

TRANSMITTAL MEMORANDUM

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TO: The Honorable Mayor & City Council

Initials:



FROM: Lacey G. Simpson, Acting City Manager

File #: MGR25-260

DATE: April 21, 2025

Mtg. #: 05/01/25 MRc

RE: **Public Works Department – April 2025 Report**

Attached for City Council review is the April 2025 report from Public Works Director Seth Brakke. Should the City Council have questions regarding the report, staff can respond accordingly.

PUBLIC WORKS DIRECTOR'S REPORT APRIL 2025

ENGINEERING DIVISION STAFFING LEVELS

POSITION	DURATION VACANT
Engineering Tech	Filled March 10, 2025
Project Engineer	7 months
Project Manager	1 year, 8 months

WOLFE POINT LANDSLIDE RESPONSE

On Thursday March 20th at approximately 10:30 am a landslide occurred on Tongass Highway near Wolfe Point. The landslide material covered both lanes of Tongass Highway thereby severing the community in half at that point. The City of Ketchikan immediately began work coordinating with the Alaska Department of Transportation and the contractor SECON. A marine transport system was stood up to begin transferring people by boat from one side of the landslide to the other.

UPDATE

The temporary single lane detour route on the seaward side of the slide has been expanded to two lanes and paved with asphalt. The second lane allows for two lane 24 hour unobstructed vehicle traffic; however, traffic is still impacted when Secon closes the detour bypass for blasting or other construction activities.



HILLSIDE RD LANDSLIDE RESPONSE

On Sunday December 1st a landslide occurred at 3903-3905 Hillside Road taking an approximate 40-foot by 100-foot section of ground and trees into Carlanna Creek. City of Ketchikan Public Works and Fire Department responded and determined that the slide had created a situation where there were several hazards, that if not mitigated, would be a danger to the public. Public Works, Fire Department and the property owner took swift action to mitigate the hazards and stabilize the site from imminent dangers. The property owner has initiated some mitigating drainage and tree removal efforts. They have made contact with an engineer to review the slide area and report back on recommended stabilization measures. Public Works staff is working with the homeowner on a site development permit covering the proposed new work.

UPDATE

Staff continues to monitor Hillside Road.



ENGINEERING DIVISION (Capital Improvement Projects)

Project:	DANGEROUS BUILDING ABATEMENT/FORECLOSED PROPERTY REMEDIATION AND DISPOSAL (Annual CIP)
Capital Budget:	\$ 160,000
Completion Date:	2025

PROJECT SUMMARY & BACKGROUND

This CIP is intended to allocate funds to demolish various buildings deemed excessively derelict and hazardous that have been deeded to the city via tax foreclosure or abandonment. Two buildings have been identified for demolition in 2025, 2112 1st Avenue, and 2813 Tongass Ave (former Bar Harbor Restaurant.)

A quote for demolition for 2118 1st Ave. was requested and accepted from local contractor OG Construction. Demolition began February 5th with crews clearing debris.

UPDATE

Demolition of 2112 First Avenue is complete, on time and on budget.

Staff anticipates having a contract for demolition of 2813 Tongass Ave (the former Bar Harbor Restaurant) out to bid in July of 2025.



Before Demolition



During Demolition



Post Demolition

STREETS DIVISION (Capital Improvement Projects)

Project:	TRANSPORTATION INFRASTRUCTURE (Annual CIP)
Capital Budget:	\$800,000
Completion Date:	2025

PROJECT SUMMARY & BACKGROUND

This overarching project covers Safer Streets & Sidewalks, Staircase & Boardwalk Repair, Pavement Overlay-Surface Repair, Concrete Road Repair, Bridge Repair, Stormwater Infrastructure, ROW Maintenance, and Wall & Abutment Repair line items of historical budgets.

2024 Road Surfacing Improvements: Bids for the 2024 Road Surfacing Improvements contract were opened on April 4th. The project will surface Don Finney Lane with hot mix asphalt, and repair asphalt surfacing to South Yorktown, and reconfigure Ramp 4. This contract was approved by City Council at the May 2nd meeting.

Given a water main break on Hillside Road in February of 2024 that caused a significant amount of asphalt paving damage on Heckman Street, a change order to repair the asphalt was approved at the June 6th, 2024, City Council meeting.

The Ramp 4 parking lot and Heckman St are both areas that are heavily weather dependent and did not get paved this year due to weather and other priorities consuming resources, such as the August 25th landslide. As such, Change Order #2 was necessary to extend the project completion deadline to next spring to allow for the proper installation of asphalt surfacing. Change Order #2 was approved by the City Council on October 17th, 2024.

Valley Court Road Surfacing: A previous legal settlement requires the City of Ketchikan to install pavement upon the completion of the building development on Valley Court Road. Easements have been obtained for a retaining wall and fire hydrant that were necessary to construct the project. Award was made to SECON at the September 5th City Council meeting with Notice to Proceed issued September 18th. SECON constructed the retaining wall and installed the storm drain system for the project before shutting down for the winter season. Remaining work, including asphalt paving, will be completed in 2025.

Copper Ridge Road Repair (Complete):

Due to a major landslide in August 2024 the existing aggregate surface of Copper Ridge Lane was contaminated with mud and organic matter. This project will remove the contaminated aggregate and replace with new surfacing. A Request For Quotes package has been assembled and sent to contractors. JK Construction was awarded the project and the work is complete.

