



City Manager
334 Front Street
Ketchikan, AK. 99901

Phone (907) 225-5603
Fax (907) 225-5075

TRANSMITTAL MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, City Manager

DATE: August 28, 2019

RE: **FY 2021 Community Priority List, Initial City of Ketchikan Legislative Requests**

As indicated in the attached email correspondence from Borough Clerk Kacie Paxton, capital project and policy issue requests are being solicited for inclusion in the Community Priority List for transmittal to the Governor and the Legislature for next session. According to the Borough Clerk, municipal capital project priority lists and project descriptions are due by September 15, 2019.

Given the State of Alaska's ongoing budget deficit, my office recommends that the City attempt to direct its priorities to capital projects that either have funding support already, are eligible for funding under annual agency infrastructure programs or have far-reaching impacts on the health and welfare of City residents. To that end, my office proposes the following seven priorities for inclusion in the Community Priority List and possibly within the Capital Priority Project List that will be transmitted to Governor Walker.

Project	Priority	Total Cost	Requested Funding
Continuation of Commercial Passenger Vessel (CPV) Tax Program	1		\$ 2,300,000*
Schoenbar Road Raw Water and Drinking Water Pipe Replacement	2	\$ 7,565,746	\$ 5,973,779
Schoenbar Road Sanitary Sewer Mains Replacement	3	\$ 3,920,254	\$ 2,125,057
Water Street Trestle No. 1 Replacement	4	\$ 3,000,000	\$ 2,688,463

Sayles/Gorge Street Viaduct Replacement	5	\$ 2,600,000	\$ 2,330,002
Dunton Street Viaduct Improvement	6	\$ 4,800,000	\$ 4,800,000
South Tongass Highway Improvements – Deermount to Saxman	7	\$ 15,220,000	\$ 15,220,000
Total		\$ 37,106,000	\$ 35,437,301

*Approximate Amount that is Received Annually under the CPV Tax Program

If endorsed by the City Council, City Priority No.1 will address the continuation of the Commercial Passenger Vessel Tax Program. Given the cost of accommodating the post-Panamax class of vessels that have entered the Alaska market and ancillary services and amenities for increased numbers of cruise passengers, continuation of this funding source will be critical to the City's ability to meet debt service obligations and provide funding for projects associated with port reconfigurations.

Project Priorities Nos. 2 and 3 address the failing portions of the water transmission and wastewater collection lines located in the Schoenbar Road area. The 36" ductile iron raw water main line has experienced several major failures within the last year. The drinking water transmission and wastewater collection lines have also been identified as needing replacement. Accessing and replacing these lines as one coordinated project, rather than two separate efforts, will not only be cost effective but will have the least impact upon the community. Loan agreements from the Alaska Drinking Water Fund in the amount of \$1,591,967 have been secured for the raw water portion of this project and an additional \$1,795,197 has been secured for the wastewater portion through the Alaska Clean Water Fund. The City is in the process of requesting additional loans from ADEC in the amounts of \$5,973,779 and \$2,125,057 for the raw water and wastewater projects respectfully.

Project Priorities Nos. 4, 5 and 7 have been nominated by the Department of Transportation & Public Facilities as part of the draft 2018 – 2021 Statewide Transportation Improvement Program (STIP). Local matches of \$311,537 and \$269,998 respectively for design and construction have previously been approved by the City Council for the Water Street Trestle No. 1 and Sayles/Gorge Bridge projects. The South Tongass Highway Improvements – Deermount to Saxman project has long been identified as a crucial community need due to the fact that it is the only roadway connecting the southern area of the community with critical services located within the downtown center and further north. City priority No. 6, the Dunton Street Viaduct Improvement, has long been identified as a needed project to continue the sole access to 15 residential homes but has not yet been nominated to the STIP.

If the City Council believes projects other than those recommended above deserve priority consideration, staff can respond accordingly. It is anticipated that Ketchikan City Council, Saxman City Council and Ketchikan Gateway Borough Assembly approval of the Community Priority List to be transmitted to the Governor will be requested in October.

A motion has been prepared for City Council consideration.

RECOMMENDATION

It is recommended that the City Council adopt the motion approving the City of Ketchikan priorities for inclusion in the 2021 Community Priority List as detailed in the City Manager's report dated August 28, 2019 and/or as modified by the City Council.

Recommended Motion: I move the City Council approve the City of Ketchikan priorities for inclusion in the 2021 Community Priority List as detailed in the City Manager's report dated August 28, 2019 and/or as modified by the City Council.

