Design**

**Role:** Project Manager, Lead Public Participation and Park and Trail Design.

For our team, Christopher Mertl, Principal Landscape Architect with Corvus Design in Juneau will be the project manager. Chris has an excellent track record as a project leader with small community waterfront design project experience. He will provide day-to-day oversight and be the main point of contact for the team. He will lead the public participation and design effort. Other key personnel include:

**Laura Minski, ASLA, Corvus Design**

**Role:** Landscape Architecture and Lead Interpretation

**Erik Jones, Corvus Design**

**Role:** Design Support and Graphics Lead

**Dick Somerville, PE, PND Engineers**

**Role:** Marine/Civil Based Engineering and Construction Costs

Each of the key personnel is supported by their office staff and can be assigned as need to maintain the schedule and bring specialized experience to the team as may be required.

In this section we provide brief summaries for the key people who will be accountable and actively involved throughout the project. This summarizes their qualifications and experiences. More complete resumes are included at the end of this proposal.





**Christopher Mertl**  
**Landscape Architect**  
**(Alaska Registration #10440)**



**Laura Minski**  
**Landscape Architect**  
**(Alaska Registration #12550)**



**Erik Jones**  
**Landscape Designer**



**Christopher Mertl, PLA, ASLA**  
**Corvus Design**

Project Manager, Lead Design and Public Participation

Chris is the principal of our Juneau office and has been practicing in Southeast Alaska as a landscape architect for over twenty years. He specializes in waterfront planning and design with projects in Ketchikan, Sitka, Wrangell, Skagway, Juneau, Yakutat, and Kodiak, to name a few. He understands the significance our waterfronts play in shaping our coastal communities and how to best plan these special places for a variety of uses. Chris has served as project manager and on the design and planning team for nearly 100 projects including those with community workshops and presentations. He served as project manager for the Wrangell Waterfront Master Plan, Juneau Harbors Uplands Master Plan, ADOT&PF Klondike Highway Interpretive Panels, Pullen Creek Interpretive StreamWalk, Cope Park, and the Pullen Creek Interpretive Signs. He has also worked on the Sitka Seawalk, Sitka Sound Science Center Interpretive Signs, Juneau Seawalk and Marine Park Plan, and the Statter Harbor Improvements and Seawalk. He is known for his clear communication, outstanding graphics, creative solutions and ability to work with small and engaged communities. Chris will be project manager and will be responsible for day-to-day efforts and management of the work to deliver a successful project.

**Laura Minski, PLA, ASLA**  
**Corvus Design**

Interpretive Design Lead and Landscape Architecture and Planning

Laura will provide landscape architectural and planning services as relate to site aspects and spatial experience for interpretive planning and sign planning. Laura will also lead the development of our deliverables. In addition to her experience as a landscape architect, Laura has significant Alaskan experience for interpretive services. Within our firm, she partners with Chris for the planning, content development, interpretive design and procurement where we assist clients with those needs. Through an internal iterative process, she collaborates with other staff and our teams to engage them at their highest level of expertise. Laura has been with Corvus Design for eight years, and worked previously at another Alaskan landscape architectural firm for four years.

**Erik Jones**  
**Corvus Design**

Interpretive Design, Park and Trail Design Support and Graphics

Erik is in his second year with us and has two previous years of landscape architectural design experience working in New York City.

Erik provides us with a high level of technical expertise and the development of brilliant graphics, design and concise construction documents. Erik is proficient with the Adobe Creative Suite, AutoCAD and Civil 3D. Erik is responsible for the production of our three dimensional models that we use for some of our project visualizations. These are developed in a range of detail from illustrative to photo-realistic

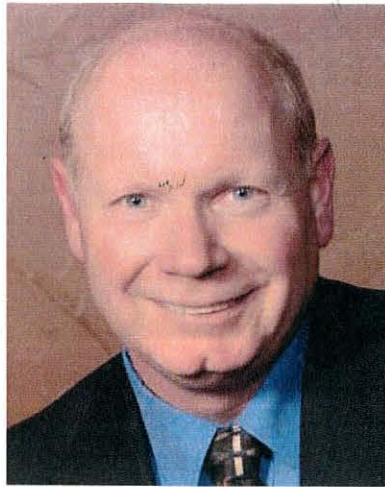
Charles R. (Dick) Somerville,  
P.E.

**PND Engineers**

Marine Base Planning Lead

Mr. Somerville is a principal of the firm and the manager of PND's Juneau office. He has over thirty years of engineering experience in Alaska specializing in civil marine projects. His background includes planning, design, permitting and construction management for a variety of public and private clients.

Dick's engineering experience has included both planning and the engineering construction phases. Waterfront projects have included pile supported docks, floating pontoons and barges, moorage floats, boat launch facilities, breasting dolphins, retaining walls, sheet pile structures, harbor infrastructure, roadways, service yards and parking. As an engineering professional he has conducted numerous public presentations, developed needs assessments, scoping studies, condition assessments, produced civil and marine facility designs, and cost estimates on several hundred public and private projects. His experience includes the Haines Harbor Improvements, the Wrangell Waterfront Master Plan, the Statter Harbor Improvements, and the Juneau Harbors Uplands Master Plan.



**Dick Somerville -Civil Engineer  
(Alaska Registration #8845)**

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## 2. Past Performance

Our past interpretive trail and public involvement experience is well suited for this project. Within this section, we will elaborate on a number of projects that we feel illustrates our successful past performance. We encourage you to contact the references for each project to understand our ability to meet deadlines, budgets, quality of work and customer satisfaction.





**Pullen Creek StreamWalk Master Plan and Phase 1 Design, Skagway, Alaska**

*Team Members: Corvus Design. 2014-2016.*

*Reference: Rachel Ford, Former Executive Director, Taiya Inlet Watershed Council, 907-983-2426*

**Relevance: Stakeholder engagement, pedestrian interpretive trail and parkland planning and design, and construction estimates**

Corvus Design worked with the Taiya Inlet Watershed Council and US Fish and Wildlife Service to develop an interpretive pedestrian route along the lower 1/2 mile segment of Pullen Creek while enhancing the riparian ecosystem. This highly popular urban and anadromous stream has received heavy use and has been impacted. The project identifies areas for restoration to stabilize stream banks, and create improved habitat, feeding and rearing opportunities within the creek. Through a series of public meetings the project also master planned an accessible pedestrian route along the stream to provide viewing and angling facilities, interpretive and educational opportunities, and allow interaction with the creek. Phase 1 construction was completed this year and included an ADA accessible trail linked by a series of viewing platforms, bridges and a dipping platform and riparian enhancements along the lower segment of the creek. Phase



II is expected to start soon. The interpretive signs were developed as a separate contract.



**Wrangell Downtown Waterfront Master Plan, Wrangell, Alaska**

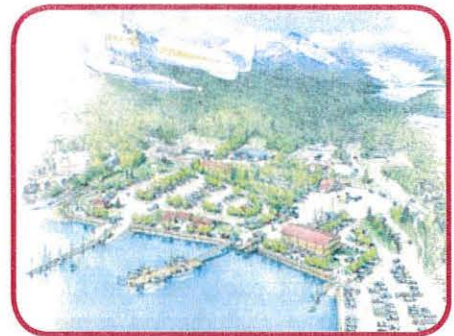
*Team Members: Corvus Design and PND Engineers. 2015.*

*Reference: Carol Rushmore, Economic Development Director, 907-305-0274*

**Relevance: Stakeholder engagement, uplands and waterfront master planning, waterfront trail and parkland, construction estimates, and phased implementation planning**

Wrangell has long been known as a working waterfront community with its marine service facility, outstanding docks and harbors, and large fishing fleet. The community understands the importance of its waterfront and its ability to generate economic opportunities. We provided public involvement and master planning services that focuses on expansion of the marine services center, consolidates parking and resolves pedestrian and vehicular conflicts, creates a waterfront Heritage walk and open space, commercial development, and adds a new working pier that allows the berthing of yachts and fishing boats.

The project was completed in six months (four months early) to capitalize on local enthusiasm and as a result came in under budget. The project was adopted without comment by the Port Commission and Assembly. This document becomes the primary funding and implementation tool for Wrangell's downtown waterfront.



**Statter Harbor Master Plan and Phase 1 and 2 Design, Juneau, Alaska**

*Team Members: Corvus Design and PND Engineers. 2005-present*

*Reference: Gary Gillette, Port Engineer, 907-586-0398*

**Relevance: Public outreach/ meetings, multi-stakeholder process, master planning a mixed use waterfront development, challenging site constraints, phased development, permitting, cost estimates.**

Statter Harbor supports a busy recreational and commercial vessel fleet in Auke Bay. The Statter Harbor Master Plan envisions reconfiguration and expansion of the existing harbor and upland facilities within Auke Bay to alleviate congestion and improve safety and efficiency. Many facilities were desired for this small (6 acre) waterfront development including commercial and marine services facilities in the original plan. The complete project includes a new boat launch ramp, passenger for hire float, boat haul out facility, parkland and a waterfront seawalk, parking, and moorage improvements. Community meetings were held over a four year period to solicit public comments as part of the NEPA permitting process. Numerous concept plans and cost estimates were developed with the final project broken into four phases. Phase I was constructed in 2013 and Phase 2 was completed this year that includes the parkland, waterfront walk, landscaping, riparian restoration, and parking expansion portion of the project.





