

CITY OF UNALASKA
UNALASKA, ALASKA

RESOLUTION 2024-06

A RESOLUTION OF THE UNALASKA CITY COUNCIL IDENTIFYING THE CITY OF UNALASKA'S STATE PRIORITIES FOR FY25

WHEREAS, the City of Unalaska identifies its critical infrastructure needs by maintaining a yearly planning process called the Capital and Major Maintenance Plan with a planning horizon of ten (10) years; and

WHEREAS, these projects are vetted and approved by the City Council and then are shared with the Alaska State Legislature through the CAPSIS process for consideration of funding by the State Legislature during the Fiscal Year 2025 Legislative session; and

WHEREAS, Unalaska and the International Port of Dutch Harbor have been the number one commercial fishing port in the United States for poundage for more than 30 years and the industry in Unalaska positively impacts the economy of the State of Alaska in many sectors; and

WHEREAS, the City of Unalaska supports the commercial fishing industry and wants to maintain a thriving, sustainable infrastructure now and into the future.

NOW THEREFORE BE IT RESOLVED that the City of Unalaska hereby identifies its State Legislative Priorities as:

- | | |
|--|-------------|
| 1. Captains Bay Road - Waterline Extension | \$4,721,463 |
| 2. Robert Storrs Small Boat Harbor Improvements (A & B Floats) | \$3,500,000 |
| 3. Unalaska Marine Center & Light Cargo Dock Dredging | \$2,700,000 |
| 4. Tom Madsen Airport Terminal Building Upgrades, Planning/Engineering | \$500,000 |

BE IT FURTHER RESOLVED that the City of Unalaska hereby identifies its top capital project funding priority as the Captains Bay Road Waterline Extension Project.

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on February 27, 2024.

Vincent M. Tutiakoff, Sr.
Mayor

ATTEST:

Estkarlen P. Magdaong
City Clerk

MEMORANDUM TO COUNCIL

To: Mayor and City Council Members
From: William Homka, City Manager
Date: February 27, 2024
Re: Resolution 2024-06: Identifying the City of Unalaska's State Priorities for FY25

SUMMARY: Every year the City Council identifies, via resolution, the capital project priorities to place in the State Legislative queue which is called CAPSIS (Capital Project Submission and Information System). Our approach is to keep it simple and very straight forward. Legislators don't have the time to read a long resolution with information that they don't much care about. Our message gets to the point and explains our projects in CAPSIS and in the briefing memo which will be distributed to our delegation in Juneau prior to our visits there next month. You will recognize many of the projects that are contained in the resolution. You may wish to add or subtract projects as this is within your authority.

PREVIOUS COUNCIL ACTION: Council last adopted a State Priorities resolution in January 2023 identifying priorities at the time (Resolution 2023-04).

BACKGROUND: The outside influences on this resolution include what happens in Washington, because if you receive funding from the Federal Government it can be leveraged to obtain funding from the State Legislature. The legislature likes to see community participation as well. The City of Unalaska is fortunate in that it has money to participate. There are many communities in the state who cannot meet the match requirements of many grant programs. Also, just because we ask for money from State and Federal legislative and congressional processes does not mean we are not also looking for grants.

DISCUSSION: The following projects were last year's priorities:

FY24 (Last Year) Project Priorities

1. Captains Bay Road, Phase 1	\$7,000,000
2. Airport Terminal Building Planning and Engineering	\$500,000
3. Electrical Interconnection Project (Federal allocation \$2.5M)	\$3,200,000
4. Unalaska Marine Center & Light Cargo Dock Dredging	\$2,700,000
5. Robert Storrs Small Boat Harbor Improvements	\$3,500,000

For FY25, the following four projects were entered in CAPSIS, as the deadline was February 16, 2024. It is suggested that Resolution 2024-06 contain the same list of state legislative priorities.

FY25 (Current Year) Project Priorities

1. Captains Bay Road - Waterline Extension	\$4,721,463
2. Robert Storrs Small Boat Harbor Improvements (A & B Floats)	\$3,500,000
3. Unalaska Marine Center & Light Cargo Dock Dredging	\$2,700,000
4. Tom Madsen Airport Terminal Building Upgrades, Planning/Engineering	\$500,000

Attached to this memo are the project descriptions entered in CAPSIS.