Karl Amylon

From: Kacie Paxton <kaciep@kgbak.us>
Sent: Thursday, August 22, 2019 11:01 AM
To: David Landis; Mayor; Frank Seludo; Ruben Duran; Karl Amylon; Lori Richmond; Rodney Dial; Council-6
Cc: Kim Stanker; Lacey Simpson; Jenni Fox
Subject: Request to Convene Lobbying Executive Committee
Attachments: R2272.pdf

External Email Notice

This message originated from outside your organization

Lobbying Executive Committee Members:

Mayor Landis has requested that this committee convene to discuss prioritization of the FY 2021 Community of Ketchikan Capital Projects and policy issues. I have attached a copy of Resolution 2272 which identifies the purpose and membership of this committee.

The Borough Assembly is schedule to consider the Borough capital projects and policy issues at its September 3 meeting. The Ketchikan City Council is scheduled to consider its projects on September 5. City of Saxman staff is currently updating its projects.

Below is a draft schedule for compiling the community list for submission to Governor Dunleavy.

By September 15	Respective Bodies consider municipal capital priority projects
By September 27	Lobbying Executive Committee convenes to prioritize community project list
By October 15	Respective Bodies consider community priority list
By October 30	Borough Clerk Submits Priority List to Governor

Please respond and let me know which of these proposed dates work best for you to attend a Lobbying Exec Committee meeting, and which dates would NOT work for you to meet:

Monday, September 23, Noon
Tuesday, September 24, Noon
Thursday, September 26, Noon

Kacie Paxton, MMC
Borough Clerk
Ketchikan Gateway Borough
907.228.6604 www.kgbak.us



KETCHIKAN GATEWAY BOROUGH

RESOLUTION NO. 2272

A RESOLUTION OF THE ASSEMBLY OF THE KETCHIKAN GATEWAY BOROUGH, REVISING THE PURPOSE OF THE LOBBYING EXECUTIVE COMMITTEE TO INCLUDE THE RECOMMENDATION OF LEGISLATIVE PROJECT PRIORITIES; REPEALING RESOLUTION NO. 1003A; AND PROVIDING FOR AN EFFECTIVE DATE

RECITALS

WHEREAS, Resolution No. 1003A, adopted August 26, 1991, established the Lobbying Executive Committee and its purpose to monitor lobbying activities and give direction and guidance to the lobbyist; and,

WHEREAS, The Community of Ketchikan, as represented by the Ketchikan Gateway Borough, the City of Ketchikan, and the City of Saxman, meet annually with various community members, businesses, and organizations to develop a set of requests to be presented to the Governor and the Legislature of the State of Alaska, and a need has arisen for an executive committee to determine the project priorities; and,

WHEREAS, Annually the Ketchikan Gateway Borough and the City of Ketchikan have contracted with a professional lobbyist to represent the interests and priorities of the Ketchikan community before the State Legislature and the various State and Federal agencies; and,

WHEREAS, This (these) lobbyist(s) must thereby represent the Ketchikan Gateway Borough, the City of Ketchikan including Ketchikan Public Utilities and other community organizations, agencies and groups; and,

WHEREAS, In order to better facilitate timely communication, coordination and accountability between the lobbyist(s) and the Community of Ketchikan, there is a need for the purpose of the Lobbying Executive Committee to provide information to the lobbyist(s) regarding community priorities and lobbying activities, and recommend capital project priorities to the three municipalities.

NOW, THEREFORE, IN CONSIDERATION OF THE ABOVE FACTS, IT IS RESOLVED BY THE ASSEMBLY OF THE KETCHIKAN GATEWAY BOROUGH as follows:


Section 1. Purpose. The Lobbying Executive Committee shall provide information to the lobbyist(s) regarding community priorities and lobbying activities, and recommend capital project priorities to the three municipalities.

Section 2. Membership. The Lobbying Executive Committee shall consist of the Mayor of the City of Saxman, the Mayor and one council member of the City of Ketchikan, the Mayor and one assembly member of the Ketchikan Gateway Borough, the Saxman City Administrator, the Ketchikan City Manager, and the Borough Manager. The Committee shall elect its own chair from the elected officials sitting on the Committee.

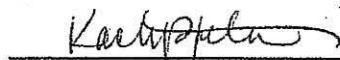
Section 3. Repeal. Resolution No. 1003A is hereby superseded and repealed by this resolution.

Section 4. This resolution is effective immediately upon adoption.

ADOPTED this 20th day of September, 2010.

