



**CITY OF WHITTIER
TEN-YEAR (2027 – 2036)
CAPITAL IMPROVEMENT PLAN**

SUMMARY 2027/2028 CAPITAL COSTS BY FUNCTION:			
		Two-Year	Ten-Year
Council and Admin (#1 -2; Pages 4-5)		\$ 115,000	\$ 115,000
Economic Development (#3-13; Pages 6-16)		21,400,000	143,488,000
Parks (#14-33; Pages 17-29)		1,981,260	6,537,567
EMS (#34-38; Pages 30-32)		852,000	1,037,400
Fire (#39-46; Pages 33-35)		160,000	1,823,970
Police (#47-52; Pages 36-39)		180,000	803,394
Public Works (#53-71; Pages 40-52)		1,000,000	51,916,749
Water and Sewer (#72-81; Pages 53-63)		660,000	54,678,028
Harbor (#82-100; Pages 64-82)		900,000	131,258,717
Delong Dock (#101-102; Pages 83-84)		56,168,008	56,168,008
Safety Action Plan (#103-115; Pages 85-90)		362,584	10,439,364
		\$ 83,778,852	\$ 458,266,197
TOTAL TEN-YEAR PROJECT COSTS BY YEAR FROM 2027-2036			
	2027	\$ 14,139,520	
	2028	\$ 69,639,332	
	2029	49,347,455	
	2030	42,356,140	
	2031	75,846,301	
	2032	21,360,744	
	2033	85,340,548	
	2034	66,985,032	
	2035	4,245,565	
	2036	29,005,562	
		\$ 458,266,197	

Updated: 10/14/2026

The following projects were **COMPLETED** in 2025/2026:

Admin Projects:

Cyber Security Upgrades	\$ 64,693
Safety Action Plan	\$ 102,000

Harbor Projects:

Float/Piling Replacement (A G H) and Other	\$ 8,000,000
Parking/campground pay stations	\$ 21,000
Harbor Boardwalk lighting upgrades	\$ 150,000
Launch Ramp LED lighting replacement	\$ 65,000

Water:

New water wells and automation	\$ 3,130,000
Lead line inventory	\$ 10,000

Parks and Recreation:

Playground equipment	\$ 50,000
Local trail maintenance 2025 / 2026	\$ 67,500
Trailhead bear-resistant trash cans	\$ 10,000
Kayak racks	\$

Public Safety:

Police ALMR radios	\$ 92,791
Relocate tsunami warning equipment	\$ 40,000

Public Works:

Lift Station #5 Replacement	\$ 2,410,000
Relocate tsunami warning equipment	\$ 49,380
Road grader	\$ 477,027
Shotgun Cove Road construction to Mile 3.0 2025	\$ 3,974,486
Shotgun Cove Road construction to Mile 3.0 2026	<u>\$ 3,287,267</u>

Total value of 2025/2026 completed projects: \$22,001,144

*The following projects are **ADDED** to the CIP in 2027/2028:*

Council and Admin:

Strategic/Comprehensive Plan (2027) \$ 80,000

Harbor Projects:

Rate Study (not in CIP; in Operating Budget) \$ 30,000

Water/Sewer Projects:

Water/Sewer Classification Plan/Rate Study \$ 50,000

Water/Sewer Master Plan \$ 200,000

Water/Sewer dup lines on Glacier to residential housing, plus

Water/Sewer lines to new Whittier City Park \$ 2,880,000

EMS Department:

Ambulance gurney \$ 12,000

Vehicle repairs \$ 18,000

Fire Department:

Water Tanker Truck (timing depending on grant funding) \$ 850,000

Vehicle repairs \$ 59,000

ALMR radios \$ 55,000

Paratech inline relief valves, etc. \$ 16,000

Public Works:

Equipment Repairs \$ 40,000

Road work related to W Whittier Street utility connection to Harbor \$ 75,000

Local road work; economies of scale with SOA paving \$ 150,000

Parks and Recreation:

Ice Rink and Sledding Hill (per Legislative Priorities list) \$ not determined

Safety Action Plan:

Various Projects (see pages 85-90) \$ 362,584

Approx. total value of 2027/2028 added projects: \$4,877,584

CITY OF WHITTIER
COUNCIL AND ADMIN
2027 – 2036 CAPITAL IMPROVEMENT PLAN

1. PSB baby changing station, water fountain	\$ 35,000	2027
2. Strategic/Comprehensive Plan	80,000	2027
10-Year Total:	<u>\$ 115,000</u>	

1. COUNCIL & ADMIN: PSB Restroom Baby Changing Stations, Water Fountain

Certain members of Council requested additional improvements to the Public Safety Building on the 3rd floor where City Council meetings are held. These improvements include the addition of baby changing stations to restrooms, and installation of a water bottle refill station which is an environmentally friendly alternative to reduce waste.

Estimated Cost: ROM estimate is \$35,000

Recommended Funding: General Fund

2. COUNCIL & ADMIN: Strategic/Comprehensive Plan

The City last updated the Comprehensive Plan in 2019. An update to the Strategic Plan is necessary to address the addition of a new cruise ship dock and terminal, the possible transfer of the Alaska Railroad Lands to the City, recent completion of the Waterfront and Economic Development Plan, the Safety Action Plan and the Whittier Transportation Plan, and other major initiatives that can materially impact the City's direction and priorities.

Estimated Cost: ROM estimate is \$80,000

Recommended Funding: General Fund

CITY OF WHITTIER
ECONOMIC DEVELOPMENT
2027 – 2036 CAPITAL IMPROVEMENT PLAN

3. Funding to remove Junk	\$ 120,000	various
4. Purchase 6 dumpsters	110,000	various
5. Purchase ARRC Lands	4,500,000	2027
6. Buckner Building Contamination Mitigation	34,820,000	various
7. Military Museum/Multi-Agency Facility	16,000,000	2028
8. Head of Bay Access Road	4,320,000	2029
9. Head of Bay Parking/Launch Ramp	4,024,800	2030
10. GIS & Survey Shogun Cove Parcels	1,482,000	2031
11. Develop EE/Resident Housing	37,200,000	2031
12. Shakespeare Creek Fish Viewing	<u>911,200</u>	<u>2032</u>

10-Year Total: \$103,488,000

3. ECON DEVELOPMENT– Beautification - Remove Derelict Vessels, Clean-up Abandoned Equip, Tires,

A primary goal of the Whittier Comprehensive Plan is to clean up both public and private property to beautify Whittier and better enforce City land and lease regulations. In anticipation of near-term growth, City staff will focus on identifying areas for potential clean-up, develop options for clean-up and disposal of junk, derelict vessels and autos and investigate the advisability of an amnesty program to incentivize property clean-up earlier rather than later.

Estimated Cost: \$120,000 or $\approx$ \$25K - \$35K annually over a 4-year period

Recommended Funding: General Fund and CPV

Status of the project: 2023 saw removal of junk from City harbor property and clean-up of the boneyard with surplus sale of old City equipment. During 2026, the City has cleared land at Tank Farm Property to allow lessees (only) to lease land to relocate connex trailers and items currently stored on leased properties (in conflict with lease provisions). This effort enhances beautification as well as compliance with City lease agreements.



4. ECON DEVELOPMENT– Purchase dumpsters and trash receptacles

The City spends more than \$140,000 on disposal of solid waste from the harbor district annually. This includes dumpster rental fees. A cost analysis shows the City will recover investments in dumpsters in less than four years when it no longer pays dumpster rental fees. By owning its own dumpsters, the City can also paint or beautify them to enhance visual appeal.

Estimated Cost: \$110,000 over ten years (with \$50,000 in 2027)

Recommended Funding: General Fund and CPV

Status of the project: Staff have solicited price quotes and freight charges

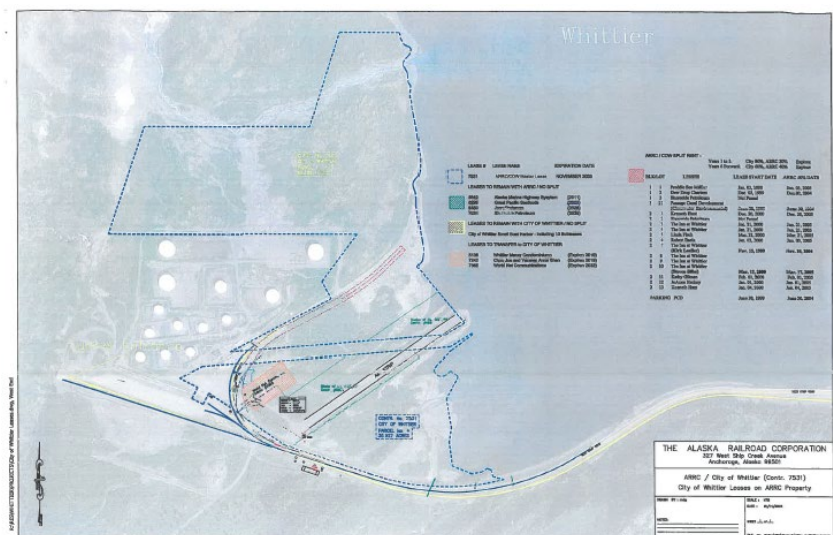
5. ECON DEVELOPMENT– Acquisition of Non-Essential Lands from ARRC

The US Army departed Whittier in 1960. The City of Whittier was incorporated in 1969. In 1985 the federal government transferred the Railroad to the state-owned Alaska Railroad Corporation (ARRC), including not only the rail and dock facilities, but also undeveloped land surrounding these properties, unrelated to operating a Railroad. These valuable Whittier lands serve primarily to generate lease revenues for ARRC. Due to the Railroad's substantial land holdings in Whittier, all of which is operated on a tax-exempt basis and generates no tax base to the community, Whittier has no self-determination. Railroad land ownership results in little to no tax base, no payment of fees or revenue sharing to the City, and imposes burdens on the community because of the Railroad's tax-exempt status.

Estimated Cost: up to \$4.5 million

Recommended Funding: City / Other

Status of the project: The Alaska State Legislature unanimously passed House Bill 216 which became law on July 3, 2026, authorizing the sale of land from the Alaska Railroad to the City of Whittier. This effort followed the Whittier City Council passage of Resolution 2024-022 on July 23, 2024. The Alaska Railroad legal department is reviewing the initial draft of a Memorandum of Agreement to solidify the details of the sale between the City and the Railroad. In October 2026, the City is undergoing a third-party appraisal of Whittier land. The Alaska Railroad performed a previous appraisal which determined the parcels currently slated for sale, at a value of approximately \$4.5 million.

[illegible]

6. ECON DEVELOPMENT– Buckner Building Demolition/Remediation

The Buckner Building is considered a mega-Brownfield contaminated site which requires a multi-layered approach to assess and mitigate hazardous materials, remove and dispose of PCBs, asbestos, mercury, demolition materials, clean-up site and repurpose and reuse the site.

Estimated Cost: \$34,820,000

Recommended Funding: ADEC, EPA, Other Grants

Status of the project: The City has authorized a contract with Nortech Inc to provide qualified environmental professional and project management services. This contract will support an EPA-approved work plan including site assessment, cleanup planning, regulatory coordination and related activities. Previously, the City completed: Property Assessment and Cleanup Plan (April 2015), Structural Assessment for Remedial Design (January 2016), Brownfield Assessment and Cleanup Plan (December 2017) and UST Closure Assessment (December 2017). The City has been awarded grants of \$820,000 (assessment and cleanup grant) and a \$5 million CDS grant.



7. ECON DEVELOPMENT– Military Museum/Multi-Agency Facility

The Prince William Sound Museum is currently located in a 1200 square foot space donated by the Shen family at the Anchor Inn. The museum is considered one of the top 10 “must see” Alaskan museums by Alaska Magazine and “an outstanding museum experience” by the Milepost. The museum includes more than 30 exhibits telling the story of Whittier’s unique Alaskan history as a military port and rail terminal, and includes reflections on Alaska’s military heritage during World War II and the Cold War.

The City has held charettes with USFS and others, to identify opportunity for a multi-agency facility that would serve the City’s needs and the Forest Service’s needs in Whittier. The City has been working with our federal delegation to secure funding for a multi-agency facility to ensure the continuation into the future, of Whittier’s museum which is currently housed in a private building with very little public support.

In October 2026, the City of Whittier was designated as a World War II heritage community and was honored to welcome and host the commissioning of the USS Ted Stevens warship. This multi-agency facility will allow the City to secure the preservation of Whittier’s unique military and railroad history.

Estimated Cost: \$16 million

Recommended Funding: Federal Funding

Status of the project: This project has gained support of the USFS which provided 2026 funding to initiate planning and design of the multi-agency facility followed by joint meetings to identify each agency’s needs and options for the facility.

8. ECON DEVELOPMENT– HOB Gateway Road

The access road to the beach at the Head of the Bay is in need of a design and upgrade to accommodate a more robust roadbed to serve the new cruise ship terminal, the campground, and the waterfront and shoreline.

Estimated Cost: \$4,320,000

Recommended Funding: Cruise line and operator to jointly seek State funding with the City. May involve use of Ground-Based Passenger Fee and/or CPV funding.

Status of the project: City has worked with engineering firm to examine road specifications to address high-volume passenger bus traffic serving the new cruise ship terminal. Exact road location to be determined in discussions with stakeholders. In May 2026 the City of Whittier paved the majority of the roadway which is intended to be a short-term solution until a long-term solution and funding source can be identified.



Note: Above drawing is a concept drawing only..

9. ECON DEVELOPMENT– Head of Bay Parking/Launch Ramp

Pursue boat and trailer parking at the Head of the Bay as part of the project to construct a new breakwall which would also allow for construction of new launch ramps. The City has worked with the US Army Corps on feasibility options. Consider options to expand opportunities for kayak and jet ski businesses to have dedicated areas for their customers to launch. Consider whether to expand the sea walk and/or create additional uplands for expansion. Consider whether some parking can be relocated to the head of the bay to free up additional areas in the harbor business district to better accommodate public restrooms, etc.

Estimated Cost: \$4,024,800

Recommended Funding: ADF&G Sportfish / City/ Other

Status of the project: As recent as February 2024, the City requested the US Army Corps perform a reevaluation of the feasibility of constructing a breakwall at the Head of Passage Canal which could support infrastructure including launch ramps and possibly a new harbor. The City will undergo a Strategic Plan initiative in 2027 which should help to inform community priorities, especially taking into account the impact of recent Head of Bay development, on future community needs and goals. This project can be pursued when the City Council identifies it as a priority.



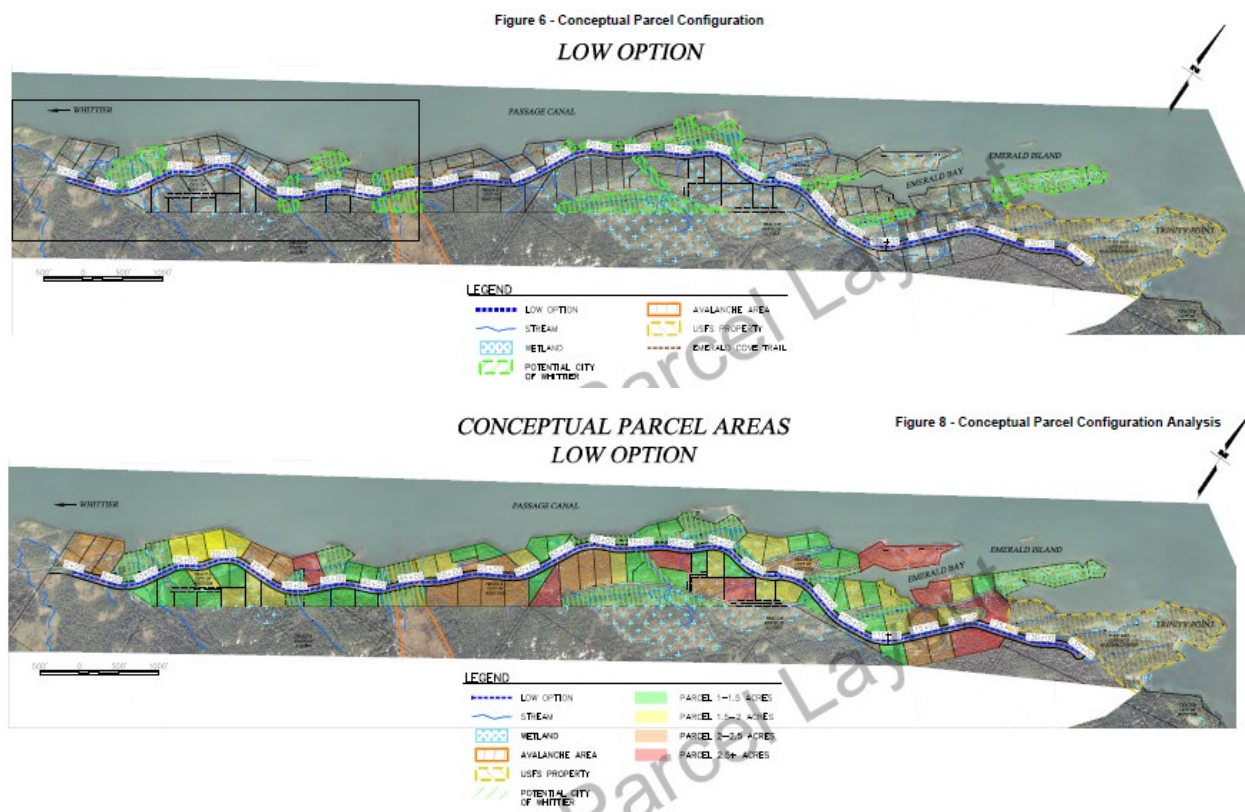
10. ECON DEVELOPMENT– GIS and Survey Shotgun Cove Road for Sale of Private Parcels

The City continues to construct Shotgun Cove Road from Whittier to Trinity Point with the first 3.0 miles complete as of October 2026. Preliminary parcel identification was performed during the process of planning and design of the project, but the City cannot perform final survey and identification of legal property boundaries until the roadway has been completed. Once complete, the City Council will determine the method of disposition, to include the sale of parcels through competitive sale. The City may also pursue legislative action to request allocation of an additional approximately 100 acres of land since original legislative intent language expressed the City was to receive 480+ acres of land *excluding* easements, whereas the final allocation of 486.01 acres includes easements. The City will work with DNR and DOT to consider expansion of right-of-way to facilitate DOT standards. The State's conveyance further required the City to sell the properties after public notice and by competitive sales method. Legal advice suggests the City investigate whether State allotted lands should come with such restrictions, or whether cities in general, receiving state land allotments, receive land free of any State impositions.

Estimated Cost: \$1,482,000

Recommended Funding: General Fund, Federal Funds

Status of the project: The City has completed construction of the project through approximately Mile 3. as of October 2026. The City submitted a Nationally Significant Federal Tribal Lands Transportation Project grant application in the summer of 2026 which would allow construction of an additional approximately one mile of roadway.



