

City of Dillingham

Capital Improvement Plan 2026-2032

Detailed Project Descriptions

Condition Rating Scale

Excellent (5):	New or recently renovated, fully functional, no issues
Good (4):	Minor wear, well maintained, minimal repairs needed
Fair (3):	Moderate deterioration, functional but requires attention
Poor (2):	Significant deterioration, frequent repairs, nearing end of life
Critical (1):	Failed or failing, safety concerns, immediate action required

Project 1: Downtown Fire Hall Replacement

Replace the aging downtown fire station with a modern facility capable of housing current emergency response equipment and meeting contemporary building codes. The existing facility, constructed decades ago, has inadequate bay clearances for modern fire apparatus, lacks proper fire detection and suppression systems, and is located within the 100-year flood zone. The new facility will provide adequate space for equipment storage, maintenance operations, training activities, and will meet ADA accessibility requirements.

Current Condition:	2 - Poor. Existing facility has structural inadequacies, insufficient bay clearances for modern equipment, lacks fire suppression systems, located in flood zone, not ADA compliant.
Current Status:	Pre-Design Phase. Preliminary design completed. Site location identified. Ready to submit RFP for geotechnical investigation and survey work.
Funding Status:	Partially Funded. \$600,000 secured for design and engineering. Construction funding not yet secured.
Estimated Cost:	\$8,500,000 - \$12,000,000

Project 2: Wastewater Systems Upgrades, Improvements

Continue facility improvements to achieve and maintain compliance with Alaska Department of Environmental Conservation (ADEC) regulatory discharge requirements. Upgrades include improvements to the aeration system, lift station rehabilitations, septage receiving facilities, and effluent monitoring systems. This project addresses chronic overages in permitted levels and ensures proper treatment of wastewater to protect public health and the environment.

Current Condition:	3 - Fair. Treatment lagoon functional but requires ongoing upgrades. Several lift stations need rehabilitation. Septage handling inadequate.
Current Status:	Planning/Design Phase. Multiple phases of work identified in facility plan. Some improvements completed, others in design stages.
Funding Status:	Seeking Funding. Pursuing ADEC Municipal Matching Grants and state/federal sources.
Estimated Cost:	\$5,000,000 - \$8,000,000

Project 3: Harbor Upgrades, Improvements

Implement essential improvements to the Dillingham Small Boat Harbor to enhance safety, functionality, and capacity. The harbor serves as the base of operations for Bristol Bay's commercial fishing fleet, hosting 500-600 boats during the summer season. Improvements include float system replacement, water line replacement, electrical system upgrades, and potential development of additional lease lots.

Current Condition:	3 - Fair. Float system nearing end of service life. Water line deteriorated. Electrical systems need upgrades.
Current Status:	Design Phase - 65% Complete. Float system replacement, water line replacement, and lease lot development plans in progress. Construction anticipated 2026.
Funding Status:	Fully Funded. \$11,100,000 secured for design and construction.
Estimated Cost:	\$11,100,000

Project 4: Harbor Revetments

Install rock revetments along critical harbor shoreline areas to prevent erosion and protect harbor infrastructure from wave action and storm surge. The east bank of the harbor experiences significant erosion during southwest storm events, threatening water and electrical utilities that serve the commercial fishing fleet.

Current Condition:	2 - Poor. Significant erosion of east harbor bank. Wave action threatens utilities. Storm events cause continued deterioration.
Current Status:	Planning Phase. Erosion assessment completed. Engineering design needed. Coordinating with Army Corps of Engineers.
Funding Status:	Seeking Funding. Pursuing federal disaster mitigation funds and state appropriations.
Estimated Cost:	\$4,000,000 - \$6,000,000

Project 5: Snagpoint Erosion

Continue beach nourishment and erosion protection measures along the 1,600-foot Snagpoint bulkhead to prevent structural failure and protect municipal wastewater infrastructure. The bulkhead has experienced accelerated erosion with exposure levels below safe thresholds. Annual placement of riprap armor protects the bulkhead foundation and wastewater outfall line.