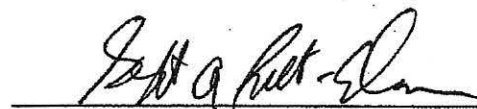


Dave Kiffer, Borough Mayor



Kacie Paxton, Borough Clerk

APPROVED AS TO FORM:



Scott A. Brandt-Erichsen, Borough Attorney

EFFECTIVE DATE:		SEPTEMBER 20, 2010		
ROLL CALL	YES	NO	ABSENT	
Harrington	✓			
Moran	✓			
Painter	✓			
Phillips	✓			
Salazar			✓	
Shoemaker	✓			
Thompson	✓			
Mayor (tie votes only)				
4 AFFIRMATIVE VOTES REQUIRED FOR PASSAGE				

Greater Ketchikan Community Request for Fiscal Year 2021 State Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@ktn-ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:
<p style="text-align: center;">Continuation of Commercial Passenger Vessel (CPV) Tax Program</p> <p>The City of Ketchikan is the recipient of \$2.50 per passenger from the Commercial Passenger Vessel (CPV) Program, which is administered by the Department of Commerce, Community and Economic Development. For 2018, the City received a payment of \$2,252,488 from the Department of Revenue. These funds are used to finance capital improvements and ancillary services that directly benefit passengers and cruise ships that moor at four berths, which comprise the Port of Ketchikan.</p> <p>In 2016, the Legislative Budget and Audit Committee released its audit report of the Commercial Passenger Vessel Tax Program, which concluded that</p> <ul style="list-style-type: none">• "... shared tax revenues spent by communities to improve port facilities and harbor infrastructure were expended in compliance with State law; and"• "... the unspent balance of shared taxes was determined to be reasonable based on community efforts to initiate or complete CPV projects. Further the audit concluded that unexpended CPV grants are supported by ongoing projects." <p>The audit report affirmed that the City of Ketchikan's expenditure of CPV shared tax revenues to improve port facilities and harbor infrastructure was accomplished in compliance with State law and that the City's unexpended balance of shared tax revenues is reasonable based on its efforts to initiate or complete CPV projects.</p>

**Request for Fiscal Year 2021 State Funding for
Continuation of Commercial Passenger Vessel (CPV) Tax Program
Page 2**

PROJECT DESCRIPTION:

The City of Ketchikan strongly endorses continuation of the Commercial Passenger Vessel (CPV) Tax Program to help finance the construction of Port infrastructure and facilities necessary to support and promote the tourism industry in Ketchikan and the rest of Southeast Alaska.

The City of Ketchikan contracted with Moffatt & Nichol in 2016 for planning and design of port improvements that will be necessary to accommodate post-Panamax sized cruise ships that began calling in Ketchikan in 2018. Required capital improvements to accommodate such vessels include removal of a rock pinnacle approximately 800 feet from the face of Berth II, which will involve dredging and rock removal to increase the navigational depth from minus 27 feet to minus 40 feet. The project contract has been awarded at cost of \$5.4 million and is anticipated to be completed by the spring of 2020.

Planning and design of a much larger project also began in 2017 involving the installation of floating gangway landing barges alongside Berths I and II. This project will allow post-Panamax cruise ships to land multiple gangways at each berth, in order to disembark and embark passengers. Most of the newer, larger ships have all but one of their passenger access doors located on lower decks that are not accessible on the fixed docks at Berths I and II except on higher tides. With typical stay times in Ketchikan of only 6 or 7 hours, there is simply not enough time to unload and load 3,000 or more passengers using just one gangway. The estimated cost of adding floating gangway landing barges at Berths I and II and reconfiguring the berths to accommodate larger vessels is \$97 million.

FUNDING PLAN

The City is relying on the continued receipt of State CPV funds to finance this work and related projects to maintain the Port's position as a viable cruise port and destination. Once precise project cost estimates are developed, the City will seek voter authorization to issue port revenue bonds as necessary. It is intended to fund the requisite debt service using State CPV tax revenues that are currently distributed to the City by the Department of Revenue.

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan is responsible for the ongoing operation and maintenance of the Port of Ketchikan. It is very costly to operate and maintain port facilities in Southeast Alaska because of inclement weather and wear and tear from heavy use during the peak cruise ship season. The nature of the cruise ship industry and the imposition of new regulations from federal and state authorities have required, and will continue to require, significant capital investments to maintain the City's current position as a safe and reliable port of call. In order to meet this objective, the City annually expends an average of \$500,000 for Port of Ketchikan maintenance activities alone. That amount has increased significantly recently, as in 2018 the City completed a scheduled 10-year overhaul of the Berth III floating barge and installation of corrosion protection on the Berth III structure at a total cost of \$5.1 million. The City is also recognizes the need to perform corrosion protection work on Berths I and II at an estimated cost of \$15 million in coordination with or in advance of a port expansion.

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:

These projects are part of the Port of Ketchikan's ongoing capital improvement program intended to accommodate the cruise ship industry's deployment of post-Panamax sized cruise ships that began calling in Ketchikan in 2018.