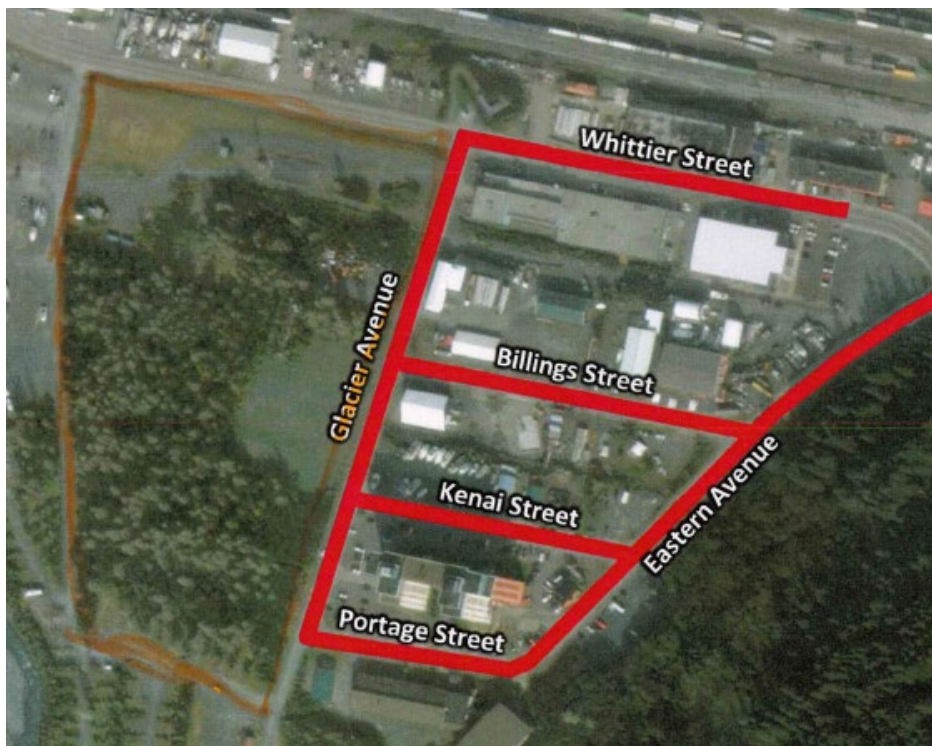
11. ECON DEVELOPMENT– Develop Employee and Resident Housing

Whittier is a community with few privately-owned and developable parcels. Most developable land within the City of Whittier municipal boundaries is owned by federal or state government entities, with 109 of the 212 acres in the Whittier core area, owned by the Alaska Railroad Corporation. While the City leases some land from the Alaska Railroad, the parties have experienced diverging interests, with the Railroad aiming to maximize lease revenues, while the City seeks to provide much-needed public infrastructure and to incentivize private ownership of land in certain areas of town, to promote affordable development and economic growth. The City suffers from a severe shortage of land needed for residential housing and seasonal employee housing, with two primary residential structures housing more than 90% of the local population. The lack of housing alternatives is likely to further constrain the local business employment pool caused by lack of housing, as well as to further constrain opportunities for economic growth, until additional housing units are developed. The City and the Railroad are currently in discussions for the City to purchase non-essential lands from the Alaska Railroad, with the parties working to develop an MOA for approval by the Alaska State Legislature, seeking to authorize disposal by the Railroad, to the City.

Estimated Cost: \$37,200,000 for development plan, land purchase and exploration of public/private partnership opportunities

Funding Source: Federal USDA Housing Grants and/or Public/private partnership

Status of the project: The City and the Alaska Railroad successfully negotiated a potential land transfer allowing the City to purchase property from the Railroad. The Alaska Legislature passed House Bill 216 in 2026 and the parties are finalizing the details of a Memorandum of Agreement to allow the City to purchase land by mid-2027 from the Railroad. A portion of this land has been previously identified by City Council as an ideal location for residential housing expansion, given its proximity to utilities and other local housing.



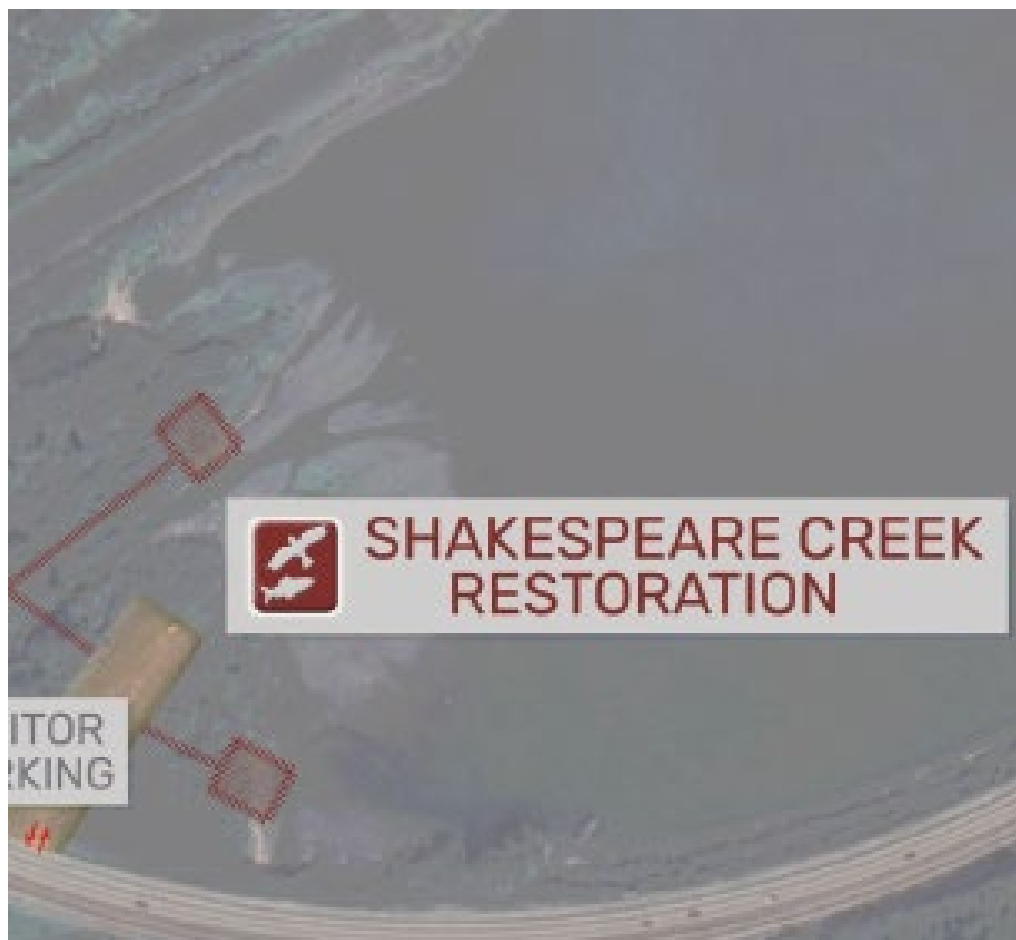
12. ECON DEVELOPMENT– Shakespeare Creek Fish Viewing Platform & Improvements

The City desires to complete restoration of Shakespeare Creek and construct a fish viewing platform that will serve both to protect native beach areas and a sensitive creek location, while offering people the opportunity to view salmon and other species as they migrate in the area of Shakespeare Creek. The project may include dealing with issues of erosion, removal of invasive plant species and debris, stream bank improvements, culvert repair, road drainage improvements, improving spawning habitat, creation of pools.

Estimated Cost: \$911,200

Funding Source: AD&G Grant

Status of the project: This project has not moved up the priority list due to focus on other development at the Head of the Bay (new cruise facility). The City will perform a Strategic Plan /Comprehensive Plan update in 2027 which is expected to determine the priority level of this project as well as the future timing.



**CITY OF WHITTIER
PARKS AND RECREATION
2027 – 2036 CAPITAL IMPROVEMENT PLAN**

14. Lou Young Park Engineering	\$ 120,000	2027
15. Local Trail Maintenance	173,949	Annual work
16. Trash Cans at Trailheads	20,000	2027-2028
17. Whittier Falls Park	1,988,760	2027-2029
18. Kayak Launch and Racks	30,000	2029
19. Playground Improvements	75,000	2029
20. Trails Master Plan	80,000	2030
21. Horsetail Falls Trail Improvements	169,859	Annual work
22. Existing City Park Upgrades	50,000	2030
23. Restrooms @ parks/trailheads	400,000	2030-2031
24. Lou Young Park Improvements	1,600,000	2030
25. Covered Pavilion/Barbeque	1,800,000	2031
26. Winter Trail Improvements	30,000	2032
27. Ice Rink and Sledding Hill	Unknown	Unknown
28. HOB Coastal/Marine Park	Unknown	Unknown
29. Salmon Viewing Trail 2 nd Salmon Run	Unknown	Unknown
30. Coastal Trail at Shotgun Cove Road	Unknown	Unknown
31. Public Use Cabins HTF/SCR	Unknown	Unknown
32. Mountain Bike Trails	Unknown	Unknown
33. Portage Pass Trailhead Campground	Unknown	Unknown

10-Year Total: \$6,537,567

14. and 24. PARKS – Lou Young Park Engineering/Design

Lou Young Park is a serene waterfront park with a small beach that is ideal for bear-viewing in the summer salmon season. The cove itself is used by many locals to launch sea kayaks, although the path from the park to the water requires a steep 20-30 feet descent. The park included a fish-viewing platform that was torn down in summer 2026 because it reached the end of life and was no longer safe. The City just completed the construction of a portion of Shotgun Cove Road, and some of the trail work that was completed is informing creative options for how to address the issue of avoiding erosion and damage to vegetation, while allowing the public safe access to the water. Discussions on planning and design of this park may consider the ability to tie in the park with a potential day-use picnic area on the bluff above the cove. Next step is to develop a 35% design that can serve as the basis for a City grant application for Land Water Conservation Funds funding for improvements to the park.

Estimated Cost: \$120K Design (2027); \$1.6 million Construct (2030)

Recommended Funding: General Fund and LWCF Grants



15. PARKS – Local Trail Maintenance

Estimated Cost: \$173,949 spread out each year with a minimum \$25K funding annually until local trails and trailhead conditions are improved. Trail maintenance and improvements include removal of hazardous trees, installation of gravel to improve safety, construction of small foot bridges, creation of trail switchbacks to eliminate steep walking slopes, removal of brush from the walking path, and other safety improvements. The increase in cruise traffic is expected to result in a significant increase in visitation to Whittier's local trails.

Recommended Funding: General Fund and CPV

Status of the project: Annual trail maintenance at this level has been occurring for the past five years. As the community prepares for the expansion of sustainable tourism opportunities, the City is investing in improvements to local trails, trailheads, safety such as improved signage, bear-proof garbage containers, D-1 to fill and grade parking lots, and specific trail improvements to improve safety for hikers.

16. PARKS – Locate Bear-Resistant Garbage Cans at Trailheads

Purchase self-compacting and bear-resistant trash cans to locate at trailheads to encourage visitors to leave no trace and to avoid bear-human interactions caused by easy access to trash/litter. Prioritize local trailheads and park facilities at which to locate these cans. Consider expanding the program over time to reduce bear/human trash interactions throughout town, not only at trailheads.

Estimated Cost: \$20,000

Recommended Funding: CPV

Status: Planning phase



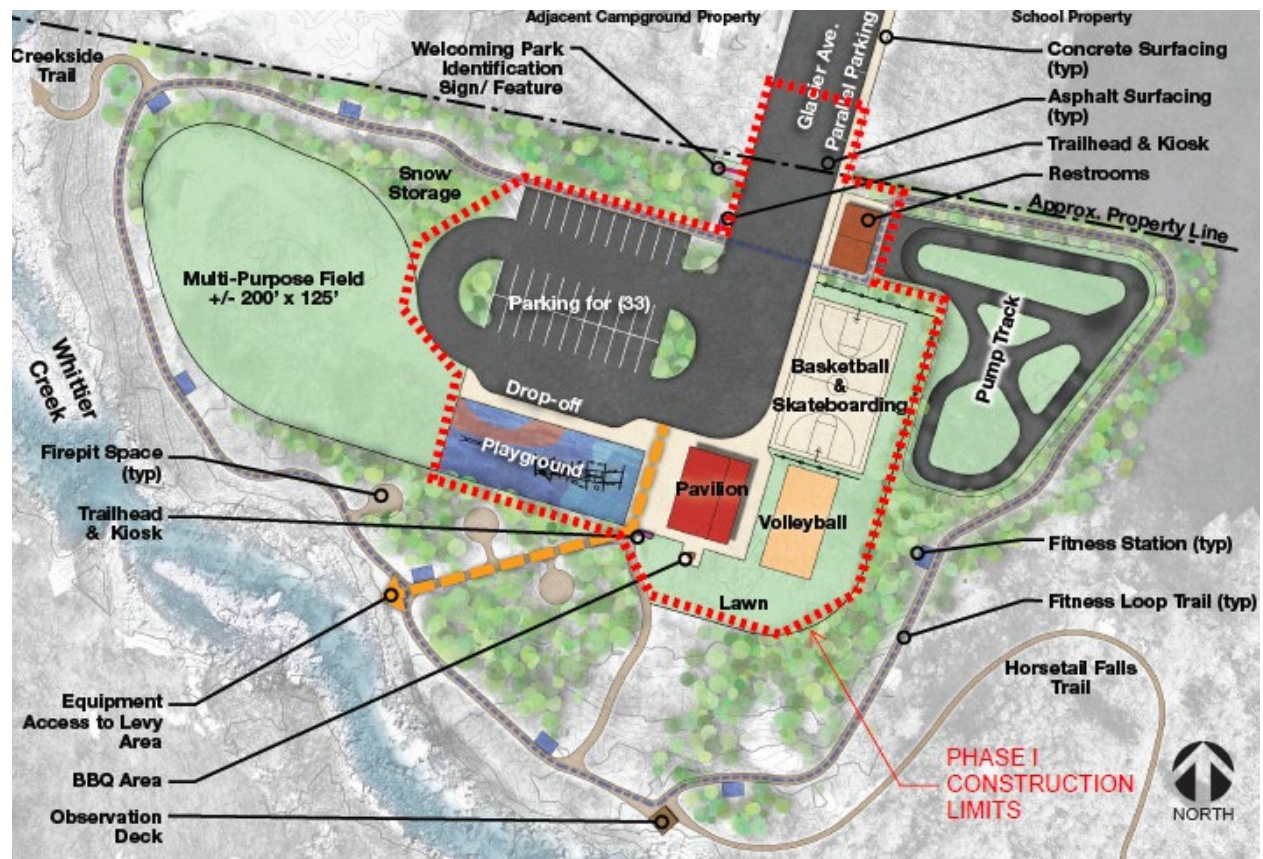
17. PARKS –Whittier Falls City Park

The Whittier Falls City Park at the south end of Glacier Avenue near Whittier Creek has undergone an initial transformation in September/October 2026 with the initial clearing and grubbing of trees and piles of debris left over from previous construction projects. The below June 2018 Park Master Plan includes parking lot (33 spaces), restrooms, basketball and skateboarding court, volleyball court, pavilion/bbq area, fire pits, playground, multi-purpose field, pump trail, trails and fitness stations, observation deck at Whittier Creek. This park will provide opportunities for visitors and locals to exercise, play, and enjoy family and community outdoor gatherings and activities.

Estimated Cost: \$1,988,760 Design/Build Contract

Recommended Funding: CPV and GF

Status of the project: Design partially complete. Recent clearing of land, bringing clean fill onto the site and spreading the fill. Installation of playground swings and equipment. Placing of large rocks along park boundary. Planned hydro-seeding by end of Spring 2027.



18. PARKS –Kayak Racks

This project is in conjunction with the Harbor's efforts to identify locations to site kayak launches since so few local residents have a place to locally store their kayaks. The City installed its first kayak racks in 2025. These racks will enhance the kayaker's accessibility to kayaking in Whittier and Prince William Sound. The City Council established a kayak launch fee of \$5 in 2026 which is intended to pay to maintain and replace kayak racks.

Estimated Cost: \$30,000 (2029)

Recommended Funding: General Fund

Status of the project: Planning phase. The Port and Harbor Commission recommended a primary kayak launch facility be located at Smitty's Cove, which was approved by the City Council and installed in 2026. The Parks and Recreation Committee finalized their preferred location for a kayak launch at Passenger Dock.



19. PARKS – Playground Improvements / Outdoor soccer / Basketball court

Consider partnering with the school to expand playground improvements. There is interest in making improvements to the current basketball court in addition to the newly developing Whittier Creek Park. The City will consider other healthy activity and recreation options for families desiring to recreate adjacent to one another near the basketball court.

Once the City and the Alaska Railroad finalize the land transfer project, the City Council can consider additional improvements that consider alternative desired locations for other improvements.

Estimated Cost: \$75,000

Recommended Funding: General Fund

Status: Awaiting City Council direction

20. PARKS – Trails Master Plan

The City is experiencing significant visitor growth and the Parks and Recreation Committee desires to create a plan to identify the scope of improvements needed to local trails and trailheads, including amenities such as restrooms, trash bins, etc. The Plan should also consider coordinating with Prince William Sound Economic Development District's project which seeks to create a connected trail system within Prince William Sound.

Estimated Cost: \$80,000 (2030)

Recommended Funding: General Fund and CPV Status: Planning phase

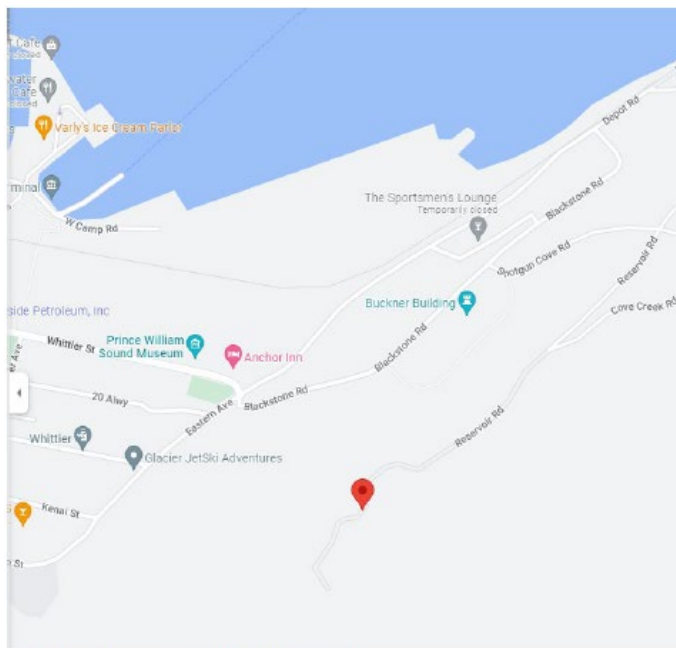
21. PARKS – Horsetail Falls (and Other) Trail Improvements

Annual trail improvements have been completed each year since 2022, with the City hiring the master trails team from Alaska Trails and the local members of Parks and Recreation. Since that time, the City has supported annual funding of approximately \$25,000 to \$30,000 for local trail improvements to popular trails, to better prepare for the rising number of visitors to Whittier.

Estimated Cost: \$169,859 (10 years)

Recommended Funding: GF and CPV

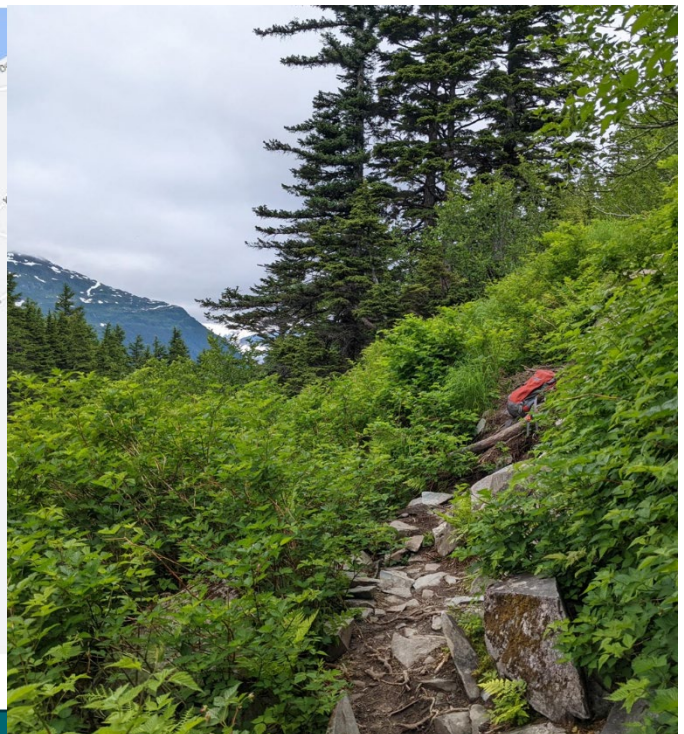
Status of the project: Repairs to the Horsetail Falls Trail have been prioritized each year by Parks and Recreation. Pictures of recent improvements are shown below. This project will include improvements to other local trails in addition to Horsetail Falls, as identified and prioritized by Parks and Recreation.



