



ASSEMBLY PUBLIC WORKS AND FACILITIES COMMITTEE AGENDA

September 26, 2022 at 12:10 PM

City Hall Room 224/Zoom Webinar

To participate via zoom, please use this link: <https://juneau.zoom.us/j/91849897300> Or iPhone one-tap: US: +16699006833, 91849897300# or +12532158782, 91849897300# Or Telephone: Dial (for higher quality, dial a number based on your current location): US: +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799 or +1 929 436 2866 or +1 301 715 8592 Or +1 312 626 6799 **Webinar ID: 918 4989 7300**

A. CALL TO ORDER

B. LAND ACKNOWLEDGEMENT

C. ROLL CALL

D. APPROVAL OF MINUTES

1. August 8, 2022 - Regular Meeting Minutes

E. ITEMS FOR ACTION

2. Introduction of FY2024 Draft Legislative Priorities

3. EV Charging Planning and Infrastructure Update

F. INFORMATION ITEMS

4. Waste Management Quarterly Report

5. RecycleWorks Junk Vehicle Program – Guidance Sought on Future Direction.

6. Source Control Presentation by Brian McGuire, Utilities Superintendent

G. PWFC 2022 ASSEMBLY GOALS

7. PWFC Milestones for 2022 Assembly Goals

H. CONTRACTS DIVISION ACTIVITY REPORT

8. August 5, 2022 to September 22, 2022

I. NEXT MEETING DATE

9. November 7, 2022 - 12:10 PM

J. ADJOURNMENT

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org.

**PUBLIC WORKS & FACILITIES COMMITTEE
DRAFT MINUTES – REGULAR MEETING
Assembly Chambers/Zoom Webinar
August 8, 2022**

Section D, Item 1.

I. CALL TO ORDER

The meeting was called to order at 12:15 PM.

Members Present: Chair Bryson, Ms. Triem, Ms. Woll, and Mr. Smith.

Staff Members Present: Katie Koester, Caleb Comas, and Michele Elfers

II. APPROVAL OF MINUTES

A. June 27, 2022 – Regular Meeting Minutes

No comments or changes, minutes approved.

III. ITEMS FOR ACTION

A. Acceptance of Grant for North State Office Building Parking Garage: Ordinance 2022-06(b)(G)

Ms. Koester introduced the acceptance of \$5,000,000 from the State of Alaska (SOA) through a commerce grant for the North State Office Building. This ordinance was introduced at the August 1, 2022, Assembly meeting and referred to the Public Works and Facilities Committee. Ms. Koester stated that they were requesting a motion of support. Ms. Koester gave a brief overview of the next steps. The project will require the development of a partnership with the SOA and Central Council in addition to a parking needs assessment and a cost estimate. The parking garage estimate for the New City Hall was referenced for a cost comparison listing \$80,000 - \$100,000 per space.

Ms. Triem asked for more context on why CBJ is receiving this grant instead of the SOA.

Ms. Koester explained that she had met with SOA facilities director and that the SOA has been requesting funding for years for repairs to the facility, but they have been unsuccessful. Ms. Koester acknowledged that CBJ was partially able to secure this funding due to the legislature's recognition that it would be beneficial for the CBJ to be involved directly and that this partnership would allow them to be more innovative and creative.

Mr. Bryson asked if the previously referenced \$80,000 was accurate for a parking space or if we could expect that number to be higher.

Ms. Koester confirmed that the previously referenced dollar amounts of \$80,000 - \$100,000 are from very recent cost estimates that consider recent increases and inflation.

Ms. Woll moved that the Public Works and Facilities Committee forward Resolution 2022-06(b)(G) to appropriate \$5,000,000 for the North State Office parking garage and asked for unanimous consent with a motion of support.

No objection, motion passed.

B. Acceptance of Grant for Eagle Valley Center: Ordinance 2022-06(b)(H)

Ms. Koester invited Deputy Director Elfers to the

Ms. Elfers introduced the acceptance of \$292,000 for the Eagle Valley Center Capital Improvement Project with grant funding provided by the Rasmuson Foundation energy improvement projects. This money will complement the bond funding that voters approved a couple years ago. There's \$550,000 allocated to the center for energy efficiency. Improvements include boiler replacement with an electric boiler, replacement of the exterior envelope, new doors and windows, and foundation work to prevent moisture intrusion. Ms. Elfers noted the importance of this improvement is due to the facility being older and built along the wetlands. Ms. Elfers stated that there's no water at the site, so they've dug a well to save on energy and staff costs for water delivery. It was also noted that in the future, funds for a heat pump in the well may be requested to lower energy and maintenance costs. The Juneau Park Foundation has also committed \$5,000 to the project and they are hosting a community day on August 20, 2022, for the project. Ms. Elfers asked for the Committee to recommend appropriation for the \$292,000 to the Assembly.

Mr. Bryson asked if the Eagle Valley Center was the only program that generates profit. Ms. Elfers stated that the facility breaks even except for building maintenance costs. Ms. Elfers was that the facility would get closer to the breakeven area with these changes.

Ms. Triem moved that the Public Works and Facilities Committee forward Ordinance 2022-06(b)(H) with a recommendation of support to the full Assembly and asked for unanimous consent.

No objection, motion passed.

IV. INFORMATION ITEMS

A. ADOT and Traffic Safety Update, Nathan Purves – ADOT Traffic & Safety Engineer

Ms. Koester invited Nathan Purves with the Alaska Department of Transportation (DOT) Traffic and Safety Engineering to provide an update on traffic safety and DOT's safety measures.

Mr. Purves presented an overview of DOT's traffic and safety program and how they respond to accidents on the road. Mr. Purves explained the different processes for fatal accidents and work zone accidents and how they perform their investigations to see if there's an engineering solution to improve safety.

Ms. Triem asked if the process that Mr. Purves shared only addresses fatal accidents.

Mr. Purves explained that serious injuries are brought to DOT's attention and all accidents, including minor ones, are reviewed annually.

Mr. Smith inquired about the safety of the signalized crossing area by Gold Creek.

Mr. Purves stated that the crossing area is still being analyzed and that more data must be collected to determine the increased safety. Mr. Purves explained that it was shown that people were crossing prior to the installation without a controlled crossing area, so an increase in safety is anticipated. Mr. Purves acknowledged that this area was a known concern.

Ms. Woll inquired about the Fred Meyers intersection.

Mr. Purves stated that there is an ongoing project to determine safety solutions for the Yandukin intersection (Fred Meyers intersection) for temporary slowing and lane delineation through the intersection.

Ms. Triem had a follow up to Mr. Smith's question. Ms. Triem's had heard that Egan was originally designed to have a much higher speed limit. Ms. Triem asked has DOT planned traffic slowing features to help pedestrians cross the crosswalk.

Mr. Purves stated that he did not believe that there was a traffic calming plan currently in place, but acknowledged Ms. Triem's concern was valid and suggested it go through the Highway Safety Improvement Program.

Ms. Triem suggested CBJ partner with DOT on these places where the roadway is designed for higher speed limits than what is posted.

Mr. Bryson asked if there are any other intersections that are known problem areas.

Mr. Purves indicated that the McNugget Intersection along Egan Drive is an area that is currently in review.

B. Statewide Transportation Improvement Program Amendment No. 4 Update

Ms. Koester presented the items in the Statewide Transportation Improvement Program (STIP), including the electric bus infrastructure funding with federal transportation dollars and road maintenance. Ms. Koester also highlighted a few new projects including lease payments for the operation of a new ferry terminal at Cascade Point and rehabilitating Franklin Street and Thane Road.

Ms. Triem asked how to communicate needs to DOT and if this way of commenting was the proper process.

Ms. Koester stated that CBJ is in communication frequently with DOT and that she meets regularly with DOT leadership. The Mayor also meets with the Commissioner on occasion. Ms. Koester shared in her experience that the community she was in last passed resolutions where the community asked DOT for specific projects. Ms. Koester summarized that there are several ways to communicate with DOT, but this is a very important way for federal funding.

Ms. Triem expressed support and interest in continued discussion about traffic calming.

Mr. Smith asked if CBJ tracks safety on city streets.

Ms. Koester stated the CBJ collects data through JPD and the SOA and that she would be working on compiling data for an upcoming grant opportunity intended to create a safety action plan for our community. Ms. Koester noted that we do not collect data at the same level as the State due to staff and funding limitations and noted that CBJ Streets have lower speed limits.

C. Grant Strategy Update

Ms. Koester shared recent and notable updates including the \$7,000,000 for Juneau North Douglas Crossing in the Senate Transportation Bill and the \$2,500,000 for a municipal composting pilot project in the EPA bill. Ms. Koester noted other upcoming projects including the previously discussed traffic safety plan and a Reconnecting Communities Planning Grant for Lemon Creek's Multimodal Path. It was noted that the potential road projects are preliminary and that CBJ is waiting for SOA guidance for the Community Transportation Program before finalizing what projects CBJ will be pursuing.

Mr. Bryson asked about the status of the Grant Writer position.

Discussion ensued regarding the Grant Writer position and the DC lobbyist consultants.

Ms. Koester confirmed that the Grant Writer position had been added to the budget and CBJ expanded a contract with Blank Rome to provide grant advice and services. CBJ also introduced an ordinance to transfer general funds from the Manager's Office to Engineering & Public Works for a Grant Manager position with the job description to manage the overall grant strategy.