2. Projects that create jobs:

These projects are of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project. Completion of the projects will ensure Ketchikan's position as a leading port of call in Southeast Alaska and ensures continuity of existing and/or expanded tourism related jobs.

**Request for Fiscal Year 2021 State Funding for
Continuation of Commercial Passenger Vessel (CPV) Tax Program
Page 4**

3. Life, safety, health improvement projects:

Completion of these projects will ensure appropriately designed moorage facilities for cruise ships calling in Ketchikan and provide for the safe disembarking and embarking of passengers at the Port of Ketchikan.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Transportation:** These projects address an important transportation need for the community in that they will ensure appropriately designed moorage facilities for cruise ships calling in Ketchikan and provide for the safe disembarking and embarking of passengers at the Port of Ketchikan.
- **Infrastructure:** These projects address a public infrastructure need in that they will accommodate the cruise ship industry's deployment of post-Panamax sized cruise ships that began calling in Ketchikan in 2018.
- **Public Safety:** These projects improve the public safety of the Port of Ketchikan in that they provide for appropriately designed moorage facilities for cruise ships calling in Ketchikan and provide for the safe disembarking and embarking of passengers to and from the community.
- **Investment in Future:** These projects are an investment in the future of the greater community of Ketchikan in that they will provide construction jobs, improve existing infrastructure, and improve tourism related commerce within the community.
- **Support for Essential Services:** These projects will aid in the delivery of essential tourism related infrastructure, which will promote the community's leading economic driver.

Greater Ketchikan Community Request for Fiscal Year 2021 State Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@ktn-ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:

Schoenbar Road Raw Water and Drinking Water Pipe Replacement

- Expected completion date of December 2021
- Project timeline:

Site Survey and Geotechnical Investigation:	Completed
Engineering Design and Drafting:	2019
Public Hearings and Final Permits:	2020
Bidding and Construction:	2020

PROJECT DESCRIPTION:

This project will replace the failing 36" ductile iron raw water transmission line and 16", 14" and 12" drinking water distribution pipes within the Schoenbar Road corridor. This project will be in conjunction with an effort to replace the sanitary sewer collection pipes, storm drain pipes, sidewalk, curb, gutter, and road surface. The 36" ductile iron raw water transmission line carries raw water for a portion of its route from our water source (Ketchikan Lakes) to our ultraviolet (UV) light disinfection facility. This pipe has developed leaks in December 2010, October 2018, June 2019 and July 2019. This is extremely troublesome because this is the only water supply for the entire town. Without replacement of the pipe in this project, future leaks could cause the town to run out of safe drinking water.

In addition, this project will replace the aging ductile iron and cast iron drinking water distribution mains. In April of 2005, the 12" cast iron water line broke, causing

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Raw Water and Drinking Water Pipe Replacement
Page 2**

extensive damage to the road, impacting access to the nearby Schoenbar Middle School, and causing loss of water supply to the neighborhood. Replacement of these pipes is critical to ensure consistent drinking water supply and fire protection.

On February 22, 2019 the City of Ketchikan executed loan agreement #481081 in the amount of \$1,591,967 with the State of Alaska Department of Environmental Conservation for the Schoenbar Road water main replacement project. However an additional \$5,973,779 is needed for the entire water replacement project.

FUNDING PLAN

- State the total project cost estimate: \$7,565,746
- State funding already secured: \$1,591,967
- Requested State Funding: \$5,973,779
- Funding available from other sources: \$ 0
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan/Ketchikan Public Utilities is responsible for the ongoing operation and maintenance of this project.

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:

This project is part of an ongoing replacement program of Ketchikan water infrastructure. It is included in the Ketchikan Public Utilities 5 year Capital Improvement Plan.

2. Projects that create jobs:

This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Raw Water and Drinking Water Pipe Replacement
Page 3**

3. Life, safety, health improvement projects:

The 36" ductile iron water transmission line is the sole water supply line for the entire town. Any interruption to service (ie. leaks or breaks) causes an immediate concern for the community. The water distribution system supplies drinking water and fire protection for the surrounding neighborhood that includes the Schoenbar Middle School, Community Recreation Center, and Tongass School of Arts and Sciences elementary school.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of the drinking water distribution system.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve road conditions on an important road corridor that is used for the commercial deliveries of goods (fuel oil, construction materials, etc.) and access to the surrounding neighborhoods including the Schoenbar Middle School, Community Recreation Center, Aquatic Center, Tongass School of Arts and Sciences elementary school, Walker Field, Community Skate park, Public Library, and the Bear Valley residential area.
- **Infrastructure:** This project addresses a public infrastructure need in that it is a public water system.
- **Public Safety:** This project improves the public safety of the neighborhood in that it provides critical access for emergency response and fire department vehicles.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Raw Water and Drinking Water Pipe Replacement
Page 4**

public services, including community drinking water, fire protection, and providing access to the Ketchikan Gateway Borough Bus system, Senior Center shuttle, school bus service, emergency response and fire department vehicles.