Hike Horsetail Falls Trail

Trail Summary

Traditional Land: Alutiiq (Visit Native-Land.ca to identify traditional land)
Distance: 2 miles roundtrip
Time: 1.5 hours
Elevation Gain: 400 feet
Difficulty: Easy
Dogs: Yes



22. PARKS – Existing City Park/Playground Upgrades

Given potential changes in land use, consider what improvements can be made to existing parks and/or available recreation equipment options to expand utilization by local families for playgrounds, play fields, recreation equipment and other efforts to encourage families and youth to participate in outdoor recreation activities. It was originally anticipated that the community would be able to utilize the new cruise terminal facility to expand recreation options during the winter. Due to the high cost of heating the facility and the status of utilities, the facility is not yet available for winter use. It is hoped that in the future, the Parks and Recreation Committee will identify winter-time activities that can utilize the terminal facility and offer opportunities for safe and indoor winter recreation. Activities such as archery, roller skating, arts and crafts and music fairs, movie nights, and other such opportunities are under consideration and are expected to improve the quality of life for Whittier youth who are otherwise limited in their recreation options due to Whittier's harsh winds and significant snowfall in the winter.

Estimated Cost: \$50,000

Recommended Funding: General Fund

Status of the project: Awaiting availability of facility for public access

23. PARKS – Restrooms at parks and trailheads

After experiencing growing evidence of human waste along local trails and at trailheads and popular hiking/visiting areas such as Shotgun Cove Road, Horsetail Falls Trail, the waterfall behind the BTI, Whittier Creek Trail, Smitty's Cove, etc., the City has made a strategic effort to add porta-potties at these locations. In the short-term, the City will continue to provide portable toilets at trailheads. The Parks & Recreation Committee further supports adding new restroom facilities (port-a-potties, vault toilets and/or flushing facilities) to address the anticipated influx of visitors to the area. Once new permanent restroom facilities are installed in the Harbor, the City intends to relocate current mobile restrooms from the Harbor Triangle and Harbor Waterfront to popular trailhead locations.

Consider a long-term plan for restrooms at the end of Shotgun Cove Road and various popular pull-outs along the road. Consider restroom facilities at Horsetail Falls Trailhead which has increased in popularity. While the trail is one mile, many people use this trail to access the alpine area and participate in all day or overnight adventures. Smitty's Cove serves as a popular water access point with beach use, paddle craft, boating, diving, swimming, etc. with no current restroom facilities. Consider including a restroom at the Horsetail Falls Connector Trailhead in conjunction with the future City Park (behind BTI).

Estimated Cost: \$400,000

Recommended Funding: Recreational trails grants

Status of the project: The City began placing portable toilets at trailheads in 2022 and has incrementally increased the number of port-a-potties available for public use. The City still intends to pursue additional portable toilets to keep up with the growing demand of users to the local trails system.

24. PARKS – Lou Young Park Improvements

Consider improvements to Lou Young Park to minimize human and bear encounters, allow for ADA-accessibility improvements, and construct an expanded and elevated boardwalk and possible trail and picnic improvements to the west of the park as funding allows. Consider removing existing overlook/boardwalk and replace with something more durable, safe, and handicapped accessible. Improve access to the water for kayak put-ins. Consider seeking Land and Water Conservation Grant funding which could significantly enhance the functionality and safety of the park for the significant influx of visitors that has been seen in the Park in the past year.

Estimated Cost: \$1.6 million

Recommended Funding: CPV and state/federal trail grants

Status of the project: Planning and design expected to take place in 2027.

25. PARKS – Covered Community Pavilion / Barbeque

Build a covered community pavilion /barbeque that can withstand heavy wind environment, with views of the water and surrounding mountains, with safe ventilation of grills to allow for year-round family and community use to encourage healthy social interactions during dark winter months, and to be available in anticipation of high-utilization during the summer months.

Estimated Cost: \$1.8 million

Recommended Funding: GF, CPV

Status: Planning phase



26. PARKS – Winter Trail Improvements

Consider improving local trails, including Shotgun Cove Road, to enhance opportunities for winter and shoulder-season tourism. Improvements to include necessary equipment for grooming ski/snowshoe/fat bike trails. The City did invest in purchase of a snowmobile for trail grooming in 2025 and local residents have developed trail grooming equipment and provide volunteer labor for trail grooming.

Estimated Cost: \$30,000

Recommended Funding: GF, CPV, Trails grants

Status of the project: The Parks and Recreation Committee will work with the newly-created Parks Operations Manager position to prioritize winter trail improvement needs.

27. PARKS – Ice Rink and Sledding Hill

The City Council amended the City's local legislative priority listing to build an ice rink and sledding hill to encourage winter outdoor recreational opportunities. The type of ice rink, potential location, etc. has not been determined, although the recreation committee has created temporary ice rinks in parking lots during ideal weather conditions. The cost of a future ice rink will be determined based on a number of as-yet unknown variables including size, temporary versus more permanent structure, maintenance needs, etc.

Estimated Cost: Unknown

Recommended Funding: City and private funding

Status of the project: Awaiting recommendations from Parks and Recreation Committee

28. PARKS – Head of Bay Coastal/Marine Park

Consider necessary steps to restore and preserve local streams, salmon impacted areas, and local beaches.

Estimated Cost: Unknown

Recommended Funding: NOAA, Private, PWSSF, Grants

Status of the project: Planning phase

29. PARKS – Salmon Viewing Trail – Second Salmon Run

Consider improvements to trails to allow for salmon viewing at Second Salmon Run, in anticipation of the influx of additional visitors to Whittier, to enhance the visitor and resident viewing experience, while protecting habitat and minimizing human-bear interactions.

Estimated Cost: Scope of Work yet to be determined; cost Unknown

Recommended Funding: Trail and Other Grants

Status of the project: Planning phase



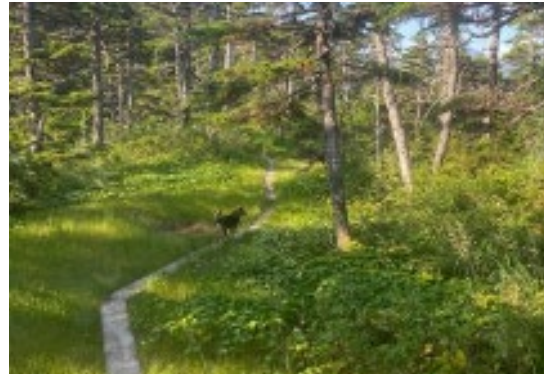
30. PARKS – Coastal Trail along Shotgun Cove Road

The construction of Shotgun Cove Road has both impacted the legacy Emerald Cove Trail, and constructed a beautiful section of trail from the road down to the shoreline. The project includes an offshoot trail to a beautiful waterfall, and artistic use of natural stone to create a crushed stone walking path (replaces a prior narrow and deteriorating wooden walk), a beautiful stone stairway down to the shoreline, and drainage culverts designed to blend in with the natural setting. In the last 1.4+ miles of Shotgun Cove design and construction (ultimately terminating at Trinity Point), the City will follow the current design to offset losses to components of this popular trail, and support incorporating a long coastal trail in the Shotgun Cove road recreation area. Include opportunities for camping and possible public use cabins.

Estimated Cost: Unknown

Recommended Funding: Trail and Other Grants, CPV, GF, RTP, Pittman Roberson

Status of the project: Planning phase



31. PARKS – Public Use Cabins on Horsetail Falls and Shotgun Cove Road

The influx of visitors is expected to increase demand for amenities to serve them. Improving access to local trails and backcountry offers increased opportunities for kayakers, hikers, hunters and others wishing to recreate in Whittier and the surrounding Prince William Sound. These visitors are uniquely interested in public use cabin opportunities to access and overnight in the Sound.

Estimated Cost: Unknown

Recommended Funding: Trail and Other Grants, RTP

Status of the project: Planning phase by USFS; included in the USFS Recreation Plan for Shotgun Cove Road. Support USFS expansion of public use cabins in PWS.



32. PARKS – Mountain Bike Trails

There is growing interest in developing local mountain biking trails similar to opportunities currently existing in Girdwood. As a result of an increasing number of visitors to Whittier and the Prince William Sound, adding improvements to local trails to invite mountain biking enthusiasts will create new eco-tourism opportunities.

Estimated Cost: Unknown

Recommended Funding: Recreational trails grants

Status of the project: Planning phase

33. PARKS – Portage Pass Trailhead Campground Collaboration with USFS

The City previously discussed working with the US Forest Service to plan future improvements to the Portage Pass Trailhead, including the potential for a new forest service campground in the area surrounding the trailhead. Continue to collaborate with the USFS to determine the appropriate role for the City to play in facilitating Campground that might address existing deficiencies such as lack of RV sewer dump station. The Forest Service completed their Portage Pass Trailhead improvements in 2026 which have expanded parking, created a very large gravel parking area large enough for large motor homes, lots of traffic, etc. The park includes public restrooms. The City should consider how to incorporate with the community, the RV sewer dump station, and overall amenities that will attract visitors wishing to overnight in Whittier.

Estimated Cost: Unknown

Recommended Funding: USFS and other grants

Status of the project: Planning phase

CITY OF WHITTIER
EMS and FIRE
2027 – 2036 CAPITAL IMPROVEMENT PLAN

34. EMS Gurney	\$ 70,500	2027and 2033
35. EMS Vehicle Repairs	76,500	2027 and 2033
36. EMS Defibrillator	81,900	Various
37. EMS Ambulance purchase	750,000	2027
38. EMS Extrication Equipment	58,500	2033
39. Fire inline relief valves	16,000	Various
40. Fire Turnout gear	60,000	Various
41. Fire Vehicle Repairs	59,000	2027/2028
42. Fire - ALMR Radios	118,250	2027/2033
43. Fire Truck replacement	648,000	2029
44. Fire – Water tender truck	850,000	2029
45. Fire – Replacement hose	25,200	Various
46. Fire – SCBA Equipment	47,250	2031 and later
10-Year Total:	<u>\$ 2,861,370</u>	

34. EMS – Gurney for Ambulance

Estimated Cost: \$70,500

Recommended Funding: Federal DOT Grant / General Fund match

Status of the project: The City is planning to purchase a replacement ambulance in 2027, to be fully equipped. In the process of determining what accessories are priorities, the Fire/EMS staff will make recommendations about the timing of this equipment.

35. EMS – Vehicle Repairs

Estimated Cost: \$18,000 in 2027; \$76,500 over 10 years

Recommended Funding: General Fund / CPV

Status of the project: The City is planning to order a full-equipped replacement ambulance in 2027 utilizing a State grant. In the meantime, the City continues to experience expensive annual repairs that require immediate attention as the City does not have backup ambulance options. Given the addition of a new cruise ship terminal, there has been a significant increase in EMS calls related to cruise visitors, sometimes requiring more than two transports from Whittier per day, stretching the department's ability to provide necessary services while still ensuring response availability for local residents. Having operational ambulances is a critical public safety requirement. equipment.

36. PUBLIC SAFETY – EMS – Defibrillator for Medic 2 Ambulance

Estimated Cost: \$63K in 2027; \$9K in 2028; \$81,900 over ten years

Recommended Funding: GF MRRF, Girdwood Police Contract, CPV

Status of the project: The City began setting aside funding annually in 2025 in order to accumulate sufficient funding to replace standard emergency response equipment at the end of life. The Defibrillator for Medic 2 has reached its end of life. In addition, the department is ensuring funds sufficient to replace defibrillators in ambulances and AEDs in all response vehicles.

37. PUBLIC SAFETY – EMS – Replace Ambulance

Estimated Cost: \$750,000 Recommended Funding: State grant funds

Status of the project: The City has received State grant funding from the State's CPV funds and will use approximately one-half of the funding to replace Medic 2, and the other half to construct a new year-round restroom in the Harbor Loop. Medic 2 is a 2003 chassis ambulance that has reached its end of life. Ongoing costs to repair Medic 2, and the age of its standard equipment, make it prudent to replace the vehicle.

38. PUBLIC SAFETY – EMS – Extrication Equipment

Estimated Cost: \$58,500

Recommended Funding: Highway Safety Grants

Status of the project: The City has not identified a source of funds to purchase vehicle extrication equipment. However, given the frequency of vehicle accidents in Whittier's service area, as well as responses to accidents on the Seward Highway within the Whittier Police Department contract service area, public safety would be enhanced by the addition of extrication tools and equipment. These tools are used by first responders to safely remove patients from hazardous or confined situations including wilderness/high-angle rescues, vehicle crashes, collapsed structures or industrial accidents, to prevent further injury. Equipment can include "jaws of life", extrication collars and splits to stabilize the neck, spine and torso, sked and scoop stretchers, basket stretchers, spinal immobilization tools, etc.

The City will seek grant funding through Highway Safety grants and/or from private and corporate donors. Emergency responders often face many challenges responding to emergencies in remote locations. This extrication equipment will enable the fire department to remove people more safely and quickly from vehicles in the event of a crash, while reducing the risk of injury to both victims and responders. The expected source of funding for this purchase is from grants and matching City funds.



39. PUBLIC SAFETY – Fire – Paratech inline relief valves

Estimated Cost: \$16,000 Recommended Funding: GF MRRF, Girdwood Police Contract, CPV

Status of the project: Paratech Inline Relief Valves (a specialized safety device designed for air lifting bags) to prevent over-pressurization and keep lift bags inflated under load, and/or lifting bags and related rescue equipment. The City does not currently have a program to set aside funding for this particular type of standard emergency response equipment.

40. PUBLIC SAFETY – Fire – Turnout Gear

Estimated Cost: \$30,000 in 2027/2028; \$60K over ten years
Recommended Funding: GF MRRF, Girdwood Police Contract, CPV

Status of the project: The City started setting aside annual funding to replace standard emergency response equipment, including fire turnouts, in 2025. Funding is available for this project in the 2027/2028 budget from funds previously set aside from contributions from the General Fund and CPV.

41. PUBLIC SAFETY – Fire – Vehicle Repairs

Estimated Cost: \$59,000 in 2027/2028
Recommended Funding: GF MRRF

Status of the project: Fire Trucks and emergency response vehicles are costly to repair and maintain. Some of Whittier's apparatus were purchased used and as the vehicles and equipment age, they become more costly to maintain. The City will continue to pursue fire grants for the purpose of updating our fire apparatus and vehicle fleet.

42. PUBLIC SAFETY – Fire - ALMR-Compliant Mobile/Portable Radio Equipment

Estimated Cost: \$55K in 2027, \$118,250 over ten years

Recommended Funding: General Fund MRRF, Grants, CPV

Status of the project: The City's ALMR-compliant mobile/portable radios have reached their end of life. Funding had been set aside in the General Fund MRRF to begin systematic replacement of Police | Fire | EMS radios. Most *Police* radios were replaced in 2026 via City and grant funds. The focus after the Glacier Creek fire is now shifting to the replacement of fire and ems radios to ensure inter-operability with other responding agencies. The City has a goal of setting aside funding annually to routinely replace radios which reach end-of-life, but will also continue to pursue grant funding opportunities to keep up with evolving changes in technology.

43. PUBLIC SAFETY -FIRE – Replace Fire Apparatus with Options and Extended Warranty

Estimated Cost: \$648,000

Recommended Funding: Federal Grant with GF 10% local match

Status of the project: The City's backup fire apparatus is currently non-operational and does not pass required fire inspections for operations. The fire truck was purchased used by the City and is in need of replacement in order to enhance reliability and reduce maintenance costs for a rig for which parts are increasingly unavailable. It is no longer cost-effective to operate this fire apparatus. The City will seek federal funds for replacement of the fire truck and expects to pay a local match.



44. PUBLIC SAFETY – FIRE – Water Tender Truck

Estimated Cost: \$850,000

Recommended Funding: Federal Grant with local match (GF)

Status of the project: The community of Whittier experienced a devastating cruise ship dock fire in an area without community water service. This event highlighted the vulnerability to areas of town (Head of Bay, Shotgun Cove Road) where growth and development are increasing the need to be able to safely and efficiently port water to fight fires.



45. PUBLIC SAFETY – Fire – Fire Hose

Estimated Cost: \$25,200

Recommended Funding: General Fund, CPV

Status of the project: The City established a program to set aside funding annually to replace standard emergency response equipment including fire hose. The recent massive fire at Glacier Creek cruise ship dock has highlighted the need to ensure the community's need to maintain well equipped fire fighting equipment and supplies. The expected source of funding for this purchase is a combination of CPV Funding and the City's General Fund.

46. PUBLIC SAFETY – Fire – SCBA Breathing Apparatus Equipment

Estimated Cost: \$47,520 over ten years; no purchases in 2027/2028

Recommended Funding: Combination CPV and GF MRRF

Status of the project: The City has been setting aside funding annually since 2023 to ensure the timely replacement of SCBA (self-contained breathing apparatus – fire response tanks) when they reach the end of life. The Fire/EMS Department staff continue to seek grant funds for the replacement of SCBA equipment. The expected source of funding for this purchase is a combination of General Fund and CPV funds.



CITY OF WHITTIER
POLICE
2027 – 2036 CAPITAL IMPROVEMENT PLAN

47. Police Vehicles	\$ 389,952	2027 & future
48. Police Body Cameras	72,114	2029 & future
49. Police Body Armor	26,997	2030 and later
50. Police AED (Zoll)	8,800	2029 and later
51. Police Tasers	22,121	2032 and later
52. Police ALMR radios	<u>283,410</u>	2032 and later

10-year Total: \$ 803,394

47. PUBLIC SAFETY – Police Replacement Patrol Vehicles

Estimated Cost: \$180K to replace two vehicles; one each in 2027 and 2028. \$389,952 over ten years with replacement of approximately one vehicle every 3 years. The City delayed purchasing replacement vehicles in 2024/2025 due to inventory challenges at local dealerships.

Recommended Funding: Motor Pool, funded by General Fund, CPV and Girdwood Police contract

Status of the project: The budget includes annual contributions from the police department into the Motor Pool to advance fund replacement of existing police patrol vehicles. The City will need to make lump-sum contributions into the Motor Pool Fund and increase the annual payments into the Fund from the General Fund, to truly have a perpetual funding mechanism for routine replacement of police vehicles. In the meantime, the operating budget includes \$35K in 2027 and \$40K in 2028 for motor pool contributions.



48. PUBLIC SAFETY – Police Body Cameras

Estimated Cost: \$72,114 over ten years; no purchases in 2027/2028

Recommended Funding: General Fund, Girdwood Police Contract, CPV

Status of the project: The City is setting aside annual funding into the General Fund MRRF for the purpose of replacing costly but critical police equipment (body cameras, body armor, AEDs, tasers, radios) with a finite useful life. The City has entered into a 10-year contract with AXON approved by the City Council, to address ongoing services associated with maintenance of police equipment.

The expected source of funding for this purchase is from the City, the Girdwood Police Contract and CPV funding.



49. PUBLIC SAFETY – Police Body Armor (PPE/hard)

Estimated Cost: \$26,997 over ten years. No purchases in 2027/2028

Recommended Funding: APRA 50% purchase grants, GF MRRF, Girdwood Police Contract, CPV

Status of the project: The City is setting aside annual funding into the General Fund MRRF for the purpose of replacing police body armor and other critical police equipment. The City's insurance pool, Alaska Public Risk Alliance, offers grants covering 50% of the cost of body armor, and the City will contribute the remaining amounts not eligible for grant funding. The expected source of funding for this purchase is from City funds, the Girdwood Police Contract and CPV.



50. PUBLIC SAFETY – Police - AED External Defibrillator (Zoll)

Estimated Cost: \$8,800 over ten years; no purchases in 2027/2028

Recommended Funding: GF MRRF, Girdwood Police Contract, CPV

Status of the project: The City is setting aside funding annually to replace standard emergency response equipment, including AEDs. While some police departments do not consider AEDs as standard patrol vehicle equipment, this equipment is known to have saved the lives of individuals experiencing cardiac events, and responding officers may find themselves in the position of being first responders to the scene of a cardiac event. The expected source of funding for this purchase is from City funds, the Girdwood Police Contract and CPV.



51. PUBLIC SAFETY – Police Tasers

Estimated Cost: \$22,121 over ten years; no purchases in 2027/2028

Recommended Funding: GF MRRF, Girdwood Police Contract, CPV

Status of the project: The City is setting aside funding annually beginning in 2023, to routinely replace police tasers and other equipment when necessary.

The expected source of funding for this purchase is from City funds, the Girdwood Police Contract and CPV.