East Street Parking Lot and Breakwater Repairs (Phase I Complete):

Quotes have been received to fill in a large void in the breakwater and under the parking lot. The work is complete.

Jim Creek Drainage Structure:

Jim Creek is a major drainage that extends from above the 3rd Ave Bypass and outlets to the Narrows near the intersection of Tongass Ave and Water St. There is a large inlet structure just uphill of Water St. that was installed by ADOT as part of the 3rd Ave Bypass project. This inlet has failed several times resulting in flooding of adjacent buildings and driveway washout. This project will design and

construct improvements to the structure to prevent future flooding. Design is being performed in-house and the plans are at 100%. Three easements have been created and discussions with the property owners will begin soon.

Wiley St Danger Trees:

Three large trees in the Wiley St ROW were dangerously perched over a residence. The trees have been cut and the large amounts of debris remaining on the hillside was scheduled to be removed in January, however, the contractor hasn't had availability and weather to complete the work.

Large Diameter Corrugated Metal Pipe (CMP) Storm Drain Replacement:

Most CMP storm drains throughout the City are decades old and experiencing extreme corrosion of their inverts. Public Works has a program to replace them with High Density Polyethylene pipes when and where possible. Staff is currently partnering with the Holy Name Church to replace a culvert that is owned by both entities and is causing a sink hole in the Parish parking lot. Quotes have been received and the work will be completed as weather allows.

Various:

Various other repairs and maintenance to asphalt and concrete roads, sidewalk, pedestrian ramp replacements and storm drains have been completed.

UPDATE

2024 Road Surfacing Improvements:

Paving the Ramp 4 parking lot is scheduled for the second week of May.

Valley Court Road Surfacing:

The contractor has begun grading for curb and gutter and plans to place concrete the week of April 21.

Jim Creek Drainage Structure:

Design is being performed in-house and the plans are at 100%. Three easements have been obtained. Staff has submitted an application to the Army Corps of Engineers for a nationwide construction permit.

Various Sidewalk Improvements:

A quote package is being assembled to remove and replace non-accessible sidewalk on First Ave, Woodland Ave and Canyon St.

Wiley St Danger Trees:

The contractor hasn't had availability and weather to complete the work.

Large Diameter Corrugated Metal Pipe (CMP) Storm Drain Replacement:

Materials are on-site. KPU Telecom has informed Staff and the contractor about a bank of telecom conduit that is buried in the road either over or under the dilapidated pipe in an unverified location. Staff is coordinating with KPU to locate the conduit bank via non-destructive methods, however, it is likely that exploratory excavation will be required.

Hoadley Creek Bank Stabilization:

A portion of Hoadley Creek has experienced bank erosion due to unusually high rainfall intensities. Staff designed a project to stabilize the bank. Staff has applied for and received an Army Corps of Engineers nationwide construction permit. Public Works Streets personnel constructed the improvements and work is complete.

Ketchikan Lakes Road Concrete Joint Repairs:

Staff designed a project to repair some of the joints and potholes using a polymerized cementitious mortar. Quotes have been received and Notice of Award issued to the successful bidder. One lane of traffic, with flaggers, will remain open. Construction will occur during the summer.

Streets Division Sand Shed:

Streets needs a shed to keep aggregate stockpiles dry. Staff designed a building that is at 65% review.

August 2024 3rd Ave Bypass Landslide:

3rd Ave Road Repairs – Staff is designing a project to repair damage to the road using a two part epoxy to fill divots and then will seal the surface using tack oil and sand.

3rd Ave Lighting Repairs – Two light poles and an unknown amount of conduit and wire were damaged during the landslide. A request for quotes was issued, and the competitive quote was awarded to an electrical contractor to evaluate and quantify the damage so that a project for repairs can be designed.

3rd Ave Pedestrian Handrail – The temporary fence has been removed and the permanent handrail installed. COMPLETE

Project:	SCHOENBAR CULVERT REHABILITATION
Capital Budget:	\$2,500,000
Completion Date:	2024

PROJECT SUMMARY & BACKGROUND

This project is for rehabilitation and repair of an existing 12-foot wide corrugated metal plate arch culvert located in Schoenbar Creek, adjacent to Schoenbar Road.

The work is complete. All permits have been closed except FEMA's Letter of Map Revision which requires hydraulic modeling of the finished culvert. Staff has met with R&M Engineering to review requirements to obtain the Letter of Map Revision from FEMA. The final change order was approved at the January 7th City Council meeting.

UPDATE

The contract is closed and final reports have been sent to the funding agency.

FEMA Final Letter of Map Revision:

The post-project topographic survey is complete and modeling will begin soon.

WASTEWATER DIVISION (Capital Improvement Projects)

Project:	TONGASS AVE SEWER FORCE MAIN REHAB PHASE II
Project Cost:	\$1,580,000
Completion Date:	2024

PROJECT SUMMARY & BACKGROUND

Phase II involves rehabilitating 1,250-linear feet of the City's sewer force main. This project is critical in order to reduce the amount of exfiltrated sewage that does not make it to the treatment plant. The design was completed by Steph Engineering, a firm specializing in the use of trenchless technologies such as sliplining, which is the rehabilitation method chosen for this project. Sliplining greatly reduces the cost of construction as well as the disruption to the community versus the traditional open cut method of pipe replacement.