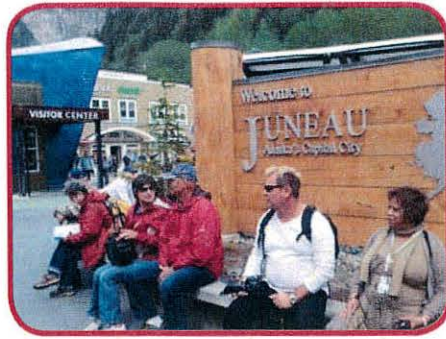
### Downtown Docks and Uplands Operation Analysis Master Plan and Design, Juneau, Alaska

Team Members: Corvus Design and PND Engineers. 2007-2014

Reference: Gary Gillette, Port Engineer, 907-586-0398

**Relevance: Public outreach/ meetings, multi-stakeholder process and developing priorities, master planning mixed use waterfront development, constrained site, phased development, permitting, cost estimates.**

Planning and design to enhance downtown uplands operations for cruise ship operations while creating a welcoming waterfront gateway to the community. Long term improvements that were considered included the replacement of the current berths due to age and condition, the need for improved maritime security, better public access to the waterfront, improved safety, reduced congestion, and the desire to berth two post-Panamax (1,100'+) cruise ship vessels simultaneously. The project team created designs within an extensive public involvement process. The planning and subsequent design resulting in the development of two new docks, a new expanded Seawalk, waterfront park, reconfiguration of parking and development of a new visitor center. The project was completed in 2016.



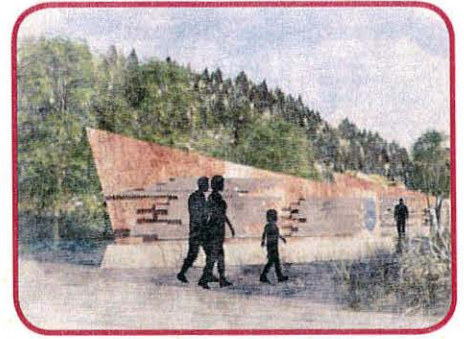
### Marine Park and Seawalk Master Plan, Juneau, Alaska

Team Members: Corvus Design. 2014

Reference: Skye Stekoll, Project Manager, 907-586-0877

**Relevance: Public outreach/ meetings, challenging site constraints, master planning a mixed use waterfront development, permitting, and cost estimates.**

Master planning a key portion of Juneau's waterfront located at Marine Park and extending the Seawalk from the park to the NOAA facility on Egan Drive. Master planning efforts are focused on improving the current services at the park while creating an icon on Juneau's waterfront. Master planning includes updating the waterfront open space to better accommodate public festivals and events, resolving pedestrian conflicts, improved cruise ship lightering staging, and integrating a working dock facility into a park setting. The Seawalk extension includes several challenges including Homeland/US Coast Guard security, routing through private property, use by cyclists and pedestrians, and enhancing existing uses along the route. Master planning includes landscaping, pedestrian amenities, wayfinding and park improvements providing year round use of the area by both visitors and residents.



### Heritage Harbor Improvements and Mariner's Memorial, Wrangell, Alaska

Team Members: PND Engineers and Corvus Design. 2013-2016.

Reference: Greg Meissner, Wrangell Harbormaster, 907-305-0719

**Relevance: Stakeholder engagement, waterfront trail and park planning and design, interpretation, construction estimates.**

Master planning, permitting, design and administer the construction of the inner harbor facilities at Heritage Harbor. The design team was selected to provide complete design and construction phase engineering services for all inner harbor facilities totaling approximately \$12 million. Improvements were made over three construction phases. Phase I and II work included parking and staging improvements, ADA compliant gangways, 70,000 square feet of timber moorage floats, water, power and lighting. Phase III work included improvements to the uplands and parking and was the catalyst for the development of a Mariner's Memorial and park with a waterfront walk that included significant stakeholder involvement and working with the Port Commission.





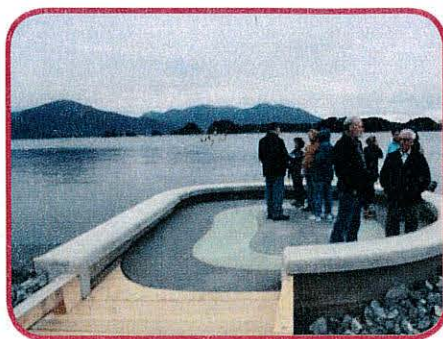
### Cope Park Improvements, Juneau, Alaska

Team Members: Corvus Design. 2014-2016.

Reference: Lori Sowa, CBJ Project Manager, 907-586-0875

**Relevance: Project Management, park planning and design, public involvement, cost estimates.**

Cope Park is Juneau's first public park and had fallen into disrepair and became a location for inappropriate activities. Corvus Design was retained to develop a park master plan that would rejuvenate the park and make it a community destination again. Through a series of public meetings the park plan addressed issues including safety, maintenance and meeting neighborhood needs. Construction documents were developed that created a riverside picnic area, new playground and sports play areas, links to trail systems, new lighting, site furnishings, and landscaping. Construction was completed this year to the enjoyment of downtown Juneau residents.



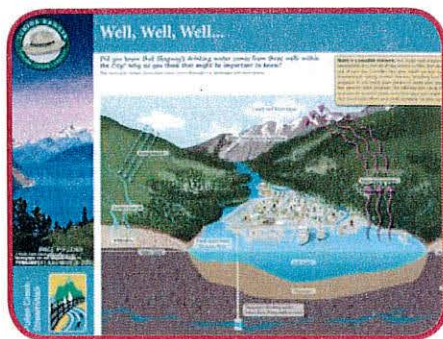
### Sitka Seawalk, Sitka, Alaska

Team Members: Corvus Design. 2013-2015

Reference: Dan Tadic, Senior Engineer, 907-747-1807

**Relevance: Public outreach/ meetings, challenging site constraints, waterfront master planning, waterfront park, permitting, cost estimates.**

Master planning, public involvement, permitting, and construction documents for the development of a pedestrian Seawalk along Sitka's waterfront. The 1/2 mile promenade links downtown with Totem National Park through a series of elevated boardwalks, sidewalks, bridges, and observation nodes unified by aesthetic paving, guardrail designs, and landscaping. The Seawalk design is influenced by the local Tlingit and Russian cultures and includes design elements in the paving and railings. The project also included public involvement to allow community input and working with Native artists in the design of cultural elements that are included in the paving of the Seawalk.



### Pullen Creek StreamWalk Interpretive Signage, Skagway, Alaska

Team Members: Corvus Design. 2015-2016.

Reference: Rachel Ford, Former Executive Director, Taiya Inlet Watershed Council, 907-983-2426

**Relevance: Interpretive planning & design, sign planning, and project management**

Through a series of public and agency meetings we developed a master plan for an interpretive pedestrian route along the lower segment of Pullen Creek in Downtown Skagway. The trail linked interpretive opportunities within the trail corridor and supported the interpretive plan for the project. We were selected to further develop our previous interpretive planning, develop a detailed sign plan, produce designs for twenty-nine signs, and procure them for the client. We provided all staff for these services with the exception of partnering with an artist for sign illustrations, and photographers for imagery. The signs were manufactured and installed this year, and include a variety of sign formats including signs dedicated to children, the National Park Service Junior Ranger program and to assist the local schools education curriculum. Several signs are interactive and have movable components.





**Sitka Sound Science Center/  
Seawalk Interpretive Panels,  
Sitka, Alaska**

*Team Members: Corvus Design. 2014-2015*

*Reference: Lisa Busch, Executive Director, Sitka Sound Science Center, 907-747-8878*

**Relevance: Interpretive panels for waterfront walk and project management**

The Sitka Sound Science Center has a mission to increase understanding and awareness of the terrestrial and aquatic ecosystems of the Gulf of Alaska through education and research. We provided interpretive design services for the Science Center and associated salmon hatchery by creating a series of graphically rich interpretive panels based on the theme of salmon and their relationship to the Tongass National Forest. For consistency with the adjacent National Park Service Historic Park, the signs are based on a format similar to NPS signs, and include graphics by Ray Troll. The panels educate visitors about the hatchery operation, the life cycle of salmon, riparian habitats, and the interplay between salmon and the forest. The panels also include content for children. Work included planning, design, layout, narrative development, illustrations, mounting options, and procurement for ten panels.



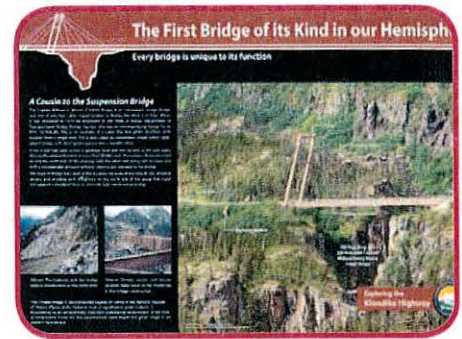
**Northwood Park Interpretive,  
Anchorage, Alaska**

*Team Members: Corvus Design 2013*

*Reference: Beth Nordlund, Executive Director, Anchorage Park Foundation, 907-274-1003*

**Relevance: Interpretive planning & design, and project management**

Northwood Park is a 15-acre park in the Spenard neighborhood of Anchorage. With a focus on connections to wetlands, the signage educates on the wide array of services that wetlands offer, and the role they play as habitat. The signs provide a richness of information that coincides with elementary school curriculum, informs a wide range of users, and ties into the potential development of a 'wetland workbook' for the site. A total of twenty-eight signs were designed and procured, and due to the community benefit nature of the project, we volunteered installation where a high level of carpentry and integration into existing handrails was of help.