Greater Ketchikan Community Request for Fiscal Year 2021 State Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@ktn-ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:

Schoenbar Road Sanitary Sewer Mains Replacement

- Expected completion date of December 2021
- Project timeline:

Site Survey and Geotechnical Investigation:	Completed
Engineering Design and Drafting:	2019
Public Hearings and Final Permits:	2020
Bidding and Construction:	2020

PROJECT DESCRIPTION:
<p>This multi-disciplinary project will replace aging sanitary sewer mains within the Schoenbar Road corridor. This project will be in conjunction with an effort to replace the raw water transmission line, drinking water distribution mains, storm drain pipes, sidewalk, curb, gutter, and road surface. The existing sanitary sewer mains within the project area have multiple cracks, offsets, holes, grease buildup and significant infiltration & inflow. Given the frequency of water main failures and general deterioration of the sewer mains, the risk for cross-contamination is of significant concern to both the Public Works Department and KPU Water. Poor fill conditions, multiple patches from water main failures, deteriorated sewer mains, and uncontrolled ground water throughout the project area have also resulted in roadway subsidence and a general deterioration of surface conditions. This in turn, has resulted in impacts to the public including interruptions to the free flow of traffic during emergency repairs and increased frequency of maintenance activities.</p>

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Sanitary Sewer Mains Replacement
Page 2**

On February 22, 2019 the City of Ketchikan executed loan agreement #481151 in the amount of \$1,795,197 with the State of Alaska Department of Environmental Conservation for the Schoenbar Road sewer main replacement project. However an additional \$2,125,057 is needed for the entire sewer replacement project.

FUNDING PLAN

- State the total project cost estimate: \$3,920,254
- State funding already secured: \$1,795,197
- Requested State Funding: \$2,125,057
- Funding available from other sources: \$ 0
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan is responsible for the ongoing operation and maintenance of this project.

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:

This project is part of an ongoing replacement program of City of Ketchikan sewer infrastructure. It is included in the City of Ketchikan 5 year Capital Improvement Plan.

2. Projects that create jobs:

This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.

3. Life, safety, health improvement projects:

The sewer mains within the project area collect and transport sanitary

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Sanitary Sewer Mains Replacement
Page 3**

sewer flow from the surrounding area and transport it on its way to the City of Ketchikan Wastewater Treatment facility. Any interruption to service (ie. leaks or breaks) causes an immediate health concern for the community because of the potential for public exposure to raw sewage. This includes exposure to residents walking and driving to/from their homes, the Schoenbar Middle School, Community Recreation Center, Aquatic Center, and Tongass School of Arts and Sciences Elementary School.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of the sewer collection system.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve road conditions on an important road corridor that is used for the commercial deliveries of goods (fuel oil, construction materials, etc.) and access to the surrounding neighborhoods including the Schoenbar Middle School, Community Recreation Center, Aquatic Center, Tongass School of Arts and Sciences elementary school, Walker Field, Community Skate park, Public Library, and the Bear Valley residential area.
- **Infrastructure:** This project addresses a public infrastructure need in that it is a public sewer system.
- **Public Safety:** This project improves the public safety of the neighborhood in that it provides for improved sanitary sewer collection, and critical road access for emergency response and fire department vehicles.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential public services, including sanitary sewer collection, and providing improved

**Request for Fiscal Year 2021 State Funding for
Schoenbar Road Sanitary Sewer Mains Replacement
Page 4**

access to the Ketchikan Gateway Borough Bus system, Senior Center shuttle, school bus service, emergency response and fire department vehicles.

Greater Ketchikan Community Request for Fiscal Year 2021 State Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@ktn-ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:
<p>Water Street Trestle No. 1 Replacement Project</p> <ul style="list-style-type: none">• Expected completion date of December 2020• Project timeline:<ul style="list-style-type: none">Site Survey and Geotechnical Investigation: 2018-2019Engineering Design and Drafting: 2018-2019Public Hearings and Final Permits: 2019Bidding and Construction: 2020

PROJECT DESCRIPTION:
<p>This project will provide a long-term replacement of an aging bridge structure. The current bridge is 117 feet in length and made of wood piling, wood caps, wood stringers, wood deck, and an asphalt overlay driving surface.</p> <p>On April 6, 2017 the Ketchikan City Council adopted Resolution No. 17-2651 approving a Memorandum of Agreement with the State of Alaska Department of Transportation and Public Facilities concerning the Ketchikan – Water Street Trestle No. 1 (#389) Improvement Project. Under the terms of the Memorandum of Agreement the City committed to expending \$311,537 or 10.3% of the total Project cost.</p>

**Request for Fiscal Year 2021 State Funding for
Water Street Trestle No. 1 Replacement Project
Page 2**

FUNDING PLAN

- The total project cost estimate: \$3,000,000
- State funding already secured: \$ 0
- Requested State Funding: \$2,688,463
- Funding available from other sources: \$311,537 in City Funds
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan is responsible for the ongoing operation and maintenance of this project.