52. PUBLIC SAFETY – Police - ALMR-Compliant Mobile/Portable Radio Equipment

Estimated Cost: \$283,410 over ten years; no purchases in 2027/2028

Recommended Funding: General Fund MRRF, Grants, CPV

Status of the project: The City's Police department received grant funding and completed replacement of ALMR-compliant mobile/portable radios in 2026. The City continues to set aside funding each year in the General Fund MRRF to ensure adequate funding is available as technologies change and radios require replacement. The City also pursues law enforcement grant funding for radio replacement when able.



**CITY OF WHITTIER
PUBLIC WORKS
2027 – 2036 CAPITAL IMPROVEMENT PLAN**

53. Major public work equipment repairs	\$ 40,000	2027/2028
54. PSB doors and glass/casement windows/repairs	42,000	2027/2028
55. PSB inside doors,safety,file room, changing stations,fountain	43,000	2027
56. Road work related to W Whittier St utilities proj	75,000	2027
57. Local roads (pave to City Park, Smittys Cove, tbd)	150,000	2027/2028
58. Whittier Core Streets & Storm Drain Rehabilitation	3,869,500	over 10 yrs
Includes \$250K in 2027 for engineering/design		
59. Hazard Material mitigation BTI	400,000	2027
60. Brush cutter for roadway maintenance	40,000	2029
61. PW Operations truck/flatbed	86,400	2029
62. Snow Storage Area Purchase	270,000	2029
63. Shotgun Cove Road Construct > Mile 3.0	16,649,407	2029
64. Whittier Creek Levee Repairs	1,715,000	over 10 yrs
65. Loaders	709,500	2030/2033
66. Snowblower	1,200,000	over 10 yrs
67. Shotgun Cove Road final phase construct	12,000,000	2031
68. Sidewalk upgrades and replacement	2,090,000	over 10 yrs
69. Paving Shotgun Cove Road; one mile per year	10,936,942	over 10 yrs
70. Plow Truck chassis and sander	400,000	2033
71. Metal Storage Building for equipment	<u>1,200,000</u>	2036
Total:	<u>\$51,916,749</u>	

53. PUBLIC WORKS – Major Public Works Equipment Repairs

The City public works fleet includes expensive snowblowers, road graders, dump trucks, flat bed trucks, loaders and other equipment which requires constant repairs, new tires and other significant costs. The capital budget includes these costly expenses in order to remove them from the City's General operating budget, as including costly capital costs within a budget skews the comparison of annual budgeted costs across years. No particular piece of equipment(s) is identified for repair at this time, but given the age of the City's fleet, it is getting more costly to maintain, but the City is also replacing outdated equipment as in the last three years we have purchased a snowblower, loader and motor grader.

Estimated Cost: \$40,000 in 2027/2028

Recommended Funding: City funding

54. PUBLIC WORKS – Public Safety Building doors and glass/casement windows/awnings repairs

The goal of this project is to repair and/or replace damage caused to Public Safety Building doors and windows as a result of high winds and deterioration from normal wear-and-tear caused by Whittier's weather.

Estimated Cost: \$42,000 (2027/2028)

Recommended Funding: General Fund

Status of the project: Public works director has identified cost estimates and repair/replacement options.

55. PUBLIC WORKS – Public Safety Building interior doors, safety doors on 2nd floor, 3rd floor file room, baby changing stations, water fountain

The goal of this project is to enhance public safety and building security while expanding the ability of the public to use the common areas of the Public Safety Building. In addition, safety measures are needed to protect permanent City records. Project may involve installing doors and/or security measures. The Council has expressed interest in adding baby changing stations and/or water fountain on the third floor for public use.

Estimated Cost: \$43,000 (2027)

Recommended Funding: General Fund

Status of the project: The project is in the planning phase and has been delayed since 2025.

56. PUBLIC WORKS – Road Work related to W. Whittier Street utility connection to Harbor

The City of Whittier has been awarded \$410,000 in State of Alaska loan funding with 100% forgiveness, for the purpose of extending water utilities from West Whittier Street to the Harbor. Construction of this water line connection will necessarily disrupt the roadway and require repair of the road, and the City budget includes \$75,000 for this project in 2027. If the project is delayed beyond 2027 due to engineering and design work, funding will be pushed to the applicable period.

This project will connect the existing water line along Whittier Street to a distribution line in order to create a looped water system. This project addresses critical issues with water flow, pressure, and reliability, particularly during peak demand periods associated with cruise ship and commercial fishing industries. Whittier's current linear water distribution configuration leaves customers vulnerable to service disruptions during emergency repairs and/or maintenance. A looped system will improve distribution efficiency, stabilize water pressure and ensure continuous service availability. Integrating the new water well into the municipal system will provide increased water capacity and essential redundancy and meet growing seasonal demand.

Estimated Cost: \$75,000 in 2027

Recommended Funding: City funding

Status of the project: The City has received funding to engineer and design the water loop system. The roadway repair funding is scheduled for 2027 but is likely to be pushed to the future to correspond with construction activities that will disrupt the roadway and require repairs.

57. PUBLIC WORKS – Local road paving

The State of Alaska is planning to contract for paving in Whittier in 2027. The City will benefit from economies of scale by engaging construction crews to perform road paving and/or repairs while they are already in town, saving monies on mobilization and demobilization. The intent is to prioritize areas requiring repair to include, but not limited to: access to Whittier City Park, Smitty's Cove Parking Lot, and other areas that would improve public safety and reduce potential damage to public and private vehicles.

Estimated Cost: \$150,000 (2027/2028)

Recommended Funding: City funding

58. PUBLIC WORKS – Whittier Core Streets & Storm Drain Rehabilitation

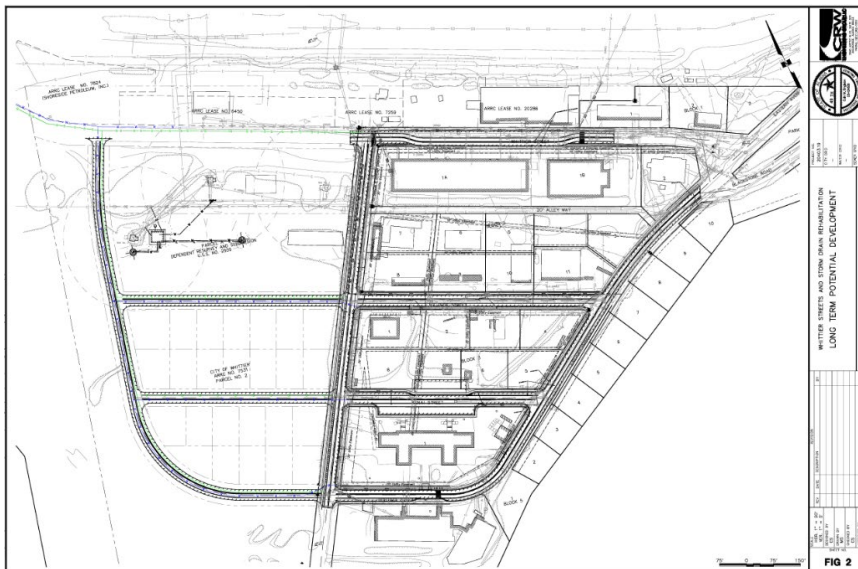
Storm drain design based on using existing pipe sizes and matching existing grades. No detailed grading of driveways or curb ramps. ADA improvements limited to curb ramps. Requirements procurement of storm drain pipes and manholes.

Estimated Cost: \$3,869,500 over ten years
funding

Recommended Funding: Federal / State/ City

Status of the project: The City has completed design of this project and it is on the City's legislative priority list. The administration will request Council elevate this project to one of its highest priorities in 2027.

Whittier Core Streets & Storm Drain Rehabilitation Images:



59. PUBLIC WORKS – Support Hazard Materials Mitigation in Ventilation Systems @ BTI/Whittier Manor

Estimated Cost: \$400,000

Recommended Funding: Federal USDA funding, local funds

Status of the project: The City has received a grant in the amount of \$310,000 to mitigate asbestos and is working with a team from the USDA and the Begich Towers, to mitigate asbestos wrapping on piping in the plumbing runs, in order to improve the health and safety of the majority of Whittier's residents. The federal funding is not sufficient to complete the project, so funding decisions remain. A cost estimator will determine a scope of work and estimated cost for the project, the City will identify potential funding to complete the work, with a goal of completing the project by mid-2027.

60. PUBLIC WORKS – Brush Cutter

As Whittier experiences growth and expansion, especially the construction of Shotgun Cove Road, there is a need to consider long-term maintenance of bike paths, walking paths, road shoulders, ditches, parks, waterfront areas such as in the triangle, and other areas of overgrowth. The City lacks a brush cutter and wishes to purchase appropriate equipment before smaller trees experience growth to the point where a brush cutter will be inadequate to clear near roadways and other sensitive areas.

Estimated Cost: \$40,000 (2029)

Recommended Funding: General Fund

Status of the project: Purchase delayed due to other funding priorities, beyond 2027 to 2029. During the construction of Shotgun Cove Road, construction contractors performed brush cutting on certain areas of the road, reducing alder growth along the road in certain otherwise hard-to-reach areas, for existing City tools and equipment.



61. PUBLIC WORKS – Operations truck, flatbed, crane

The Public Works department is looking to replace equipment as it reaches the end of its useful life. The department will be seeking an operational rig capable of carrying equipment and utilizing a small bed-mounted crane for lift and haul projects. This vehicle will be available to all departments of the City for specific project needs, including the Water and Sewer, Public Works, and the Harbor. The Public Works department currently maintains the following operations vehicles: 2018 Dodge RAM 5500; 2011 Chevy Silverado 3500; 2008 Ford F250 Super Duty; 1999 Dodge RAM 3500; 1996 Freightliner FLD120; 1985 GMC vac truck.

Estimated Cost: \$86,400 (2029)

Recommended Funding: General Fund

Status of the project: Staff will develop standard specifications and requirement and be prepared to issue a request for competitive bids for this purchase in early 2029.

62. PUBLIC WORKS – Snow Storage Area purchase

As Whittier experiences growth and expansion, more pressure will be brought to bear in the winter to find close-proximity land on which to store snow to reduce the cost of hauling snow and placing an added burden on snow removal crews and equipment. Following the transfer of Alaska Railroad lands to the City in 2027, the City will evaluate option site locations which may include the need to purchase additional land and/or partner with others on viable snow dump options.

Estimated Cost: \$270,000

Recommended Funding: General Fund

Status of the project: Considering viable locations assuming the land transfer from the Alaska Railroad is successful in 2027. Purchase date postponed to 2029

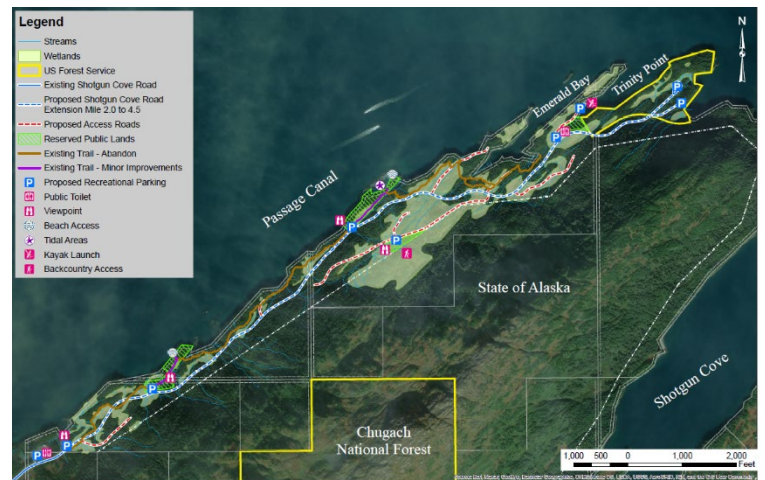
63 and 67. PUBLIC WORKS – Construction of Shotgun Cove Road and Emerald Cove

The City completed construction to Mile 3 of Shotgun Cove Road in 2026. This road will ultimately connect to Trinity Point (Mile 4.5). The design work is complete, permits are in-hand and the City is seeking funding for the next mile of road construction. Ultimately, construction of the road to Trinity Point will connect the road to USFS land and offer increased resource access, improved regional transportation systems, expanded access to backcountry recreation, open land for recreational development, allow for future residential and/or seasonal housing, and improve USFS recreational facilities and water access. Trails and beach access points for non-motorized craft will enable visitors to experience the natural landscape and proximity to Whittier and other communities in the Sound, creating opportunities for economic growth and expanded cultural ties between various native peoples within the Prince William Sound region. The State of Alaska STIP envisions the potential for relocating the airport and the Alaska ferry terminal to Trinity Point so completion of this road is essential for not only Whittier, but for other agencies planning for transportation priorities in the coming years.

Estimated Cost: \$16,649,407 in 2029; \$12,000,000 in approx. 2031, as funding is available

Recommended Funding: Federal Funds / Denali Commission gap matching funds / Local funds

Status of the project: Permitting complete. Initial 3.0 miles of road constructed. NSFTLP grant application submitted 2026.



64. PUBLIC WORKS – Whittier Creek Levee Repairs

The Whittier Creek Levee has structural deficiencies that could pose a danger to public and private infrastructure should a large glacial outfall occur. Such an event could cause extensive damage to the city center, including several state and private facilities. The threat may also adversely hinder opportunities for further economic development and new housing in the area. A Whittier Creek channel assessment was done in 2007 and excerpts from that visit are found below.

Estimated Cost: \$1,715,000

Recommended Funding: USACE 206 Program and/or GF MRRF

Status of the project: Planning and design. At the USACE “feasibility” stage including engineering and design of the project. Requires a 50/50 match for engineering and a 35/65 match for construction. The engineering phase will determine the estimated costs for construction. Next phase requires a Whittier Creek Section 205 Flood Risk Management Feasibility Study with the goals of: reduce flood risk to human life and safety as well as risk of damage to infrastructure, structures and property along Whittier Creek; address long-term sedimentation and erosion over the period of analysis; reduce the amount of emergency response activities related to elevated flows on Whittier Creek; and formulate a plan with an operations and maintenance regime that is manageable for the non-federal sponsor on a long-term basis. Consider seeking assistance from Natural Resources Conservation Service (NRCS) to protect, restore and enhance area natural vegetation.



Figure 4. Downstream end of Whittier Creek Dike looking downstream. Note lack of vegetation on bank and debris used as bank protection.

WHITTIER CREEK LEVEE, continued:



Figure 1. Whittier Creek Looking upstream from Dike. Note large boulders (up to 6-feet diameter) in the creek are moving.



Figure 2. Seepage from Whittier Creek Dike flowing north towards the City of Whittier.

WHITTIER CREEK LEVEE, continued



Figure 5. Whittier Creek at upstream “pool,” looking downstream. Note recent sedimentation.

Recommendations

It is recommended that the City of Whittier explore avenues to have an engineering [investigation](#) performed that will provide solutions to the [long term](#) protection of the City from Whittier Creek. The city has been built in the historic path of Whittier Creek. Whittier Creek is diverted by a historic dike that was never intended to function permanently. The failure of Whittier Creek’s Dike would be disastrous to the City of Whittier.

It is recommended that the City of Whittier begin exploring avenues to stabilize the Whittier Creek Dike as a temporary solution while a study is performed. Stabilization could include placing large rock along the creek side face of the existing dike especially in the two erosion prone areas noted. Stabilization could also include placement of large stone and boulders at the top of the existing dike along the existing path behind existing creek side vegetation. Placing large materials along the top of the dike will add further protection to the dike should floodwaters rise over the dike, it will also provide bank protection if severe erosion takes place. The [City](#) should take care [in](#) preserving all vegetation on the dike, as this vegetation has been instrumental in maintaining its stability.

65. PUBLIC WORKS – Loaders

Whittier is subject to the highest levels of precipitation in Alaska, especially in the winter when significant snowfalls result in freeze-thaw cycles that result in sheet ice on roadways and walkways. Given Whittier's dangerous road conditions, it is important to maintain safe and reliable vehicles and heavy equipment to keep the roadways clear. Reliable Wheel Loaders are critical to the City Public Works' crews ability to ensure timely and reliable snow removal.

Estimated Cost: \$709,500 over ten years

Recommended Funding: General Fund

Status of the project: This Schedule anticipates replacement of one wheel loader in 2030 and another in 2033. The Public Works Department is developing a Motor Pool and Heavy Vehicle Replacement Plan. This Plan will assess the condition of all City vehicles and heavy equipment and include a recommended replacement plan based on the age, condition, and mileage/hours of vehicle use. This Plan will form the basis of prioritizing the timing of heavy equipment and vehicle replacement needs.⁶⁶

66. PUBLIC WORKS – Snowblower

The City's Oshkosh Snowblower experienced back-to-back damage due to rocks and debris catching inside the bucket during heavy snow events, leading to significant damage. It has been difficult to obtain satisfactory repairs when needed. The Public Works Department considers reliable snowblowers to be the most important safety equipment of the fleet in the winter, given Whittier's heavy snowfall and the critical need for reliable snowblowing equipment to keep roadways clear during major storm events. In addition, the State DOT has often left the primary roadway into Whittier unplowed, placing additional burdens on the City's snowblowing equipment.

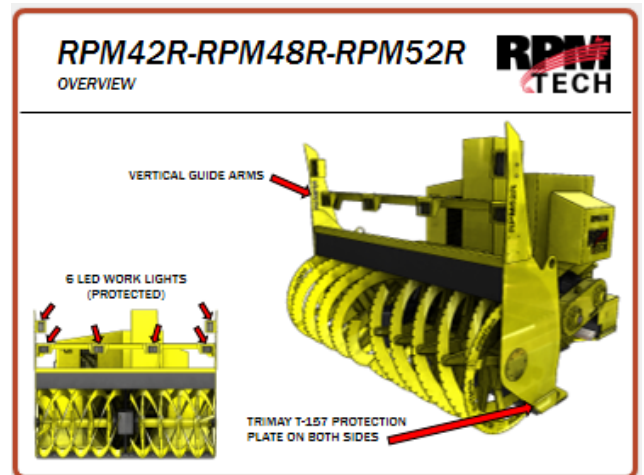
The new cruise terminal at the Head of Bay also offers the opportunity for the use of the terminal during the winter for community events and indoor recreation, making it necessary for the City to plow the road at the Head of the Bay to the terminal, in order to utilize this state-of-the-art facility. The City owns one 2011 Oshkosh Snowblower and a 2020 Hitachi Loader with snowblower attachment with future plans to utilize loaders with snowblower attachments that comport with the State of Alaska fleet, to increase the availability of replacement parts and the standardization of maintenance for this costly equipment.

Estimated Cost: \$600,000 x 2 (estimated replacement in 2031 and 2036).

Recommended Funding: Public works Equipment Fund with Lease/Purchase repaid by General Fund

Status of the project: This is a future purchase to replace existing equipment.

Snowblower Equipment, continued:



68. PUBLIC WORKS – Sidewalk Upgrades and Replacement

Whittier is slated to undergo rehabilitation of the Whittier Core Streets and storm drain system. The project is currently slated for approximately 2029, depending on the availability of funding. The Sidewalk upgrade project could be moved up to coordinate with the street and storm drain system project to achieve economies of scale, but that would require funding to be in place. Whittier's sidewalks are in fair condition in some areas, good condition in others, and non-existent in other areas of town. The public works department will prioritize the need for sidewalks and begin to develop a sidewalk replacement plan which will assist in establishing the scope and thus more realistic cost estimate, for the sidewalk replacement project. Given the significant increase in cruise visitor traffic that is anticipated in the very near future, special attention should be made to ensuring safe connections with other walkways, bike paths, and the addition of more handicapped-accessible walking path options.

Estimated Cost: \$2,090,000 over ten years

Recommended Funding: Grants

Status of the project: The City's newly completed Federal Highways Safe Streets for All Safety Action Plan will assist the City in identifying and prioritizing transportation improvements to reduce hazards and improve safety for vehicles and pedestrian traffic, especially in areas where mixed-use occurs. This Plan will be utilized to inform the need for future sidewalk upgrades and replacements.

69. PUBLIC WORKS – Paving portion of Shotgun Cove Road – Creating New Road Bed Mile 3 - 4.5

Shotgun Cove Road has become a well-loved and well-traveled roadway in Whittier, with 2026 construction completed on the first 3.0 miles of the 4.5 mile road to Trinity Point. This roadway leads to the most pristine, scenic views in Whittier and has become well used by all forms of vehicles from bicycles, motorcycles, cars, trucks, and recreational vehicles. The road bed is currently gravel and will require costly maintenance over time, to clear the many ruts and potholes that develop due to Whittier' heavy rainfall and snowfall. The City will seek funding to pave the roadway to enhance safety and driveability, as the mixed-use of the roadway generates increasing traffic volumes.