Current Condition:	2 - Poor. Bulkhead exposure below safe levels. Accelerated erosion ongoing. Wastewater outfall at risk.
Current Status:	Design Phase - Seeking Extension. Design funding secured. Project timeline being extended. Annual emergency placement continues.
Funding Status:	Design Funded. \$5,000,000 secured for design. Construction funding to be identified.
Estimated Cost:	\$12,000,000 - \$18,000,000

Project 6: Waterline Extension, Airport

Extend municipal water service to the airport area to provide fire protection capabilities and potable water access for airport facilities. The Dillingham Airport serves as a critical regional hub for nine surrounding communities. Water line extension will enable installation of fire hydrants at the airport, reducing response times and improving fire protection.

Current Condition:	1 - Critical. No water service to airport. No fire hydrants in area. Limited fire protection capability for critical regional aviation infrastructure.
Current Status:	Design Phase - 35% Complete. Preliminary engineering 35% complete. Route identified. May require extension to serve additional streets along route.
Funding Status:	Substantially Funded. \$14,700,000 secured through 100% forgivable State Revolving Fund loan. Additional funding may be needed for street extensions.
Estimated Cost:	\$12,000,000 - \$20,000,000

Project 7: Stormwater Collection Improvements

Upgrade and expand the stormwater collection and drainage system to address flooding issues, improve water quality, and protect infrastructure. Current inadequate drainage causes localized flooding during heavy precipitation events. Improvements include installation of culverts, drainage structures, catch basins, and properly sized conveyance systems.

Current Condition:	2 - Poor. Inadequate drainage in multiple areas. Localized flooding occurs during heavy rain. Undersized or failing culverts.
Current Status:	Planning Phase. Problem areas identified. Comprehensive drainage study needed.
Funding Status:	Unfunded. Seeking state and federal infrastructure improvement grants.
Estimated Cost:	\$3,500,000 - \$5,500,000

Project 8: Dillingham Port Improvements

Implement critical improvements to port facilities including the All-Tide Dock, which serves as the primary entry point for freight for communities throughout the Nushagak River and Togiak areas. Improvements include protective dolphins to prevent barge impact damage, dock surface repairs, upgraded lighting systems, and enhanced cargo handling areas.

Current Condition:	3 - Fair. Dock functional but lacks protective dolphins. Sheet piling vulnerable to barge impact. Surface deterioration.
Current Status:	Planning Phase. Protective dolphin design concepts identified. Comprehensive port improvement plan needed.
Funding Status:	Partially Funded. Limited funding for minor repairs. Major improvements seeking state appropriations.
Estimated Cost:	\$2,500,000 - \$4,000,000

Project 9: Carlson Park

Develop recreational facilities and park amenities to provide outdoor recreation opportunities. This project may include playground equipment, picnic areas, walking paths, sports courts, and landscaping. Parks and recreation facilities enhance quality of life, provide safe spaces for youth activities, and support community health and wellness.

Current Condition:	N/A - New Development. Undeveloped site with opportunity for new park development to meet community recreation needs.
Current Status:	Conceptual Phase. Site identified. Community input needed on desired amenities. Master plan development required.
Funding Status:	Unfunded. Seeking Land and Water Conservation Fund grants and state recreation grants.
Estimated Cost:	\$800,000 - \$1,500,000

Project 10: Dock Lighting Repair

Repair and upgrade lighting systems at dock and harbor facilities to ensure safe nighttime operations, improve security, and meet maritime safety standards. This project addresses deteriorated lighting infrastructure, replaces outdated fixtures with energy-efficient LED systems, and ensures proper illumination levels for maritime operations.

Current Condition:	2 - Poor. Multiple lighting fixtures failed or inadequate. Electrical systems deteriorated. Insufficient illumination for safe nighttime operations.
Current Status:	Planning Phase. Assessment of existing systems needed. Lighting plan to be developed.
Funding Status:	Unfunded. Seeking inclusion in harbor improvement grants.
Estimated Cost:	\$250,000 - \$400,000

Project 11: Water Systems Upgrades, Improvements

Implement comprehensive upgrades to the municipal water system to improve reliability, expand service coverage, and meet current regulatory standards. Projects may include well rehabilitation, water treatment plant improvements, water line replacements, and pump station upgrades. The current water system has limited capacity that restricts fire flows.

Current Condition:	3 - Fair. System functional but limited capacity. Water source constraints. Inadequate fire flow capacity in downtown.
Current Status:	Planning Phase. Master plan update needed. Priority improvements being identified.
Funding Status:	Seeking Funding. Pursuing ADEC drinking water grants, SRF loans, and state appropriations.
Estimated Cost:	\$4,000,000 - \$7,000,000

Project 12: Groundwater Monitoring Wells Repairs

Repair and maintain groundwater monitoring wells required for regulatory compliance at the municipal landfill. This project includes well rehabilitation, replacement of damaged well casings, installation of new monitoring equipment, and establishment of proper sampling protocols.