ALTERNATIVES: Council may choose to add or subtract projects, as well as modify the top funding priority.

FINANCIAL IMPLICATIONS: There are critical issues happening in the commercial fishing industry that will ultimately impact revenue streams for the City of Unalaska. There are also projects for which the city needs funding assistance.

LEGAL: No legal review required.

STAFF RECOMMENDATION: Staff recommends approval of this resolution, along with direction on Council's top funding priority.

PROPOSED MOTION: I move to adopt Resolution 2024-06. An amendment may be in order if Council wishes to change the top capital project funding priority.

CITY MANAGER COMMENTS: I support the staff recommendation.

ATTACHMENTS: CAPSIS Project Submissions

1. [Captains Bay Road - Waterline Extension](#)
2. [Robert Storrs Small Boat Harbor Improvements \(A & B Floats\)](#)
3. [Unalaska Marine Center & Light Cargo Dock Dredging](#)
4. [Tom Madsen Airport Terminal Building Upgrades, Planning/Engineering](#)

Project Title: Unalaska - Captains Bay Road Waterline Extension

TPS Number: 59616

Priority: 1

Agency: Commerce, Community and Economic Development
Grants to Municipalities (AS 37.05.315)

Grant Recipient: Unalaska

FY2025 State Funding Request: \$4,721,463

One-Time Need

Brief Project Description:

This project will extend watermain along Captains Bay Road in Unalaska to allow the City to provide continuous water service to all customers (residential, industrial, etc.) and properly maintain current water storage infrastructure. This project would allow the City to decommission a WWII era wood stave waterpipe that is estimated to leak 78.8 million gallons of treated water a year.

Funding Plan:

Total Project Cost:	\$5,907,863
Funding Already Secured:	(\$1,186,400)
FY2025 State Funding Request:	(\$4,721,463)
Project Deficit:	\$0

Explanation of Other Funds:

In May 2022 the City of Unalaska appropriated \$800,000 to be used for construction in 2024. The original source of funds was the American Rescue Plan Act (ARPA) of 2021.

2022, Dec. - \$386,400 - Denali Commission Grant received for design.

2023, Feb. - \$3,621,463 - Current CAPSIS request to provide balance of funds to complete this project.

Detailed Project Description and Justification:

Unalaska's water system can not run at full capacity since its 2.6 million, 38' tall Pyramid Creek Storage Tank must maintain water level of 29' to provide water to the North Pacific Fuel (NPF) area along Captains Bay Road. NPF is served by an antiquated 6" wood stave pipe that is in poor condition. The wood stave service pipe tees from the Pyramid Creek mainline, travels over a hill, and then down the Pyramid Creek Valley to serve NPF. The crest of the hill along the pipe's route is near the 29' elevation of the 38' water storage tank, resulting in the need for the water tank's water level to be maintained at 29' or higher to maintain sufficient water pressure to serve the NPF area. This results in useful storage capacity to be 1/3 third of the storage tank's capacity. Additionally, the WWII era wood stave pipe leaks at a rate of 150 gallons per minute or 216,000 gallons per day or 78.8 million gallons per year which adds stress and expense to the City's water system.

This project will provide the balance of the funds that are needed to construct a 6,000 lineal foot water main extension from Westward Seafood to NPF with 16" ductile iron pipe along Captains Bay Road to allow NPF to be served by the City's main distribution network. This will allow the City to utilize the full capacity of the existing Pyramid water storage tank as well as give us the ability to maintain this tank properly. Additionally, this improvement will ensure continuous water service to all industrial, commercial and residential customers. The existing leaking WWII era wood stave service pipe will be abandoned once the new water main extension is commissioned.

In May of 2022 City Council designated \$800,000 towards the Captain's Bay Road Waterline extension project. The original source of these funds was from American Rescue Plan Act (ARPA) of 2021. In 2022 the City applied to the Denali Commission to partially fund the design and construction of this project. The Denali Commission granted the City \$386,400 in December of 2022 for the design of this project. Currently the City is requesting the Legislature to provide the balance of the funds required to construct and complete this project.