V. PWFC 2022 ASSEMBLY GOALS

A. PWFC Milestones for 2022 Assembly Goals

Ms. Koester congratulated the Committee on making progress on a few goals within the table. Specifically noting the Assembly placed the New City Hall on the ballot and increased funds for deferred maintenance. Ms. Koester provided a general update on action items and highlighted that the Committee should anticipate more work in the near future on zero waste.

VI. CONTRACTS DIVISION ACTIVITY REPORT

A. June 24, 2022 to August 04, 2022

VII. NEXT MEETING DATE

A. Next Regular Meeting will be August 29, 2022, at 12:10 PM.

VIII. ADJOURNMENT

The meeting adjourned at 12:57 PM.



MEMORANDUM

DATE: September 22, 2022

TO: Chair Bryson and CBJ Public Works and Facilities Committee

FROM: Katie Koester, Engineering & Public Works Director

SUBJECT: FY2024 DRAFT Legislative Priorities

The purpose of this memo is to present the FY 2024 Legislative Priority list to the committee and collect input on the process, including proposed changes. As you recall, last year the Assembly, with input from the PWFC, Eaglecrest, Juneau School District, Parks and Recreation, JCOS, Docks and Harbors, Planning Commission, and SRRC established an 18 item priority list to submit to the state. At the same time, the body selected three projects as federal priorities. As the list has gained momentum, it has become more cumbersome to move it through the different CBJ boards and commissions while ensuring everyone has an opportunity to comment. My proposal for FY2024 is to issue a solicitation to CBJ boards and commissions and give staff and boards two months to comment on the existing list, propose new projects, or pick their top 2 priorities. The Planning Commission and SRRC will retain a designated review, as reflected in the proposed schedule. The list will then go back to PWFC to make recommended changes and forward the list to the entire body for ranking and final adoption.

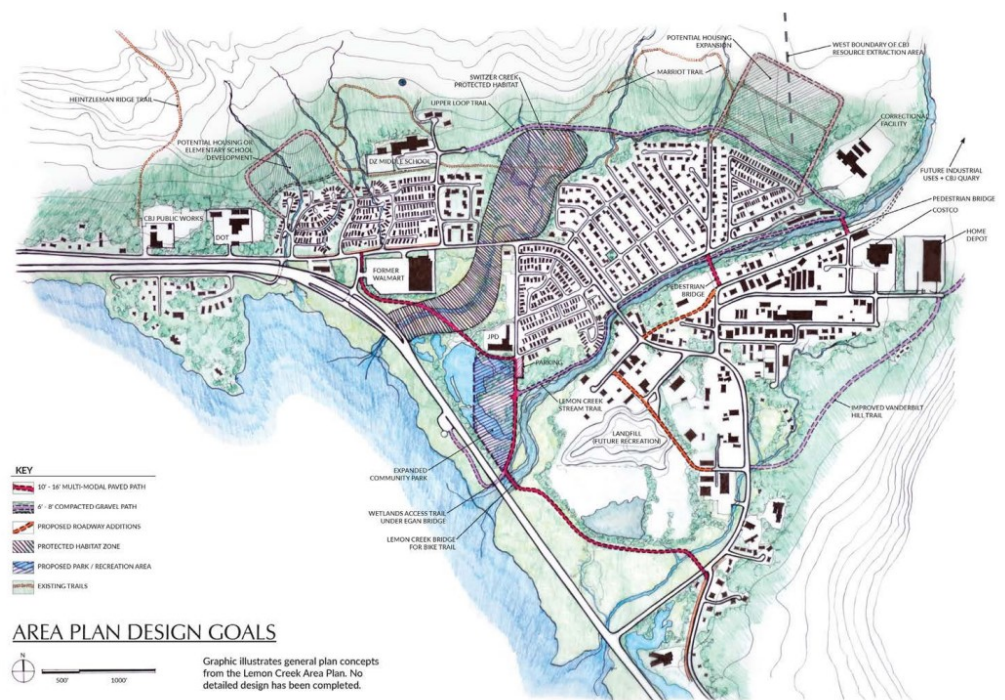
The purpose of the Legislative Priority list is to communicate to the State and Federal delegation, and the community, the long term projects that the City and Borough of Juneau has on the horizon. The intention is for this list to expand beyond the deferred maintenance and infrastructure repair that dominate the Capital Improvement Plan and build a shared vision for a future Juneau. The list has been successful in helping narrow our focus on the more visionary projects and I am happy to report that over half of the projects identified in the FY23 list have had some progress.

The attached document, DRAFT City & Borough of Juneau Legislative Priorities Legislative Priorities FY2024, uses the list approved in January of 2022 as a starting place.ⁱ However, the process is starting even earlier this year to give CBJ empowered and advisory boards two months to collect input. The list should be updated annually and will only be relevant if it is kept to a manageable length, which will require discipline. To that end, I will ask each board/commission to select no more than **two** projects. This could be one of the projects listed, or they can propose a new project that is not currently on the Legislative Priority list. In prior years, Bartlett and the Airport have been excluded from this process because they have their own funding sources unique to the services they provide.

Recommendation:

Approve the FY2024 DRAFT Legislative Priorities process and schedule as presented by staff (and/or recommend changes).

ⁱ Projects will continue to be updated as they reach major milestones. It is possible that some projects will be recommended for removal before final adoption as significant progress has been made (e.g. New City Hall and Eaglecrest Expansion and Summer Operations Development being two examples that come to mind).



Credit: MRV Architects (2017) Area Plan Design Goals, February 4, 2017

City & Borough of Juneau

Legislative Priorities FY2024

9.26.22 DRAFT

(un-adopted)



TABLE OF CONTENTS

Introduction: Page 3

Legislative Priorities Development Schedule: Page 4

Legislative Priority List

Individual Project Details: Pages 6-23

APENDIX

Everything you wanted to know about the Legislative Priority List: Page 24

CBJ lists, plans and priorities graphic: Page 25

DRAFT

Will be updated after adoption of list.

January 31, 2022

To The Honorable State and Federal Delegation:

This document presents the City and Borough of Juneau's Fiscal Year 2023 Legislative Priority List. The Legislative priority list provides information on long range capital projects identified as priorities for the community of Juneau. Descriptions of projects include cost and schedule information, a designation of who will be responsible for operating and maintaining the infrastructure, and what goals the project is advancing.

The projects included in the Legislative Priority List were compiled over many months with input from CBJ Boards and Commissions. The Legislative Priorities will be used to inform requests to State Legislature, Federal Delegation and granting agencies.

It is the intent of the City and Borough of Juneau to update the Legislative Priority list annually to ensure the long-range capital improvement planning stays current, as well as to determine annual legislative priorities and assist with budget development. Please don't hesitate to reach out with any questions

Sincerely,



Rorie Watt
City Manager

DRAFT

Will be updated after adoption of list.

City and Borough of Juneau
FY2024 LEGISLATIVE PRIORITIES DEVELOPMENT SCHEDULE

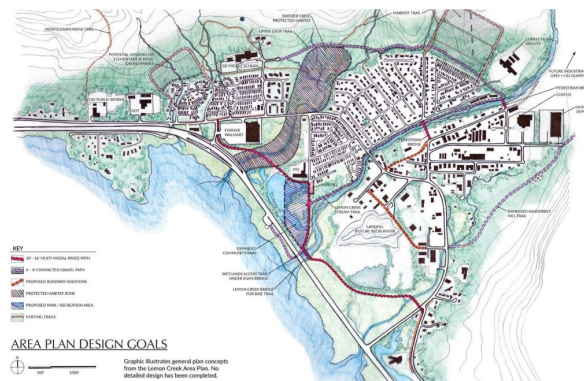
ACTION	TIME FRAME
PWFC approval of schedule & process	September 26, 2022
Issue solicitation for input from CBJ Advisory Boards and Commissions with clear instructions, including on how to propose new projects.	October, 2022
Input for new draft requested by	December 1, 2022
Presentations to Boards and Commissions	
	Planning Commission Introduction October 25, 2022; Planning Commission Final Approval November 8, 2022
	Systemic Racism Review Committee 1 st Review: November 22, 2022
Administrative review and compilation	December 1- 9, 2022
SRRC 2 nd Review (with board/commission input and new projects)	December 13, 2022
PWFC for review	December 19, 2022
Homework: Assembly ranks priorities	Due December 29, 2022
Finance Committee	January 4, 2022
Assembly Adoption (COW)	January 23, 2023
CAPSIS Deadline	February 1, 2023
Distribution of Priorities	February

Adopted FY2023 Legislative Priority List

Rank	Project Name:	Purpose:	Amount:	Goal:	Page #
1	Lemon Creek Multimodal Path	Design, Permitting, Property	\$2M	Advance Long-term Goal of a New Non-Motorized Route	6
2	Second Channel Crossing	Economic Impact Analysis and/or PEL Study	\$7M	Economic Development	7
3	Pederson Hill Development	Development	\$3M	Increase housing and development opportunities	8
4	New City Hall	Partial Funding	\$5M	Reduce CBJ Operating Cost, Free up/create housing	9
5	Shore Power at Dock 16B	Final design and construction	\$25M	Reduce emissions, improve air quality and economic development.	10
6	Capital Civic Center	Partial Funding	\$5M/\$30M	Support Convention and Visitor Economy	11
7	West Douglas Extension	Future Development	\$3M	Long Term Development Support	12
8	Eaglecrest Expansion and Summer Operations Development	Phase one construction of new Gondola	\$6.5M	Economic development/tourism diversification.	13
9	Telephone Hill	Site work	\$2M	Prepare for Redevelopment	14
10	North State Office Building Parking	Partial Funding	\$5M	State/legislative Parking, Auke District infill Development	15
11	Mendenhall River Community School Renovation	Major Renovation	\$21M	Renovate to facilitate delivery of high quality education	16
12	Marie Drake Renovation	Major Renovation	\$31M	Renovate to facilitate delivery of high quality education	17
13	Aurora Harbor Phase III	Design, Permitting	\$250K	Replace critical infrastructure and support maritime economy	18
14	Auke Bay New Breakwater	Match Potential Federal Funding	\$5M	Increase Moorage and Renovate old Economic Development	19
15	North Douglas Boat Ramp Expansion	Planning, research, permitting	\$250K	Improve safety and expand boating access and transportation	20
16	Waterfront Juneau Douglas City Museum	Partial Funding	\$1M	Reduce CBJ Operating Cost, Expand Capital Campus	21
17	Trail Maintenance and Development	Improve trail network in CBJ	\$5M	Support health and wellness with local recreation for trails community connection.	22
18	Auke Bay Seawalk	Design, Permitting, Property	\$250K	Improve Non-Motorized Route	23

DRAFT

Will be updated after adoption of list.