In early 2021 Staff submitted a request to Congressman Don Young for potential funding and on May 3, it was announced that Don Young has selected the project as part of his Community Project Funding request. In March 2022 Mr. Young's office advised that Tongass Ave Force Main project received partial funding through a Congressional directed spending allocation in the amount of \$1.25 million. The City received the grant funds in the fall of 2023.

The project was awarded to Dawson Construction, LLC on December 12th, 2023 and Notice to Proceed was issued on December 26th.

The project is complete and the final change order has been finalized. The final change order was approved by Council on January 7th.

UPDATE

The contract is closed and final reports have been sent to the funding agency.



Tongass Ave Sewer Replacement

Project:	WATER ST SEWER FORCE MAIN REHAB & GRAVITY SEWER REPLACEMENT
Project Cost:	\$10,000,000
Completion Date:	2026-2027 – Pending Funding

PROJECT SUMMARY & BACKGROUND

This project involves rehabilitating the City's remaining 1,500-linear feet of sewer force main and 1,700-linear feet of sewer gravity mains. This section of gravity sewer is known to be a major contributor to the sewer system's inflow and infiltration. On June 15, 2017 the City Council approved this project's nomination for the National Infrastructure Program. At the same meeting, the City Council approved an amendment adding funds to a contract with Stephl Engineering to fast track design of this project. This project is critical to reduce the amount of infiltration and inflow coming to the wastewater treatment plant. Based on historical infiltration and inflow studies, it is envisioned that this project will take a significant step towards muting those peak flows. The design is at 95%.

Staff received a Categorical Exclusion determination from the environmental review process.

The City has received a \$3.9M Alaska Clean Water Loan from ADEC and thus is striving to complete half of the sewer work by 2026. Staff attends regular meetings with ADOT's design team to parse out specific segments of the sewer work that make the most sense to be completed as part of ADOT's viaduct project. The division of work between the State's consultant and project versus the City's consultant and project has been decided. Staff is working with ADOT to create a Reimbursable Services Agreement for design and construction that will be performed by ADOT.

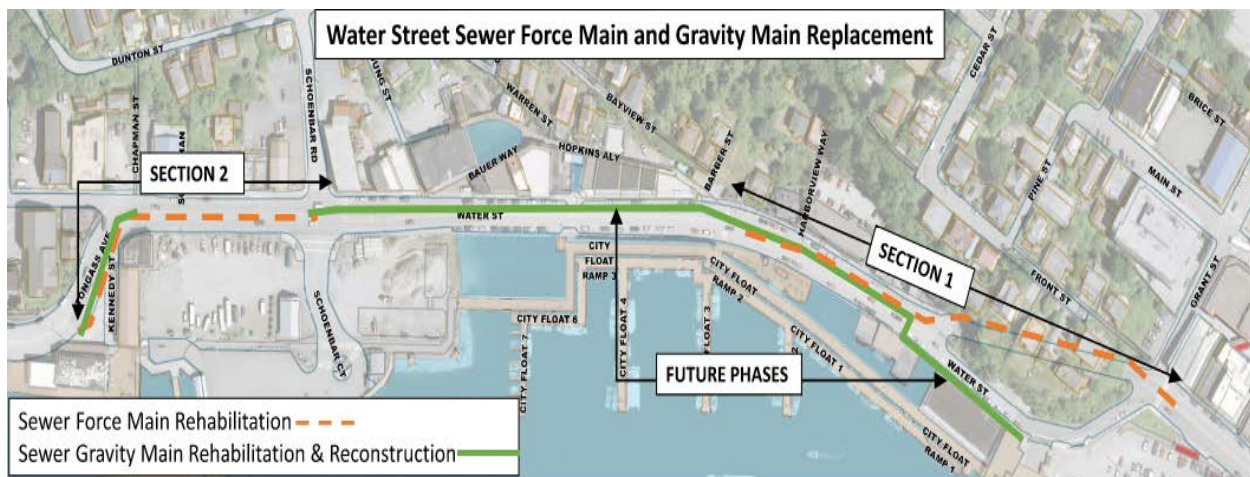
The project has an expired Approval to Construct (ATC) from ADEC. Staff has spoken with ADEC and negotiated a path forward to get ADEC's approval of the changes to the project (resulting from the State's project) and also extend the ATC. An updated NEPA review package was prepared and the project has been issued another Categorical Exclusion.

Amendment 5 to Stephl Engineering's design contract was approved by the City Council on February 20, 2025. Notice to Proceed for the remaining design work has been issued to the design consultant. All pertinent information to split and complete the design has been transmitted to the design consultant.