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:

This project is part of an ongoing Rehabilitation/Replacement project of Ketchikan Bridges. It is included as one of the ten bridge structures identified for replacement within the Memorandum of Agreement executed with the State of Alaska Department of Transportation. Additionally, the neighboring Water Street Trestle No. 2 has just been completed. This project brought a large amount of related construction traffic across the smaller adjacent Water Street Trestle No 1. The increased traffic has accelerated the deterioration and increase the need for this replacement project.

Replacement of the Water Street Trestle No. 1 is currently in the 2018-2021 Alaska Statewide Transportation Improvement Program.

2. Projects that create jobs:

This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.

**Request for Fiscal Year 2021 State Funding for
Water Street Trestle No. 1 Replacement Project
Page 3**

3. Life, safety, health improvement projects:

The greater Water Street neighborhood (including Lund, Millar, Sayles, and Gorge Streets) can only be accessed via Water Street. As such this structure is critical to the safety of the area because when it is replaced it will provide fire department vehicle access to the neighborhood. Currently, the structure is weight restricted and will not support our fire department apparatus.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of this bridge. With 18 vehicle bridges under the jurisdiction of the City of Ketchikan, the majority of which are wooden, high maintenance structures, deferred maintenance is a major contributor to the need for this project. Wooden piling, caps, stringers and decking deteriorate at an increased rate given that Ketchikan receives approximately 13 feet of precipitation each year. As a result, City forces have not had adequate resources resulting in deferred maintenance.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve a critical corridor for commercial deliveries of goods (fuel oil, construction materials, etc.) to the greater Water Street neighborhood. The current weight limit restrictions imposed on the bridge hinder the delivery of goods to the neighborhood. Additionally, it is one of the access routes to the adjacent Ketchikan Gateway Borough and Legislative offices.
- **Infrastructure:** This project addresses a public infrastructure need in that it is a public bridge, and part of a public road system.
- **Public Safety:** This project improves the public safety of the greater Water Street neighborhood in that it will provide a critical corridor for emergency response and fire department vehicles that is currently unavailable due to weight limits.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential public services, including providing access to the Senior Center shuttle, school bus

**Request for Fiscal Year 2021 State Funding for
Water Street Trestle No. 1 Replacement Project
Page 4**

service, and Borough bus service.

Greater Ketchikan Community Request for Fiscal Year 2021 State Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@ktn-ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:

Sayles/Gorge Viaduct Replacement

• Expected completion date of December 2020

• Project timeline:

Site Survey and Geotechnical Investigation:

2018-2019

Engineering Design and Drafting:

2018-2019

Public Hearings and Final Permits:

2019

Bidding and Construction:

2020

PROJECT DESCRIPTION:
<p>This project will replace the deteriorated Sayles/Gorge Street Viaduct. This is a hybrid structure constructed from both concrete and timber components approximately 105 linear feet in length. Inspections conducted found structural deficiencies, pile foundation problems, rotted wooden members, deck panel deterioration, and lack of seismic stability. The last major reconstruction project on this structure was 37 years ago. It is situated on the edge of a steep cliff, and provides general and emergency vehicle access to 6 residential homes. The structure's weight restriction got reduced in January of 2018.</p> <p>On April 6, 2017 the Ketchikan City Council adopted Resolution No. 17-2652 approving a Memorandum of Agreement with the State of Alaska Department of Transportation and Public Facilities concerning the Ketchikan – Sayles/Gorge Street Viaduct (#1841) Improvement Project. Under the terms of the Memorandum of Agreement the City committed to expending \$269,998 or 10.4% of the total Project</p>

**Request for Fiscal Year 2021 State Funding for
Sayles/Gorge Viaduct Replacement
Page 2**

cost.

FUNDING PLAN

- State the total project cost estimate: \$2,600,000
- State funding already secured: \$ 0
- Requested State Funding: \$2,330,002
- Funding available from other sources: \$ 269,998 in City funds
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan is responsible for the ongoing operation and maintenance of this project.

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:

This project is part of an ongoing Rehabilitation/Replacement project of Ketchikan Bridges. It is included as one of the ten bridge structures identified for replacement within the Memorandum of Agreement executed with the State of Alaska Department of Transportation.