**Klondike Highway, Captain William Henry Moore Bridge Interpretive Panels, Skagway, Alaska**

*Team Members: Corvus Design. 2016*

*Reference: John Barnett, Design Group Environmental Lead, ADOT&PF, Southcoast Region, 907-465-4504*

**Relevance: Interpretive planning & design, and project management**

Corvus Design is currently assisting the ADOT&PF with mitigation measures related to cultural and visual adverse effects associated with the replacement of the William Henry Moore Bridge (eligible for listing in the National Register of Historic Places) on the Klondike Highway. Work is being coordinated between SHPO and ADOT&PF to develop five interpretive panels that explain the historic significance of the Klondike Highway and the bridge. The panels use historic images, maps and rich graphics to tell visitors of the challenges and engineering triumphs of building the Klondike Highway. Corvus Design was responsible for the narrative content, graphics and layout of the signs.



## Haines Project Experience

### Corvus Design

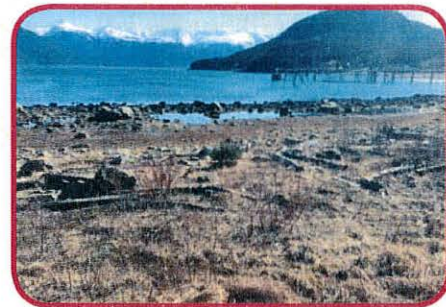
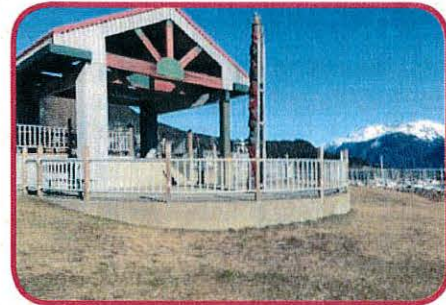
- Haines Assisted Living Campus Master Plan
- Soboleff /McRae Veterans Senior Housing
- Soboleff /McRae Native Veteran's Memorial
- Haines Highway National Byway Corridor Partnership Plan (Mertl, previous employment)

### PND Engineers

- Portage Cove Harbor Expansion
- Portage Cove Harbor Moorage Reconstruction
- Port Chilkoot Dock Renovation
- Letnikof Cove Boarding Float
- Letnikof Cove Harbor Refurbishment
- Lutak Dock Condition Assessment and Structural Analysis
- Lutak Dock Barge Ramp
- Haines Marine Facility Condition Assessment
- Haines Street Improvements
- Haines School Drainage Improvements
- ADOT Haines Maintenance Station Lift Replacement
- Haines Brewery Downtown Building
- Chilkat Center for the Arts
- Chilkat Indian Association Trail Bridge
- Haines Public Service Building

### Other Cultural and Heritage Park Project Experience:

- Gunakadeit Park, Juneau, AK
- A Gaawooya Yei Shtoosneixhji, A Time For Healing: Cultural Park Conceptual Design, Douglas, AK
- Capital School Park Conceptual Design, Juneau, AK
- Telephone Hill Park, Juneau, AK
- State Library Archives and Museum, Juneau, AK
- Soboleff/McRae Native Veterans Memorial, Haines, AK
- The Gathering Place, Alaskan Native Cultural Park, Palmer, AK



# 3. Draft Scope of Work

Within this section we provide a proposed process that will evaluate community and Borough needs and develop a tailored project to meet these needs. Refinement of this draft scope into a methodology to guide the project will require client interaction. We have also found that methodologies for public consultation may need to include some flexibility to adapt to the information gained in the early stages of a project.

We have used the RFP as a basis for developing our draft scope of work and approach, but have deviated slightly based on our knowledge of the community and our past successes with other small communities of similar character including Wrangell and Skagway.

## Project Kickoff

This phase will confirm project direction; confirm the scope, schedule, deliverables, and refine budget, initiate project work and our public/stakeholder outreach strategy.

## Schedule

This phase will coincide with scope finalization and contracting. This is expected to occur during October. Timing for the in-person meeting with our Corvus Design Project Manager should be completed prior to the end of October.

## Define Project Objectives

The goal of the Project is clear and logical: Create a conceptual design for a waterfront interpretive trail and harbor park that meets the needs of the Borough and the community.

To support this goal, there are several project objectives that should be addressed within the design effort. These could include but are not limited to the following:

- Create a safe and enjoyable waterfront destination for locals and visitors alike
- Provide connections to the surrounding downtown corridor and destinations
- Enhance Haines as an authentic Southeast Alaskan coastal community
- Develop a community endorsed conceptual plan that facilitates funding of the project
- Celebrate the community's heritage, culture and its people through linking the trail and park with interpretive opportunities
- Create a plan that best meets the needs of the community through consensus building and without creating use conflicts
- Link phased development with funding opportunities and other proposed waterfront related projects
- Develop clear and easy to read graphics and plans that are contained within a concise dynamic document backed by a realistic construction costs.

Establishing these objectives with the Borough at the onset will be an important part of the process to establish community and Borough expectations for the project. With these objective established the methodology/scope can be further refined to ensure they are met.



Bringing the community together and creating an engaging process is essential

## Develop Strategy Process

In response to the Borough's approved goal, objectives, expectations, and related discussions, we will develop a detailed project strategy to ensure success. This will assist the team and Borough to have a complete understanding of the Project and expectations. Developing a strategy at the onset will establish a framework that is streamlined, allows the appropriate level of public participation, and is flexible to respond quickly to potential changes in public priorities or desires.

## Develop Community Involvement Plan (CIP)

Public involvement will strongly influence the success of the project. When community residents, department staff, and elected or appointed officials have a stake in creating the plan and see their concerns reflected, they become empowered to ensure it is supported and the vision achieved. Those who have thought most about how to best utilize this waterfront area for the benefit of the community are the people who work on or near Haines' waterfront. Haines residents support continued development/revitalization of its waterfront, yet some are skeptical due to local economics and that waterfront development means different things to different people. We will develop a CIP that develops an inclusive public process that fosters consensus and support, and meets the needs and desires of the Haines Borough.





One of the over twenty-five panels developed for the Pullen Creek StreamWalk.

## Develop Steering Committee

As stated previously, waterfront development means different things to different people and each will have their own vision for the project. We know this from our past work on the harbor expansion and fully expect a wide range of opinions and priorities and we respect that the community may have conflicting desires for the Project. The establishment of a Borough appointed steering committee could assist in providing clear direction and help establish priorities voiced by the public. The Borough Project Managers and Borough Assembly will provide the ultimate direction and have the final say. If desired by the Borough, the establishment of a steering committee could help validate and establish the community priorities to assist the Borough Project Managers and Assembly in the decision making process. The steering committee was a vital part of our public participation process with our previous work on many of our past waterfront projects.

## Develop Digital & Community Content

For all the reasons described above, our comprehensive Community Involvement Plan could include the development of digital and community content as part of this planning effort. If desired, we will develop project content for:

- Project Website
- Community Boards
- Media (PSA's and other notifications)

**Project website:** If desired, the project team will create a project website that will serve as a portal for communicating project information to the public, as well as gaining valuable feedback during the planning process. Initially we will post basic information about the development planning elements, the scope of work, the project schedule, and opportunities for public participation. The website will also provide an opportunity, via a comment form, for viewers to submit comments, opinions, or ideas about the project. To enhance access to and awareness of the project website, we will seek to establish linkages from other web sites to the project website to enhance awareness, including links from the Borough web page and others. We know that many Haines residents leave during the winter and we want to ensure we provide opportunities to maximize public involvement. We have successfully developed project websites for our previous projects and some include:

- [www.mgra-mgvc.us](http://www.mgra-mgvc.us)
- [www.uaf-tag.blogspot.com](http://www.uaf-tag.blogspot.com)
- [www.northrjsp.blogspot.com](http://www.northrjsp.blogspot.com)
- [www.pullencreek-streamwalk.blogspot.com](http://www.pullencreek-streamwalk.blogspot.com)
- [www.lynarymp.blogspot.com](http://www.lynarymp.blogspot.com)
- [www.herman-leirer.blogspot.com](http://www.herman-leirer.blogspot.com)

**Community Boards:** In addition to the media and websites, Haines residents look to bulletin boards in several locations to obtain information, including Mountain Market, post office, library and other locations. Posters will be developed and printed for boards throughout the community to assist in informing residents about the design process.



Working with community members to verify the inventory and develop priorities.



## Background Research and Analysis

### Schedule

This phase will be concurrent with other phases, and will be initiated with our Project Kick-Off visit to Haines. The majority of this work will need to be completed prior to main public outreach efforts, so this will also occur in October.

### Initial Research and Data Collection

Compile existing information. Our team members already have past experience with the Project area, surrounding use areas and the community as a whole. While we will need to validate and update previous project priorities and needs we are already well versed on the significant amount of existing data and inventory work available.

The assessment of existing planning documents will include relevant language related to the Project area to identify shared priorities, opportunities, and any conflicts that may exist. This provides consistency between Borough documents, and illustrates the continuity between surrounding and community planning efforts. Several projects are also in the works in the immediate area. Again we are extremely familiar with these projects and funding issues/opportunities and need to be sure they are coordinated with this project.