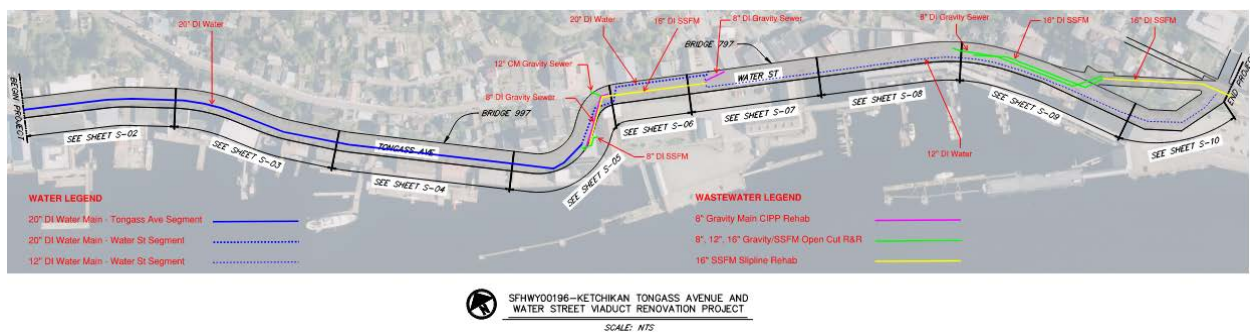
A Congressional Directed Spending (CDS) request has been submitted to Senator Murkowski.

UPDATE

95% plan review is ongoing.



Updated Sections of Water Street Sewer Replacement



Utility Plan Overview

Project:	PUMP STATIONS GENERATOR REPLACEMENT
Project Cost:	\$130,000 per year
Completion Date:	2025

PROJECT SUMMARY & BACKGROUND

In adopting the 2018 General Government Operating and Capital Budget, the City Council appropriated money to large and small pump station upgrades for replacement of the aged generators and components at each of the seven pump stations. Electrical engineering company Haight & Associates was hired to design a year by year phased set of construction documents that will go out to bid beginning in 2019.

On September 17, 2020, the City Council approved a contract to procure the 150kW Generator Set. Staff moved forward with that purchase and one 150KW Cummins/Onan generator set was ordered and received in 2022. A second generator was received in 2023 and a third generator was received in 2024.

An electrical consultant, RESPEC, has been brought on to assist with the installation design package to have the three already purchased generators for pump stations 2, 5, and 6 installed before advancing to the next generators. In addition, the consulting firm proHNS has been issued a purchase order to assist in finalizing the design, bid documents, and construction administration services.

Bids were opened February 14th, 2025 and awarded to Ever Electric at the Council meeting on March 6th. Work began on March 25th at Pump Station 2.

UPDATE

The old generator is removed, and the new generator is installed at Pump Station 2. Pump stations 5 and 6 will follow with a completion date not later than July 31st, 2025.

Project:	BAYVIEW CEMETERY EXPANSION (PHASE I)
Project Cost:	\$1.1M
Completion Date:	2026

PROJECT SUMMARY & BACKGROUND

Available crypts and niches are sold out. This project will add three new structures to the existing mausoleum in Section 9; adding 72 single niches, 48 family niches and 20 crypts. The added capacity will allow the City to continue these services while a larger development and expansion in Section 10 can be designed and constructed.

The Streets Division constructed the site work and building pad in 2024.

UPDATE

Staff has been working with the structure vendor to design the foundation and structure support to account for static loads, wind loading and seismic forces.

WASTEWATER DIVISION (Operations)

In addition to the routine work performed on a regular basis, the Wastewater Division performed the following work during the past month:

- To date we are compliant with our treatment plant discharge limits set forth by our permit.
- Still having SCADA issues at pump stations and at the treatment facility.
- During one of the rain events Ketchikan has received since installing the new Effluent Channel High-Level (EHL) float, we recorded a flow of 3.3544 MGD that activated the EHL float and triggered a response. This worked perfectly as an early detection system.
- We are continuing to work with Jacob's Engineering to finish paperwork for the new NPDES permit that is under review by the Alaska DEC and Region 10 EPA.
- Working with Jacob's Engineering on an Inflow and Infiltration (I&I) reduction plan and strategy.
- Working with ProHNS and Ever Electric on the Large Pump Station Generator replacement project, to date we have installed 1 generator at pump station 2. We are currently on the manufacturer to commission the installation.
- Working with the engineering department to gather information to get the SCADA project out for bid as early as possible this year.
- 5 of 6 new ultra sonics transducers have been installed. Pump stations 2, 3, 4 & 6 have been installed, programed and appear to be working just as intended.
- The Cues Camera truck operating system was upgraded to the latest version to allow it to produce reports. This work was done in preparation for this summers' scheduled clean and camera jobs.
- A viaduct walk was conducted, during these low tides. We found several open sewer lines. The owners were contacted and instructed to fix their open sewer lines. This work was sped up thanks to assistance from the Public Works Building Division.
- A concrete pad was poured in front of Wastewater Treatment Plant B (TPB). It fixed a rather large lip in between existing black top and the plant slab. It was a safety issue when lifting chemicals to the upper level for the BFP.
- Worked with Alaska Rural Water Association (ARWA) on getting a wastewater treatment 2 class for the crews CEUs. The class is schedule for April 28th - May 2nd.