Current Condition:	2 - Poor. Several monitoring wells damaged or non-functional. Equipment outdated. Sampling protocols need updating.
Current Status:	Planning Phase. Assessment of existing wells needed. Replacement requirements being determined.
Funding Status:	Unfunded. Seeking solid waste grants.
Estimated Cost:	\$150,000 - \$300,000

Project 13: Hydrant System Upgrade

Expand and upgrade the fire hydrant system throughout the community to improve fire protection capabilities and reduce insurance costs. Many areas lack adequate hydrant coverage, requiring fire department to transport water via tanker trucks. Installation of additional hydrants will enhance public safety and improve the community's Insurance Services Office (ISO) fire rating.

Current Condition:	2 - Poor. Significant gaps in hydrant coverage. Many areas lack fire protection. Inadequate water distribution system in some locations.
Current Status:	Planning Phase. Priority locations identified. Dependent on water system capacity improvements. Phased installation planned.
Funding Status:	Unfunded. Seeking inclusion in water system improvement funding.
Estimated Cost:	\$1,200,000 - \$2,000,000

Project 14: Landfill Cell Expansion

Develop additional landfill cell capacity to accommodate municipal solid waste disposal needs and extend the operational life of the facility. Cell development includes site preparation, liner installation, leachate collection systems, and establishment of proper grades for water management.

Current Condition:	3 - Fair. Current cell adequate for near-term. New cell needed within 3-5 years to maintain capacity for seasonal population peaks.
Current Status:	Planning Phase. Site evaluation ongoing. Design work not yet initiated.
Funding Status:	Unfunded. Seeking state solid waste grants and landfill enterprise fund reserves.
Estimated Cost:	\$1,500,000 - \$2,500,000

Project 15: Landfill Service Expansion

Expand landfill services and facilities to enhance waste diversion, recycling capabilities, and operational efficiency. Improvements may include enhanced recycling infrastructure, household hazardous waste collection facilities, improved transfer station operations, and composting programs.

Current Condition:	3 - Fair. Basic recycling program in place. Additional infrastructure needed for comprehensive waste diversion.
Current Status:	Planning Phase. Waste characterization study needed. Program expansion opportunities being evaluated.
Funding Status:	Unfunded. Seeking EPA grants, state solid waste grants.
Estimated Cost:	\$500,000 - \$1,000,000

Project 16: North Harbor Food Court and Park

Develop a food court and park area at the north harbor to provide amenities for commercial fishermen, harbor users, and the public. The facility will include food service areas, outdoor seating, restroom facilities, and landscaped park space. During the intense summer fishing season, current amenity infrastructure is insufficient.

Current Condition:	N/A - New Development. Opportunity to develop amenities in underutilized harbor area. Current amenity infrastructure inadequate for seasonal peak use.
Current Status:	Conceptual Phase. Concept development needed. Stakeholder input required.
Funding Status:	Unfunded. Seeking harbor improvement grants or public-private partnership opportunities.
Estimated Cost:	\$1,200,000 - \$2,000,000

Project 17: Bulkhead Regrade and Resurface

Regrade and resurface the bulkhead area to improve drainage, enhance accessibility, and provide better working surfaces for commercial fishing operations. The bulkhead serves as a critical work area during the fishing season for gear storage, vessel maintenance, and cargo handling.

Current Condition:	2 - Poor. Surface deteriorated with potholes and uneven areas. Poor drainage causes ponding and ice hazards.
Current Status:	Planning Phase. Assessment needed. Design work pending.
Funding Status:	Unfunded. Seeking harbor improvement grants.
Estimated Cost:	\$600,000 - \$1,000,000

Project 18: Senior Center Phase II

Complete Phase II improvements to the Dillingham Senior Center to expand services, improve accessibility, and address facility maintenance needs. Phase II improvements may include facility expansion, kitchen upgrades, accessibility enhancements, mechanical system improvements, and interior renovations.