LEMON CREEK MULTIMODAL PATH

AMOUNT REQUESTED: \$8M

AMOUNT SECURED: \$250,000; \$1.5M pending voter approval of Special 1% Sales Tax

TOTAL PROJECT COST: \$10M

PROJECT DESCRIPTION & UPDATE:

The requested funding would construct a multimodal path in Lemon Creek that connects residents to schools, shopping, jobs and services. CBJ is pursuing a Reconnecting Communities grant for FY23 that will include robust public engagement, route selection and preliminary design. Sales tax funding going before the voters in October of 2022 will allow for further design of the project as well as potential match for construction grant opportunities. The potential route will to extend from Glacier Highway at Vanderbilt Hill, across wetlands, then extend parallel to Egan to reach the Lemon Creek area.

PUBLIC PROCESS:

Project has been identified as a priority by the 2017 Lemon Creek Plan adopted into the Comprehensive Plan.

TIMELINE:

CBJ is applying for a Reconnecting Communities Planning Grant in October of 2022. Public outreach and alternatives analysis will begin in 2023. Once full funding is secured, 18-24 months for design and construction.

WHO WILL MAINTAIN AND OPERATE? TBD

GOAL OF PROJECT: Advance Long term goal of a new non- motorized route.



Photo Credit: Juneau Empire

JUNEAU NORTH DOUGLAS CROSSING

AMOUNT REQUESTED: \$13M

AMOUNT SECURED: \$2M for PEL; \$250,000 CBJ; \$7M pending approval

TOTAL PROJECT COST: \$100M-\$200M (depending on alternative)

PROJECT DESCRIPTION & UPDATE: A second crossing from Juneau to Douglas Island has been a priority for the community since the early 80s. An alternate access to the heavily populated Douglas Island will increase safety; if the only bridge now were to fail residents would be stranded and emergency services would be limited. It will reduce transportation times and open up new land to development.

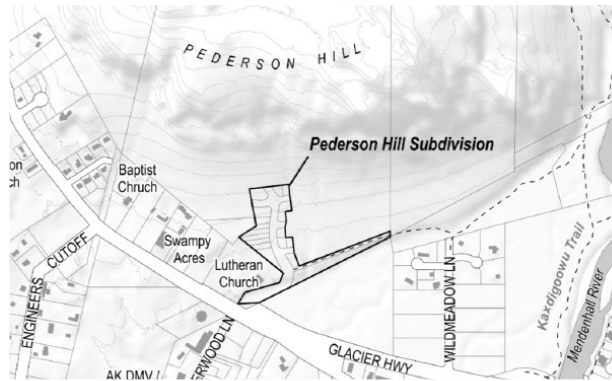
If approved, \$7M currently in the Senate Transportation will be used to build on the economic analysis and environmental work underway through the Planning and Environmental Linkages (PEL) Study to perform a robust cost benefit analysis, select a preferred alternative, and complete the environmental analysis to National Environmental Policy Act (NEPA) standards. Funding is being requested to bring the project to 100% design and bid ready for Federal Highway Funding under the Infrastructure Investment and Jobs Act.

PUBLIC PROCESS: Through the PEL process ADOT, under the stewardship of DOWL engineering, has engaged in multiple stakeholder and public meetings to identify both public sentiment on the project and potential alternatives. The most recent listening session was held in North Douglas September 26th to incorporate local neighborhood feedback.

TIMELINE: The PEL study is expected to be complete by spring of 2023. Building on the work of the PEL, NEPA should take 12-18 months. This will put the project in a excellent place to apply for a RAISE or INFRA grant in the 2024 funding cycle.

WHO WILL MAINTAIN AND OPERATE? State of Alaska.

GOAL OF PROJECT: Community safety and economic development.



PEDERSON HILL HOUSING DEVELOPMENT

AMOUNT REQUESTED: \$3M

AMOUNT SECURED: 2.3 Million

TOTAL PROJECT COST: \$10M

PROJECT DESCRIPTION & UPDATE:

The requested funding would provide for the construction of street lighting, water and waste water lines, streets and sidewalks for Phase 1B of Pederson Hill Subdivision development.

PUBLIC PROCESS: The 86 lot preliminary plat was approved by the Planning Commission in October of 2017. The first phase was completed in 2019. There will be an opportunity for public comment to the Planning Commission during the final plat approval process and an opportunity to comment to the Assembly during the land disposal process. Once a final plat is approved the disposal of municipal land will be authorized by the Assembly through the adoption of an ordinance which sets the terms and conditions of the sale.

TIMELINE:

Once funding is secured, design can be complete within 9 months from start and construction complete within 28 months from start.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Increase housing.



NEW CITY HALL

AMOUNT REQUESTED:

TOTAL PROJECT COST: \$42.3M

AMOUNT SECURED: \$6.3M

PROJECT DESCRIPTION & UPDATE: This project will relocate City Hall to a new location on CBJ land in the Aak'w Village District at 450 Whittier. The new facility will consolidate city employees, eliminate the cost of rental office space for over two-thirds of CBJ downtown employees, and eliminate the use of the current aging, undersized city hall facility. The elimination of leased space will reduce CBJ operating expense by \$820,000 a year and free up rental space for conversion to much needed downtown housing. A space needs analysis in 2019 determined CBJ needs 46,000 square feet for modest offices and public meeting space.

PUBLIC PROCESS: A conceptual design and economic feasibility analysis was performed in 2018. A winter of 2021 online survey showed that 76% of almost 1400 respondents were supportive of a new city hall. The feedback from the survey has been used to design a public process with a selection of a preferred alternative in April 2022 and a public vote on a bond proposition for funding scheduled for October 2022.

TIMELINE: Site selection and conceptual design complete Summer of 2022; design 11/2022-11/2024; bid construction end of 2023; 18 month construction schedule puts project completion in fall of 2025.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Consolidate CBJ offices, reduce CBJ operating cost in the long term, free up workforce housing.

DRAFT



SHORE POWER AT DOCK 16B

AMOUNT REQUESTED: \$22.5M

TOTAL PROJECT COST: \$25M

PROJECT DESCRIPTION & UPDATE: The project would provide the final design and construct the electrical infrastructure (substation, load tap changer transformer, feeder cables, etc.) and shore power infrastructure (submarine cables, power connection floats, cable positioning devices) at the two CBJ-owned cruise ship docks. The electrical infrastructure could also service ground transportation as it transitions to electric vehicles.

The project benefits the community by improving air quality and reducing noise pollution from cruise ships that connect to shore power while hoteling in port, and by upgrading the electrical infrastructure at Juneau's waterfront. The elimination of ship GHG emissions furthers the community's climate action goals of switching from fossil fuels to renewable hydropower as well as enables the cruise lines to better meet their sustainability goals. The project benefits the tourism sector of the community.

TIMELINE: CBJ has appropriated \$2.64M in FY2023 to this project. Docks & Harbor applied for a FY22 RAISE grant which was unsuccessful. Grant results for the FY22 Port Infrastructure Development Program (PIDP) have not yet been released. Docks & Harbors will pursue other grant opportunities under the Inflation Reduction Act as appropriate. Construction phase to be completed by 5/2027.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Reduce emissions, improve air quality and economic development.



CAPITAL CIVIC CENTER

AMOUNT REQUESTED: Federal Delegation—\$30M; State of Alaska—\$5M

AMOUNT SECURED: CBJ- \$2M design; \$7M upgrades to centennial hall; \$10M commitment from CLIA for MPFs

TOTAL PROJECT COST: \$65M

PROJECT DESCRIPTION: This project will construct a new and renovated convention and performance center in Juneau Alaska. This project expands the current Centennial Hall and merges a new performing arts center with an expanded convention center to support the convention and visitor economy.

PUBLIC PROCESS: Conceptual studies of convention center elements (Centennial Hall) were performed in June of 2019 with several public meetings and upgrades to the ballroom will be complete in 2023. The performing arts campus (new JACC) also received public input throughout the development of design for a stand alone facility. Merging the two facilities into a large, single, facility was presented to the Assembly by stakeholder organizations in 2020. The Assembly funded conceptual design to build on previous design work and in late 2021 appropriated \$2m to bring the project to 65% design. NorthWind, JYW, and Hacker Architects have teamed up to provide design services and have worked with stakeholders to consolidate space and find design efficiencies.