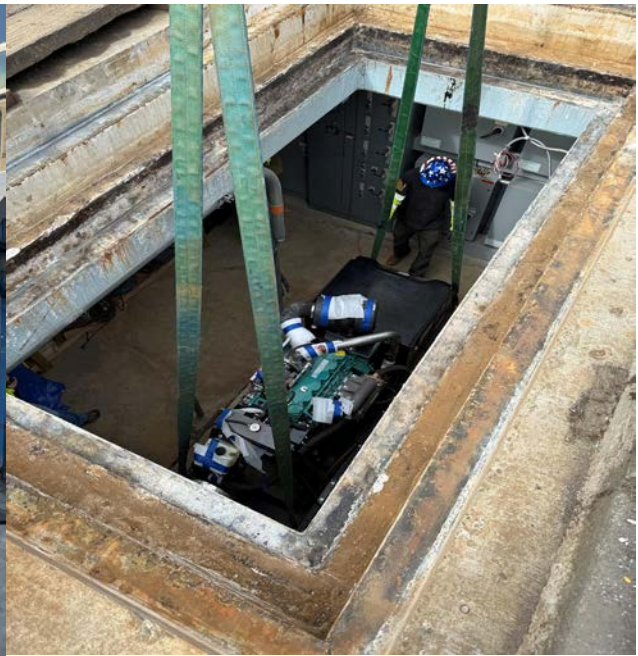
Pump Station 3 Ultra Sonic Project



Temporary Power for Pump Station 2



New Concrete Pad in Front of TPB



Set New Generator Pump Station 2

SOLID WASTE DIVISION (Capital Improvement Projects)

Project:	TRUCK SCALE REPLACEMENT
Project Cost:	\$350,000 \$339,350
Completion Date:	February 2025 COMPLETE

PROJECT SUMMARY & BACKGROUND

The inbound and outbound in-ground “pit” truck scales were installed in 1999 and are over twenty-three years old. Internal structures are metal and are deteriorating due to wear and weather and need to be replaced. This project will replace both scales at the same time for efficiency and cost savings.

Staff designed the project in house and publicly advertised for bids. Bids were opened on June 6th for the replacement of the two truck scales. Two bids were received, however one bid was rejected as it was incomplete. The City Council awarded the contract to Pool Engineering on June 20th.

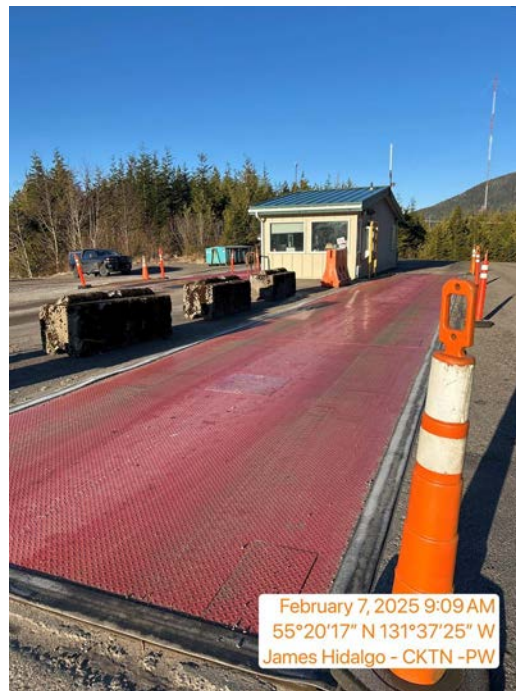
This work is complete. Both scales were open to customers February 7th. The final change order, within the contingency, has been approved by Council and executed.

UPDATE

Staff has received all executed closeout documents. The Department of Labor has approved their Notice of Completion. Contract Notice of Completion, along with the final pay request, has been issued. COMPLETE



Old Truck Scale



New Truck Scale

Project:	TRANSFER STATION FLOOR REPLACEMENT
Project Cost:	\$140,000
Completion Date:	April 2025

PROJECT SUMMARY & BACKGROUND

Due to the acidic nature of the material we receive, a 36' x 41' section of concrete needs replaced on the transfer station floor. Currently about 5" of the floor has eroded, and rebar is now exposed. This section of floor is only 10-years old.

The design was completed in-house. Public bids opened on December 2nd. There was one bid that was over budget. Staff is negotiating with the bidder to reduce costs. Negotiations are complete and the new project cost is under budget.

The contract was awarded at the March 6 City Council meeting. Notice to Proceed has been issued and work is 100% complete.

UPDATE

Work is complete and the facility is open to the public. Final testing and closeout is ongoing.