Current Condition:	3 - Fair. Facility functional but aging. Capacity constraints during peak use. Some accessibility issues.
Current Status:	Planning Phase. Phase I improvements completed. Phase II needs assessment and planning required.
Funding Status:	Unfunded. Seeking senior services grants and state appropriations.
Estimated Cost:	\$800,000 - \$1,500,000

Project 19: Downtown Dillingham Connector Routes

Develop pedestrian and non-motorized transportation connector routes throughout downtown Dillingham to improve walkability, safety, and accessibility. Projects include sidewalk construction, crosswalk installations, bike lane designations, and pathway lighting. Connector routes will link residential areas with schools, grocery stores, City Hall, and healthcare facilities.

Current Condition:	2 - Poor. Significant gaps in sidewalk network. Many areas lack pedestrian infrastructure. Safety concerns for pedestrians.
Current Status:	Planning Phase. Priority connector routes being identified. Pedestrian plan development needed.
Funding Status:	Unfunded. Seeking Transportation Alternatives Program funding and Safe Routes to School grants.
Estimated Cost:	\$2,000,000 - \$3,500,000

Project 20: T-Dock Repair

Conduct essential structural and surface repairs to the T-Dock facility to maintain safe operations and extend facility service life. Work includes deck surface repairs, pile replacement or reinforcement, hardware upgrades, and improvements to fendering systems.

Current Condition:	2 - Poor. Significant deterioration of deck surfaces. Some structural members showing wear. Hardware corrosion.
Current Status:	Planning Phase. Structural assessment needed. Repair plans to be developed.
Funding Status:	Unfunded. Seeking harbor improvement grants or maritime infrastructure funding.
Estimated Cost:	\$800,000 - \$1,200,000

Project 21: Transfer Station Renovation and Repair

Renovate and repair the solid waste transfer station to improve operational efficiency, enhance safety, and extend facility service life. Improvements include building envelope repairs, door and equipment replacements, improved traffic flow patterns, enhanced lighting, and safety upgrades.

Current Condition:	2 - Poor. Building showing age. Doors and equipment need replacement. Traffic flow inefficient. Lighting inadequate.
Current Status:	Planning Phase. Facility assessment needed. Priority repairs being identified.
Funding Status:	Unfunded. Seeking solid waste grants.
Estimated Cost:	\$400,000 - \$700,000

Project 22: Waskey & Emperor Subdivision

Develop infrastructure to support residential development in the Waskey and Emperor subdivision areas, addressing critical housing needs. Infrastructure development includes road construction, water and sewer line extensions, stormwater management, and utility installations. This project creates opportunities for homeownership and addresses housing availability challenges.

Current Condition:	N/A - New Development. Undeveloped subdivision areas. Infrastructure required to enable residential lot development and address housing shortage.
Current Status:	Planning Phase. Subdivision planning underway. Infrastructure needs assessment required. Phasing strategy to be developed.
Funding Status:	Unfunded. Seeking community development block grants and state appropriations.
Estimated Cost:	\$5,000,000 - \$8,000,000

Project 23: Public Works Shop Improvements

Upgrade Public Works maintenance facilities to improve operational efficiency, provide adequate equipment storage, and create safe working conditions for staff. Improvements may include building expansions, heated work bays, parts storage areas, equipment wash facilities, and office space improvements.

Current Condition:	2 - Poor. Inadequate space for equipment and operations. Insufficient heated workspace. Storage limitations.
Current Status:	Planning Phase. Needs assessment required. Facility expansion options being evaluated.
Funding Status:	Unfunded. Seeking state appropriations or general fund allocation.
Estimated Cost:	\$2,000,000 - \$3,500,000

Project 24: New Public Safety Building

Design and construct a consolidated public safety facility to house Police, Dispatch/E-911, Fire, Jail, National Guard, and DMV services. Current facilities are inadequate, non-compliant with ADA requirements, and compromise service delivery. The new facility will provide modern workspace, proper jail separation, adequate storage, and emergency operations center capabilities.

Current Condition:	1 - Critical. Multiple facilities with significant deficiencies. Not ADA compliant. Jail inadequate. Fire hall bays too small. Systems outdated.
Current Status:	Planning Phase. Facility plan completed in 2014. Site identified. Project on hold pending funding.
Funding Status:	Unfunded. Major state appropriation needed. Federal grants being explored.
Estimated Cost:	\$20,000,000 - \$28,000,000

Project 25: Community Fish Grinder

Install a fish waste grinder facility at the Small Boat Harbor to provide proper disposal of fish waste generated by commercial and subsistence fishing activities. The grinder will be housed in a 12x12 building with a discharge chute. This project requires an ADEC APDES discharge permit and will eliminate improper disposal practices.