TIMELINE: Once funding is secured, 3-3.5 year design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Support convention, arts and visitor economy.



WEST DOUGLAS EXTENSION

AMOUNT REQUESTED: \$4M

TOTAL PROJECT COST: \$5M

PROJECT DESCRIPTION:

This project will continue construction of the gravel surface pioneer road from near the current end of the Douglas Highway to Hilda Point. The road will promote development, increase opportunities for recreational access to public lands, and enable closer access to new growth development areas that are identified in the CBJ Comprehensive Plan. Road access will assist land owners in their on-the-ground investigations required for formulating future development plans.

PUBLIC PROCESS:

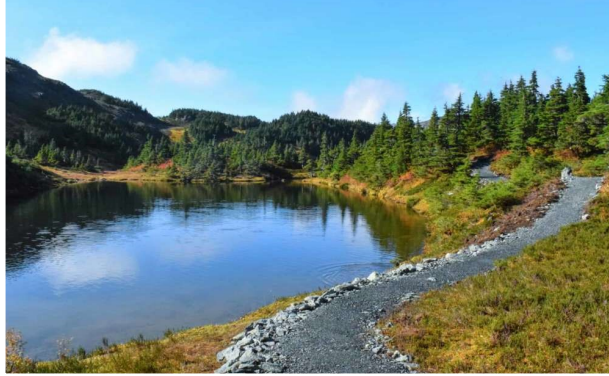
West Douglas Roadway corridor alignment has been approved by Assembly and Planning Commission. This project has been identified as priority 'New Growth Area' by CBJ Comprehensive Plan and West Douglas Conceptual Plan.

TIMELINE:

Once funding is secured, 18-24 month design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Support long-term development.



EAGLECREST EXPANSION AND SUMMER OPERATIONS DEVELOPMENT

AMOUNT REQUESTED: \$0

AMOUNT SECURED: CBJ—\$2.5M; working on revenue sharing agreement for remaining costs

TOTAL PROJECT COST: \$12.5M

PROJECT DESCRIPTION & UPDATE:

Eaglecrest has been working on plans to expand operations into the summer season since early 2019 to create new visitor experiences for cruise and independent travelers. In 2021, CBJ purchased a used gondola to open up additional mountain attractions to visitors and facilitate mountain bike activities. The Gondola is on site and installation is scheduled to begin next construction season once full funding is secured. This project is supported by the Juneau Economic Plan, the Southeast Conference Comprehensive Economic Development Strategy, Juneau Economic Development Council, and Travel Juneau.

PUBLIC PROCESS:

Extensive community engagement took place directly prior to the onset of the COVID 19 Pandemic in the summer of 2019 with over 20 public outreach meetings, work sessions, and online public surveys. In 2021, there was extensive public debate on the purchase of a used gondola to advance Eaglecrest long term summer operations goals. The Eaglecrest Summer Operations Task Force is tasked with continuing development of that vision.

TIMELINE: Update pending.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Simulate regional economic development through diversification of the summer tourism economy and expansion of the winter visitor industry.



TELEPHONE HILL RE-DEVELOPMENT

AMOUNT REQUESTED: \$2M

AMOUNT SECURED: \$100,000

TOTAL PROJECT COST: unknown

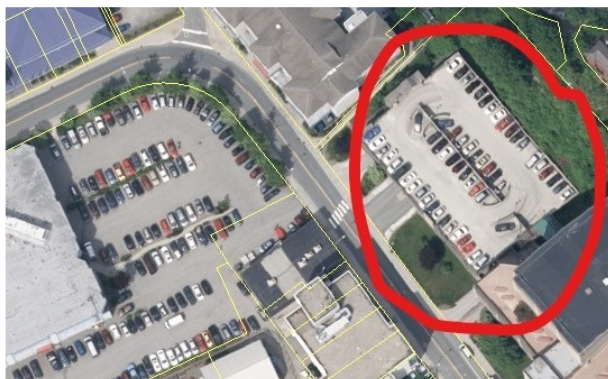
PROJECT DESCRIPTION: Surveying costs, hazardous materials study, removal of hazardous materials and environment cleanup, demolition of existing structures, a redevelopment study and site preparation and re-subdivision.

PUBLIC PROCESS: In 2020, CBJ applied to acquire the Telephone Hill properties from the State of Alaska. In June 2022, the Legislature directed the Department of Natural Resources to convey Telephone Hill to CBJ at no cost (HB349). In August 2022 the CBJ Assembly adopted a resolution accepting Telephone Hill at no cost from the State of Alaska. In September, the Assembly appropriated \$100,000 to the Manager for the Telephone Hill Redevelopment CIP.

TIMELINE: CBJ ownership in January of 2023 with implementation beginning as soon as funds are available.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Redevelop over 3 acres of property in downtown Juneau for the best and highest use.



NORTH STATE OFFICE BUILDING PARKING

AMOUNT REQUESTED: \$30M

AMOUNT SECURED: \$5M in FY2023 State Capital Budget; \$5M request in 1%

TOTAL PROJECT COST: \$40M

PROJECT DESCRIPTION:

This parking garage provides parking for the State just North of the State Office Building. The current garage is old and in need of major repairs. Building a garage with greater capacity would expand parking for state employees, the Legislature, and the Aak'w Village District freeing up current parking lots for development and infill. This project would be 7 stories, creating a total of 466 parking spaces, with a total net increase of 323 new parking spaces.

PUBLIC PROCESS: Designated as Legislative Priority in 2021 & 2022.

TIMELINE:

Once funding is secured, 18-24 month design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? TBD

GOAL OF PROJECT: State/legislative parking, Aak'w Village District infill development.



MENDENHALL RIVER COMMUNITY SCHOOL RENOVATION

AMOUNT REQUESTED: \$21M

TOTAL PROJECT COST: \$21M

PROJECT DESCRIPTION:

Mendenhall River Community School is a 58,000 sq. ft. structure built in 1983. This construction would replace “end of life cycle” issues including electrical, plumbing, exterior envelop and sidewalks. A crucial need is the dining space; currently the gym is used for dining which limits the ability to comply with recent physical activity legislation. Board specifications call for a separate dining space. This will benefit the families of Juneau.

PUBLIC PROCESS:

This project is currently listed in the Juneau School District’s 6-year Construction-in-Process that has been submitted to the State of Alaska, Department of Education and Early Development.

TIMELINE:

Once funding is secured, 3 year design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ/JSD

GOAL OF PROJECT: Efficiently renovate a facility to deliver high quality education to Juneau students.



MARIE DRAKE RENOVATION

AMOUNT REQUESTED: \$31M

TOTAL PROJECT COST: \$31M

PROJECT DESCRIPTION & UPDATE:

Marie Drake School was originally construction in 1965. It was used as a middle school until 1994. Since then, the facility has housed multiple school district programs, serving an essential function during overcrowding at Juneau Douglas (JD) High School several years ago. The facility is wedged between 2 existing schools: Harborview Elementary and JD High School. The land area is limited because the building footprint takes up over half of the site. Adjacent playgrounds and open spaces provide limited opportunities for shared use.

PUBLIC PROCESS:

This project is currently listed in the Juneau School District's 6-year Construction-In-Process that has been submitted to the State of Alaska, Department of Education and Early Development.

TIMELINE:

Once funding is secured, 3 year design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ/JSD

GOAL OF PROJECT: Efficiently renovate and re-align Marie Drake to appropriately support the Yaakoosge Daakahidi High School and Montessori School, as well as other district programs and activities, for the long term.



AURORA HARBOR PHASE 4

AMOUNT REQUESTED: \$1M

AMOUNT SECURED: \$0

TOTAL PROJECT COST: \$7M

PROJECT DESCRIPTION:

Request for funding to continue the reconstruction of the Aurora Harbor Facility. Past work has been divided into segments. This request would continue preliminary design and begin permitting tasks.

PUBLIC PROCESS:

The project has been through a long term planning process with community outreach. It is the 4th phase of the larger reconstruction plans.

TIMELINE:

Once funding is secured, 18-24 month design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Replace critical infrastructure and support maritime economy.



Photo Credit: Cathy Mahnke

AUKE BAY NEW BREAKWATER

AMOUNT REQUESTED: \$5M

AMOUNT SECURED: \$0

TOTAL PROJECT COST: unknown

PROJECT DESCRIPTION:

The requested funding would allow for the preliminary planning and design phases, including permit acquisition. This opens the opportunity for the construction of a new breakwater at the end of the Statter Harbor. The current facility has reached it's useful life and needs to be replaced. The new facility would allow for more moorage and provide economic stimulus to the community. CBJ would be the local sponsor for the US Army Corps of Engineers, who is federally responsible for the feasibility analysis, design and construction of the breakwater. Local match is required under federal law.

PUBLIC PROCESS: Identified as a Legislative Priority for FY2022

TIMELINE:

Once funding is secured, 3 year design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Increase Moorage and recapitalization of aging infrastructure.



NORTH DOUGLAS BOAT RAMP EXPANSION

AMOUNT REQUESTED: \$250,000

TOTAL PROJECT COST: \$20M

PROJECT DESCRIPTION:

Requested funding would accomplish the first steps to expanding the North Douglas Launch Ramp Facility. These include planning, research and permitting to initiate the project.

PUBLIC PROCESS: Docks and Harbors has solicited public input on the concept.