Previous Floor: Exposed Rebar and Dowels



Previous Floor: Broken Drain Grates

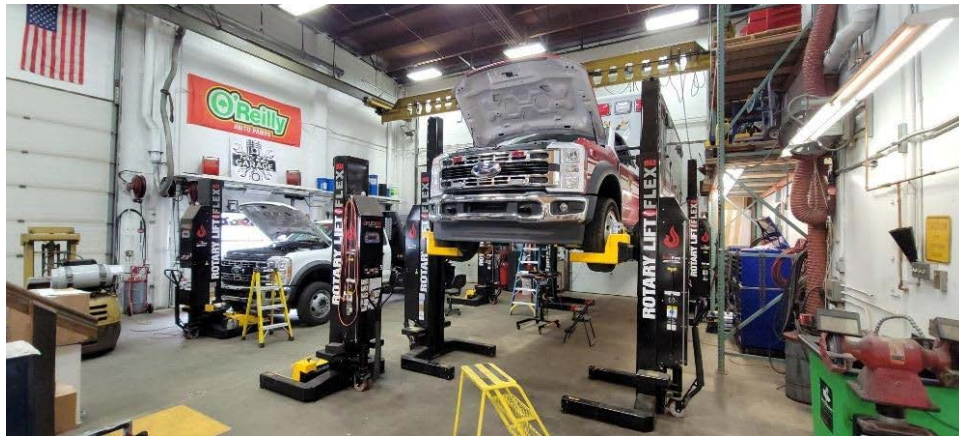


Completed Floor Replacement

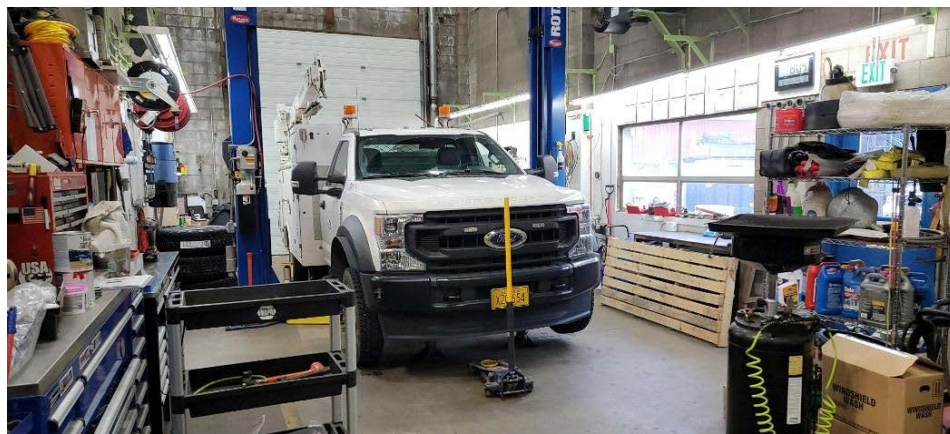
GARAGE DIVISION (Operations)

In addition to the routine work performed on a regular basis, the Garage Division performed the following work during the past month:

- As of April 15th, the shop completed swapping all studded/snow tires to the summer tires for the fleet. Part of that installation we also performed a complete inspection of each vehicle and serviced when applicable. We have over 70 vehicles that need to be done, this takes typically over 2 weeks of just tires and inspections.
- 52-106 Police/City Hall Standby Generator – During the commissioning of the wastewater generator, we were able to have the Cummins technician do a check on the generator to repair the fault. This generator has had a fault for some time and was in process of having Cummins come down to perform the repair at a high cost. Luckily the Cummins technician had the right equipment to update the Generator controller, which now has repaired the fault codes in the system and the Generator is back at 100%.
- 52-512 – Wastewater pump station 2 – We joined wastewater and Cummins in the first startup of the new station 2 generator. This replaced the 1979 Allis-Chalmers Generator, which is now obsolete, and hard to repair. This is the first of many that are needing replacement. We also performed training with the complete crew and Cummins technician of proper care and operation of Generator.
- 52-538 – Streets F250 work truck – This is 10 years old and finally had a leaf spring failure. We installed new springs and upgraded to a heavier spring to help assist and the amount of work this truck does. This is a daily driver workers truck that is always moving and hauling equipment.
- 52-801 – KFD 2024 Ford F550 ambulance – Vehicle was shipped up via Barge. When arrived, we found the suspension system had a fault. This is a new set up for the rear suspension. Instead of using the typical leaf-spring, they use a hydraulic cylinder that lifts and lowers the truck which are like Airbags, but airbags are only used in conjunction with leaf springs. During shipping a fault occurred and caused the hydraulic motor to fail and requires replacement. There is one on order and on its way to get this truck into service as soon as possible. These 2 new ambulances will replace our 2 oldest ones and are a 2007 model and a 2014 model.



Vehicle Getting Summer Tires and New Ambulance Getting Repaired



Wastewater Crane Truck Getting its Summer Tires Installed



New Wastewater Generator



Parking Enforcement Car Getting Summer Tires



Police Station/City Hall Generator

STREETS DIVISION (Operations)

In addition to the routine work performed on a regular basis, the Streets Division performed the following work during the past month:

- Pressure washed ropes, bollards and wooden sidewalk.
- Burn down crosswalks downtown.
- Continued renovation to our tool crib.
- Cleared trash and garbage from various parking lots.
- Painting Parking lot lines and crosswalks.
- Handicap burn down.
- Installed Aquaphalt repair material into potholes.
- Hoadley Creek wall replacement (at Jackson Hts).
- Cleaned drains.