Project Timeline:

2022 - \$800,000 City Appropriated funds to be used for construction in 2024

2022 - \$386,400 Denali Commission Grant received for design - Underway

2023 - Design and permitting to be completed (May 2023)

2025 - \$4,721,463 Balance of funds to be used for construction

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Unalaska - Department of Public Utilities

Grant Recipient Contact Information:

Name: William Homka
Address: 43 Raven Way
Unalaska, AK 99685
Phone Number: (907)581-1251
Email: bhomka@ci.unalaska.ak.us

This project has been through a public review process at the local level and it is a community priority.

Community Description

The City of Unalaska is located on Unalaska and Amaknak Islands in Alaska's western Aleutian Islands where the Pacific Ocean and its international shipping lanes meet the rich fishing grounds of the Bering Sea. Unalaska's Port of Dutch Harbor is the country's largest fishing port in terms of quantity of fish landed (763 million pounds in 2019) and second in monetary value of fish caught. The City has a diverse, multicultural resident population whose diversity is enhanced by thousands of seasonal fisheries workers representing many different nationalities. Unalaska's 2020 population was 4,432 full-time residents. During the peak fishing seasons, the population increases by 5,000 to 6,000 people.

The City's water system provides fresh, clean drinking water for household use as well as the many fish processing facilities. At peak usage during Unalaska's two processing seasons, the City provides up to 7 million gallons per day (MGD) of water. The Pyramid Water Treatment Plant and Storage Tank (Figure 1),



located in the mountains above town, is the City's primary water source. This storage tank provides disinfection, emergency, and operational water storage and maintains even water pressure throughout the City. Water from the tank flows downhill and into town via a 24-inch-diameter water transmission pipe that is buried along Pyramid Creek Road (see Appendix A). The City also has

Figure 1: Pyramid Creek Water Storage Tank (credit HDR)

ground water wells that can provide approximately 3.5 MGD of water on a temporary basis if the turbidity of the City's water reservoir is too high to allow water treatment or the plant and/or storage tank require maintenance.

Problem Statement

Approximately 1/3-mile downstream of the Pyramid water storage tank, is a 6" wood stave service connection that branches to the North Pacific Fuel (NPF) facility located on Captains Bay Road. This connection provides water for eight residential units, vessels, dock, and fire protection for the entire industrial area including a fuel tank farm. This is the only service line that connects these users. When this service pipe or the storage tank needs maintenance, these users must truck in potable water since the ground water wells cannot be used due to distribution system layout and pressure limitations.

The wood stave pipe was installed during World War II and was intended as a temporary measure. The wood stave pipe that serves NPF is at least 50 years past its useful design life and requires frequent repair. The pipe leaks at a rate of approximately 150 gallons per minute, or up to 216,000 gallons per day. This is over twice the daily residential water demand for the entire community. Replacing this pipe would eliminate the leaking problem. It would also provide a noticeable benefit to the City's water supply. During times of limited precipitation and higher water demands, the raw water stores in Unalaska can dwindle



Figure 2: Leaking wood stave pipe connection to NPF (credit City of Unalaska)

inspections, sediment cleaning, tank repair, and other essential maintenance

while distributing water to the customers currently being served by the existing 75-year-old 6" wood stave service pipe. Since there is no way to take the tank offline while providing continuous water to all its residential and industrial customers, the City has considered constructing a second tank at considerable cost to allow maintenance of the existing tank.

Project Description and Benefits

This project will design and construct a 16-inch water pipeline from Westward Seafoods along Captains Bay Road to NPF to replace the existing failing wood stave pipe and will allow the City to utilize the full capacity of the existing Pyramid storage tank as well as give the City the ability to maintain this tank properly while at the same time providing continuous water service to our industrial customers.

Project Impact/Value Statement "Solving this need is the single most important step forward that the City could take for its water system in the next 20 years." 2017 Water System Master Plan

The full potential of the Unalaska water system is hydraulically limited due to the existing wood stave pipe serving the NPF facility. A water line extended along Captains Bay Road to NPF will improve the hydraulic operation, failure resiliency, and operational flexibility of the entire Unalaska water system.

to concerning low levels. The water currently being lost to pipe leaks would be available to other users, reducing the need for water conservation notices.