Replacement of the Sayles/Gorge Viaduct is currently in the 2018-2021 Alaska Statewide Transportation Improvement Program.

2. Projects that create jobs:

This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.

3. Life, safety, health improvement projects:

This structure is the sole access to 6 residential homes. As such this structure is critical to the safety of the area by providing emergency


vehicle and fire department vehicle access.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of this bridge. With 18 vehicle bridges under the jurisdiction of the City of Ketchikan, the majority of which are wooden, high maintenance structures, deferred maintenance is a major contributor to the need for this project. Wooden piling, caps, stringers and old concrete decking deteriorate at an increased rate given that Ketchikan receives approximately 13 feet of precipitation each year. As a result, the City cannot dedicate enough resources to this type of structure which results in deferred maintenance.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve the commercial deliveries of goods (fuel oil, construction materials, etc.) to the Sayles/Gorge Street neighborhood. The current weight limit restrictions imposed on the bridge hinder the delivery of goods to the neighborhood.
- **Infrastructure:** This project addresses a public infrastructure need in that it is a public bridge, and part of a public road system.
- **Public Safety:** This project improves the public safety of the neighborhood in that it provides critical access for emergency response and fire department vehicles.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential public services, including providing access to the Senior Center shuttle and school bus service.

Greater Ketchikan Community Request for Fiscal Year 2020 Funding

APPLICANT:	PROJECT PHOTO
<p>City of Ketchikan 334 Front Street Ketchikan, Alaska 99901 Karl R. Amylon, City Manager 907-228-5603 karla@city.ketchikan.ak.us Federal Tax ID : 92-6000082</p>	

PROJECT DETAILS:
<p style="text-align: center;">Dunton Street Viaduct Improvement</p> <ul style="list-style-type: none">• Expected completion date of December 2022• Project timeline:<ul style="list-style-type: none">Site Survey and Geotechnical Investigation: October 2021Engineering Design and Drafting: December 2021Public Hearings and Final Permits: January 2022Bidding and Construction: March 2022

PROJECT DESCRIPTION:
<p>This project will replace the deteriorated Dunton Street Viaduct. The structure is a hybrid constructed from both concrete and timber components approximately 500 linear feet in length. Inspections conducted found structural deficiencies, pile foundation problems, rotted wooden members, deck panel deterioration, and lack of seismic stability. The last major reconstruction project on this structure was 31 years ago. \$210,000 of Interim repairs were funded on an emergency basis by the City of Ketchikan in 2009. It is situated on the edge of a steep cliff, and provides general and emergency vehicle access to 15 residential homes.</p>

**Request for Fiscal Year 2020 State Funding for
Duntun Street Viaduct Improvement
Page 2**

FUNDING PLAN

- State the total project cost: \$4,800,000
- State funding already secured: \$0
- State the amount of the State funding request for this fiscal year \$4,800,000
- State the amount of funding available from other sources with an explanation where appropriate: \$500,000 represents local match plus contingency, subject to City Council Budget approval.
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The City of Ketchikan is responsible for the ongoing operation and maintenance of this project

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:
This project is part of an ongoing Rehabilitation/Replacement project of Ketchikan Bridges. It is included as one of the ten bridge structures identified for replacement within the Memorandum of Agreement executed with the State of Alaska Department of Transportation.
2. Projects that create jobs:
This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.
3. Life, safety, health improvement projects:
This structure is the sole access to 15 residential homes. As such this structure is critical to the safety of the area by providing emergency vehicle and fire department vehicle access.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of this bridge. With 18 vehicle bridges under the jurisdiction of the City of Ketchikan, the majority of which are wooden, high maintenance structures, deferred maintenance is a major contributor to the need for this project. Wooden piling, caps, stringers and old concrete decking deteriorate at an increased rate given that Ketchikan receives approximately 13 feet of precipitation each year. As a result, City forces have not had adequate resources resulting in deferred maintenance.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve the commercial deliveries of goods (fuel oil, construction materials, etc.) to the surrounding neighborhood. The current weight limit restrictions imposed on the bridge hinder the delivery of goods to the neighborhood.
- **Infrastructure:** This project addresses a public infrastructure need in that it is a public bridge, and part of a public road system.
- **Public Safety:** This project improves the public safety of the neighborhood in that it provides critical access for emergency response and fire department vehicles.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential public services, including providing access to the Senior Center shuttle and school bus service.