Estimated Cost: \$10,936,942 over ten years

Recommended Funding: Federal Highway Grant Funds, State Grant

Status of the project: The project construction is completed through Mile 3.0. The City has submitted a funding request for federal funds through Mile 4.0. Shotgun Cove Road is identified in the Statewide Transportation Improvement Plan and completion of the roadway is critical to the State of Alaska's future ability to consider relocation of the Whittier airport and ferry dock and terminal.



70. PUBLIC WORKS – Plow Truck Chassis and Sander

Whittier is subject to the highest levels of precipitation in Alaska, especially in the winter when significant snowfalls result in freeze-thaw cycles that result in sheet ice on roadways and walkways. Given Whittier's dangerous road conditions, it is important to maintain safe and reliable vehicles and heavy equipment to keep the roadways clear and well sanded. High winds during the winter make for exceptionally slick road conditions so public works will evaluate and prioritize its rolling stock to determine the appropriate timing for replacement of existing sanding equipment.

Estimated Cost: \$400,000

Recommended Funding: General Fund

Status of the project: The Public Works Department has been working to develop a Motor Pool and Heavy Vehicle Replacement Plan. This Plan will assess the condition of all City vehicles and heavy equipment and include a recommended replacement plan based on the age, condition, and mileage/hours of vehicle use. This Plan will form the basis of prioritizing the replacement and timing of heavy equipment and vehicles.

71. PUBLIC WORKS – Metal Storage Building for Heavy Equipment for All Departments

The City of Whittier has some of the highest snowfalls and heaviest rains of any community in Alaska. When combined with extreme wind velocity, these weather conditions are especially damaging to heavy equipment and mechanical parts left out in the elements. The City has invested significant public funds to establish a reliable fleet of snow removal equipment, road graders, fire trucks, rescue vehicles, portable harbor restroom trailers, sewer pump-out carts, dump trucks and other critical response equipment, police responders, public works and harbor operations trucks, and passenger vehicles.

The City desires to protect its investment in heavy duty equipment by constructing a metal storage building capable of housing City equipment in order to extend the life of the equipment, maintain up-time, ensure start-up reliability, reduce maintenance costs including mechanic staff, and protect its financial investments in equipment.

Estimated Cost: \$1,200,000

Recommended Funding: Lease/Purchase repaid by General Fund, or use of General Fund Reserves.

Status of the project: The Harbor and Public Works Departments will collaborate to identify the types/size of equipment which are needed for protection from the elements in a new metal storage building, and discuss optional building locations for City Council consideration.

CITY OF WHITTIER
WATER (ONLY) PROJECTS
2027 – 2036 CAPITAL IMPROVEMENT PLAN

72. Head of Bay New Water System	20,060,000	2030
Total:	<u>\$ 20,060,000</u>	

72. WATER– Head of Bay New Water System

This project will support current and future commercial, recreational and tourism development at the Head of Passage Canal (HOB) including the goal of providing municipal water to the cruise ship terminal and proposed new small boat harbor. This development would be designed to accommodate a large hotel and may include single and multi-family housing units upon completion, simply to ensure that the system is over- rather than under-sized from inception. The HOB consists of unconsolidated glacial materials similar to that of the Whittier townsite and has streams fed by both Learnard Glacier and Shakespeare Glacier. The unconsolidated materials and presence of glaciers make it likely that wells with the ability to provide significant quantities of groundwater can be developed. The presence of several existing wells at the HOB bolsters this assessment.

Development of a well site will be in an area up-gradient from potential sources of contamination and away from possible saltwater intrusion. The danger of avalanches will be considered in locating water system components. Wells will be sized and developed to ADEC requirements to have a minimum capacity of 500 gpm. A water storage tank is required to supply domestic water demands and fire flows and to minimize well pumping operations. The tank will be located at an adequate elevation to provide gravity flows to the entire distribution system, approximately 230 feet above mean sea level. The tank will be sized for 500,000 gallons to accommodate domestic and fire demands.

The project is expected to include two municipal wells, well house facility, water storage tank and water distribution system. The water system will have 4,500' feet of water main, gate valves every 1,000 feet, and a minimum of five fire hydrants.

Estimated Cost: \$20,060,000

Recommended Funding: ACWF 1.4% Loan/Grant/CPV

Status of the project: Preliminary planning and design



CITY OF WHITTIER
WASTEWATER PROJECTS
2027 – 2036 CAPITAL IMPROVEMENT PLAN

73. Sewer Dump Station	\$ 38,028	2029
74. Head of Bay New Wastewater System	13,098,500	2030
75. Sewer Vac Trailer	150,000	2031
76. New Waste Discharge Facility; 301H compliance	15,000,000	2034
Total:	<u>\$28,286,528</u>	

73. WASTEWATER– Sewer Dump Station

This project will address a growing need for the ability of RVs, campers, and travel trailers to dump sewage while in Whittier. Currently, there is evidence of campers illegally dumping septic in the woods or other unauthorized locations due to the lack of dump station options in Whittier. Public Works Director recommends considering 1000 gal septic tank with concrete apron, water trailer, pump, batteries, excavation and install. Funding for this is not addressed in the 2027/8026 Budget, but if Council wishes to pursue this project sooner than 2027, an appropriation from Reserves would be needed.

Estimated Cost: \$38,028

Recommended Funding: City Funding

Status of the project: Preliminary Planning

74. WASTEWATER– Head of Bay New Wastewater System

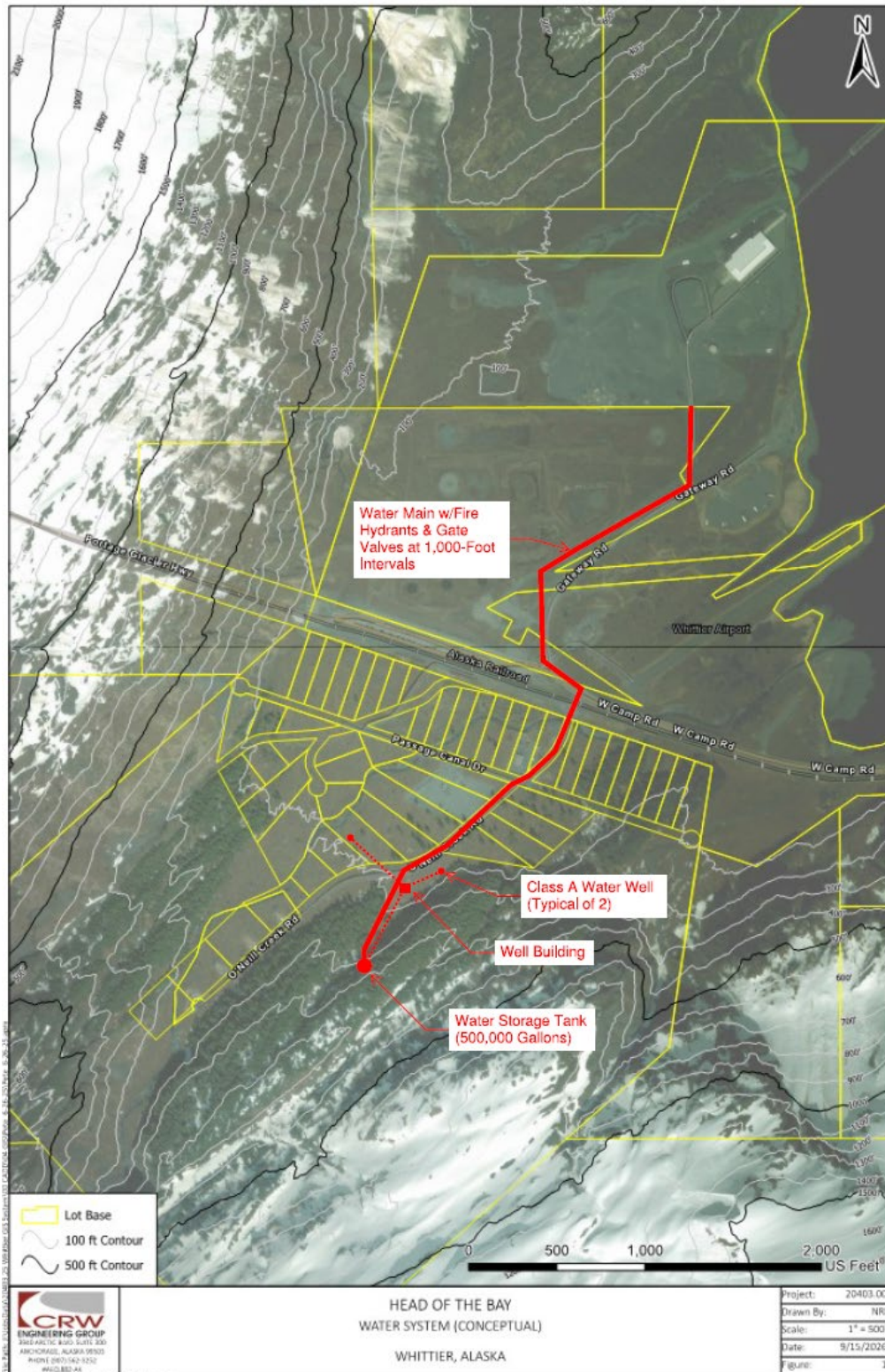
This project will address current and future commercial, recreational and tourism development at the Head of Passage Canal (HOB) including the new cruise ship terminal and a new small boat harbor. This development could accommodate a large hotel and may include single or multi-family housing units upon completion of a new municipal sewer system. The system would be designed to support demand approximately equal to the existing Core Area of Whittier. The HOB consists of unconsolidated glacial materials similar to Whittier townsite. The topography slopes briskly from mountains to tidewater, minimizing the need for wastewater lift stations. The collection system will be designed to serve the area by gravity and will flow to a central location where it will be treated prior to discharge. The project includes a secondary wastewater treatment facility to be constructed inside a new building for odor control and protection from the environment. An ocean outfall will be constructed to convey treated effluent. The sewer collection system will have 3,000 feet of sewer mains, manholes at approximately 300-foot intervals, and sewer services.

Estimated Cost: \$13,098,500

Recommended Funding: Combined Federal/State/CPV

Status of the project: Preliminary Planning and Design.

Head of Bay Water System, continued:



75. WASTEWATER– Sewer Vac Trailer

The current sewer vacuum container trailer is reaching the end of its useful life. The City would purchase a large sewer vac unit that could be installed on the existing flatbed truck (this truck is used as a sander in the winter and would be used as a sewer vac truck in the summer). This piece of equipment is a critical component of the City's wastewater operational equipment.

Estimated Cost: \$150,000

Recommended Funding: City Funding

Status of the project: As the project timing gets closer (currently slated for replacement approximately 2029), staff will investigate pricing options per the State and other governmental bids, to obtain the best pricing for the unit.



76. WASTEWATER– New Wastewater Discharge Facility 301H Compliance Mandate

The City currently maintains a 301H waiver related to wastewater discharge. Communities in Alaska are looking to the future for solutions to address EPA requirements and Whittier will evaluate potential options for developing a wastewater discharge facility.

Estimated Cost: \$15,000,000

Recommended Funding: Grant Funding

Status of the project: The Public Works Director continues to work with EPA and engineers to consider alternative wastewater discharge management options.

Image not necessarily representative

CITY OF WHITTIER
WATER AND WASTEWATER COMBINED PROJECTS
2027 – 2036 CAPITAL IMPROVEMENT PLAN

77. Water/Sewer Rate Classification Plan	\$ 50,000	2027
78. Water/Sewer Master Plan	200,000	2027
79. W. Whittier Street Water/Sewer Extension	4,964,000	2027/2029
80. Utilities to Whittier Falls Park	330,000	2029
81. Extend Water/Sewer for residential development	787,500	2029
Total:	<u>\$6,331,500</u>	

77. WATER/SEWER– Rate Classification Plan

The Water/Sewer Enterprise Fund has not had a formal external rate study for more than a decade. The purposes of this study is not only to determine the adequacy of local water and sewer rates to determine their sufficiency to cover operating and capital costs of the utility, but also to determine the appropriateness of the rates by classification. The study will identify the extent to which the cost causers are being assessed appropriate rates to cover the costs borne by the utility to service them. This will likely focus on the largest utilizers of City water, including the seafood industry, cruise industry, harbor, and other large users.

Estimated Cost: \$50,000

Recommended Funding: Local Funds

78. WATER/SEWER– Water/Sewer Master Plan

The City's water and sewer utility completed significant capital upgrades in 2025 and 2026. The Lift Station No. 5 Project was completed in 2025 and replaced a significant portion of the City's wastewater system assets. Likewise, 2026 saw the complete replacement of the City's previous water wells and water well station buildings with a new water well system which increased the City's water supply capacity, upgraded water pump size resulting in the City's ability to meet higher water demands, improve firefighting capacity, providing better water pressure, and ensuring the safety of the City's water supply for decades to come.

This Water/Sewer Master Planning effort will focus on the next phase of Whittier's growth and identify how best to meet the growing demands on the City resulting from expansion of the cruise industry, extension of Shotgun Cove Road to open residential and commercial building sites to one day tie in to the City's system , and ensure the City is able to meet regulatory changes related to the treatment and disposal of wastewater. A community of 277 residents is subject to much less restrictive regulatory standards for the disposal of waste, compared to a community experiencing an influx of more than one million visitors per year.

Estimated Cost: \$200,000

Recommended Funding: Local Funds

79. WATER– West Whittier Street Water Main & Sewer Extension

This project will complete a looped water system for the western area of Whittier, including current Cruise Ship Terminal, Cliffside Marina, Harbor Loop, Whittier Small boat Harbor and part of the Harbor Front. Project will improve water pressure to improve fire-fighting capabilities and reduce the need to disrupt water supply to cruise ships and others during significant water-use events.

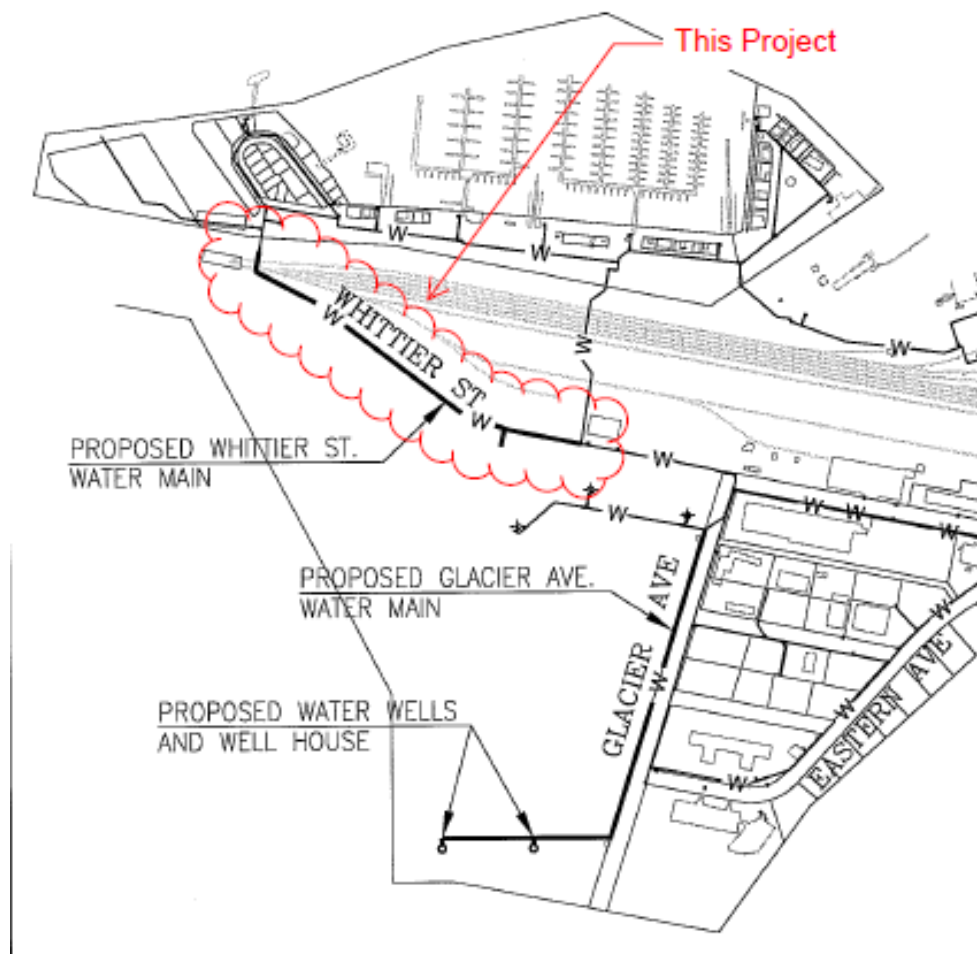
Current water supply to the harbor is through a 10-inch main from Whittier Street, north across the ARRC yard near Glacier Avenue, then across railroad yard, main splits east and west. The eastern 10" main loops each to Blackstone Road and ties back into supply system. The main to the west includes a section of 6" pipe that connects to 10" pipe near Harbor Loop tract. Cruise ships take on water at end of the western section providing valuable revenue source to City's water system. The main is adequate to meet domestic demand at harbor but in the event of a fire, the 6" main will not allow adequate pressure to be maintained through harbor.

A new connection from the water system on Whittier Street to the western harbor area will increase water pressure and maintain during fire event. New connection will consist of 10" water main extension along west Whittier Street from Glacier Ave to the railroad cross, tie-ing into existing water main. Will provide water flows directly to western area of harbor and will facilitate new development along Whittier Street and possible future development west of the City.

Estimated Cost: \$4,964,000

Recommended Funding: ACWF Loan/Grant/City

Status of the project: Design complete. Will include: West Whittier Street Water Main: 1,360' water main, 1,360' remove/replace/roadway, 3 gate valves, 3 fire hydrants, 2 water services



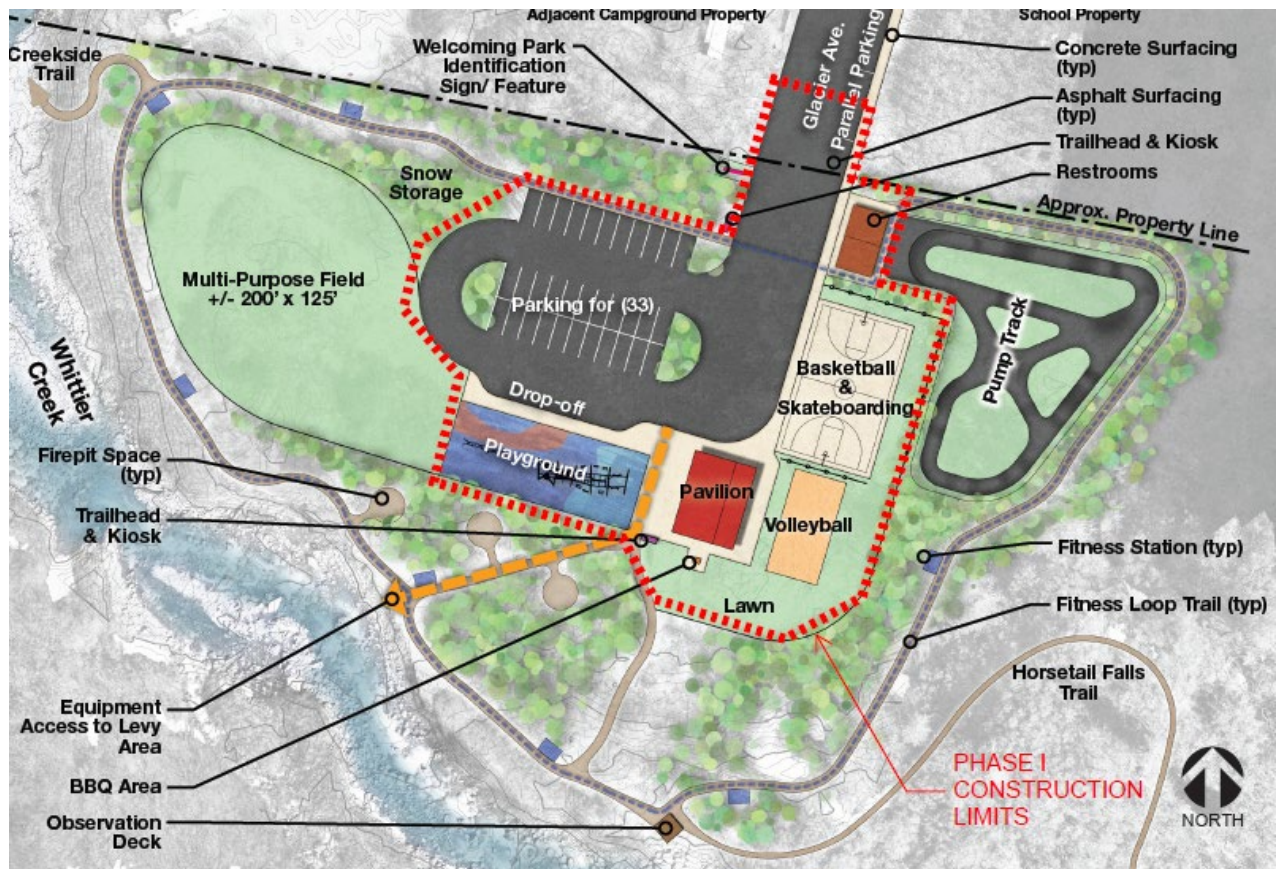
80. WATER/SEWER– Extend Utilities to the new Whittier Falls Park

The City Council has previously conducted planning and design work to create a new City Park at the south end of Glacier Avenue, up the hill from the Whittier School. This location does not have existing water and sewer utilities. If the City Park is located in this area, utilities will need to be extended because the project's Master Plan (June 2018) includes public restrooms, a pavilion, and a barbeque area. The project envisions installation of water, sewer, electric, and natural gas utilities.