The current routing of the wood stave pipe is also problematic. This pipe is routed over a hill and then down a steep slope to the NPF facility along Captains Bay Road. The top of this hill is nearly at the same elevation as the middle of the water storage tank.

In order to provide water service with adequate pressure, the water level in the Pyramid tank must be maintained at least approximately 75 percent full at all times (Figure 3).

The Pyramid storage tank is 38 feet tall. By having to maintain the water level above 29 feet, the useful storage is only 25-30 percent of the tank's full volume. Consequently, a large amount of treated water in the tank can't be used. This limitation creates additional problems for the City because it is impossible to drain the tank for required

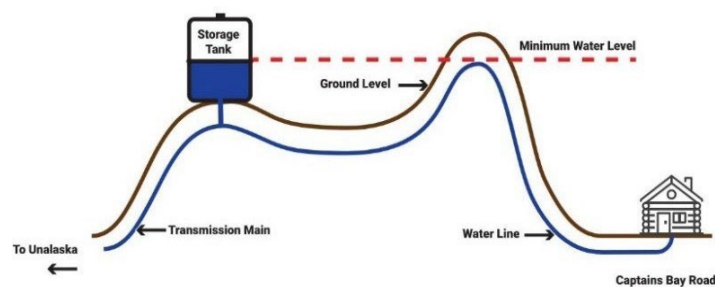


Figure 3: Hydraulic Restriction on the Storage Tank

Unalaska Denali Commission Grant Application

The 2003 and 2017 City of Unalaska Water Master Plans have suggested additional water storage installation. A new pipe along Captains Bay Road to NPF would allow the Pyramid Water Tank to be operated down to 8 feet, making an additional 1.5 million gallons of stored water available for operational demands, fire flow, and emergency use throughout the city. Freeing 1.5 million gallons of existing storage capacity by installing the new pipe along Captains Bay Road means that 1.5 million fewer gallons of new storage capacity must be installed elsewhere.

Replacement of the water line would eliminate the need to install a second storage tank on Pyramid Creek Road and eliminate leakage from wood stave water line. An engineering report of a proposed second tank at the Pyramid Water Treatment Plant estimated construction costs to be \$11.8 million in 2022 dollars, with an additional \$3.8 million in additional operations and maintenance costs over 30 years. The utility estimates that the current water line leaks approximately 80 million gallons per year, which incurs a monetary loss of the leaked water as well as a higher chance of water restrictions to the served population. The estimated value of that leaked water over 30 years is around \$6.3 million. Over 30 years, this project would save approximately \$22 million dollars by allowing the utility to save both capital funds for other needed improvement projects and reduce wasted water through leakage, which improves the availability of the City's limited raw water resource.

The Project is estimated to cost approximately \$4.8 million. After the new water pipe is operational, the existing 6-inch wood stave pipe to NPF will be disconnected from the large-diameter water transmission pipe along Pyramid Creek Road and abandoned. This project would save the utility and community over \$22 million dollars, improve the operational flexibility and resiliency of the water distribution system, and improve the availability of water to all of Unalaska.

Scope of Work and Schedule

Table 1: Work Tasks, Schedule, Description and Deliverables

Task	Schedule	Description	Deliverables
Project Design	Jan 2023- Aug 2023	Consultant will perform all engineering and geotechnical studies to locate the water line along Captains Bay Road.	Geotechnical report and final design drawings.
Permitting and Public Outreach	Feb 2023- Aug 2023	Consultant will secure all necessary permits, NEPA documentation and support the City's stakeholder outreach activities.	Local Land Use Permits, ADEC Approval to Construct, NEPA Documentation (CE or EA), Section 106 Review, support responses to stakeholder and agency comments.
Waterline Construction	Aug 2023- Feb 2024	Contractor will be selected through a competitive bid to construct the new water line and abandon the old wood stave pipe.	Construct new waterline and abandon old wood stave pipeline. Fully functioning 16' water line from Westward Seafoods and NPFs.
Wood Stave Service Line Abandonment	Feb 2024- Mar 2024	Decommission wood stave pipeline, move NPF meter to new waterline, disconnect both ends of wood stave pipe.	Abandoned wood stave pipeline in place.
Project Closeout	Mar 2024- Jul 2024	As built survey, final ADEC approvals. Grant closeout	As built drawings, ADEC final approval to operate, grant close out.