TIMELINE:

Once funding is secured, 18-24 month design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Improve safety and expand boating access & transportation.



WATERFRONT JUNEAU DOUGLAS CITY MUSEUM

AMOUNT REQUESTED: \$1M

AMOUNT SECURED: \$2M in 1%

TOTAL PROJECT COST: \$12M

PROJECT TYPE: Planning & Design

PROJECT DESCRIPTION:

This project will construct a new museum on the waterfront to house art and other local collections. The museum will leverage its waterfront location to become a destination for visitors and locals.

PUBLIC PROCESS: Identified as Legislative Priority in FY2023

TIMELINE: Once funding is secured, 2-3 year design and construction timeline.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Expand Capital Campus.



TRAIL MAINTENANCE AND DEVELOPMENT

AMOUNT REQUESTED: \$5M

TOTAL PROJECT COST: \$20M

PROJECT DESCRIPTION:

This project will support the development and maintenance of trails within the City and Borough of Juneau (CBJ). An update of the 1992 Trails Plan will be presented to the Assembly for adoption in Summer 2023, which will address community vision, goals and strategies for trail development and maintenance. The public feedback has focused on trails connecting neighborhoods, schools, recreation areas, work places and communities that are accessible, safe, and multi-modal. Trails that interconnect and loop, accessing scenic areas, cabins and shelters, and provide access to hunting, fishing and wildlife viewing.

PUBLIC PROCESS:

The United States Forest Service Juneau Ranger District, the Alaska State Parks Division, Trail Mix and CBJ are leading the planning effort. Multiple public meetings were held in 2019. Public participated in a survey. 89% of respondents report using trails in the past 12 months. The Juneau Comprehensive Plan and Alternative Transportation Plan identify trail development and connecting neighborhoods and communities as very important.

TIMELINE:

Construction could begin in 2023 and continue through 2026

WHO WILL MAINTAIN AND OPERATE? Trail Mix and CBJ



AUKE BAY BAYWALK

AMOUNT REQUESTED: \$250,000

TOTAL PROJECT COST: \$30M

PROJECT DESCRIPTION:

The requested funding would accomplish the initial steps to build a Baywalk in Auke Bay. These include planning, research and property identification and examining the potential of providing a non-motorized link from the Auke Bay Ferry Terminal to the Auke Bay Harbor or the center of the Auke Bay Planning Area.

PUBLIC PROCESS:

These items were identified during the creation of the 2015 Auke Bay Area Plan adopted into the Comprehensive Plan.

TIMELINE:

Once funding is secured, within 24 months of start date.

WHO WILL MAINTAIN AND OPERATE? CBJ

GOAL OF PROJECT: Improve Non-Motorized Route

APPENDIX

EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT THE CBJ LEGISLATIVE CAPITAL PRIORITIES LIST

by Katie Koester, Engineering and Public Works Director

Q: What are the Legislative Capital Priorities?

A: The CBJ Legislative Capital Priorities (LCP) is a document that lays out community priorities for capital projects, including a project description, rationale for why it's needed (benefits to the community), description of progress to date (money raised, plans drawn up, etc.), and estimated total cost. For CBJ projects, additional information is provided on the timeline for completion. Facilities that have alternative funding streams are not included on this list: for example, the Airport, Bartlett or projects that can be funded through Passenger Fees. See graphic on the following page for a diagram of how the different plans and lists relate to each other.

NOTE: Inclusion on the Legislative Capital Priorities is not a funding request. From CBJ's standpoint, it is a mechanism to prioritize projects and raise awareness of a needed project to increase chances of funding from various sources. Nominating a project for inclusion in the LCP should not be thought of as a request for municipal funding.

Q: Are the "legislative priorities" the same as the Capital Improvement Plan?

A: No, they are a prioritized list of projects that are pulled from various CBJ plans, including the Comprehensive Plan, Area Plans, and the Six-year Capital Improvement Plan. The Legislative Priorities are "short list" of projects on which CBJ will focus particular attention during the upcoming legislative session and with the federal delegation. (The goal is to get at least partial funding for a project included in the state capital budget or federal earmark.)

CBJ's "short list" of Legislative Priorities should have a limited number of projects on it. An attempt is made to phase projects so that funding requests range in size depending on available funds and objective. For the State Legislature, project descriptions are inputted into an online system lawmakers use to prioritize funding requests (CAPSIS). These are due in February.

Federal priorities are also solicited by the delegation through an online platform. The Assembly will designate projects that have a nexus with federal funding opportunities for submission to the delegation through the Legislative Priority process.

Q: What is a capital project?

A: A capital project is a major, non-recurring budget item that results in a fixed asset (like a building, road, parcel of land, or major piece of equipment) with a useful life of 20-50 years. Designing and building a new library is a capital project. Planning and implementing an after-school reading program is not a capital project. Most of the projects in the LCP are CBJ projects, but some are community projects spearheaded by a non-profit organization or state or federal agency (e.g., Alaska DOT). To be included on the LCP projects must have an estimated total project cost of at least \$1,000,000.

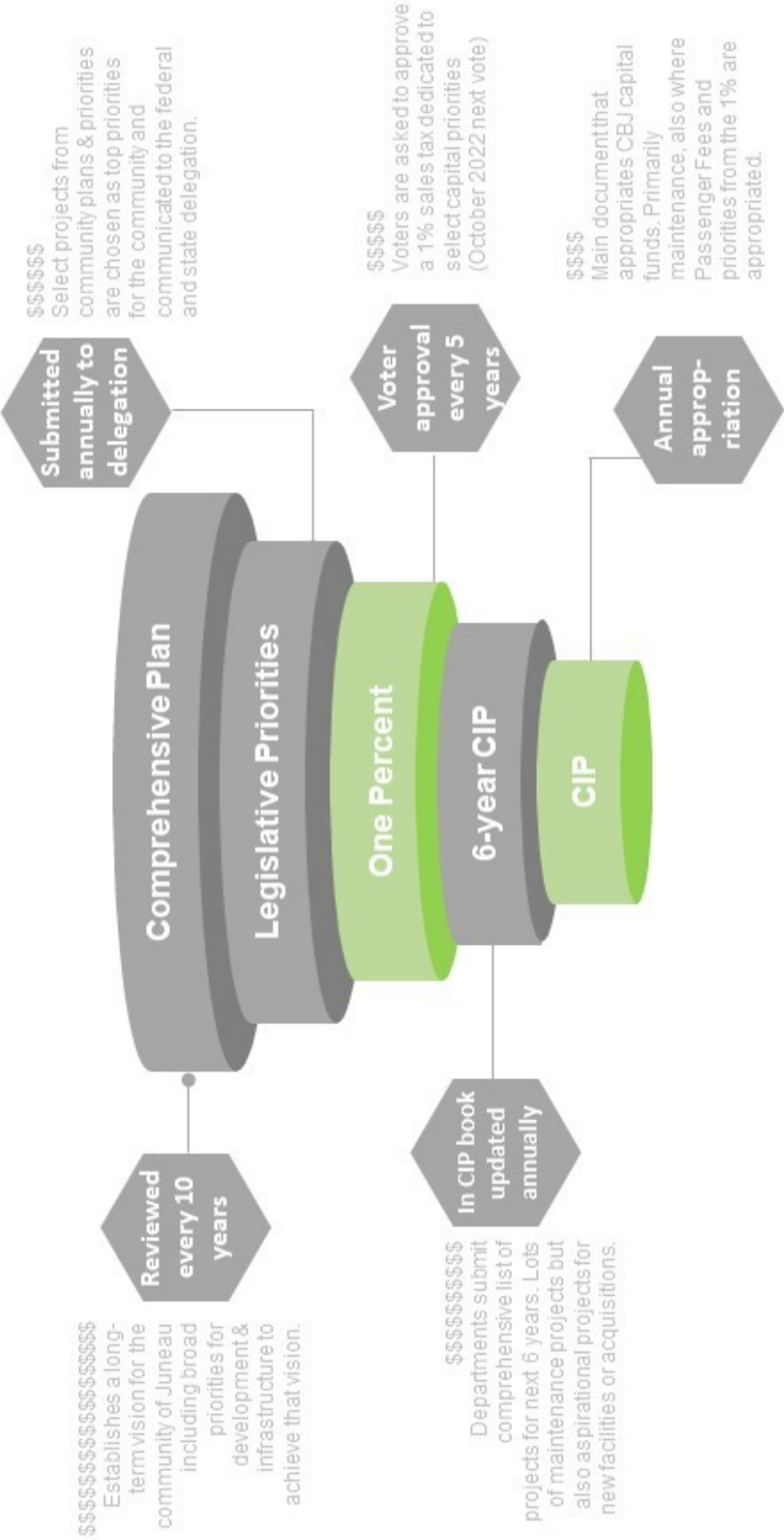
Q: Is the Legislative Capital Priorities list just "wish list," and if so, what's the point of writing up a "wish list"?

A: The Legislative Priorities list does include projects that are aspirational, and as such may have items that are so large or expensive, that it is hard to imagine completion in the near future. However, articulating these priorities helps guide the Assembly and the community through small steps that lead up to the larger goal and advocate towards a common goal. It will take time and discipline to keep the list an accurate and living document.

There are several reasons to include longer term projects on the Legislative Priority List, even when it seems like little progress is being made in accomplishing projects: 1) It helps focus attention on community needs. 2) It helps groups raise money for projects if the sponsor can say that the project has been identified as a community priority in the CIP. 3) Typically the more priority a municipality places on a project, the greater the chances it for a legislative appropriation.