Estimated Cost: \$330,000

Recommended Funding: ACWF Loan/Grant/City

Status of the project: Planning and discussion stage.



81. WATER/SEWER– Extend Water and Sewer for Future Residential Development

Whittier is facing increased economic expansion related largely to expansion of cruise ship activities and the addition of a new cruise terminal. Whittier is experiencing increased demand for residential housing for both year-round and seasonal employee housing, with very little inventory on the market, and with residential condo prices having doubled in recent years. In addition to cruise activity, the community is looking to possible future projects such as construction of a new boat harbor, sale of parcels along Shotgun Cove Road, possible City ownership of current Alaska Railroad non-essential lands, and other development opportunities. To allow for residential expansion in the Whittier core, water and sewer utilities will need to be extended to the north of Whittier Street, and to the west of Glacier Avenue.

Current water supply is through a 10-inch main from Whittier Street, north across the ARRC yard near Glacier Avenue. The Water utility is seeking funding to extend water and sewer West along Whittier Street. This project could be combined with that project, or the two could proceed separately, depending on funding opportunities. These two projects will facilitate new development along Whittier Street and Glacier Avenue, improving the feasibility of residential development west of the City's existing infrastructure.

Estimated Cost: \$787,500

Recommended Funding: ACWF Loan/Grant

Status of the project: Planning and discussion stage. No design work has been started.



**CITY OF WHITTIER
HARBOR PROJECTS
2027 – 2036 CAPITAL IMPROVEMENT PLAN**

82. Harbor Loop Restroom Replace	900,000	2027
83. Kayak Launch Passenger Dock	52,000	2029
84. Grid Improvements (elec,lighting,water)	124,800	2029
85. Harbor Triangle Restroom Replace	936,000	2029
86. Smittys Cove Launch Ramp Replacement	2,546,100	2029
87. Replace Wooden Harbor Walking Path	243,360	2030
88. Harbor Float Lighting Improvements	214,157	2031
89. Harbormaster Building Replacement	7,260,000	2031
90. Ocean Dock Modernize/Upgrade	892,800	2032
91. Improve Used Oil Collection	495,600	2033
92. Head of Bay Breakwater w USACE	41,037,500	2033
93. Land Expansion pile/decking/utilities	10,032,000	2034
94. Head of Bay New Boat Harbor	39,074,400	2034
95. Mariners Memorial	600,000	2035
96. City Dock Replacement w/drive down	22,000,000	2036
97. Additional Fish Cleaning Station	2,750,000	tbd
98. Floating Breakwater	500,000	tbd
99. Harbor South Sheetpile Wall w/anodes	800,000	tbd
100. Harbor North Breakwater Sheetpile Wall	800,000	tbd
Total:	<u>\$131,258,717</u>	

82: HARBOR – Harbor Loop (west end) Restroom Replacement

Current Harbor corridor restrooms were constructed in the late 1990's and have reached their useful service life and no longer meet visitor capacity. This project includes demolishing and disposing of the current restroom, expanding the footprint, and constructing a modern multi-stall restroom. Identified funding for this project may be inadequate to construct the type of desired facility, as this location arguably receives the greatest number of visitors other than those launching boats. One challenge of relocating this restroom is adequate space to construct a facility that will meet all of the needs in this prime location.

Estimated Cost: ROM estimate is \$900,000

Recommended Funding: Harbor MRRF, WBPF

Status of the project: Planning, identifying size requirements, number of desired stalls, availability and adequacy of water/sewer, etc.



83: HARBOR – Kayak Launch at Smitty's Cove

Investigate an appropriate kayak launch that can be located at Smitty's Cove to avoid harbor vessel traffic. Ideally, kayakers will have multiple alternative locations in Whittier from which to launch kayaks; this would be only one possible location. Consider installing kayak storage racks if space is available, that will be available to rent, offering kayakers a convenience space to store kayaks since Whittier lacks available kayak storage options.

Estimated Cost: \$50,000

Recommended Funding: Harbor MRRF - WBPF

Status of the project: Planning phase. Council passed Reso 2024-024 on 8/21/24 as sponsored by Port & Harbor Advisory commission, to designate Smittys Cove as recreational launching area and commits to make necessary improvements to include carts, racks, ground improvements, etc. A Kayak Launch fee of \$5.00 is implemented effective 1/1/25. Parks & Rec had also suggested consideration of a location at Passenger Dock and is investigating preferred floating kayak launch configuration, including storage rack options.



84: HARBOR – Grid Repairs

Grid is in good working order. This project would install electrical service, on-demand lighting, and water service.

Estimated Cost: ROM estimate is \$124,800

Recommended Funding: Harbor/MRRF

Status of the project: Planning



85: HARBOR – Harbor Triangle Restroom Replacement

Current Harbor corridor restrooms were constructed in the late 1990's and have reached their useful service life and no longer meet visitor capacity. This project would demolish and dispose of the current restroom, expand the footprint, and build a modern multi-stall restroom. Depending on the size and style of the desired facility upon completion of planning/design, cost estimate is likely to increase over estimates based on earlier replacement of like with like facility.

Estimated Cost: ROM estimate is \$936,000 Recommended Funding: CPV

Status of the project: Planning. The City will likely wish to consider restroom facilities similar to those on the other side of the tunnel and at the Wildlife Conservation Center, as possible models for replacement.



86: HARBOR – Smitty's Cove Launch Ramp Replacement

The launch ramp was constructed in the late 1980's early 1990's. It is 250' in length and 26' wide. Primary use is for commercial landing craft servicing cargo, fuel, groceries, heating fuel, materials and supplies critical to reach the communities of Prince William Sound to include Tatitlek, Chenega and the various hatcheries located throughout the Sound. The ramp is also used by various crafts, kayakers and others recreating in Prince William Sound, as the Smitty's Cove parking lot is convenient to kayakers. The ramp has degraded to a dangerous point with large chunks of concrete missing and rebar exposed, making it hazardous to vehicles, vessels and individuals attempting to launch from this location. This ramp is in immediate need of replacement.

Estimated Cost: Awaiting bid for replacement. Short-term solution is to repair with concrete planks. Longer-term solution is complete replacement. Cost Estimate \$2.05 Million

Materials and supplies = \$1,298,050

Permits, demo, contractor installation = \$1,298,050

Recommended plan for funding: Grant

Status of the project: this project is in the planning stage and staff is evaluating potential grant sources.



87. HARBOR –Replace Wooden Harbor Walking Path and Associated Lighting

The current wooden boardwalk on the harbor corridor is in poor condition due to rot. It does not meet current ADA requirements. This project would replace the current 250 ft wood boardwalk with a 4/5' wide asphalt walking path similar to the path constructed in 2023 on the East side of the Harbor Launch Ramp, adjacent to the businesses in the Harbor-Basin side of the Triangle. The path would include expanded "bump-out" areas to facilitate picnic tables and benches. Utilize current lighting infrastructure with new LED architectural light standards.

Estimated Cost: ROM estimate is \$243,360

Recommended Funding: CPV

Status of the project:
Planning and Design



88: HARBOR – Harbor Float Lighting Upgrades

The Whittier Harbor is located in an area that experiences high winds and severe winter weather, making adequate lighting a critical component of harbor safety. Extreme weather events and relatively narrow walkways make for dangerous walking conditions, especially in the winter. Existing light fixtures on some floats are seriously degraded and/or non-functional and require replacement as soon as possible. The City has committed to balancing the need for safe and appropriate lighting with goal to minimize light pollution on nearby residences, and to install energy efficient lighting solutions. The new Phase III float replacement project will involve installation of new lighting in approximately 1/3 of the harbor. The project identified in this particular CIP project, does not include the lighting fixtures which will be part of the A/G/H float replacement project.

Estimated Cost: ROM estimate is \$214,157

Recommended Funding: Harbor Fund

Status of the project: Planning

89: HARBOR – Harbormaster Building Replacement

Age of current building is unknown. Siding was installed in 2016. The office building is not ADA compliant; the restrooms are in need of repair and upgrade. A significant amount of work needs to be completed to bring the building up to date and compliance. All exterior doors require replacement. The roof has several leaks during heavy rain events. Workspace for operations is small with very limited storage and work surfaces. Restrooms require a full overhaul to remain serviceable.

Estimated Cost: ROM estimate is \$7,260,000

Recommended Funding: State Grant

Status of the project: Planning



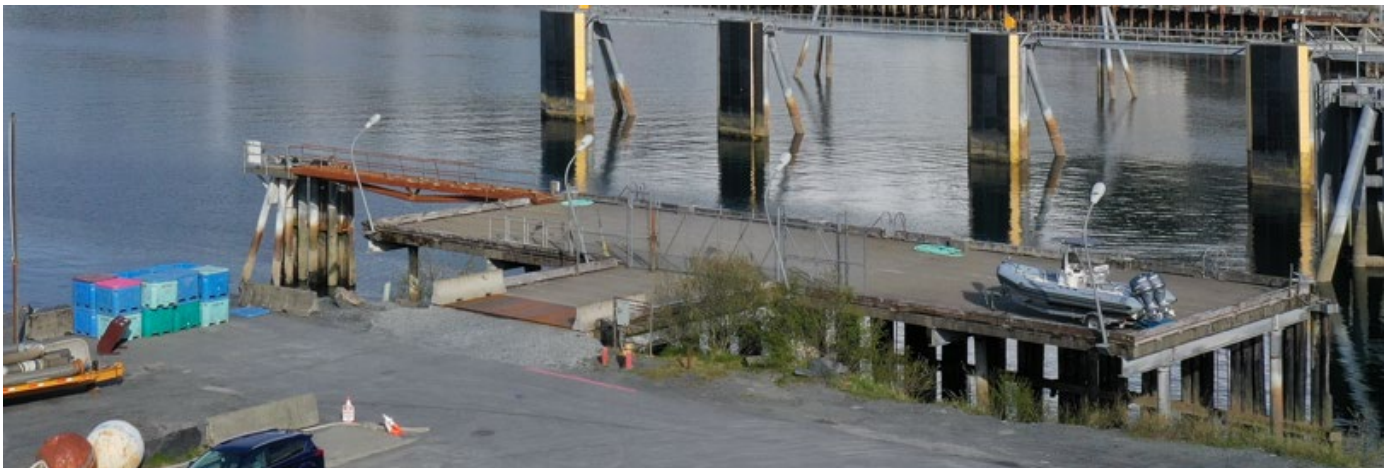
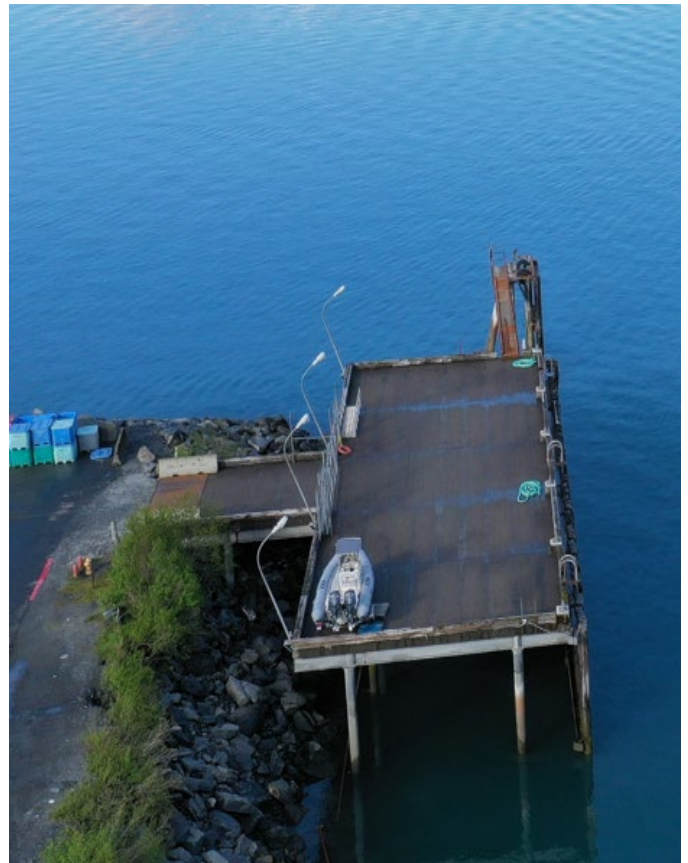
90: HARBOR – Ocean Dock Modernization, approach repair, addition of electric

Little is known about the Ocean Dock. The City hired CRW structural engineer to evaluate the load ratings related to the steel plates spanning between the Ocean Dock platform and concrete abutment in July 2022 which determined the plate is adequate for 24,000 axle load kept 3-ft clear of the side edges of the steel plate. The City plans to solicit an engineer report to evaluate load rating, produce “as-built” drawings, and develop a repair plan to upgrade damaged concrete approach panel closest to the paved road. This project would repair the approach, install appropriate fresh water supply, install electricity, and repair lighting.

Estimated Cost: ROM estimate is \$892,800

Recommended Funding: Federal funding and Delong Dock MRRF

Status of the project: Planning.

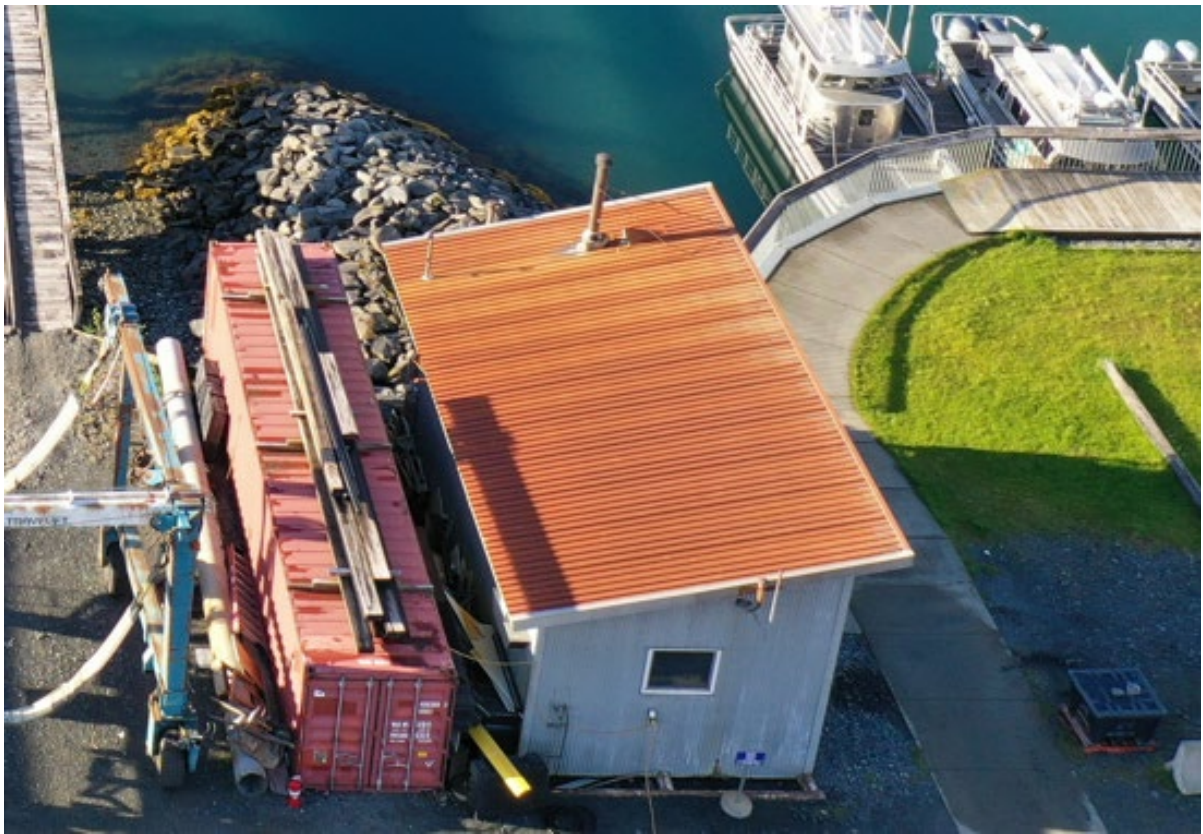


91: HARBOR – EVOS Used Oil Collection & Recycling Modernization

EVOS building was constructed in the early 1990's and many of the components need replacement. Waste oil burner is non-operational which requires contractor removing waste oil when we reach our current 1250-gallon storage capacity. Fire suppression system has not been maintained or tested since 2010. The doors to the building are in disrepair and will require a full replacement of the door frame/jam and doors or install a roll-up door. Replace incinerator. A more user-friendly oil collection system/tank needs to be designed to ensure proper collection, storage and filtration prior to waste oil burning.

Estimated Cost: ROM estimate is \$495,600 Recommended Funding: Grant/MRRF

Status of the project: Planning



92. HARBOR – Head of Bay Breakwall Construction

The City has been working with the US Army Corps of Engineers to determine the feasibility of various breakwall options at the Head of the Bay, to protect future capital infrastructure. One option involved a breakwall to protect a proposed boat launch ramp. Another option seeks a cost-effective solution to provide protection for construction of a future larger-vessel boat harbor.

Estimated Cost: \$41,037,500

Recommended Funding: Grant plus required City match

Status of the project: Planning and feasibility analysis with USACE



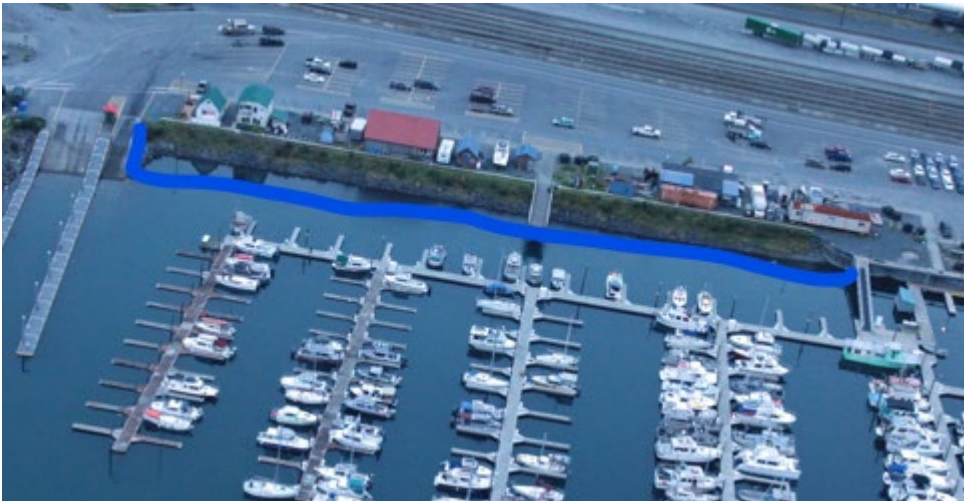
93: HARBOR – Extend Sea-walk/Boardwalk East to Launch Ramp, Create new Uplands with Pile/Decking

Given the lack of developable land in Whittier, and especially the disincentives for long-term development resulting from the Railroad Master Lease, consider expanding the amount of developable land in the harbor by utilizing the City's tidelands, create a buildable deck structure with pilings and decking, including installation of all necessary utilities. The area to be considered is represented by the blue line in the first photo below; the second photo reflects the continuation of the boardwalk that could result from construction of a new piling-supported dock structure on which businesses could be built and developed. Potential for up to ten new business opportunities in this area, and given ownership by the City, could allow for longer-term leases that could also support second story employee housing, helping to ease the seasonal housing burden in Whittier.