Hoadley Creek Wall Build



Ropes and Bollards Pressure Washing



Handicap Burn Down

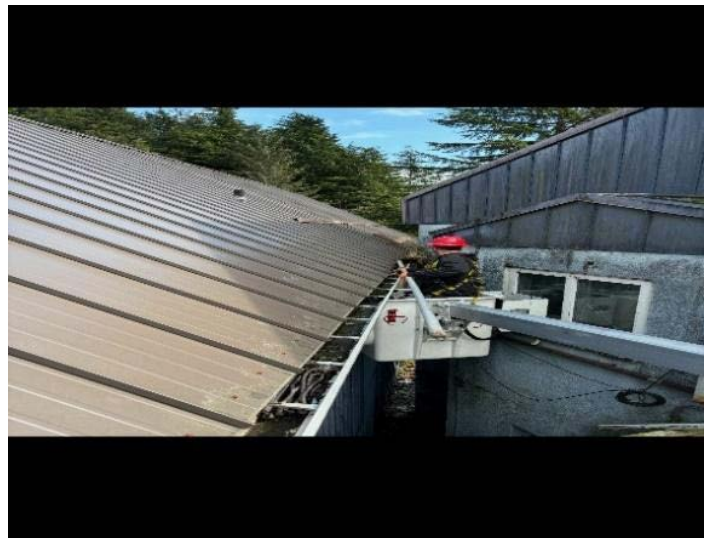
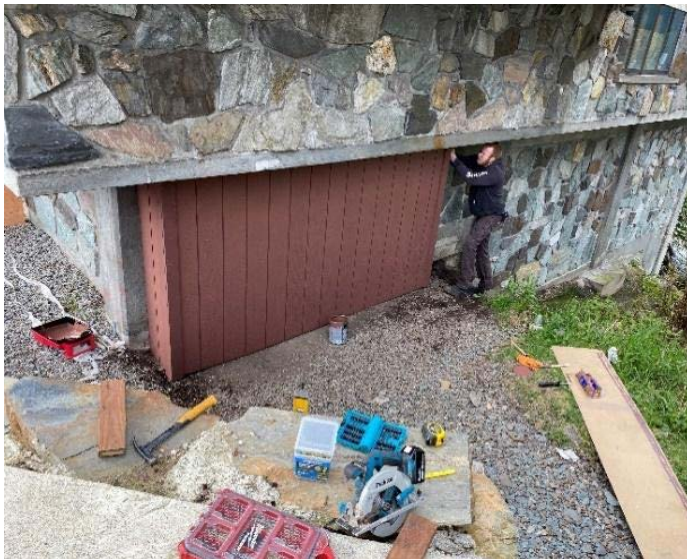


Painting and Burn Down

BUILDING MAINTENANCE DIVISION (Operations)

In addition to the routine work performed on a regular basis, the Building Maintenance Division performed the following work during the past month:

- Framed and built wall at Museum around warm air vent.
- Started pressure washing buildings.
- Completed walk through check off list at 632 Park Ave. building. Prep walls for new cove base on first floor. Installed cove base, installed access hatch on second floor for plumbing, north entry doors needed weatherstrip and new parts for the push bar assemblies, removed graffiti, trouble shot lighted exit sign, fixed bathroom switch and installed new electric baseboard heater, new thermostat in main room, replaced toilet downstairs, cleaned gutter.
- Worked on first floor hvac on first floor at KCH. Long Building Technologies came down from Juneau to assist.
- Working with KMI to do annual tune-ups on city owned boilers.
- Installed new Chemical locker at shoreline shop.
- Remove graffiti from front of City Hall.





BAYVIEW CEMETERY (Operations)

In addition to the routine work performed on a regular basis, the Bayview Cemetery contractor Jerrett Richards (JMR) performed the following work during the past month:

- Began replacing old benches around the premises with new ones.
- Continued assembly of new benches for the grounds.
- Obtained a roll off box from solid waste and disposed of old benches, trash cans, and other debris from around the grounds for spring cleaning.
- Checked all cemetery drains and snaked them in preparation for spring showers.
- Mr. Richards had the honor and the privilege of helping three grieving families by placing a grave marker, a crypt monobar and performing the services for a niche burial.



Snaked Clogged Drains



Spring Clean-Up



Replaced Old Benches with New

BUILDING INSPECTION DIVISION

Previous Year Permit Totals

PERMITS ISSUED	2020	2021	2022	2023	2024
Traffic Control Permits	45	24	42	54	49
Permits to Excavate	79	53	77	65	82
Side Sewer Permits	15	11	10	15	21
Site Development Permits	17	20	24	17	17
Building Permits	136	101	100	97	131
Total Permits	292	209	253	248	300

Current Year Permit Totals

PERMITS ISSUED	2025 YTD	SINCE LAST REPORT
Traffic Control Permits	24	13
Permits to Excavate	30	9
Side Sewer Permits	8	5
Site Development Permits	8	2
Building Permits	45	13
Total Permits	115	42

Updated 4/17/2025

ADOT&PF PROJECTS

These are State of Alaska projects within Ketchikan's City limits. As a project stakeholder, Public Works Staff is intimately involved in these projects from pre-design planning, plan reviews, permitting, utility work planning and overall project coordination.

Project:	WOLFE POINT SLOPE STABILITY IMPROVEMENTS
Project Cost:	\$2.5-5M
Construction Timeline:	2025

PROJECT SUMMARY & BACKGROUND

The cut rock slope inland from Wolfe Point has become increasingly unstable in the past few years and has experienced several rock falls. This project seeks to stabilize the slope and prevent future rock falls, improving public safety.

The CMGC contract has been awarded to SECON.

UPDATE

Work will begin in March 2025 and is expected to be completed in the Fall of 2025.

Project:	TONGASS AVENUE IMPROVEMENTS
Project Cost:	\$ 10-20M
Construction Timeline:	2024-2026

PROJECT SUMMARY & BACKGROUND

This project includes resurfacing pavement and making improvements along Tongass Avenue between Hoadley Creek and Elliot Street. The project includes various lane reconfigurations and adds bike lanes.