CBJ lists, plans and priorities

How do the many CBJ lists of projects, plans and priorities relate to each other? This diagram shows how each document informs the one below it. The dollar signs represents the general volume of funds needed, but only the green rings are lists that come with the commitment of actual dollars.





MEMORANDUM

DATE: September 26, 2022
TO: CBJ Boards and Commissions
FROM: Katie Koester, Engineering and Public Works Director
THROUGH: CBJ Public Works and Facilities Committee
SUBJECT: DRAFT FY2024 Legislative Capital Priority List

The purpose of this memo is to provide information on the FY 2024 City and Borough of Juneau Legislative Priorities process and solicit the input of CBJ boards and commissions in the process. It is important to note that Legislative Priorities are not a funding request, it is a way to articulate larger or more complicated funding needs to the Legislature, the federal delegation, and the public. This is not a comprehensive list. Rather it represents the CBJ Assembly large scale priorities for a given year. The 6-year CIP is still the principal vehicle for capital budget planning and funding.

The state legislative delegation deadline for submitting CBJ capital priorities to the Alaska State Legislature is February 1 of 2023. Last year, CBJ put together a list with input from 7 different boards and commissions. However, as the list has gained traction, there has been increased interest from many of the 40 CBJ boards and commissions to have an opportunity to weigh in. Because of this, PWFC initiated the Legislative Priority list earlier this cycle to give boards and commissions a full 2 months to provide input.

CBJ boards and commissions are being invited to nominate a project that the Committee would like to see on the list and/or provide input on project priorities. This information, in conjunction with inputs from other CBJ boards and commissions, will be used by the Assembly to amend and reprioritize the list.

Guidelines and recommendations for input:

- A prioritized list is only useful if there is the discipline to keep in manageable and relevant. Please keep that in mind when making your recommendations.
- Please limit your recommendations to nominating your top two projects. This will make your input more actionable for the Assembly.
- If your body would like to propose a new project, please use the Legislative Priorities Project Nomination form provided.
- To be eligible a project needs to provide a capital asset with a life of more than 10 years and have a total project cost over \$1 million (review the appendix of the draft list, 'Everything you wanted to know about the CBJ Legislative Capital Priorities' for more information).

- Comments should be addressed to the Assembly and are due to Katie.koester@juneau.org no later than December 1, 2022

Recommendations will be forwarded to the full Assembly for consideration no later than January 2023. See the schedule included in the draft FY 2024 Legislative Priorities for more information. Thank you for your time and participation in this important planning process.

ENC:

City and Borough of Juneau DRAFT FY2024 Legislative Priorities
City and Borough of Juneau Legislative Priorities Project Nomination Form

City & Borough of Juneau Legislative Priorities Project Nomination Form

Section E, Item 2.

Project eligibility

- A. Does the proposed project represent a major, nonrecurring expense with a total project cost over \$1M
YES NO
- B. Will the proposed project result in a fixed asset (e.g., land, major equipment, building or other structure, road or trail) with an anticipated life of at least two years? YES NO
- C. Will the project provide broad community benefit? YES NO
-

If you were able to answer YES to all three questions, please provide additional information:

1. Project title (Suggested heading):

2. Project description and benefit. Describe the project (in half a page or less), including specific features, stages of construction, etc. Explain how the project will benefit the community. Are there any green or sustainability elements to the project? What sector/s of the community will this project benefit?

3. Plans and progress. Describe (in one or two paragraphs) what has been accomplished so far (if anything). This may include feasibility study, conceptual design, final design/engineering/permitting, fundraising activity, and total funds raised to date.

4. Project support. Is the project supported in CBJ or other Area plans (List where the project is mentioned in planning documents. This could include CBJ plans such as the Comprehensive Plan, or regional planning documents like the Comprehensive Economic Development Strategy).

5. Goal of project. In one sentence or less, state the goal of the project. For example “economic development” or “improve non-motorized transportation routes.”

6. O&M. Who is responsible for operations and maintenance upon completion of the project?

For more information, call Katie Koester at 907.586.0800 or Katie.Koester@juneau.org

4. Project cost:

A. TOTAL COST (including funds already secured) = \$ _____

B. AMOUNT SECURED (include funding source) = \$ _____

B. For construction projects, break out preconstruction costs (feasibility/design/permitting):

Preconstruction costs = \$ _____ Construction costs = \$ _____

5. Timeline: Indicate when you hope to complete each phase of the project. Keep in mind that the Legislative Priorities will not be published until February. Legislative funding from the state would not be available until the start of the following fiscal year (July).

A. For projects that consist of land or equipment purchase only, state when the purchase would be made:

For construction projects:

B. Preconstruction phase to be completed by _____.

C. Construction phase to be completed by _____.

6. Physical Location. Please provide the address or physical description of where the project is located.

7. Please provide a photo, drawing, map, or other graphic image if possible.

8. Contact Information

For more information, call Katie Koester at 907.586.0800 or Katie.Koester@juneau.org



DATE: September 26, 2022

TO: Wade Bryson, Chair, Public Works and Facilities Committee

FROM: Katie Koester, Director of Engineering and Public Works & George Schaaf, Director of Parks and Recreation

SUBJECT: EV Charging Planning and Infrastructure Update

EV Charger Strategy

Both PWFC and JCOS have helped to develop the current strategy on EV chargers. Over the past several years, the Assembly has allocated funds through the CIP process to install area wide electric vehicle (EV) charging infrastructure. The Engineering and Public Works Department guiding principles for site selection of EV charging infrastructure include the following:

- Provide auxiliary charging locations at convenient locations throughout town
- Reduce range anxiety
- Provide overnight charging options for “garage orphans” (those without the ability to charge overnight at their own residence)
- Multi-family units/condos/rentals
- Rentals and homes without off-street parking (downtown)
- Live-a-board boats
- Proximity to a suitable electrical service
- Relative cost associated with the installation of a charger
- Existing or potential for protection from the elements
- Convenience of and utility to the public

EV Charger Installations

The following sites were installed during the summer of 2022.

- Basin Road and 8th Street Parking lot
- Harris Harbor
- Eaglecrest parking lot
- Twin Lakes Parking lot
- Eagle Valley Center

These installations are in addition to the ones previously installed on CBJ property:

- Marine Parking Garage
- Downtown Transit Center (DTC)
- Statter Harbor
- Mendenhall Public Library
- Douglas Public Library
- Treadwell Ice Arena

Parking Management for EV Chargers

With the installation of new chargers, questions and issues have arisen regarding how to manage EV Charger usage in the parking lots. All chargers installed on CBJ property limit parking to two hours for actively charging vehicles. In the Marine Parking Garage and Statter Harbor, there is a fee to park any car. The fees fund enforcement of the rules through a contracted security service. At all of the other EV charger locations, enforcement is not practiced.

To meet the stated EV Program goals above, it will be increasingly common to install chargers in parking areas that are in dense development and have high demand for parking. The recently installed chargers on Basin Road are specifically intended to serve residents who cannot install a charger on their property because their lot is too small, they have no driveway, or they live in a multi-unit complex. It is difficult to provide charging opportunities for this type of housing situation because land is limited where development is dense.

The parking lot had no posted restrictions until an electric vehicle (EV) charger was installed in August 2022. The parking spaces are signed similar to all the other EV charging spaces on CBJ property. The signage dedicates two parking spaces to EVs only while charging for a maximum of two hours.

Parks and Recreation (P&R) has received numerous complaints about the Basin Road EV charging station.

- Reserving two spaces for EVs reduces the amount of parking for people who do not own EVs
- Reserving parking for EVs disproportionately impacts people who cannot afford an EV
- EV owners report non-EVs parking in the spaces reserved for EVs
- EV owners report other EV owners are exceeding the two-hour limit
- EV owners report other EV owners are using the charger overnight
- One person complained that CBJ should not provide free access to EV chargers¹

At this time, no CBJ department provides parking enforcement for the Basin Road parking lot. Adding this service would incur significant cost that cannot be absorbed by the existing operating budgets or the Downtown Parking Management Fund, which is funded by permit fees, hourly parking fees, and citations. The cost to add this lot to the existing downtown parking enforcement contract is \$76,000/year. The parking lot is approximately 16 spaces and the cost for maintenance and management is too high to recoup through permit fees.

Recommendations

Parks and Recreation and Engineering and Public Works Departments recommend that the hourly use of EV Chargers at Basin Road be consistent with other chargers around the community.

8am – 10pm: 2 hours maximum use for actively charging EV’s only
10pm-8am: No restrictions on use

To effectively enforce the allowed use, there are two possible options:

- 1) Management consistent with other downtown parking lots: Beginning in FY24, initiate a parking program for the lot where users will have to buy a permit. It is unlikely that the fees would support management and maintenance of the lot and an additional funding source would need to be identified.
- 2) Passive management: Maintain status quo for maintenance and management of the parking lot, which is very little. Let the users work out a system for sharing the chargers without CBJ oversight.