### Collection of Site Data

In addition to looking at planning documents, the design team will consolidate existing site plans, plats, topography, geotechnical data, easements, zoning, allowable fill limits, LiDAR, aerial imagery, and GIS data for the site and surrounding use areas. Much of this data is already in possession of the Borough and PND Engineers, however the data needs to be consolidated into a comprehensive site plan in a variety

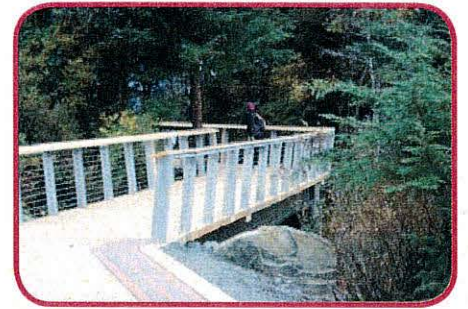
of formats (GIS and AutoCAD). This information will form the basis for planning (AutoCAD), creating graphic maps (GIS) for public meetings and the final report.

### Preliminary Site Walk

The design team will walk the project area with Borough staff to observe existing conditions paying special attention to existing grades and ADA critical issues, soils and geotechnical, erosion and tidal impacts, connections to adjacent streets and destinations, beach access, property boundaries and other site related opportunities and constraints. These will be recorded as an inventory plan and supported by site imagery. Identifying opportunities to connect the project site to the community's culture, heritage and history will be explored.

### Community Interpretive Assessment

To create a successful interpretive trail it is imperative to inventory the existing interpretation and 'stories' being told elsewhere in the community. Understanding what is already being told and understanding the larger picture of the community's history, culture and heritage will help identify 'interpretation story gaps' and opportunities for new stories to be told. Assessment of the project site and identifying its interpretation opportunities will allow the trail to help tell the 'complete' story of Haines while avoiding duplication of themes and messages already being told elsewhere.



Identifying permitting issues at the onset allows the planning effort to be responsive. (Sitka Seawalk and elevated boardwalk over wetlands)



As part of the Pullen Creek StreamWalk, schools wanted to include educational elements such as a dipping platform at the pond.





We use a variety of tools as part of our public engagement process to maximize participation.

## Public Outreach and Engagement

### Schedule

An optimal time for initiating public outreach will be late autumn while avoiding key holidays such as Thanksgiving, Christmas and New Year's. Meetings will be scheduled for November and January.

### Meeting Planning

We will coordinate with the Borough Project Managers prior to leading and coordinating these stakeholder and public meetings. It is anticipated that these meetings will provide us with the necessary information for filling identified data gaps and determining community needs, priorities and preferences.

In order to maximize participation, meetings will be advertised in local media, through a series of Public Service Announcements on KHNS and in the Chilkat Valley News, and through use of posters placed around town. If requested, information can also be posted on the project website, social media and other electronic venues.

### Local Open Studio Concept

An essential component to community planning that we feel has been lost is honest one-on-one interaction between the planning team and local stakeholders and residents. Consultants typically fly into the community spend the afternoon, host an evening public meeting and are gone the next morning back to their office to work on your project. We believe that work on your project should occur in the community where residents can observe, comment and participate in the crafting of your project. Key to our engagement plan and to ensure accountability we propose that the planning team spends several days at a time in the community and actively develops the project while in Haines. The open door studio approach allows us to validate our work, meet

with stakeholders while developing the project and provides ownership and support by the community as they see their project progress before them. There is no or little additional expense associated with this planning concept as the work that would typically be done back at the office is instead happening in Haines. These extended community studio times would be held in conjunction with formal public meetings. This process was an important element developed during our previous work on several of our Wrangell waterfront projects and feel would be well received in Haines as well.

### Public Meeting Materials

Prior to hosting public meetings we will share all presentation materials with the Borough Project Managers for approval. We understand that easy to read graphics, plans and maps are essential in master planning and to help the public understand and participate in the process. As landscape architects and engineers we have created large format color graphics and plans for hundreds of public meetings. We have full in-house capabilities for GIS mapping and data management, Photoshop graphics, and outstanding hand graphic skills that allow us to express ideas and take comments during public meetings with the public watching. We believe physical paper maps and plans engage the public to participate and allows them to 'scribble their ideas' onto the plans and maps while projected images are less dynamic and receive less public input.

We also realize that some members of the public are less comfortable commenting in a public setting or require time to develop their thoughts and ideas. We will develop structured comment sheets, surveys, website content (if requested), and other means to allow participation by a wide range of Haines' citizens and users outside of public meetings.



We enjoy working in an open studio format to share our ideas with the community as we develop them.





Another key public meeting material we will develop is a site analysis and inventory that will summarize our findings from our initial research and data collection. Used during the first public meeting it will help the public to understand site opportunities, constraints and regulatory issues related to the project site. The inventory will also provide context to surrounding uses, identify connectivity and integrating the project into the larger community fabric.

### Public Meetings

We anticipate conducting a series of five public meetings over the course of this project. Each of the meetings will be structured so that we can ask appropriate questions in order to elicit a focused public response with clear direction for decision-making purposes. By developing meeting agendas with clear goals and objectives for each keeps the public focused and allows us to extract the needed information to move forward. We firmly believe that community planning is to be guided and developed by the community. We will not be 'talking heads', rather we will ask thoughtful questions and **listen** respectfully to what the community has to say. We will also focus on the consensus building process.

*The first meeting will be to introduce the project to the public as well as verifying the project goals and objectives. The meeting will present the finding of the site analysis and inventory and get verification by the public. This meeting will serve as an opportunity for citizens to offer their general thoughts on the project and develop a vision for the project. The design team would remain in Haines for two days and develop master plan options for the trail, park and interpretation. As stated these would be created in Haines in an open house/studio atmosphere. The master plan options would be presented at the second public meeting two days later.*

*Public comment will provide feedback on the options. This public meeting will be organized in a workshop format. The workshop format is predicated on a participatory iterative process, where attendees will be required to participate and contribute. The input will be recorded to inform development of the Plan. At the end of the meeting direction will be provided to develop a preferred master plan. The team will return to their offices to develop the preferred master plan. These meetings would be held in November.*

*The third meeting will focus on presenting and refining the preferred trail, park and interpretive master plan. This public meeting will be organized in a workshop format to get final input on the preferred plan and develop community consensus. Again, the planning and design team will remain in Haines to transform the master plan towards a conceptual design in an open house/studio environment in the community. Work will be presented at the fourth public meeting two days later. The fourth meeting will receive public refinement input on the trail, park and interpretive design. Rough cost estimates will be provided and input will be received on developing an implementation plan for phased development. The team will return to their office to develop the conceptual designs. These meetings would be in January*

*The fifth public meeting will present the draft final conceptual design and cost estimate to the Borough and public in late January/early February. Any input received at this meeting will be incorporated into the final conceptual plan and estimates updated prior to the mid February deadline.*

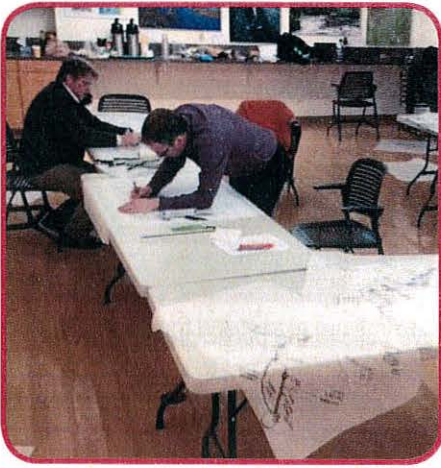


We believe the public provides better input when they get to look at large scale plans at their own pace rather than digital presentations.



Users, stakeholders and staff in Wrangell watched their ideas evolve into plans quickly with the two public meetings in three days schedule.





The open studio concept allowed increased participation, review and resulted in a stronger final plan that received overwhelming support for our project in Wrangell.

## Planning and Design

### Schedule

On going in conjunction with the public meetings we will develop master plan alternatives for public comment follow by development of the conceptual design for the trail, park and interpretation. This work will begin in November and conclude prior to the February 17, 2017 deadline.

The priorities established during the public meetings by the public and Borough and verified by the Steering Committee (if established) and Borough Project Manager will form the direction for the planning and design of the project. It will be important that these priorities are vetted, are obtainable, have limited permitting implications and are cost effective. Additionally, while this is clearly a landscape architectural project we cannot state enough the key role that engineering plays in the development of the conceptual plan and the cost estimates. Having PND as a partner throughout the project will validate the constructability, engineering and costs associated with the project. The design and engineering of waterfront trails and parks can be challenging design undertakings and we want to be sure all design work is vetted and backed by sound engineering throughout. We do not want you to have any surprises once the conceptual design is submitted and the project moves into the next phases of design and engineering.

### Master Planning

Based on our focused public participation comments developed during the first public meeting the planning team will develop trail, park and interpretation master plans that reflect a range of priorities identified by the public, stakeholders and direction provided by the Steering Committee and Borough. Working with private and public land owners

and developing trail alignments that are supported by easements and placement on public lands will likely drive the alignment along with costs. Depending on the alignment the planning will look at a variety of trail alignment options that might include on-grade, elevated and pile supported trail options. The alignment in part follows the seaward edge of the coastline frequently exposed to the eroding forces of heavy winds and waves. Armored embankments and pile supported deck options will likely be assessed for these regions. The alignment will also be routed through and around proposed harbor parking areas where Lookout Park is currently sited and is being considered for relocation and renamed as Harbor Park. PND has worked hand in hand with the Borough on the harbor development process and is keenly aware of public sentiments towards the park and parking areas as well as the established design guidelines required to secure project funding through ADFG and USFWS. Accordingly, as part of the harbor project, PND has already completed the design of a building pad at the southeasterly seaward edge of the proposed parking area that should be considered under this plan for the park relocation site. By relocating Lookout Park, pedestrian as well as vehicular circulation can be greatly improved and developed in an environmentally sensitive and aesthetic manner. There is some public concern related to the removal of Lookout Park and the development of the new Harbor Park. We will work with the public to find ways to develop public support for Harbor Park. This might include relocating some elements from Lookout Park, understanding what makes Lookout Park special and incorporating these characteristics into the new park, and finally identifying how we can make Harbor Park even better than Lookout Park. Linking trail interpretation into the theme of Harbor Park would



create a unified vision for the entire project. The plans will be developed as large format colored site plans, with supporting sketches. All work will be provided to the Borough Project Manager for comment and input prior to being used in a public meeting.