Current Condition:	N/A - New Development. Fish waste disposal currently inadequate. Improper disposal creates sanitation and odor issues.
Current Status:	Pre-Design Phase. Initial planning and conceptual design completed. ADEC permit application process to be initiated.
Funding Status:	Seeking Funding. Pursuing harbor improvement grants and fisheries infrastructure funding.
Estimated Cost:	\$400,000 - \$600,000

Project 26: 2nd Ave. Street Rehabilitation

Rehabilitate 2nd Avenue including roadway reconstruction, drainage improvements, and utility upgrades. Current road conditions include potholes, rutting, inadequate drainage, and deteriorated surfaces. Rehabilitation will include base repair, proper grading for drainage, new paving, and potentially sidewalk installation.

Current Condition:	2 - Poor. Significant pavement deterioration. Potholes and rutting. Drainage inadequate. Surface at end of service life.
Current Status:	Planning Phase. Street condition assessment needed. Design work pending.
Funding Status:	Unfunded. Seeking state transportation funding.
Estimated Cost:	\$1,200,000 - \$1,800,000

Project 27: Alaska Street Rehabilitation

Rehabilitate Alaska Street to address deteriorated pavement conditions, improve drainage, and enhance safety. The project includes roadway base repairs, installation of proper drainage infrastructure, repaving, and potential addition of pedestrian facilities.

Current Condition:	2 - Poor. Pavement significantly deteriorated. Drainage problems. Safety concerns during wet conditions.
Current Status:	Planning Phase. Priority rehabilitation project identified. Design work pending.
Funding Status:	Unfunded. Seeking state transportation funding.
Estimated Cost:	\$1,000,000 - \$1,500,000

Project 28: Potable Water Station

Establish a potable water filling station to provide convenient access to municipal water for residents relying on individual water systems and for commercial users. The station will include metered fill connections, payment systems, and proper drainage.

Current Condition:	N/A - New Development. No current public water filling facility. Need identified for residents on individual well systems.
Current Status:	Conceptual Phase. Concept development needed. Site location to be determined.
Funding Status:	Unfunded. Seeking water system improvement grants.
Estimated Cost:	\$150,000 - \$250,000

Project 29: Airstrip Park Improvements

Develop recreational facilities and amenities at the former airstrip location. Potential improvements include sports fields, walking/running track, playground equipment, picnic facilities, outdoor fitness equipment, and landscaping. The site's large open area provides excellent opportunity for recreation development in a central location.

Current Condition:	N/A - New Development. Former airstrip site available for park development. Large open flat area suitable for sports fields and recreational facilities.
Current Status:	Conceptual Phase. Master planning needed. Community input required to determine priority amenities.
Funding Status:	Unfunded. Seeking Land and Water Conservation Fund grants and state recreation grants.
Estimated Cost:	\$1,500,000 - \$2,500,000

Project 30: Wastewater System Expansion

Extend wastewater collection system to serve areas currently relying on individual septic systems. System expansion includes installation of sewer mains, lateral connections, lift stations, and connection to existing treatment facilities. Approximately two-thirds of Dillingham residents currently use on-site septic systems.

Current Condition:	N/A - New Development. Large portions of community lack municipal sewer. Septic systems in marginal areas create public health concerns.
Current Status:	Planning Phase. Priority expansion areas being identified. Master plan update needed.
Funding Status:	Unfunded. Major funding required through ADEC SRF loans and state appropriations.
Estimated Cost:	\$8,000,000 - \$12,000,000

Project 31: Ice Rink Roof

Replace or repair the roof system on the community ice rink facility to prevent water infiltration, protect the skating surface, and extend building service life. The ice rink provides important winter recreation opportunities, serving youth hockey programs, public skating, and community events during the long winter season.

Current Condition:	2 - Poor. Roof showing significant age and deterioration. Water infiltration issues. Building systems at risk from moisture intrusion.
Current Status:	Planning Phase. Roof assessment needed. Project timing critical to minimize impact on skating season.
Funding Status:	Unfunded. Seeking recreation facility grants and state appropriations.
Estimated Cost:	\$300,000 - \$500,000