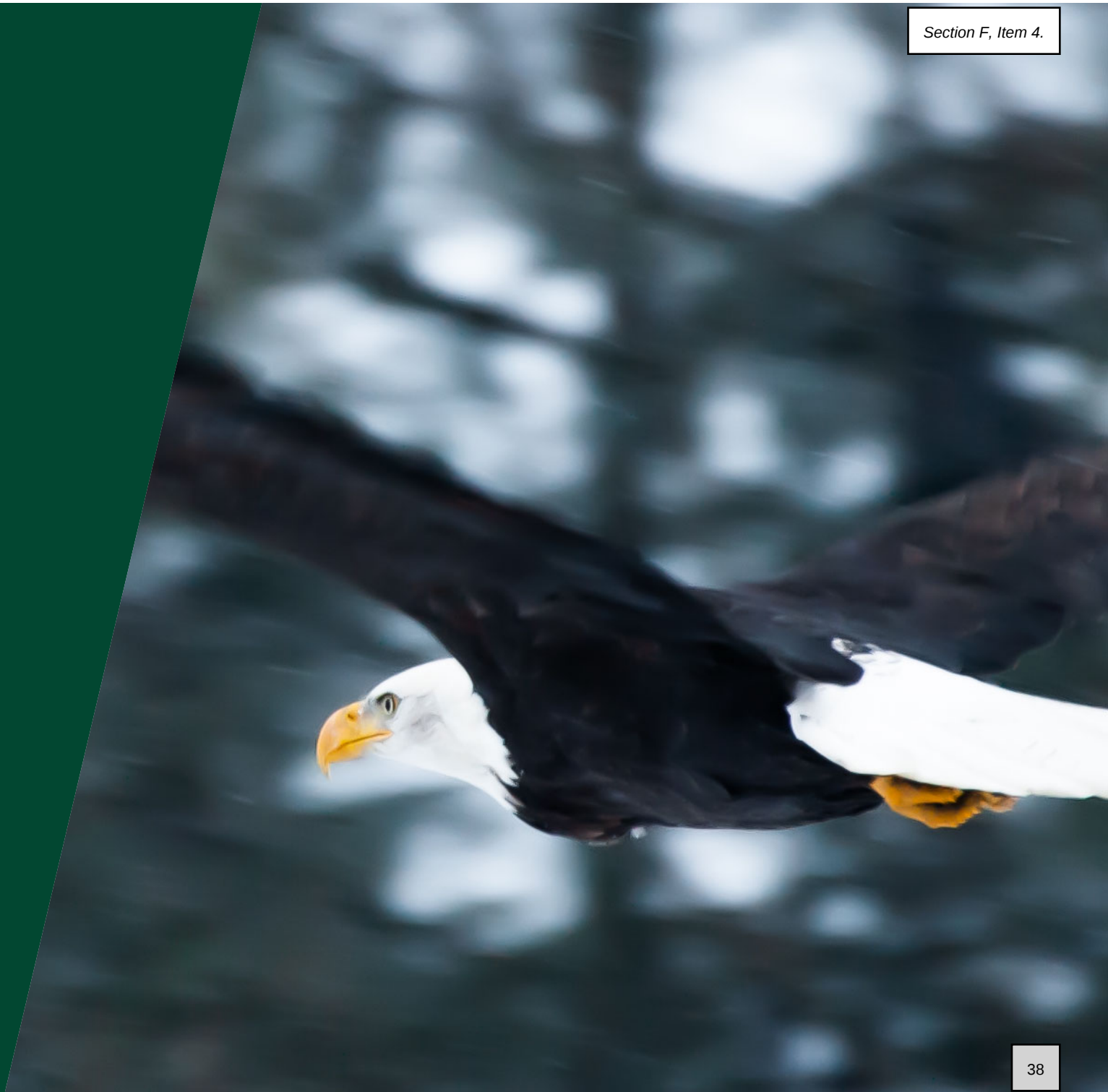
Staff recommends the passive management approach for EV parking space usage.

¹ Like all other CBJ-maintained EV chargers, there is no fee for use of the charger. The cost of electricity is approximately \$0.80 to \$1.30 per hour (depending on the time of day), and is being billed to P&R. Per CBJ 03.10.040, P&R maintains and operates municipal parking lots.



Capitol Landfill

September 2022 CBJ
Update



June 2022 Capitol LF Update Agenda

1. Odor Complaints.
2. Completed Projects.
3. Planned Projects.
4. Safety Updates
5. Questions

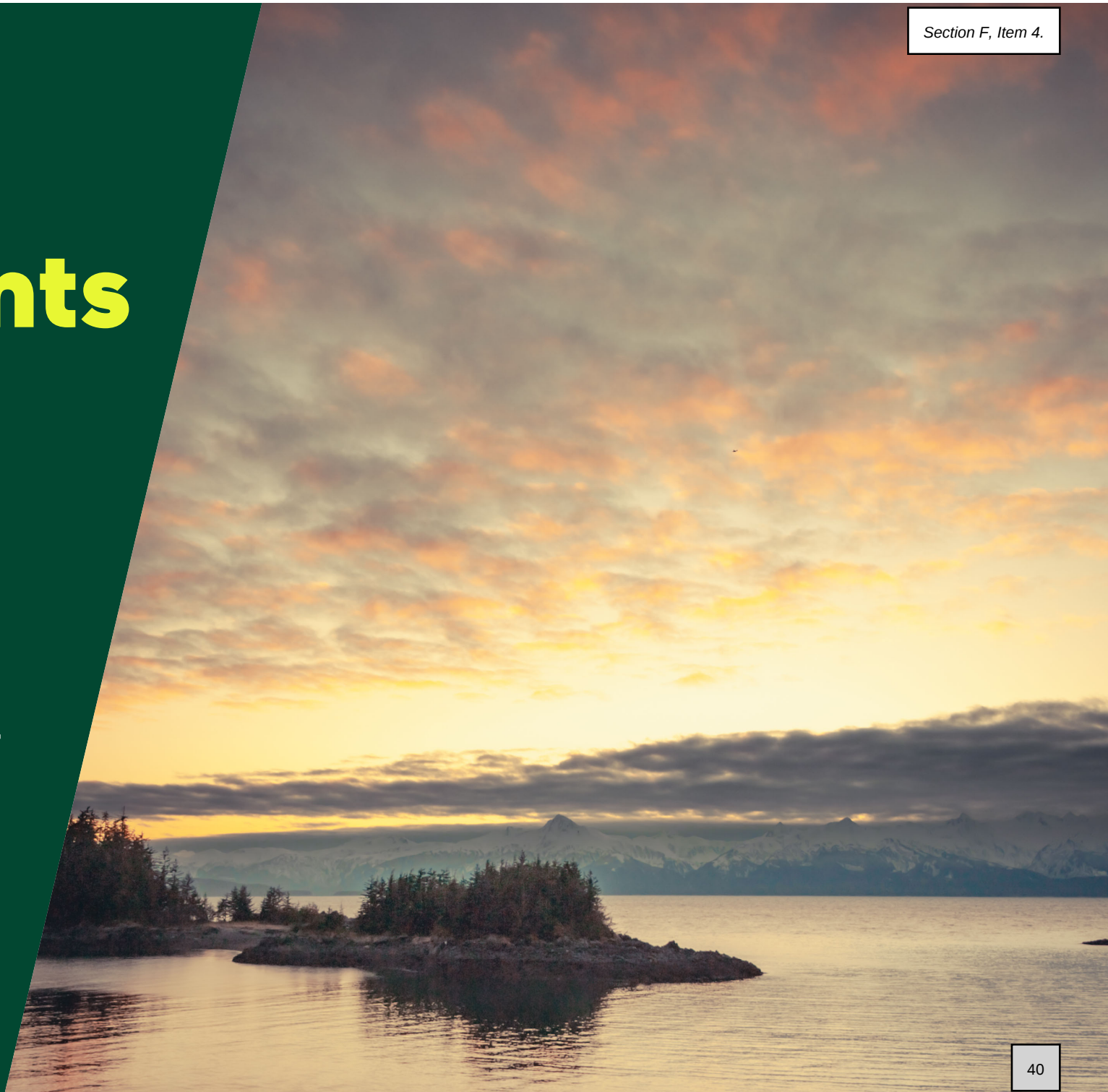


Odor Complaints

Total of 3 Complaints in
2022

Unchanged from March

- Please call 907-780-7801 to report odors immediately
- Odor complaints received days after complaint is lodged do not assist us in identifying the source





Completed Projects

- LFG system upgrade; Added 27 collectors, and gas header
- Improvements to LFG gas condensate system
- South side grading project wrapping up
- Traffic Flow striping, signage for Recycle, HHW, and scale area
- Increased USDA presence for bird control



Planned Projects

- Fencing Installation - completion planned October
- New Cell Development in progress