### Conceptual Design

Once the preferred master plan has been developed work will enter the design phase and move towards developing a final conceptual design. We see conceptual design being both hand sketches (plans, sections and elevations) with some digital drawings. These would be large format colored plans with supporting enlargements, sections and sketches. Conceptual designs are defined as "outline solutions to a design problem that typically include rough sizes, layout and relationships". At this level, rough area calculations, materials, construction techniques will allow the development of a supporting conceptual construction estimate. Our past waterfront design experience will allow us to identify potential permitting issues related to the project and develop strategies and designs that would minimize permitting impacts. As stated previously, having an engineer involved during the project will add a higher level of understanding of materials, construction and engineering that will pay dividends in the conceptual design and cost estimate. Again, all work will be provided to the Borough Project Manager for comment and input prior to being used in a public meeting.

### Interpretive Planning

Our interpretive planning process is designed to capture your story and the story of Haines in order to convey it in an immersive, three-dimensional setting that creates a truly memorable visitor experience (and for locals too). We do not want to duplicate stories already being told but find ways to complement

and enhance the experience of what is already in the community. We have developed a system for interpretive planning projects that captures a large amount of data, synthesizing it into a manageable form that we shape into content that engages visitors, locals and children both intellectually and emotionally.

At this level of design the interpretation component of the project would indicate the overall 'story' and messages, location of interpretive elements, a rough outline of the narrative for each element, and include simple examples of conceptual graphic design and layout examples. Costs would also be provided.

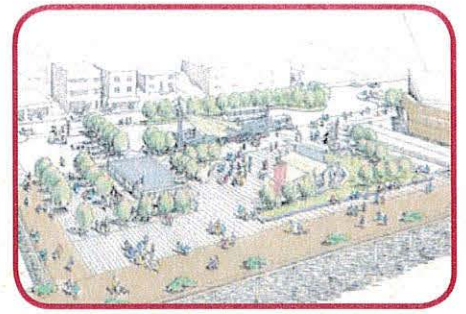
### Document Preparation

#### Schedule

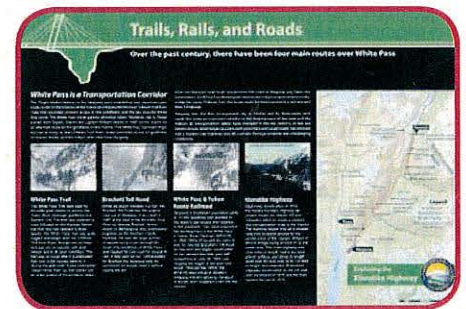
Document preparation will be concurrent with the development of the Project. The document would be completed prior to February 17, 2017.

### Develop Project Report

The planning team will prepare a supporting report that will summarize the project, all information gathered along with the goals, recommendations, priorities, public input and construction costs. This will be a supporting document that will validate the contents of the conceptual design. Our goal for this report is that it is a simple and highly useful document that has more life 'off the shelf' than on the shelf. Reports are at their highest level when they can be living documents, founded in decision making criteria that allows for intelligent flexibility. The report (and all drawings and estimates) will be provided to the Borough Project Manager as it develops for review and input throughout the project.



A birds eye sketch of the Juneau Cruise Ship dock with a large welcoming waterfront park and seawalk.



Interpretive panels and their content is driven by the interpretive plan.





The waterfront trail can include heritage and cultural elements such as Tlingit form line designs for our Sitka Seawalk.

An initial recommendation for document organization is as follows:

### Executive Summary

This section will provide a summarized overview of existing conditions, a summary of public outreach and community priorities, and an overview of the final conceptual plan.

### Project Goals and Process

This will reiterate initial project planning and confirm that a valid process was used.

### Existing Conditions/Site Analysis

The intent of this section is to provide an accurate picture of the project area, list opportunities and inventory the site.

### Public Outreach and Engagement

Summarizes the process and lists stakeholders, planning partners and the general public's concerns, priorities and desires developed during the public participation process.

### Planning and Design

Describes how the priorities are synthesized to develop the master plans and conceptual design of the park and trail. Short and long term phased development options will be described if included in the project. Construction costs will be included.

### Interpretation Plan

A summary of interpretation goals, objectives and priorities including themes considered and selection of preferred unified story and messages to be told.

### Implementation Strategies and Funding

Discussion of implementation strategies and linking them to potential funding opportunities. Focus will be placed on implementation strategies that make the Borough eligible and competitive for funding and grant opportunities and using existing Borough funds.

## Endorsement

Although not listed in the RFP, we feel the final step for this project is endorsement. This needs to be at the public level, Borough level and of course at the Assembly level. While we expect some to be in opposition no matter what is designed, our desire is to get at least begrudgingly support and realize that this project will provide benefits to the community and offer economic opportunities. By developing an inclusive public outreach and engagement process and inviting people into the process to be part of the project can limit opposition. PND has assisted the Borough in their efforts to secure grant funds for the parking area, park relocation and some landscaping elements. It is vital to securing these grants that the interpretive trail and Harbor Park improvements in this region be developed in a publicly supported manner consistent with funding agency development guidelines. Once endorsed at the local level, the project can be considered for a variety of funding and grant opportunities.

-E-02



PAPER BIRCH: *Betula papyrifera*

A **Birch Tree** has many traditional uses. The wood and branches can be turned into snowshoes and sleds for winter travel. The bark can be used to craft baskets, canoes, and even a trumpet to imitate the call of a moose. Like all plants, it also sequesters carbon.

DID YOU KNOW? Birch can be great on pancakes! In springtime the tree can be tapped for its sap, which can be refined into a tasty syrup.

Understanding Haines and its stories are important for development of the interpretive plan.



## 4. Capacity of the Firm

Our local team has the capacity and depth required to service this project correctly; with specialties and experience that directly relate to the needs of this project. We would like to reinforce that we have very intentionally partnered with another local Southeast Alaskan firm (PND Engineers) that you have worked with previously within the project area. Our shared project experience and numerous successes in working together on past projects will directly translate to project efficiencies and result in us meeting and exceeding your and the project expectations. We have the capacity, desire and truly enjoying doing this type of work in our neighboring small Southeast communities. We will make your project our highest priority.

### Corvus Design

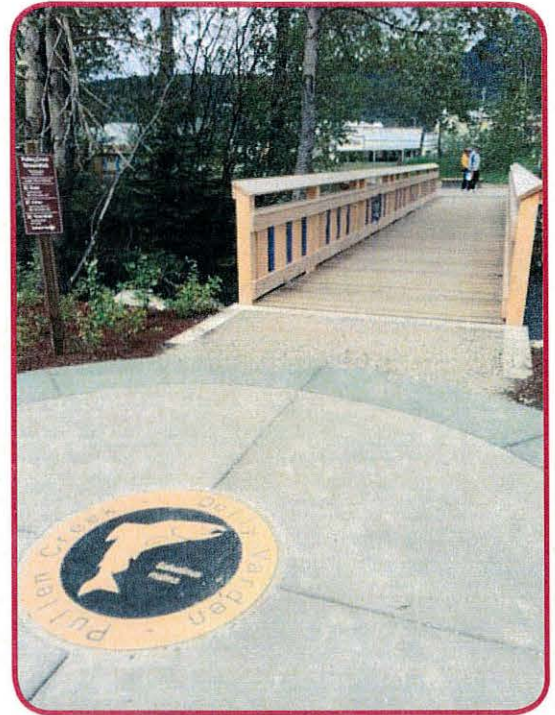
Corvus Design, Inc. is an Alaskan Landscape Architecture and Planning firm with offices in Anchorage, Juneau and Fairbanks. We are Alaska's largest independent landscape architecture firm, and have extensive experience throughout Alaska. Established in 2006, our firm has an established track record of providing high-level client service and successful delivery on over 300 projects statewide. Our firm includes four licensed landscape architects and several support staff with education specializing in planning, landscape architecture and graphics.

We provide a full-range of traditional landscape architectural and planning services including: master planning, site planning, site design, landscape design, environmental services and permitting assistance. We also have a number of special service areas where we have focused our efforts to develop niches: non-motorized transportation planning, sustainable design, interpretive design, public process, engagement and facilitation. Our Juneau office specializes in waterfront planning and design and working with coastal communities.

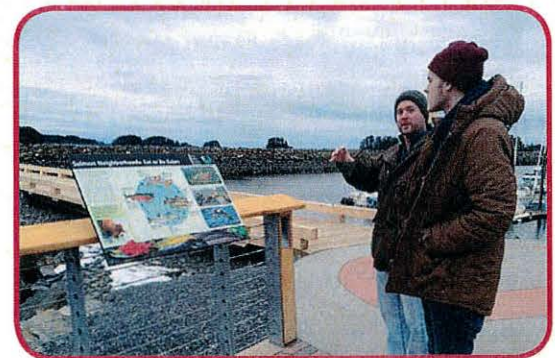
### PND Engineers

PND Engineers is an Alaskan corporation formed in 1979. The firm is head-quartered in Anchorage with additional offices in Juneau, Seattle and Houston. PND employs over 110 engineers, planners, surveyors, scientists and technicians. A professional staff of 60 registered professional engineers, three professional land surveyors, 15 civil engineers-in-training, and two staff engineers allows us to easily complete projects on time and within budget. Our Juneau office employs seventeen local residents, including seven registered professional engineers. We provide service to clients throughout Southeast and Coastal Alaska.