Estimated Cost: ROM estimate is \$10,032,000

Recommended Funding: Public/Private, CPV

Status of the project: Planning



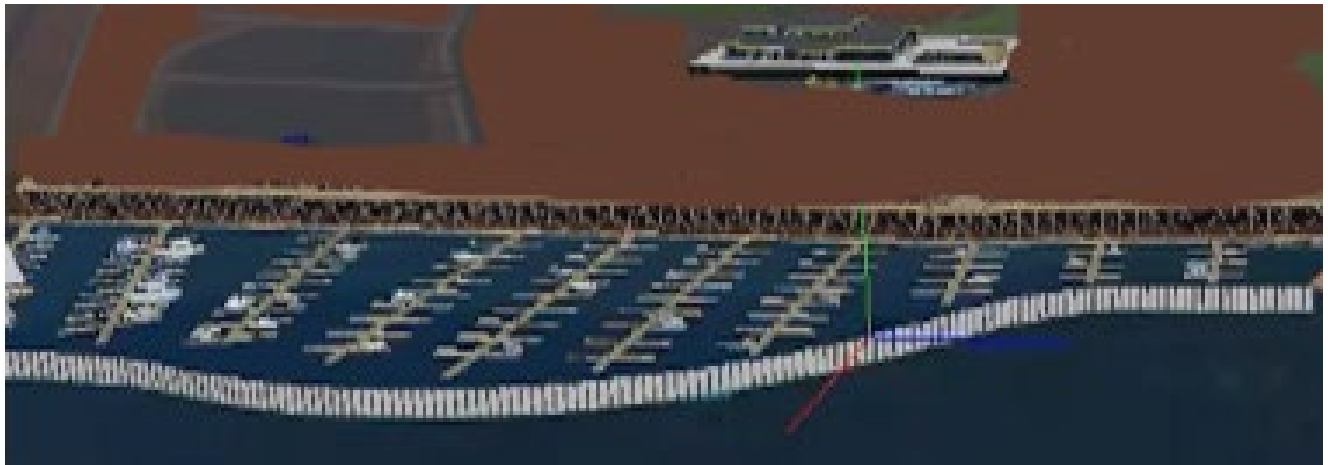
94. HARBOR– Head of Bay New Boat Harbor

Whittier's harbor has a significant wait list with the capacity to justify construction of a boat harbor at the Head of the Bay. Given the proven demand based on waiting lists, the City could support construction of the harbor floats with revenue bonds backed by the revenues from moorage. Before construction of a harbor can be considered however, the City would need to construct some form of protective breakwall as envisioned in the above capital project. The City has partnered with the US Army Corps of Engineers and has requested a revision to the feasibility analysis given new economic development opportunities at the HOB.

Estimated Cost: \$39,074,400

Recommended Funding: Combine Grants and Revenue Bonds

Status of the project: Working with USACE on feasibility study. Subject to future public input sessions and Council direction.



95. HARBOR – Mariner's Memorial

The heart and soul of Whittier is found in the beauty and waters of Prince William Sound, home to seafarers and mariners, many of whom make their living and/or choose to spend their time recreating throughout the Sound. In recognition of the mariners who have lost their lives at sea, the community may consider constructing a mariner's memorial to honor those we have lost.

Estimated Cost: ROM estimate is \$600,000

Recommended Funding: Private fundraising

Status of the project: When funding becomes available, will request Port & Harbor Commission investigate design options appropriate to Whittier's weather conditions and proximity as gateway to Prince William Sound.



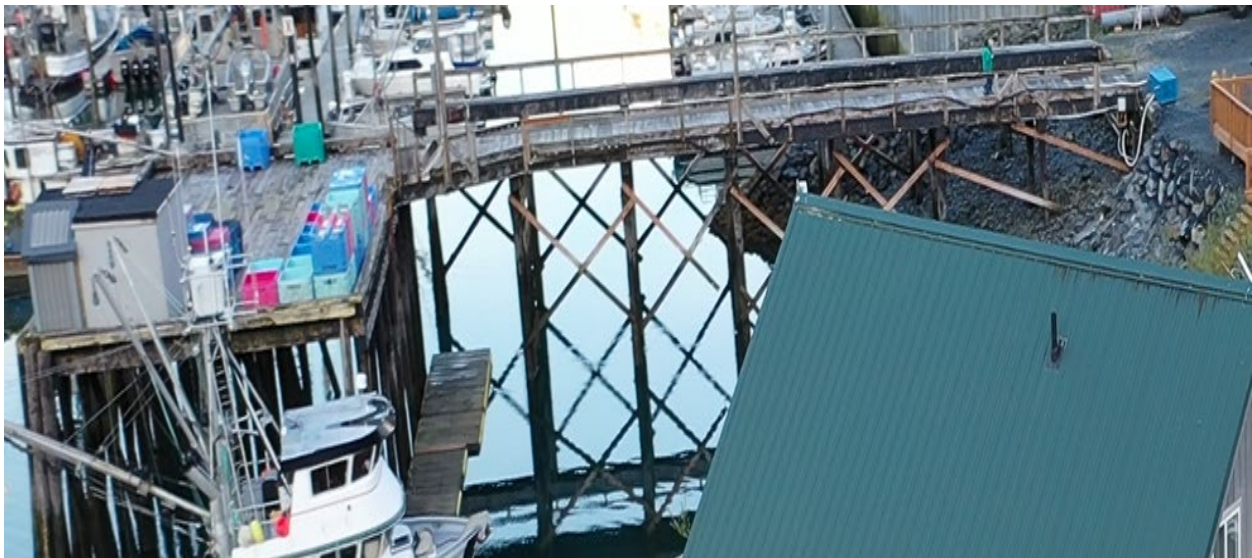
96: HARBOR – City Dock Replacement with drive-down dock

The City Dock is nearing the end of its useful life. This project is in the planning stage. Given the type of commercial use of this dock, consideration should be given to a drive-down dock with several cranes capable of facilitating loading and unloading of cargo and commercial gear. Such capacity would prove much more advantageous for Whittier's commercial fishing fleet, plus serve the tourism-related vessels that load kayaks, hunting and fishing gear, etc. Drive down floats are in use throughout Alaska. There are current engineering plans available thus reducing the overall engineering and design.

Estimated Cost: ROM estimate is \$22 million

Recommended Funding: Federal grant

Status of the project: Planning. City dock was evaluated in 2021 for its current capacity load bearing condition. The engineering report recommended not to exceed 16,000 lb load rating which disqualifies the use of the Travel-Lift. Replacement cost to meet the 30-ton load limit for travel lift operations would cost an estimated \$22,000,000.



97: HARBOR – New Fish Cleaning Station

The Whittier Harbor charter boat operators and area fishing enthusiasts would be better served by any enhancements, additions and upgrades that could be made to the Whittier's fish cleaning operations. As shown in the explanation below, Whittier's fish cleaning tables are more than 20 years old. The Harbor would be well served by providing upgraded fish cleaning stations to serve the needs of a safe and efficient fish cleaning station to serve pleasure crafts and charter boat operators. A well designed and constructed fish cleaning station can ensure that fish carcasses are properly and safely disposed of, and in such a way as to minimize impacts to sea lions, shore birds, as well as to minimize pollution.

Estimated Cost: ROM estimate is \$2,750,000

Recommended Funding: ADF&G and/or CPV

Status of the project: Planning



Whittier's fish cleaning stations were installed in partnership with the Alaska Department of Fish & Game, Division of Sport Fish Access Program. Existing infrastructure is more than 21 years old and is inadequate to meet the growing needs of the Whittier boating community. The program was described when initially completed:

Description

In 1998, the Alaska Department of Fish and Game (ADF&G), Division of Sport Fish (DSF) Access Program provided the City of Whittier (City) with four fish cleaning tables that were installed on the mooring floats in the harbor. The tables were constructed to provide sport anglers facilities for cleaning their catch and to discourage the practice of cleaning fish directly on the harbor mooring floats. Unfortunately, the existing tables proved too small to accommodate halibut or other large species of fish and did not include carcass barges or other means for disposing of fish waste. Additionally, the tables were not plumbed resulting in messy tables that impeded those anglers wanting to use them. Sport anglers were seen cleaning fish on the harbor docks, loading ramps, banks and private vessels, resulting in a significant increase in the number of carcasses and fish waste deposited in and around the harbor area. Boat owners lodged complaints with the harbor master concerning anglers cleaning fish on the docks alongside their vessels and on their vessels swim platforms. This project provided new fish cleaning and fish waste disposal facilities in Whittier Harbor in order to address current and growing angler needs.



Cleaning table & dock #1 - View 1



Cleaning table & dock #1 - View 2



Cleaning table & dock #2 - View 1



Cleaning table & dock #2 - View 1

Purpose

The objective of this project was to design, construct, and install three plumbed fish cleaning tables, two floating docks, and five carcass barges at key locations on the boat mooring docks in Whittier Harbor.

Outcome

The project was completed in May of 2002. Two of the tables were mounted on the new docks; the other one was mounted on an existing dock. The two additional barges were constructed to eliminate down time at the tables when the full barges were being emptied. The cleaning tables were used heavily during the first season of operation. The tables and barges not only provide sport anglers with the convenience of cleaning their catch in the harbor, but also have greatly improved fish waste disposal procedures resulting in a cleaner harbor. An additional benefit has been to streamline collection of data from groundfish carcasses by ADF&G technicians as needed for the ADF&G, DFS Halibut and Groundfish Harvest Assessment Program research project. This assessment program is a critical component in assessing and managing the fisheries in western Prince William Sound.

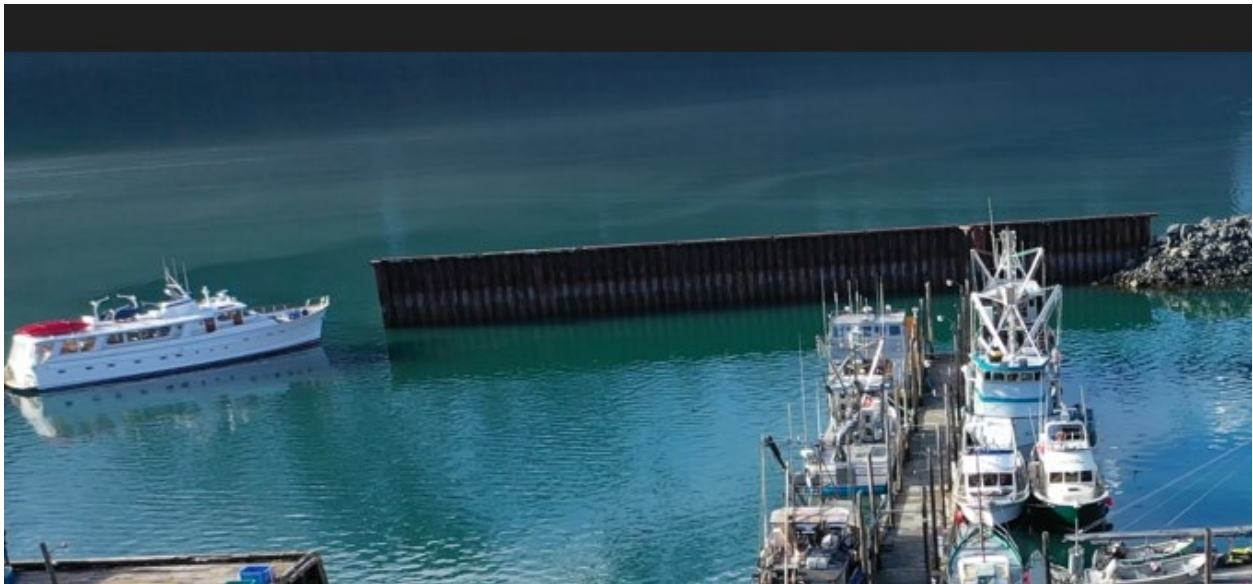
98: HARBOR – Floating Breakwater

The Whittier Harbor floating breakwater is currently in good condition. However, given the extreme weather conditions facing Whittier, and the important role played by this breakwater in reducing wave action in the Harbor basin, this project will need to be evaluated and funding sought, to ensure that the infrastructure is replaced and/or upgraded in a timely manner.

Estimated Cost: ROM estimate is \$500,000

Recommended Funding: Grants

Status of the project: As a funding opportunity is identified, the Administration will work with the Port & Harbor Commission to discuss the project and any needed modifications or improvements.



99: HARBOR – South Sheet Pile Wall with anodes

The Whittier Harbor South Sheetpile Wall is in good condition. The Harbormaster recommends evaluating the installation of anodes on the sheetpile in order to reduce oxidation and extend the life of the wall.

Estimated Cost (requires cost valuation): \$800,000
Recommended Funding: Grants/City

Status of the project: This project is not on the Harbor department's current radar because the sheetpile wall is in good condition. However, for purposes of developing a long-term funding plan, additional information will be updated as available.



100: HARBOR – Harbor North Breakwater Sheet Pile Wall

The Whittier Harbor South Breakwater Sheetpile Wall is in good condition but given the significant weather conditions and wave action that affect this infrastructure, the City should have periodic evaluations of condition.

Estimated Cost (requires cost valuation): \$800,000 Recommended Funding: Grants/City

Status of the project: This project is not on the Harbor department's current radar because the sheetpile wall is in good condition. However, for purposes of developing a long-term funding plan, additional information will be updated as available.

CITY OF WHITTIER
DELONG DOCK PROJECTS
2027 – 2036 CAPITAL IMPROVEMENT PLAN

101. Dock Replacement engineer/design	\$ 4,074,520	2027
102. Dock Replacement – construction	<u>\$52,093,488</u>	2028
Total:	<u>\$56,168,008</u>	

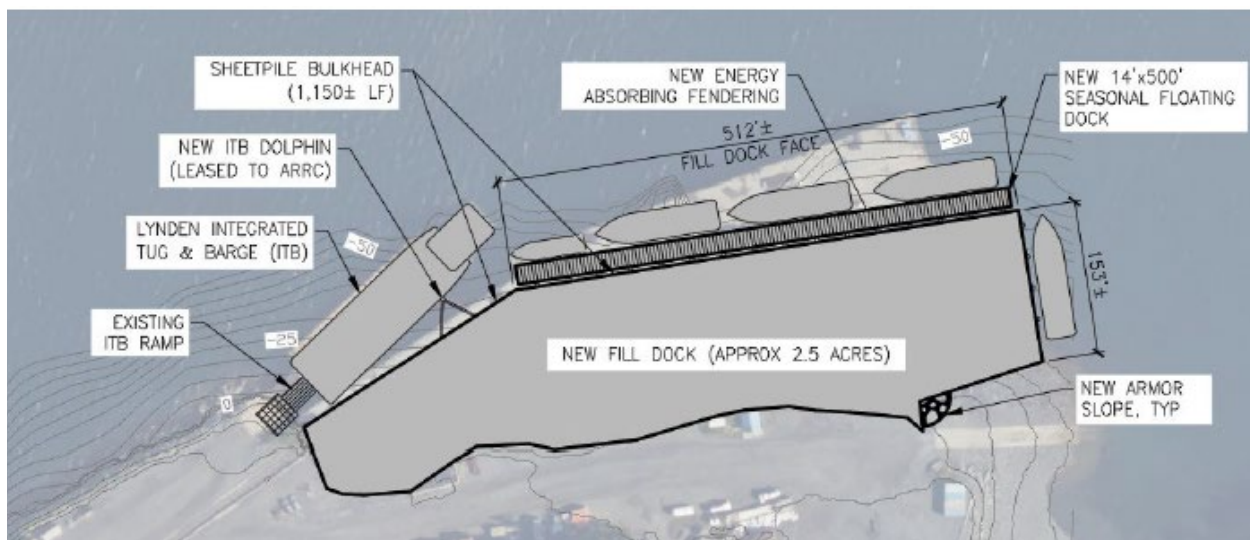
101 and 102. DELONG DOCK – Dock Replacement

This project proposes to replace the existing 70-year-old DeLong Dock which is at the end of its usable life. The intent is to expand the utility of the dock to strengthen resilient port infrastructure within Southcentral Alaska, enhance Whittier's capacity to support long-term strategic maritime and military operations in the North Pacific and Arctic regions, ensure Alaska's food security and supply chain consistency, and position DeLong Dock as a key component of Alaska's military logistical support infrastructure. The Port of Whittier currently handles a significant portion of Alaska's incoming marine cargo. In addition, the dock serves as a critical but aged component of a seafood supply chain that connects fish harvested in Alaska's Prince William Sound.

Estimated Cost: Current estimate \$57 million

Recommended Funding: Federal MARAD/PIDP

Status of the project: \$4,074,520 federal funding received; finalizing grant application and preparing RFP for project engineering and design by end of 2026.



CITY OF WHITTIER

SAFETY ACTION PLAN PROJECTS

2027 – 2036 CAPITAL IMPROVEMENT PLAN

103. Add Right Turn Lane at Whittier Street	\$ 4,074,520	> 2028
104. Traffic Calming Measures	5,000	2027
105. Mobile Speed Feedback System	15,000	2027
106. Harbor covered sand/gravel at launch ramp	5,000	2027
107. Wayfinding similar to PWSEDD	127,920	2028
108. Intersection Sign/Distance Improvements	22,464	2028
109. Shuttle Connections	187,200	2028
110. Railroad Passenger Platform Crossing Improvements	183,300	> 2028
111. Harbor Crosswalks Stop Signs Pedestrian Improvements	tbd	
112. Sidewalk ADA Rehabilitation	2,215,400	> 2028
115. Multi-Use Pathway Network	2,484,000	> 2028
114. Street Lighting -	tbd	> 2028
115. Pedestrian Tunnel Lighting and Drainage	<u>tbd</u>	> 2028
Total:		<u>\$10,439,364</u>

The City of Whittier was awarded a Safe Streets and Roads for All grant from the US Department of Transportation to develop a Safety Action Plan. This initiative is aimed at reducing roadway fatalities and serious injuries through comprehensive planning and implementation of safety strategies. The below projects were identified after public and stakeholder engagement and collaboration. Request a copy of the Whittier Safety Action Plan at clerk@whittieralaska.gov. Project Recommendations:

TOP FIVE	QUICK WINS	OTHER
Right Turn Lane at Whittier Street	Speed Feedback	Traffic Calming
Wayfinding and Directional Signage	Intersection Sight Distance Improvements	Pedestrian Crossing and Safety Improvements
Alaska Railroad Passenger Platform Crossing Improvements	Intersection Safety Improvements	Harbor Area Pedestrian Access
Enhance Multi-Use Pathway Network	Shuttle Connections	Tunnel Staging Area Congestion Management

103. Safety Action Plan – Add Right Turn Lane at Whittier Street

See Safety Action Plan page 36 – This is one of the Top Five Project Recommendations.

Add a right turn lane to prevent traffic backups caused by boats and trailers.

SSA Element: Safer Roads.



104. Safety Action Plan – Traffic Calming Measures

See Safety Action Plan page 36 – This is one of the Top Five Project Recommendations.

Implement wayfinding similar to that developed by the Prince William Sound Economic Development District Wayfinding Plan to improve directional signage and support pedestrian safety for key destinations, parking areas and access points. Consider updates to ensure durable signage suitable for coastal conditions is used.