In early March, the State awarded the project to SECON. SECON is preparing to begin construction in April, beginning with the northern half of the project. The remainder of the project will be completed in 2025.

The remainder of the project is slated for completion in 2025-2026.

UPDATE

Preliminary demolition work will begin in early March 2025. ADOT intends to repair surfacing on the first 70-linear feet of Jefferson Way in the Spring with the first round of paving for the season.

Project:	N. TONGASS HWY RESURFACING
Project Cost:	\$6M
Construction Timeline:	2025-2026

PROJECT SUMMARY & BACKGROUND

This project includes resurfacing pavement and making improvements along North Tongass Highway from Wolfe Point to Ward Creek.

UPDATE

ADOT awarded the contract on 2/12/2025 to Secon-AGGPRO for the first stage of this project. Stage 1 starts at the Revilla Airport parking lot and extends North to the intersection of Ridge Road which is just past the Don King intersection (Walmart light).

Project:	SAYLES - GORGE BRIDGE
Project Cost:	\$5.1 M
Completion Date:	2025-2026

PROJECT SUMMARY & BACKGROUND

The Public Works Department is working in support of the Alaska Department of Transportation and Public Facilities for design and complete replacement of the Sayles-Gorge Bridge. The project is included in the Statewide Transportation Improvement Plan. ADOT permitting and design is ongoing. R&M Engineering-Anchorage was awarded the design by ADOT. Streets Division cleaned the underside of the structure to allow R&M to use scanning technology to survey the structure.

Public Works designed and installed an interim abutment to support the structure until the ADOT construction project begins.

ADOT awarded the project on December 9th, 2024 to Dawson Construction in the amount of \$5,086,356. Staff is working with ADOT to coordinate the construction and allow use of a City owned property for staging and access.

UPDATE

ADOT is working on scheduling a preconstruction meeting date. ADOT is planning to utilize proHNS for construction management on the project with help from other consultants for structural and electrical.

Project:	WATER ST BRIDGE STRENGTHENING
Project Cost:	\$1M
Construction Timeline:	2024

PROJECT SUMMARY & BACKGROUND

This project will repair and strengthen a section of the Water St viaduct in front of Berth IV and near the tunnel. The repairs are necessary to remove the current weight restrictions on the superstructure and return it to good working condition and extend its lifespan.

The Geotechnical Contractor has completed soil borings and have submitted a final report.

UPDATE

This work is completed, and Bauer Way is open to the public.

Project:	TONGASS AVE & WATER ST VIADUCT
Project Cost:	\$100M
Completion Date:	2027-2029

PROJECT SUMMARY & BACKGROUND

Sections of the Tongass Ave and Water St viaducts are experiencing decay of their superstructure. Major repairs are needed to avoid future weight restrictions. This project focuses on three areas of these viaducts: Tremont St to 1471 Tongass Ave, Chapman St to Bauer Way, and Berth III Pavilion to Front St. Construction is anticipated to last three years.

The CMGC contract has been awarded to Dawson Construction. Additionally ADOT&PF has assembled a design team consisting of utility engineers, geotechnical engineers, bridge engineers, Rights-of-Way specialists and project management engineers. Public Works Staff attended a three-day conference with this team in December 2023. The purpose of the conference was to jump start the design process as the nature of this project is becoming critical and cannot sustain any further delays in planning and design.

Staff has concluded that a section of gravity sewer main through the Water St portion cannot be raised in elevation.

Public Works Engineering teamed with the City Manager to prepare a letter of support to the U.S. Secretary of Transportation to assist ADOT in procuring funding for the project.

ADOT does not intend to replace the gravity sewer mains throughout the project despite Staff's rejecting the idea of leaving old sewer pipe beneath a new viaduct/road. To that end, Staff and ADOT are preparing an RSA for the State to incorporate portions of the sewer design and construction in their project. The delineation of sewer design and construction have been fleshed out.

Dawson Construction is working on an estimate for the cost to perform the City's desired wastewater and water work throughout the project. Staff attends additional meetings specific to fleshing out utility scope, conflicts and necessary changes to work towards an agreement with the State to

perform portions of the work. It should be noted that an RSA with the State for the utility work will have an elevated cost to perform the work and also an elevated risk of additional cost escalation as the project progresses.

The State's design team expressed an interest in taking on the water main replacement design work so it can be integrated into the bridge plans and construction phasing plans. Discussions regarding the water design are ongoing.

ADOT has indicated a desire to signalize the Schoenbar Court intersection and a meeting was held to get input on scope of use from interested parties. The State has performed some studies and will send them to Staff.

UPDATE

Public Works Staff attends a bi-weekly design meeting and is working with the design team to ensure the project is progressing and is a good fit for the community and the City of Ketchikan.

The plans are nearing 30% complete and over the several weeks, Staff attended over a dozen review meetings.

In the Paving Plan review meeting, Staff informed ADOT of areas within the project where the asphalt has failed and driving conditions are extremely poor; following that these areas will require some substantial rehabilitation (i.e. an asphalt overlay) immediately and cannot wait for their project. Staff is preparing exhibits to show ADOT where they should focus interim paving rehabilitation.

The ADOT project team made an introductory presentation to the City Council at the Thursday April 3rd meeting.