PND Juneau is highly qualified for the Portage Cove Interpretive Trail project having more than 35 years of experience working in Southeast Alaska on civil, structural and marine projects. PND has provided design for a variety of recreational trail systems, including multi-use and non-motorized trails. We specialize in trail design elements such as trail alignment plans, retaining wall structures, cuts and fills, erosion protection, pedestrian bridges, under- and overpasses, and ADA compliance. PND has teamed with Corvus Design on numerous projects with a similar scope.



Educational and interpretation can be found beyond signs and panels. We included bronze medallions of each fish species for the Pullen Creek StreamWalk.



Integrating the Sitka Seawalk with the Science Center panels unifies the two projects.



**Total Costs of the Preferred Master Plan**

WRANGELL WATERFRONT MASTER PLAN  
BUDGET LABEL ESTIMATE  
April 5, 2016

Item	Quantity	Unit	Unit Cost	Amount	Subtotal	Subtotal	Subtotal	Subtotal
<b>CONSTRUCTION COSTS</b>								
1.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
2.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
3.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
4.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
5.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
6.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
7.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
8.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
9.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
10.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
11.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
12.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
13.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
14.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
15.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
16.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
17.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
18.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
19.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
20.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
21.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
22.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
23.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
24.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
25.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
26.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
27.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
28.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
29.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
30.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
31.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
32.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
33.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
34.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
35.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
36.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
37.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
38.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
39.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
40.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
41.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
42.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
43.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
44.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
45.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
46.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
47.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
48.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
49.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
50.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
51.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
52.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
53.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
54.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
55.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
56.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
57.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
58.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
59.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
60.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
61.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
62.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
63.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
64.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
65.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
66.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
67.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
68.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
69.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
70.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
71.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
72.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
73.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
74.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
75.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
76.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
77.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
78.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
79.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
80.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
81.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
82.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
83.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
84.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
85.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
86.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
87.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
88.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
89.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
90.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
91.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
92.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
93.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
94.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
95.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
96.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
97.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
98.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
99.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000
100.00	1	Lot	100,000	100,000	100,000	100,000	100,000	100,000

Wrangell Waterfront Preferred Master Plan Page 23 of 76

PND Engineers provides outstanding waterfront based cost estimates.

The capacity of the firms includes the following:

**Corvus Design**

- Alaska Licensed Landscape Architects: 4
- Support Staff (Landscape Architecture educated): 2

**PND Engineers (Juneau)**

- Alaska Licensed Engineers: 7
- Engineers in Training: 3
- Support Staff: 7

**Workload**

We will be honest and state that the current Alaskan economic issues have resulted in a work slowdown for many professional firms including our firms. Both of our firms traditionally service Southeast Alaska communities and this has long been a focus of our work. We have the capacity to make your project a priority during the expected five month period of the contract. Our anticipated workload is as follows:

	October-December 2016	January-February 2017
Corvus Design	50% availability	60% availability
PND Engineers	40% availability	50% availability

We have more than adequate resources and expertise to service this contract. Please see our project description for the Wrangell Waterfront Master Plan (and others) and our past ability to service a similar project with a larger scope where we were able to expedite the schedule and meet a time line similar to your project.

In addition to the ability to perform the work, our entire Juneau based team can quickly and easily get to Haines (a mere 90 miles up Lynn Canal) making us responsive and cost effective.

*“Corvus Design led a team [including PND Engineers] that was able to listen to and visualize the diverse opinions of the community and stakeholders for Wrangell’s last open stretch of waterfront in the downtown corridor. They went above and beyond in developing schematics and options, helping us focus on the priorities and developing a phased plan of action.”*

*Carol Rushmore, Project Manager  
Wrangell Waterfront Master Plan*



## 5. Firm's Experience with Public Meetings and User Groups

We have outlined our proposed Community Involvement Plan (CIP) and Public Engagement Process in Section 3: Draft Scope of Work. This process has been refined over the years and has been specifically developed for small Southeast Alaskan communities. Based on our past work with Haines we feel this is an appropriate and respectful manner to engage the community and provide clear communication.

We also want to develop trust with the community to help build consensus and engagement in the project. As stated previously, an essential component to community engagement that we feel has been lost is honest one-on-one interaction between the planning team and local users and stakeholders and residents. We believe that work on your project should occur in the community where stakeholders can observe, comment and participate in the crafting of your project. Key to our Community Involvement Plan and to ensure accountability we propose that the planning team hosts multiple day open house sessions where the planning team develops the designs while in Haines. We used this approach with great accolades in Wrangell as it allowed the design team to be significantly more available and accountable to all rather than a short period of time on a given night. In the end, a more detailed and comprehensive plan was developed and endorsed.

We anticipate conducting a series of five public meetings over the course of this project. Each of the meetings will be structured so that we can ask appropriate questions in order to elicit a focused public response with clear direction for decision-making purposes. By developing meeting agendas with clear goals and objectives for each keeps the public focused and allows us to extract the needed information to move forward. We will not be 'talking heads', rather we will ask thoughtful questions and listen respectfully to what the stakeholders have to say.

Consensus building is the most powerful ingredient for a project's success. We have experimented with different techniques and have come back to one simple tool: the Post-it Note. Even the most soft-spoken meeting attendee has a voice when given a pen and their own pad of Post-its. When a team is faced with a tough decision, we break down an issue into manageable pieces. We can then assess what piece needs the most attention and investigate more closely. Compared with a printed list of bullet items, Post-it Notes provides freedom to rearrange and create new connections. And finally, when groups need to cast their vote, Post-it notes provide a very colorful ballot. While others may focus on digital presentations (PowerPoint) we believe in gathering over plans and maps and allowing the public to share their ideas and develop consensus on these plans with colored pens.

Corvus Design (and PND Engineers) has vast experience leading public meetings and working with user groups. A listing of our most recent projects are listed to the right. We encourage you to contact our references listed in Section 2 (Past Performance) to understand our past project successes with public meetings and user groups.

### Some of our recent planning projects with significant public engagement includes:

- USDA Forest Service, Mendenhall Glacier Recreation Area Conceptual Development Plan, Juneau, AK
- Juneau Historic Preservation Plan, Juneau, AK
- Wrangell Waterfront Master Plan, Wrangell, AK
- Capital School Park, Juneau, AK
- Sitka Seawalk, Sitka, AK
- Juneau Harbors Uplands Master Plan, Juneau, AK
- Pullen Creek Interpretive Streamwalk, Skagway, AK
- Institute Property Master Plan, Wrangell, AK
- Auke Bay Neighborhood Master Plan, Juneau, AK
- Statter Harbor Master Plan, Juneau, AK
- Pullen Creek Interpretive Signs, Skagway, AK
- Cope Park Master Plan, Juneau, AK
- Heritage Harbor and Mariner's Memorial, Wrangell, AK
- Downtown Docks and Uplands Master Plan, Juneau, AK
- Marine Park and Seawalk Master Plan, Juneau, AK
- Wrangell Cooperative Association, Tribal Visioning, Wrangell, AK



We enjoy working with the public and getting their input.



## 6. Quality of Proposal

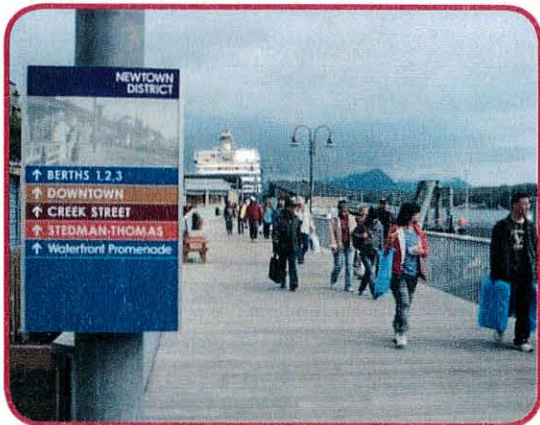
We hope you have enjoyed reading our proposal and that we have provided all the requested information in a clear manner.

## 7. Local Bidder Points

Work for this project will be generated out of the Juneau offices of Corvus Design and PND Engineers. While we will be cost effective and responsive, we do not qualify for the local bidder points.

### Qualification Statement Content

1. Consultant Firms
  - a. Corvus Design, Inc.  
Alaska Business License: 919662
  - b. PND Engineers, Inc.  
Alaska Business License: 436411
2. Number of years in business and brief history.
  - a. Please see Sections 1 (Firm's Qualifications) and 4 (Capacity of the Firms)
3. Experience with similar projects.
  - a. Please see Section 2 (Past Performance)
4. N/A: Addendum #1
5. Past record of performance. Provide name and phone numbers of five other clients.
  - a. Please see Section 2 (Past Performance)
6. Describe consultant's experience working with communities of similar size and character to Haines Borough.
  - a. Please see Sections 1 (Firm's Qualifications), 2 (Past Performance), 3 (Draft Scope of Work), and 5 (Experience with Public Meetings and User Groups).



Wayfinding may be a priority in addition to interpretation. Above is the Ketchikan Promenade and signs developed by Merl under previous employment with PND Engineers.