Unalaska Denali Commission Grant Application

Organization, Capacity, and Delivery Method

Unalaska has an annual budget of approximately \$90 million. The City has a 12-person Finance Department including a Project Management Fixed Asset (PMFA) accountant. This position is responsible for making sure all grant requirements have been met and grant-related expenditures are documented and properly supported. All grant funds will be expended on contractor services with no City personal services, administrative, equipment or supply charges assessed to the grant.

The City's 67 person Public Works Department and Public Utilities Department have in-house engineering and utility operations expertise to manage the technical aspects of this project. The Public Works Director will have overall project management responsibilities. Contracts for preliminary engineering and NEPA documentation have been awarded through a competitive professional services request for proposals. Final design and NEPA documentation contracts will follow Unalaska's Procurement Policy. The construction contract will be awarded through a competitive bid. The project will be completed through a Design, Bid, Build process. See Appendix B for key staff resumes.

Partnerships and Leveraged Funds

Providing a secure and safe water supply is critical to Unalaska's fish processing industry and the community. Recognizing the importance of developing a resilient water utility system, the City prepared Water System Master Plans in 2003 and 2017 to provide a roadmap to address Unalaska water needs. Significant public outreach during these planning efforts led to substantial community support to modernize and expand Unalaska's water system and services. The replacement of the remaining wood stave pipe system and the full utilization of the Pyramid Valley Water Storage Tank has long been a community priority identified in these master plans.

City of Unalaska
CAPTAINS BAY ROAD - WATER MAIN EXTENSION
Construction Cost Estimate

SCHEDULE OF WATER MAIN QUANTITIES AND ESTIMATED PRICES					
Item	Pay Item	Water Main Totals			
		Pay Unit	Unit Price	Qty	Extension
SEGMENT 2 - WSI through NPF					
301	Aggregate Surface Course	Ton	\$50	3,100	\$155,000
301(x)	Aggregate Bedding Material	Ton	\$50	7,500	\$375,000
627(1a)	16" Ductile Iron Water Conduit, Class 52	LF	\$240	6,040	\$1,449,600
627(3)	Install Valve Box	EA	\$1,000	5	\$5,000
627(5)	Fire Hydrant Installation	EA	\$12,000	3	\$36,000
627(8)	Water Service Connection	EA	\$4,000	4	\$16,000
627(9a)	Install 8" Gate Valve	EA	\$6,000	1	\$6,000
627(9b)	Install 12" Gate Valve	EA	\$9,000	1	\$9,000
627(9c)	Install 16" Butterfly Valve	EA	\$12,000	3	\$36,000
627(x)	16" Blowoff Pipe	LS	\$80,000	1	\$80,000
627(x)	Connect to Existing Water Main	EA	\$12,000	1	\$12,000
627(x)	Water Chlorine Monitoring Facility w/ SCADA, Yard Hydrant	LS	\$350,000	1	\$350,000
627(x)	Bridge Crossing	LS	\$80,000	1	\$80,000
640(1)	Mobilization/Demobilization	LS	\$500,000	1	\$500,000
640(4)	Worker Meals and Lodging, or Per Diem	LS	\$100,000	1	\$100,000
641(1)	Erosion and Pollution Control Administration	LS	\$10,000	1	\$10,000
641(2)	Temporary Erosion, Sediment and Pollution Control	LS	\$40,000	1	\$40,000
642(1)	Construction Surveying	LS	\$90,000	1	\$90,000
643(2)	Traffic Maintenance	LS	\$140,000	1	\$140,000
646(1)	CPM Scheduling	LS	\$10,000	1	\$10,000
CONSTRUCTION COST ESTIMATE TOTAL SEGMENT 2 - WSI through NPF					\$3,344,600

Construction Cost	\$3,344,600
Contingency 15%	\$501,690
Subtotal	\$3,846,290
Design Engineering (10%)	\$384,629
Construction Management / Inspection (15%)	\$576,944
Grand Total	\$4,807,863



Captain's Bay Road Waterline Extension

- Water Mains
- Water Service-To Be Abandoned
- Proposed Waterline



Project Title: Unalaska - Robert Storrs Small Boat Harbor Improvement (A and B Floats)

TPS Number: 65610

Priority: 2

Agency: Commerce, Community and Economic Development
Grants to Municipalities (AS 37.05.315)

Grant Recipient: Unalaska

FY2025 State Funding Request: \$3,500,000

One-Time Need

Brief Project Description:

The Robert Storrs Small Boat Harbor Improvement Project is an entire float replacement for the aging, previously State-owned float system. This is a Tier 1 project. Unalaska City Council has identified this project as a key project funding priority.