SSA Element: Safer Speeds, Safer People.

105. Safety Action Plan – Mobile Speed/Feedback System

See Safety Action Plan page 36 – This is one of the “Quick Win” Project Recommendations.

Incorporate mobile speed feedback system to collect data on vehicle speeds, provide immediate feedback to drivers encouraging them to slow down and adhere to speed limits.

SSA Element: Safer Speeds, Safer People.

106. Safety Action Plan – Harbor Covered Sand and Gravel Storage at Boat Ramp

See Safety Action Plan page 37 – This is one of the “Quick Win” Project Recommendations.

Provide covered sand and gravel storage at the boat ramp to make sure that sand and gravel are available for use on pedestrian walkways throughout the winter.

SSA Element: Safer Roads, Safer People.

107. Safety Action Plan – Wayfinding Durable Signs similar to PWSEDD

See Safety Action Plan page 36 – This is one of the Top Five Project Recommendations.

Implement wayfinding similar to that developed by the Prince William Sound Economic Development District Wayfinding Plan to improve directional signage and support pedestrian safety for key destinations, parking areas and access points. Consider updates to ensure durable signage suitable for coastal conditions is used.

SSA Element: Safer Roads, Safer People.

108. Safety Action Plan – Intersection Sight Distance Improvements

See Safety Action Plan page 36 – This is one of the “Quick Win” Project Recommendations.

Clear vegetation at the following intersections to improve intersection sight distance:

- Gateway Drive/Portage Glacier Drive
- Blackstone Road/Depot Road

SSA Element: Safer Roads

109. Safety Action Plan – Shuttle Connections

See Safety Action Plan page 37 – This is one of the “Quick Win” Project Recommendations.

Create shuttle services to better connect cruise docks, harbor, train, trailheads, airport, and town.

SSA Element: Safer Roads, Safer People, Safer Vehicles.

110. Safety Action Plan – Alaska Railroad Passenger Platform Crossing Improvements

See Safety Action Plan page 38 – This is a Top Five Mid-to-Long Term Project Recommendations.

Improve railroad and pedestrian safety at the Alaska Railroad Passenger Platform through enhanced crosswalks, Americans with Disability Act (ADA) compliant ramps, advance stop bars, and improved warning signage.

SSA Element: Safer Roads, Safer People.

111. Safety Action Plan – Harbor Area Crosswalks, Stop Signs, Pedestrian Improvements

Safety Action Plan page 37 – Focus pedestrian, wayfinding, and signage improvements in Whittier’s Harbor Area, including: 1) convert angled parking on Harbor View Drive/West Camp Road to parallel parking to increase sidewalk width and consider restricting or removing parking at Harbor Triangle to improve pedestrian access; 2) Consider converting Harbor Triangle to pedestrian corridor; and 3) Redesign and clarify pedestrian and vehicle routes that pass through boat ramp to the Harbor Triangle and to the pedestrian tunnel.

SSA Element: Safer Roads, Safer People.

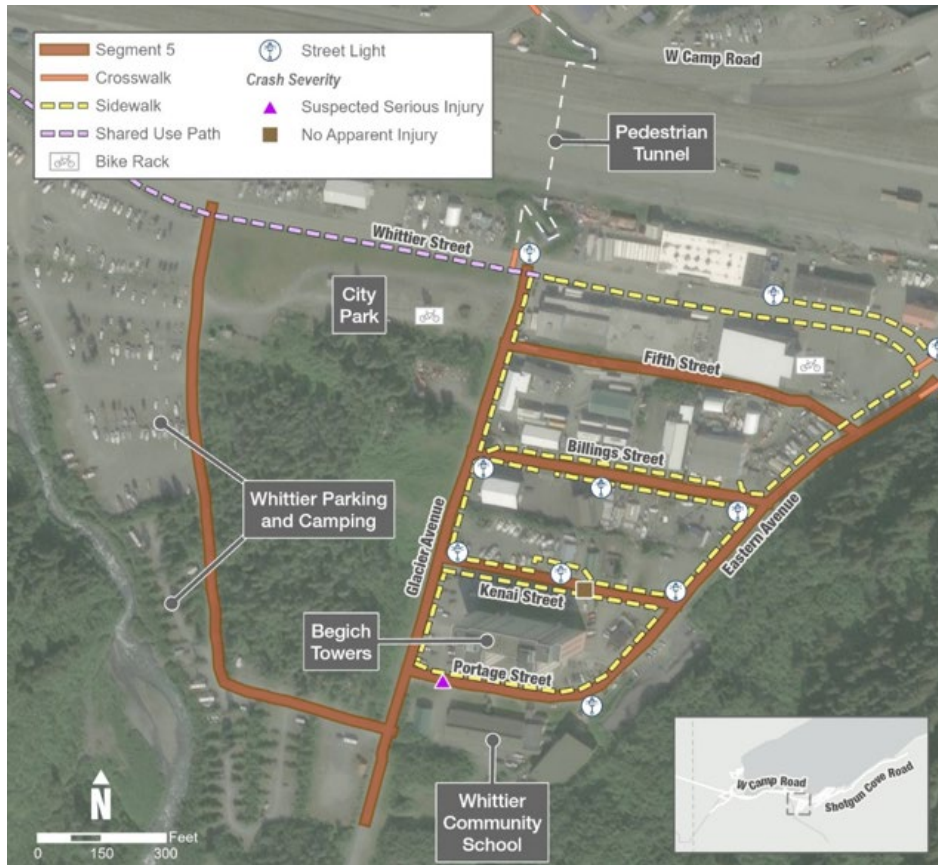


112. Safety Action Plan – Sidewalk ADA Rehabilitation

Safety Action Plan page 38 – This is one of the Top Five Project Recommendations.

Identify and reconstruct sidewalks that do not meet adopted ADA accessibility standards.

SSA Element: Safer Roads, Safer People.



113. Safety Action Plan – Multi-Use Pathway Network

Safety Action Plan page 38 – This is one of the Top Five Project Recommendations.

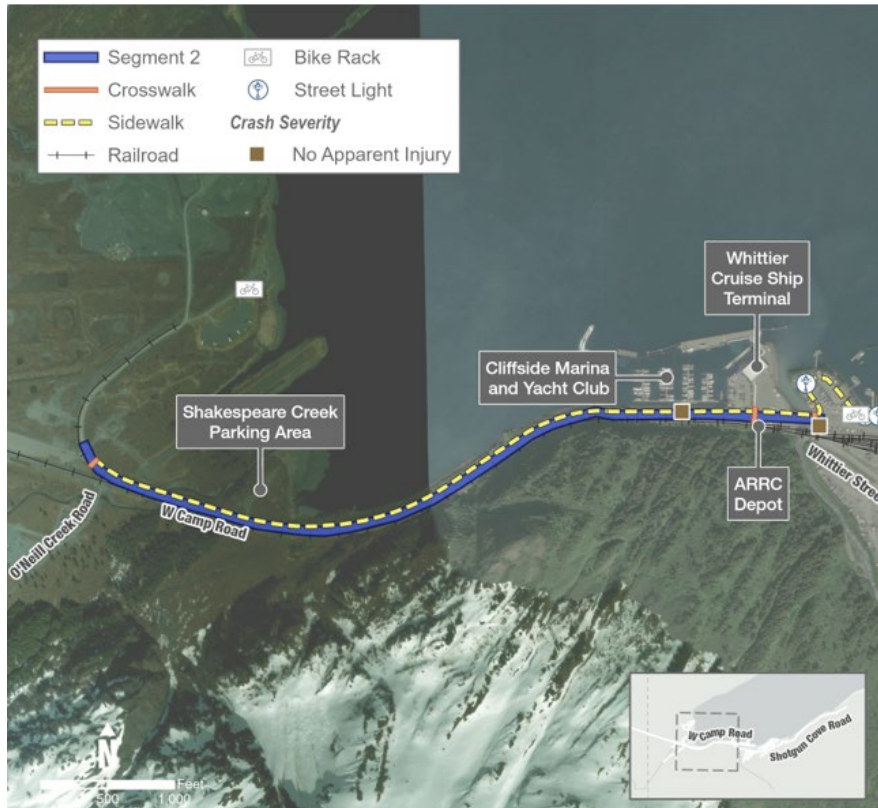
Provide a continuous multi-use pathway from the Chugach Glacier Gateway Terminal area to Ferry Terminal Road and the Harbor Triangle, including the Whittier Creek Bridge and north side of Harbor Road and Whittier Street from Harbor Road to Glacier Street. Consider connection to Portage Pass Trailhead and covered walkways in town to improve year-round pedestrian comfort.

Safer Roads, Safer People.

114. Safety Action Plan – Street Lighting – West Camp/Whittier Access Road

Safety Action Plan page 38 – Add additional street lighting to provide increased visibility along this high-use corridor.

SSA Element: Safer Roads.



115. Safety Action Plan – Pedestrian Tunnel Lighting and Drainage

Safety Action Plan page 38 – Improve lighting and drainage in the pedestrian tunnel beneath the train tracks from Whittier Street to Harbor.

SSA Element: Safer Roads, Safer People.

PREVIOUS YEARS' COMPLETED PROJECTS:

The following projects were removed from the CIP due to completion in 2024:

Harbor Projects:

Harbormaster Building Floor and Restroom Repairs	\$ 50,000
Replace Wooden Harbor Walking Path and Lighting E. Harbor	\$ 150,000

Delong Dock:

Hi-Mast Lighting Replacement (partially complete until dock replaced)	\$ 85,000
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Economic Development Projects:

n/a

Parks and Recreation:

Bicycle Racks	\$ 50,000
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Public Safety:

Police Tsunami Warning System	\$ 50,000
Fire Used Rescue Equipment	\$ 30,000

Public Works:

Lift Station #5 Replacement	<u>\$ 2,410,000</u>
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Approx. Total Value of 2024 Completed Projects:	\$ 2,825,000
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CITY OF WHITTIER
TEN-YEAR CAPITAL IMPROVEMENT PLAN
2027 - 2036

	Function	Project Description	2027	2028	Cost for 2026/2027 Projects	Total 10-Year Costs
1	Council Admin	Council Chambers wi-fi; baby changing stations; water fountain	35,000	-	35,000	35,000
2	Council Admin	Strategic/Comprehensive Plan	80,000	-	80,000	80,000
3	Econ Develop	Remove Derelict Vessels, Clean up Equip, Tires, etc.	25,000	25,000	50,000	120,000
4	Econ Develop	Dumpsters/ bear-resistant trash cans	50,000	-	50,000	110,000
5	Econ Develop	Acquisition of Non-Essential Lands from ARRC	4,500,000	-	4,500,000	4,500,000
6	Econ Develop	Buckner Building Demolition/Remediation	800,000	-	800,000	34,820,000
7	Econ Develop	Museum Multi-agency Facility; Construction	-	16,000,000	16,000,000	16,000,000
8	Econ Develop	Head of Bay Access Road	-	-	-	4,320,000
9	Econ Develop	Head of Bay Parking/Launch Ramp	-	-	-	4,024,800
10	Econ Develop	GIS and Survey Shotgun Cove Road parcels	-	-	-	1,482,000
11	Econ Develop	Develop Employee and Resident Housing	-	-	-	37,200,000
12	Econ Develop	Shakespeare Creek Fish Viewing Platform & Improvements	-	-	-	911,200
13	Econ Develop	Buckner Building Repurpose/Revitalization				40,000,000
14	Parks	Lou Young Park Engineering/Design and/or improvements	120,000	-	120,000	120,000
15	Parks	Local Trail Maintenance	25,000	27,500	52,500	173,949
16	Parks	Locate Bear-Resistant Trash Cans at Trailheads	10,000	10,000	20,000	20,000
17	Parks	Whittier Falls Park include utilities, restroom, pavilion, courts, etc	900,000	888,760	1,788,760	1,988,760
18	Parks	Kayak Racks	-	-	-	30,000
19	Parks	Playground Improvements / Outdoor soccer / Basketball court	-	-	-	75,000
20	Parks	Trails Master Plan	-	-	-	80,000
21	Parks	Horsetail Falls Trail Improvements	-	-	-	169,859
22	Parks	Existing City Park Upgrades	-	-	-	50,000
23	Parks	Restrooms -parks/trailheads: Smittys/SCR/HF/CityPark	-	-	-	400,000
24	Parks	Lou Young Park Improvements	-	-	-	1,600,000
25	Parks	Covered Community Pavilion/Barbeque (Harbor Triangle)	-	-	-	1,800,000
26	Parks	Winter Trail Improvements	-	-	-	30,000
27	Parks	Ice Rink and Sledding Hill	-	-	Unknown	-
28	Parks	HOB Coastal/Marine Park	-	-	Unknown	-
29	Parks	Salmon Viewing Trail - Second Salmon Run	-	-	Unknown	-
30	Parks	Coastal Trail along Shotgun Cove Road	-	-	Unknown	-
31	Parks	Public Use Cabins on Horsetail Falls & Shotgun Cove Road	-	-	Unknown	-
32	Parks	Mountain Bike Trails	-	-	Unknown	-
33	Parks	Campground Collaboration w USFS at Portage Pass Trailhead	-	-	Unknown	-

34	EMS	Gurney	12,000	-	12,000	70,500
35	EMS	Vehicle Repairs	18,000	-	18,000	76,500
36	EMS	EMS - Defibrillators AEDs for ambulances	63,000	9,000	72,000	81,900
37	EMS	Ambulance purchase	750,000	-	750,000	750,000
38	EMS	Extrication equipment	-	-	-	58,500
39	Fire	Fire - Paratech inline relief valves, etc.	7,000	9,000	16,000	16,000
40	Fire	Fire - Turnout Gear	15,000	15,000	30,000	60,000
41	Fire	Vehicle Repairs	27,000	32,000	59,000	59,000
42	Fire	Fire - ALMR radios	55,000	-	55,000	118,250
43	Fire	Replace Fire Truck; with options, warranty	-	-	-	648,000
44	Fire	Water Tender Truck	-	-	-	850,000
45	Fire	Fire - Hose	-	-	-	25,200
46	Fire	Fire - SCBA Equipment	-	-	-	47,520
47	Police	Police - Vehicles	90,000	90,000	180,000	389,952
48	Police	Police - Body Cameras	-	-	-	72,114
49	Police	Police - Body Armor (PPE/hard)	-	-	-	26,997
50	Police	Police - AED (Zoll)	-	-	-	8,800
51	Police	Police - Tasers	-	-	-	22,121
52	Police	Police - ALMR Radios	-	-	-	283,410
53	Public Works	Major PW equipment repairs	15,000	25,000	40,000	40,000
54	Public Works	Repairs to PSB doors and glass/casement windows/awning	15,000	27,000	42,000	42,000
55	Public Works	PSB inside doors, safety, file room, baby changing, waterfountain	43,000	-	43,000	43,000
56	Public Works	Road work related to W Whittier Street utility connect to Harbor	75,000	-	75,000	75,000
57	Public Works	Local Road work when SOA paving; City Park? Smittys Cove? Tbd	100,000	50,000	150,000	150,000
58	Public Works	Whittier Core Streets & Storm Drain Rehabilitation	250,000	-	250,000	3,869,500
59	Public Works	Support Hazard Materials Mitigation BTI/Manor Ventilation	400,000	-	400,000	400,000
60	Public Works	Brush cutter for maintenance of bike paths, Shotgun Cove Road	-	-	-	40,000
61	Public Works	New Public Work operations truck, flatbed, crane	-	-	-	86,400
62	Public Works	Snow Storage Area purchase	-	-	-	270,000
63	Public Works	Shotgun Cove Road Construction > Mile 3.0	-	-	-	16,649,407
64	Public Works	Whittier Creek Levee Repairs	-	-	-	1,715,000
65	Public Works	Loaders	-	-	-	709,500
66	Public Works	Snowblower	-	-	-	1,200,000
67	Public Works	Shotgun Cove Road Final Phase construction	-	-	-	12,000,000
68	Public Works	Sidewalk upgrades and replacement	-	-	-	2,090,000
69	Public Works	Shotgun Cove Road paving; one mile per year paved	-	-	-	10,936,942
70	Public Works	Plow Truck chassis and sander	-	-	-	400,000
71	Public Works	Metal Storage Building to protect Heavy Equipment for All Depts	-	-	-	1,200,000
72	Water	Head of Bav New Water Svstem	-	-	-	20.060.000

73	Wastewater	Sewer Dump Station	-	-	-	38,028
74	Wastewater	Head of Bay New Wastewater System	-	-	-	13,098,500
75	Wastewater	Sewer Vac Trailer	-	-	-	150,000
76	Wastewater	New Wastewater Discharge Facility 301H compliance mand	-	-	-	15,000,000
77	Water/Sewer	Water/Sewer Rate Classification Plan/Study	50,000	-	50,000	50,000
78	Water/Sewer	Water/Sewer Master Plan	200,000	-	200,000	200,000
79	Water/Sewer	W Whittier Street Water Main & Sewer Extension; engineeri	410,000	-	410,000	4,964,000
80	Water/Sewer	Extend Utilities to New City Park	-	-	-	330,000
81	Water/Sewer	Extend water/sewer for future residential development	-	-	-	787,500
82	Harbor	Harbor Loop Restroom Replacement	900,000	-	900,000	900,000
83	Harbor	Kayak Launch Passenger Dock	-	-	-	52,000
84	Harbor	Harbor Grid -Install Electric service, On-Demand lighting, w	-	-	-	124,800
85	Harbor	Harbor Triangle Restroom Replacement	-	-	-	936,000
86	Harbor	Smitty's Cove Launch Ramp	-	-	-	2,546,100
87	Harbor	Replace Wooden Harbor Walking Path in front of Harborma	-	-	-	243,360
88	Harbor	Harbor Float Lighting Improvements	-	-	-	214,157
89	Harbor	Harbormaster Building Replacement	-	-	-	7,260,000
90	Harbor	Ocean Dock Modernize, fix approach, add elec	-	-	-	892,800
91	Harbor	Improve Used Oil Collection & Recycling	-	-	-	495,600
92	Harbor @ HOB	Head of Bay Breakwall Construction w/USACE	-	-	-	41,037,500
93	Harbor	Harbor Bus. District City Land Expand; pile drive/deck/utilitie	-	-	-	10,032,000
94	Harbor @ HOB	Head of Bay New Boat Harbor	-	-	-	39,074,400
95	Harbor	Mariner's Memorial	-	-	-	600,000
96	Harbor	City Dock Replacement w/ drive-down	-	-	-	22,000,000
97	Harbor	New Fish Cleaning Station	-	-	-	2,750,000
98	Harbor	Floating Breakwater	-	-	-	500,000
99	Harbor	Harbor South Sheetpile Wall with anodes	-	-	-	800,000
100	Harbor	Harbor North Breakwater Sheetpile Wall	-	-	-	800,000
101	Delong Dock	Whittier Freight Port / Delong Dock Replace - Engineering/I	4,074,520	-	4,074,520	4,074,520
102	Delong Dock	Whittier Freight Port / Delong Dock Replace	-	52,093,488	52,093,488	52,093,488
103	Safety Action Plan	Add Right Turn Lane at Whittier Street			-	5,194,000
104	Short-Term	Traffic Calming Measures	5,000		5,000	5,000
105	" "	Mobile Speed Feedback System	15,000		15,000	15,000
106	" "	Harbor covered sand and gravel storage at boat ramp	5,000		5,000	5,000
107	" "	Wayfinding, Durable Signs similar to PW/SEDD		127,920	127,920	127,920
108	" "	Intersection Sight Distance Improvements		22,464	22,464	22,464
109	" "	Shuttle Connections		187,200	187,200	187,200
110	" "	Alaska Railroad Passenger Platform Crossing Improvements			-	183,380
111	" "	Vegetation Clearing at Intersections			-	-
112	" "	Crosswalks, stop signs, Harbor Pedestrian Improvements			-	-
113	Safety Action Plan	Sidewalk ADA Rehabilitation			-	2,215,400
114	Mid/Long Term	Multi-Use Pathway Network			-	2,484,000
115	" "	Street Lighting - West Camp/Whittier Access Road			-	-
116	" "	Pedestrian Tunnel Lighting and Drainage			-	-
			\$ 14,139,520	\$ 69,639,332	\$ 83,778,852	\$ 458,266,197