# Christopher Mertl, PLA, ASLA, ISA

Principal Landscape Architect

Corvus Design-Juneau, Alaska



## EDUCATION:

University of Guelph  
Guelph, Ontario, Canada  
Bachelor of Landscape Architecture, 1990

## REGISTRATION:

Registered Professional Landscape  
Architect-Alaska, 2001: LA#10440

American Society of Landscape Architects  
(ASLA), Alaska Chapter-Member

## REFERENCES:

- Rachel Ford, Former Executive Director, Taiya Inlet Watershed Council, 907-983-2426
- Carol Rushmore, Economic Development Director, City and Borough of Wrangell, 907-874-2381
- Gary Gillette, Port Engineer, Port of Juneau, 907-586-0398

## AWARDS:

2013 American Society of Civil Engineers,  
Juneau Alaska, Honorary Project of the  
Year, US Customs, Port Facility and City  
Visitor Center, Juneau, AK

2011 American Society of Landscape  
Architects-Alaska "Outstanding  
Professional Achievement"-Downtown  
Juneau Transportation Center

Mr. Mertl is a Landscape Architect with a strong background in the planning and design of coastal communities in Alaska. He is the principal of the Southeast Alaska office of Corvus Design in Juneau. Mr. Mertl has practiced in Southeast Alaska for over twenty years and brings a wealth of waterfront planning and design experience. The basis of his work is through the development of designs that are appropriate for the project and the community. His creativity and understanding of our region allows him to develop functional solutions that meet the needs of the clients and users.

Mr. Mertl's experience includes site analysis, site assessments, master planning, landscape and urban design, public involvement, and the development of construction drawings and specifications. Mr. Mertl has extensive experience with designing upland facilities for harbors, cruise ship and waterfront developments. These include pedestrian circulation, boat launches, public parking, tour bus staging, and the creation of seawalks and waterfront open space. Mr. Mertl understands the needs of users and the community for waterfronts and harbors and how to successfully create safe and functional waterfronts. He understands the critical role our waterfronts and harbors play in shaping our communities and economy.

For many of his projects he has served as project manager and led the public participation process. His clear communication, collaborative team approach and management skills allows him to get the most out of his team while maintaining budgets and schedules. His recent project management projects includes the Wrangell Downtown Waterfront Master Plan, Skagway Solid Waste, Recycling and Public Works Master Plan, Wrangell Institute Property Master Plan, and Juneau's Cope Park Improvements and Utility Upgrades.

***Chris' role within this project will be project management, leading trail and park design and public involvement.***

## SELECTED RELEVANT PROJECT EXPERIENCE

### Pullen Creek StreamWalk Phase 1, Skagway, Alaska

*Role: Project Manager, Trail and Riparian Design and Public Involvement*  
Corvus Design prepared construction documents for the first phase of construction of the master planning efforts. Work included creation of an accessible pedestrian route and riparian restoration. The accessible trail is linked to viewing platforms, interpretive opportunities, bridges and a dipping platform. This phase of work was recently constructed in downtown, Skagway and is very popular with summer visitors and locals alike.



# Christopher Mertl, PLA, ASLA, ISA

Principal Landscape Architect

Corvus Design-Juneau, Alaska

## Sitka Seawalk, Sitka, Alaska

*Role: Landscape Architect and Permitting*

Master planning, public involvement, permitting, and construction documents for the development of a pedestrian Seawalk along Sitka's waterfront. The 1/2 mile promenade links downtown with Totem National Park through a series of elevated boardwalks, sidewalks, bridges, and observation nodes unified by aesthetic paving, guardrail designs, and landscaping. The Seawalk design is influenced by the local Tlingit and Russian cultures and includes design elements in the paving and railings.

## Wrangell Waterfront Master Plan, Wrangell, Alaska

*Role: Project Manager, Master Planning and Public Involvement*

The community understands the importance of its waterfront and its ability to generate economic opportunities. We provided public involvement and master planning services that focuses on expansion of the marine services center, consolidates parking and resolves pedestrian and vehicular conflicts, creates a waterfront Heritage walk and open space, commercial development, and adds a new working pier that allows the berthing of yachts and fishing boats.

## Skagway Pullen Creek Interpretive Signs, Skagway, Alaska

*Role: Project Manager*

Corvus Design developed a detailed sign plan, produced designs for twenty-nine signs, and procured them for the client. We provided all staff for these services with the exception of partnering with an artist for sign illustrations, and photographers for imagery. The signs are currently being installed along the newly constructed StreamWalk in Skagway.

## Skagway Pullen Creek Master Plan, Skagway, Alaska

*Role: Project Manager, Master Planning and Public Involvement*

Corvus Design worked with the Taiya Inlet Watershed Council and US Fish and Wildlife Service to create masterplans for a pedestrian trail along the lower Pullen Creek corridor that will provide cultural, natural, and historical interpretation of the area for Skagway residents and visitors. This project included working with multiple stakeholders to find the ideal alignment.

## Sitka Sound Science Center Interpretive Panels, Sitka, Alaska

*Role: Project Manager*

Corvus provided interpretive design services for the Science Center and salmon hatchery. Corvus Design has worked with them on various restoration and streambank best management practices to recreate a natural riparian habitat to support the hatchery fish. These restoration efforts included opportunities for interpretation for which Corvus Design provided a series of graphic interpretive information panels to help educate visitors about the hatchery, the fish and the restored ecosystem.



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# Christopher Mertl, PLA, ASLA, ISA

Principal Landscape Architect

Corvus Design-Juneau, Alaska

## Statter Harbor Master Plan and Phase 1 and 2 Design, Juneau, Alaska

*Role: Landscape Architect*

The Statter Harbor Master Plan envisions reconfiguration and expansion of the existing harbor and upland facilities. New facilities include commercial and marine services facilities, new boat launch ramp, passenger for hire float, boat haul out facility, parkland and a waterfront seawalk, parking, and moorage improvements. This project included a four year NEPA process.

## Cope Improvements, Juneau, Alaska

*Role: Project Manager, Landscape Architect*

Through a series of public meetings the park plan addressed issues including safety, maintenance and meeting neighborhood needs. Construction documents were developed that created a riverside picnic area, new playground and sports play areas, links to trail systems, new lighting, site furnishings, and landscaping.

## Heritage Harbor and Mariner's Memorial, Wrangell, Alaska

*Role: Landscape Architect*

Master planning, permitting, design and administer the construction of the inner harbor facilities at Heritage Harbor. Phase III work included improvements to the uplands and parking and was the catalyst for the development of a Mariner's Memorial and park with a waterfront walk that included significant stakeholder involvement and working with the Port Commission.

## Downtown Docks and Uplands Master Plan and Design, Juneau, Alaska

*Role: Landscape Architect*

Planning and design to enhance downtown uplands operations for cruise ship operations while creating a welcoming waterfront gateway to the community. The planning and subsequent design resulting in the development of two new docks, a new expanded Seawalk, waterfront park, reconfiguration of parking and development of a new visitor center.

## Marine Park and Seawalk Master Plan, Juneau, Alaska

*Role: Landscape Architect*

Master planning a key portion of Juneau's waterfront located at Marine Park and extending the Seawalk. Master planning includes updating the waterfront open space to better accommodate public festivals and events, resolving pedestrian conflicts, improved cruise ship lightering staging, and integrating a working dock facility into a park setting.

## A Gaawooya Yei Shtoosneixhji, A Time For Healing: Cultural Park Conceptual Design, Douglas, AK

*Role: Project Manager and Landscape Architect*

Master planning of a waterfront cultural park to celebrate the old Native village in Douglas. Working with Native elders and artists, the plan integrates cultural elements that includes totem poles, traditional use plants, a large plaza with formline designs and and interpretive signs. Design work is on-going.



# Laura Minski, PLA

Landscape Architect

Corvus Design



## EDUCATION:

- University of Wisconsin-Madison  
B.Sc. Landscape Architecture, 2003
- University of Alaska, Anchorage  
Northern Design Course
- University of Alaska Fairbanks, Plant  
Propagation, 2014
- University of Alaska Fairbanks, Intro  
to Natural Resource Management,  
2015

## REGISTRATION/CERTIFICATION:

- Registered Landscape Architect  
Alaska#12550
- National Recreation and Park  
Association - Certified Playground  
Safety Inspector, 2015
- Streambank and Habitat Restoration,  
Alaska Department of Fish and Game

## REFERENCES:

- Beth Nordlund, Executive Director,  
Anchorage Park Foundation, (907)  
274-1003
- Mary Pagel, Project Manager, UAF  
Division of Design and Construction  
(907) 474-1908
- Jenny Campbell, Director, UAF  
Division of Design and Construction  
(907) 474-5598

With over twelve years of experience in Alaska, Laura has strong state-wide experience with our landscapes through her professional work and outdoor recreation. After eight years at Corvus Design, Laura has acted as project manager and lead designer for numerous clients. Her specific experience includes a broad range of project types and processes from visitor facilities, institutions, parks, trails, greenspaces, military facilities, transportation work, restoration, and various scales of development. These opportunities have provided Laura with management and technical experience for clients and projects across Alaska.

Laura has worked on numerous trail, park and interpretive projects including projects for the National Park Service Denali National Park Eielson Visitor Center; National Park Service Herman Leirer Multi-Modal Trail to the Exit Glacier area; and our current extensive efforts in Skagway on the Pullen Creek StreamWalk and Interpretive Signage project where Laura is our project manager.

Laura is often integral to Corvus Design's interpretive design work. Her role within our interpretive projects is to assist in development of creative content, design development, technical writing, collaboration with available experts and resources, and artwork coordination.