Funding Plan:

Total Project Cost:	\$10,195,000
Funding Already Secured:	(\$6,695,000)
FY2025 State Funding Request:	<u>(\$3,500,000)</u>
Project Deficit:	\$0

Explanation of Other Funds:

As of FY22, the City has appropriated a total of \$6,695,000 for initial scoping and design, and a portion of the construction cost.

Detailed Project Description and Justification:

This project qualifies as a Tier 1 project under the AK Department of Transportation & Public Facilities Harbor Matching Grant Program. This project would include replacing deteriorated floats and reconfiguring floats and fingers of A and B Float to include updated electrical, year-round water, a fire suppression system, a public restroom, public parking and ADA required gangways. Current engineering concepts allow for 30 additional slips to accommodate the waiting list and the reconfiguration will allow for uplands development for much needed parking and public restrooms. The existing floats were an old float system that the State divested. Because of this, the floats were configured in a manner that worked with existing material. The layout is not the best use of the basin and has limited access (navigational) and minimal moorage opportunity. The floats are at the end of their useful life, they are over 40 years old. Replacing the floats would provide an opportunity to bring the Harbor up to code and maximize the mooring opportunity for small commercial fishing boats, charter boats, local users and tourists. The City was granted additional submerged tidelands from Alaska Department of Natural Resources for the expanded layout. This project was vetted through a thorough public process; permit applications are being prepared; and bid documents for a design/build construction project are being developed. The Harbor Matching Grant Program funded part of replacement of the Robert Storrs Harbor Discovery Float in 2015. This is the final stage of this Tier 1 project.

Project Timeline:

The Robert Storrs Harbor A & B Floats concept "scoping" was completed in 2013. Geotechnical data was taken and analyzed for the concept layout. The timeline for construction for A and B Floats is anticipated for the spring of 2025. Permitting applications are in process, as is the RFP for the design/build bid documents. If this project has not secured the funding for construction in FY25, it is likely the harbor will be closed until funding can be secured.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Unalaska - Port of Dutch Harbor

Grant Recipient Contact Information:

Name: William Homka
Address: 43 Raven Way

Unalaska, AK 99695

Phone Number: (907)581-1251

Email: bhomka@ci.unalaska.ak.us

This project has been through a public review process at the local level and it is a community priority.

Project Title: Unalaska - Unalaska Marine Center and Light Cargo Dock Dredging

TPS Number: 66645

Priority: 3

Agency: Commerce, Community and Economic Development
Grants to Municipalities (AS 37.05.315)

Grant Recipient: Unalaska

FY2025 State Funding Request: \$2,700,000

One-Time Need

Brief Project Description:

This project is to dredge submerged lands in front of the Unalaska Marine Center Dock and Light Cargo Dock adding depth at the dock face. This dredging is to allow larger, deep-draft vessels, from container ships to cruise ships, to utilize the docks. that will call these facilities upon completion of the USACE Entrance Channel Dredging Project.

Funding Plan:

Total Project Cost:	\$5,354,145
Funding Already Secured:	(\$2,654,145)
FY2025 State Funding Request:	(\$2,700,000)
Project Deficit:	\$0

Explanation of Other Funds:

As of FY22, the City had appropriated a total of \$109,650 for limited initial scoping and design. In FY24, in anticipation of funding for the USACE Engineers Entrance Channel Dredging Project the City of Unalaska City Council appropriated an additional \$2,544,495 and of that Council awarded \$497,000 for completion of the geotechnical investigation, bathymetry, and design for this dredging project.