Greater Ketchikan Community Request for Fiscal Year 2021 Funding

APPLICANT:

City of Ketchikan
334 Front Street
Ketchikan, Alaska 99901
Karl R. Amylon, City Manager
907-228-5603
karla@ktn-ak.us
Federal Tax ID : 92-6000082

PROJECT PHOTO



PROJECT DETAILS:

South Tongass Highway Improvements Deermount to Saxman

- Expected completion date of December 2021
- Project timeline:
 - Site Survey and Geotechnical Investigation: October 2020
 - Engineering Design and Drafting: December 2020
 - Public Hearings and Final Permits: January 2021
 - Bidding and Construction: March 2021

PROJECT DESCRIPTION:

This project will reconstruct the roadway as well as related non-motorized facilities, as necessary, to improve safe movement of vehicle, bicycle, and pedestrian traffic on Stedman Street and South Tongass Highway. It is important to note that this road provides the only access to all points beyond Deermount Street. The project is about 2 miles in length and the first half is within the City of Ketchikan. The project begins at the intersection of Deermount Street and Stedman Street and ends approximately 0.2 miles before Totem Street in Saxman. The project includes pedestrian and bicycle improvements as needed throughout the project, with improved curb ramps to meet ADA standards as required according to the Alaska Preconstruction Manual.

**Request for Fiscal Year 2021 State Funding for
South Tongass Hwy Improvements Deermount to Saxman
Page 2**

FUNDING PLAN

- State the total project cost: \$15,220,000
- State funding already secured: \$0
- State the amount of the State funding request for this fiscal year \$15,220,000
- State the amount of funding available from other sources with an explanation where appropriate:
- This request is a one-time project, and no additional State funding is expected to be requested in the future

ONGOING OPERATION AND MAINTENANCE:

The State of Alaska is responsible for the ongoing operation and maintenance of this project

DETAILED PROJECT CRITERIA:

Describe how the project meets one or all of these criteria:

1. Projects that have already started and need to be finished:
This project is part of an ongoing Rehabilitation/Replacement project of Ketchikan Bridges. It is included as one of the ten bridge structures identified for replacement within the Memorandum of Agreement executed with the State of Alaska Department of Transportation.
2. Projects that create jobs:
This project is of sufficient size that it would likely exceed the local contractor supply for labor. As such, the creation of additional construction jobs will be needed to complete this project.
3. Life, safety, health improvement projects:
This roadway is the only link to critical infrastructure assets and operations including the US Coast Guard Base Ketchikan, the Crowley and Petro Marine tank farms, the US National, Oceanic and Atmospheric Administration and others as listed on Page 4.

PROJECT SUMMARY AND JUSTIFICATION:

These are suggested areas of focus based on prior funding cycles, which may be helpful in providing a summary of your project. Feel free to add or remove attributes as they apply to your project.

- **Deferred Maintenance:** This project will address deferred maintenance of this roadway and associated drainage facilities. This roadway has reached the end of its useful service life and is not maintainable with the current level of resources that exist here in Ketchikan. Due to the heavy rainfall erosion has undermined pavement in areas, and caused pavement failures due to lack of ground support. Patches have been made on top of patches in severely rutted sections of the road. Standing water on the road is a hydroplaning hazard. Guide rail end treatments are unsafe.
- **Transportation:** This project addresses an important transportation need for the community in that it will improve the commercial deliveries of goods (fuel oil, construction materials, etc.) to the surrounding neighborhoods. The current weight limit restrictions imposed on the bridge hinder the delivery of goods to the neighborhood.
- **Infrastructure:** This project addresses a public infrastructure need in that it is part of a public road system and it is a critical link in providing access to major parts of critical infrastructure for our island community, including the only cemetery and the only tank farm.
- **Public Safety:** This project improves the public safety of the southern part of Ketchikan in that it provides critical access for emergency response and fire department vehicles. It also corrects safety deficiencies of the existing roadway.
- **Investment in Future:** This project is an investment in the future of the greater community of Ketchikan in that it will provide construction jobs, improve existing infrastructure, and improve commerce within the community.
- **Support for Essential Services:** This project will aid in the delivery of essential public services as this road is the only access to the portion of the community south of the Deermount, critical and important facilities within the project include:
 - Tatsudas Grocery Store

**Request for Fiscal Year 2021 State Funding for
South Tongass Hwy Improvements Deermount to Saxman
Page 4**

- Community Connections Building
- Bayview Cemetery
- Petro Marine fuel tank farm
- National Oceanic and Atmospheric Administration Base
- United States Coast Guard Base
- Saxman Seaport

Critical and important facilities only accessible by traversing this project include:

- Fire Station #5
- Fawn Mountain Elementary School
- Mountain Point Harbor and Boat Launch
- Fire Station #4
- Hole in the Wall Harbor
- Herring Cove Fish Hatchery
- Whitman Lake Hydro Electric Station
- Silvis Lakes Hydro Electric Stations