***Laura's role within this project will be landscape architect leading the interpretive planning and providing support and production for the waterfront trail and park design.***

## SELECTED RELEVANT PROJECT EXPERIENCE

### **Captain William Henry Moore Bridge, SHPO Mitigation, Skagway, Alaska**

#### ***Role: Interpretive designer***

Corvus Design is currently assisting the ADOT&PF with mitigation measures related to cultural and visual adverse effects associated with the replacement of the William Moore bridge on the Klondike Highway. Work included the design, layout and graphics for five interpretive panels that covers the history of the Klondike Highway, the challenges to develop the corridor, and the unique engineering of the bridge. The panels include historic images, maps and rich graphics.

### **Skagway Pullen Creek Master Plan, Skagway, Alaska**

#### ***Role: Master planning and trail design and support***

Corvus Design worked with the Taiya Inlet Watershed Council and US Fish and Wildlife Service to create masterplans for a pedestrian trail along the lower Pullen Creek corridor that will provide cultural, natural, and historical interpretation of the area for Skagway residents and visitors. This project included working with multiple stakeholders to find the ideal alignment.



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# Laura Minski, PLA

Landscape Architect  
Corvus Design

## AWARDS:

- 2011 – Society of American Military Engineers – Silver Medal – US Coast Guard Cordova Family Housing
- 2010 – LEED Silver Certification – US Coast Guard Cordova Family Housing
- 2008 – LEED Platinum Certification – Eielson Visitor Center
- 2007 – AIA Alaska Honor Award – Homer Library
- 2007 – LEED Silver Certification – Homer Library

## Skagway Pullen Creek StreamWalk Phase 1, Skagway, Alaska

### *Role: Landscape architect*

Corvus Design prepared construction documents for the first phase of construction of the master planning efforts. Work included creation of an accessible pedestrian route and riparian restoration. The accessible trail is linked to viewing platforms, interpretive opportunities, bridges and a dipping platform. This phase of work was recently constructed in downtown, Skagway and is very popular with summer visitors and locals alike.

## Skagway Pullen Creek Interpretive Signs, Skagway, Alaska

### *Role: Interpretive designer*

Corvus Design developed a detailed sign plan, produced designs for twenty-nine signs, and procured them for the client. We provided all staff for these services with the exception of partnering with an artist for sign illustrations, and photographers for imagery. The signs are currently being installed along the newly constructed StreamWalk in Skagway.

## Sitka Sound Science Center Interpretive Panels, Sitka, Alaska

### *Role: Interpretive designer*

Corvus provided interpretive design services for the Science Center and salmon hatchery. Corvus Design has worked with them on various restoration and streambank best management practices to recreate a natural riparian habitat to support the hatchery fish. These restoration efforts included opportunities for interpretation for which Corvus Design provided a series of graphic interpretive information panels to help educate visitors about the hatchery, the fish and the restored ecosystem.

## Northwood Park Interpretive Panels, Anchorage, Alaska

### *Role: Interpretive designer*

With a focus on connections to wetlands, Corvus Design developed signage that focused on the wide array of services that wetlands offer, and the role they play as habitat. Signs were developed to compliment neighboring school education curriculum. A total of twenty-eight signs were designed and procured, and we volunteered installation.

# Erik Jones

Landscape Architectural Staff

Corvus Design



## EDUCATION:

- Master of Landscape Architecture, Cornell University, 2013
- Bachelor of Landscape Architecture, Michigan State University, 2009

Mr. Jones is a recent addition to Corvus Design. He has two previous years of professional landscape architectural design experience working in New York City. While living and working in the dense urban environment he has been involved with a wide range of design challenges including plaza design, community master planning, recreation trail design, esplanade and boardwalk design and detailing, roof terrace design, and playground development. His technical skill set and attention to detail make him a valuable asset to our design team. He has created vibrant graphics and maps for many of our projects in addition to clear and concise AutoCAD work for construction documents.

Mr. Jones is originally from Michigan and has a great love for the outdoors. He has traveled extensively throughout Northern Europe and has an affinity for Nordic design and functionality. He has been with Corvus Design for one year and is excited to be part of our design team and making a positive impression on Alaska.

***Erik's role within this project will be landscape architecture production support for the trail and park and development of graphics, plans and maps.***

## SELECTED RELEVANT PROJECT EXPERIENCE

**Skagway Pullen Creek Interpretive Signs, Skagway, Alaska**

*Role: Graphic and production support*

Corvus Design developed a detailed sign plan, produced designs for twenty-nine signs, and procured them for the client. The signs are currently being installed along the newly constructed StreamWalk in Skagway.

**Sitka Sound Science Center Interpretive Panels, Sitka, Alaska**

*Role: Graphic and production support*

Corvus Design provided interpretive design services for the Science Center and salmon hatchery. Corvus Design provided a series of graphic interpretive panels to help educate visitors about the hatchery, the fish and the restored ecosystem with a focus on salmon and the Tongass National Forest.

**USDA Forest Service, Mendenhall Glacier Recreation Area Conceptual Development Plan, Juneau, AK**

*Role: Graphics, NEPA support, and production support*

Corvus Design is providing master planning for the entire 6,000 acre recreation area with a focus on the next 20 and 50 years and how the area is changing due to climate change and increased congestion due to popularity of the area. The plan will make recommendation on recreation and facility improvements and is integrated within an extensive public participation process.

**Kenai Mountain - Turnagain Arm National Heritage Area Signage, Kenai, AK**

*Role: Production support*

Corvus Design provided a series of interpretative signs and a large monument gateway facility sign for this heritage area on the Kenai Peninsula.



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Mr. Somerville has 35 years of civil engineering and project management experience in Alaska. His background includes planning, permitting, site investigations, design, construction inspection and contract administration for a variety of public and private clients focusing on ports, harbors and waterfront projects. Following five years of employment with Alaska DOT&PF, Dick has worked in the private sector since 1980 and joined PND in 1987. Mr. Somerville is a principal of the firm and the manager of PND's Juneau Office, where he currently manages a staff of 18 engineers and technicians.

Mr. Somerville's engineering experience has included planning, design and construction projects. Projects have included large earthworks, erosion control, water and sewer utility projects, dredging, bridges, docks, moorage floats, boat launch facilities, retaining walls, sheet pile structures, harbor infrastructure, roadways, recreational trails, parking and staging areas. As a planning and design manager he has conducted numerous public presentations, developed needs assessments, scoping

studies and condition assessments and has produced civil and marine facility designs, technical specifications, contract documents, permits and cost estimates on several hundred public and private projects in Alaska.

EDUCATION

B.S. Civil Engineering,  
University of Alaska  
Anchorage

REGISTRATION

Professional Civil  
Engineer: Alaska #8845

REFERENCES

Carl Uchtyl, P.E., CBJ  
Port Director,  
907.586.0294

Glorianne Wollen,  
Petersburg Harbormaster  
907.772.4688

Greg Meissner,  
Wrangell Harbormaster  
907.847.3736

SELECTED RELEVANT PROJECT EXPERIENCE

**Portage Cove Harbor Expansion, Haines, AK. Principal-in-Charge/Project Manager.** Mr. Somerville is the principal-in-charge and project manager under contract with the Haines Borough for the Portage Cove Harbor Expansion project. Improvements include a partially penetrating permeable wave barrier, USACE rubble mound breakwater armor rock, uplands parking and staging, dredging, moorage float piles and sewer outfall line relocation.

**UAS Noyes Pavilion, Juneau, AK. Principal Civil Engineer.** Responsible for surveying, geotechnical and civil engineering tasks associated with the design of an outdoor performing arts pavilion on the campus of UAS. Design elements included foundations for the pavilion, site layout, grading, drainage and paving, several CIP cantilever retaining walls with applied rock finishes, ADA compliant pedestrian walkways, landscape planters, curbs and parking.

**UAS Recreation Center Pathway, Juneau, AK. Principal Civil Engineer.** Responsible for surveying, geotechnical and civil engineering tasks associated with the design of a paved and lighted pathway between the joint use recreational center and student housing on the UAS campus. Design elements included pathway alignment, geotextile reinforcement of wet peat subgrade soils, grading, drainage, paving, three retaining walls, and general landscaping.

**Statter Harbor Improvements, Juneau, Alaska. Principal-In-Charge/Project Manager.** Responsible for planning, environmental assessment, permitting and final design for extensive upland and marine facility improvements at Statter Harbor. He supervised the site layout for uplands and marine components including highway egress, parking, site circulation, pedestrian walkways, harbor moorage facilities, kayak launch, boat launch, tour loading float, covered shelters, seawalk, beach access stairway, restrooms and other recreational activities. He worked prepare concept alternatives and recommendations to meet community needs and to support NEPA documentation.

**Cruise Ship Terminal Staging Areas, Juneau, AK. Principal-In-Charge/Project Manager.** Responsible for PND Team providing transportation and uplands operational planning services, final design, contract administration and inspection services on this \$6 million two-phase project to improve vehicle and pedestrian circulation and safety at Juneau's congested Cruise Ship Terminal. Improvements included expansion of pile supported docks, reconfigured South Franklin Street and parking for coaches, service vans, public and private vehicles in three adjacent parking lots. Extensive landscape and hardscape features with covered shelters, planting beds, architectural rails, signage, traffic markings and lighting compliment the movement of visitors on foot and in vehicles along the waterfront corridor.



Juneau Cruise Ship  
Terminal Staging Area



Statter Harbor Improvements