Detailed Project Description and Justification:

The dredging for the Unalaska Marine Center (UMC) and the Light Cargo Dock (LCD) is one of several projects that were developed to enhance commerce and safety for deep draft vessels in Dutch Harbor proper. In 2019 The City of Unalaska completed the renovation of Unalaska Marine Center (UMC) in preparation for deeper-draft cargo vessels. The renovation project of this industrial dock extended crane rails, added gantry crane infrastructure, fuel headers, and increased load capacity. The depth at the UMC dock face currently ranges from -38 to -40 feet. In 2019, the Corp of Engineers began the feasibility for Dredging the Entrance Channel into Dutch Harbor to -58 feet, currently at -43 feet. The USACE project is to accommodate the passage of deep-draft vessels to the cargo facilities inside Dutch Harbor. The dredging at UMC and LCD marries the USACE dredging and the UMC renovation projects together to meet the demands for deep-draft cargo operations. The UMC and LCD dredging project will bring the water depth at the face of UMC to -45' MLLW making it truly deep draft and operational for the deep draft vessels soon to navigate through the entrance channel. The dredging project for UMC and LCD have been earmarked and waiting for the approval of Congressional funding for the USACE entrance channel dredging so these projects could work in concert and recognize some efficiencies by sharing resources and the permitting processes. Congressional funding has been received for the USACE Entrance Channel Dredging project and in concert the City of Unalaska is moving forward with the UMC and LCD Dredging project. The Light Cargo Dock will be dredged to -35' and will then accommodate a wider range of fuel vessels, cargo vessels and catcher-processors. The Light Cargo Dock serves as a gear transfer dock and overflow for vessels not able to confirm space at UMC. The Light Cargo Dock, currently at -23 feet, will be dredged to -35 which is the maximum depth for the dock as designed and constructed. UMC will be dredged to -45 feet in order to accommodate deep-draft container ships and tankers. The UMC and LCD Dredging Project includes costs for the geotechnical work, bathymetry studies, permitting, means of dredging, disposal site, mobilization and demobilization and construction.

Project Timeline:

It is estimated that the dredging project for the Unalaska Marine Center and the the Light Cargo Dock will coincide with the timing of the USACE Dredging to begin in the fall of 2024.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

City of Unalaska - Port of Dutch Harbor

Grant Recipient Contact Information:

Name: William Homka
Address: 43 Raven Way
Unalaska, AK 99685
Phone Number: (907)581-1251
Email: bhomka@ci.unalaska.ak.us

This project has been through a public review process at the local level and it is a community priority.

Project Title: Unalaska - Tom Madsen Airport Terminal Upgrades: Planning and Engineering

TPS Number: 68140

Priority: 4

Agency: Commerce, Community and Economic Development
Grants to Municipalities (AS 37.05.315)

Grant Recipient: Unalaska

FY2025 State Funding Request: \$500,000

Future Funding May Be Requested

Brief Project Description:

This funding request is to begin the planning, engineering, and design for rehabilitation and expansion of the Tom Madsen Airport Terminal. The Tom Madsen Terminal is constructed on State land and the improvements will be planned, engineered and designed in support of the State Airport Master Plan.

Funding Plan:

Total Project Cost:	\$500,000
Funding Already Secured:	(\$0)
FY2025 State Funding Request:	(\$500,000)
Project Deficit:	\$0

Explanation of Other Funds:

This is a new project

Detailed Project Description and Justification:

This funding will start the planning, design and engineering of the Tom Madsen Terminal Building Upgrades and Expansion. The State of Alaska funded an Airport Master Plan update in 2020/2021. Identified areas of concern included capacity and bottlenecks for movement of passengers and baggage; security; inefficiencies in energy use; and aircraft parking on the tarmac side. The building has not kept up with the modernization of air transportation even at a rural level. This building has served Unalaska since the late 1980s and realistically will need to be addressed in order to maintain productive air service to and from Unalaska. These start up funds will lay the groundwork for planning, to include a public process. Construction is several years out.

Project Timeline:

The City will put out to bid the planning process for this project within the same fiscal year funding is approved

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

The City of Unalaska

Grant Recipient Contact Information:

Name: William Homka
Address: 43 Raven Way
Unalaska , AK 99685
Phone Number: (907)581-1251
Email: bhomka@ci.unalaska.ak.us

This project has been through a public review process at the local level and it is a community priority.