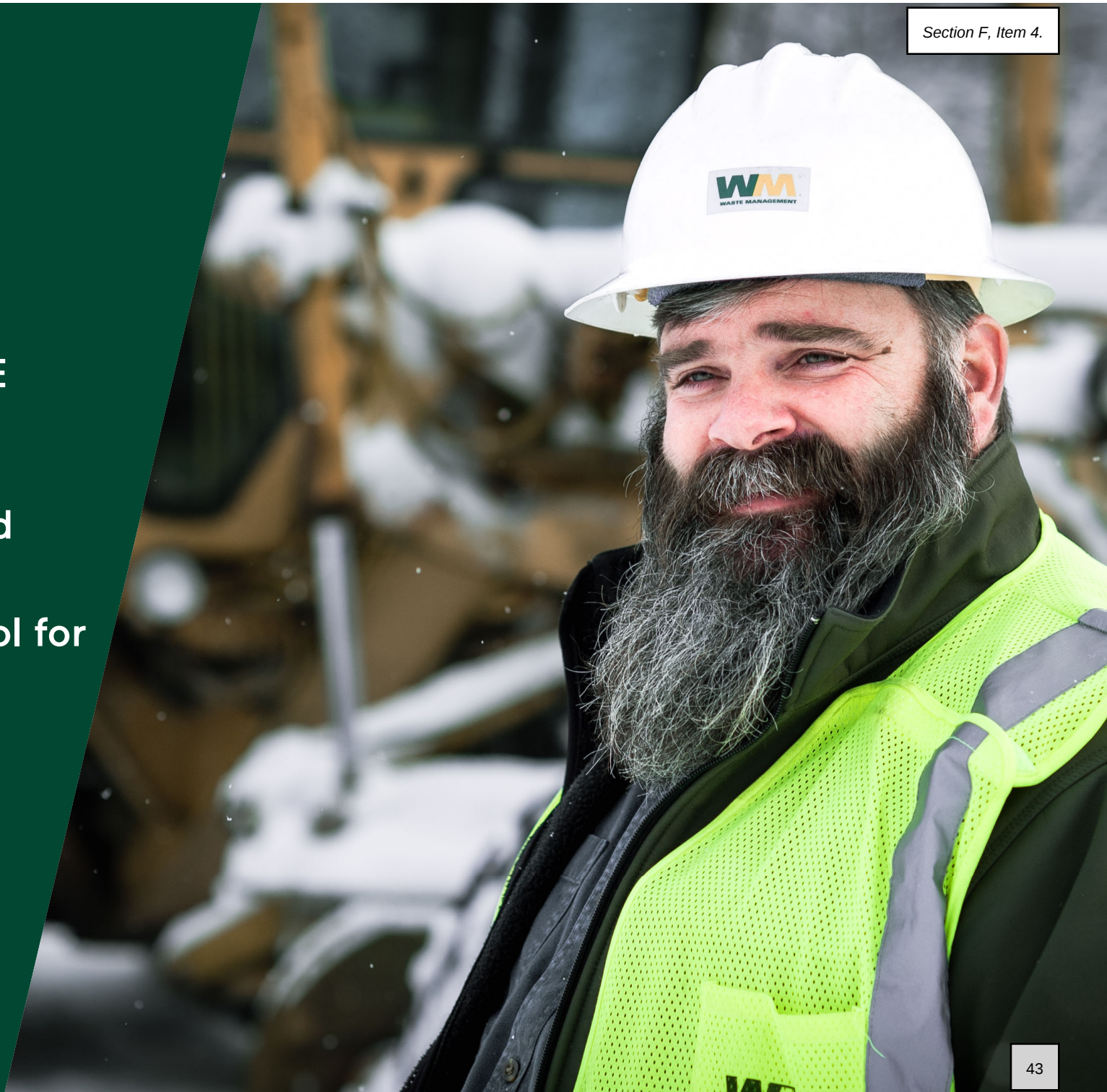
CONFIDENTIAL AND PROPRIETARY
INFORMATION OF WM





LF Safety

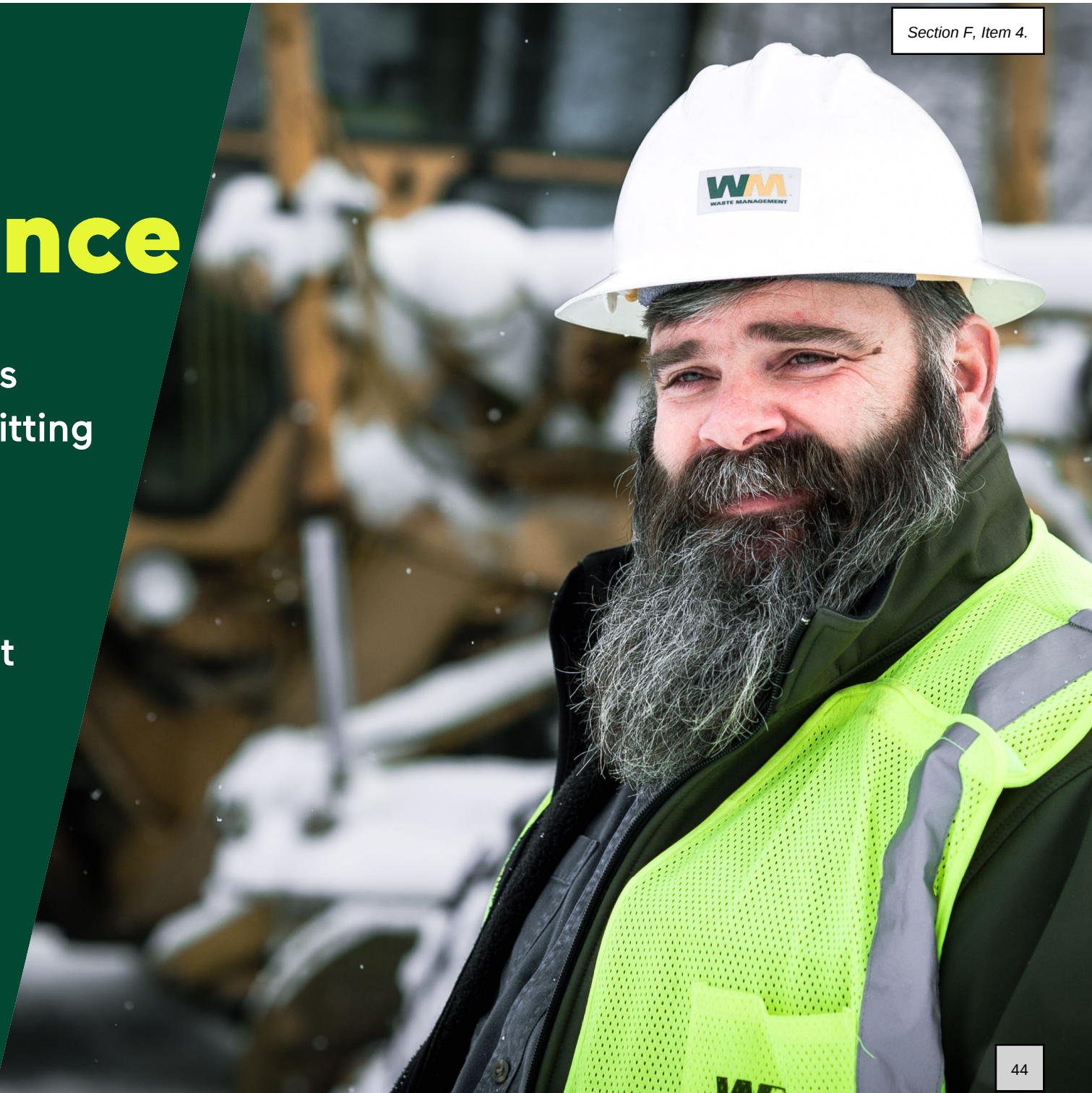
- Public Acceptance of the use of PPE high
- Continuing education of public on required safe spacing of vehicles and people
- Working with public on speed control for recycle and landfill facilities





Waste Acceptance

- Gypsum Wallboard/Demolition Debris
 - Asbestos Clearances – CBJ permitting process
- Mattresses
 - No commercial loads
 - Residents allowed 2 units per visit



Thank you.







MEMORANDUM

DATE: September 26, 2022
TO: Chair Bryson and Public Works and Facilities Committee
FROM: Katie Koester, Engineering and Public Works Director
SUBJECT: RecycleWorks Junk Vehicle Program – Guidance Sought on Future Direction

Junk and abandoned vehicles are a perpetual problem in Juneau. Through Assembly goal 5e, PWFC has been tasked with developing a strategy to reduce abandoned and junk vehicles. The committee has reviewed the topic multiple times which has led to vehicle rounds ups and expansion of eligible vehicles. The purpose of this memo is to get input on what direction the committee would like to see additional efforts on the topic.

The CBJ RecycleWorks Junk Vehicle program is a voluntary program available for free to residents of Juneau. However, this program does not address abandoned or lived in vehicles which have different legal requirements. Disposing of abandoned vehicles is typically a 6 month process where vehicles are often ‘impounded in place’ on public property (i.e. parking lots, roads, etc.) because there isn’t enough space in the CBJ impound lot. CBJ Law is doing an assessment to determine if changes in legislation could expedite the process of disposing of abandoned vehicles.

For the voluntary RecycleWorks Junk Vehicle Program, staff have consistently worked to expand the program to capture more vehicles. Most recently Recycleworks held a junk vehicle round up between April 30 and May 7. This was a special disposal event that included a towing component to the program for the first time. CBJ offered free towing to the recycle event on a first come first served basis for the first 50 residents who registered.¹ The sign up was full in one hour! The towing and disposal cost for CBJ was \$455 per vehicle for a total event cost of \$22,750. This is in contrast to a standard recycle event that costs CBJ approximately \$360 per vehicle.

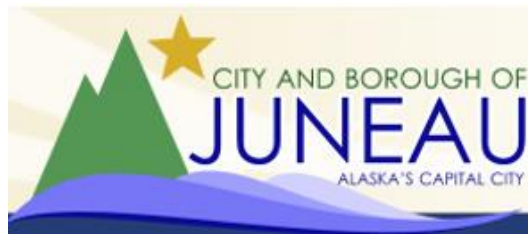
Here are some statistics for the overall Junk Vehicle program at a glance.

Overview of Junk Vehicle Program		
	Contractual Cost	Vehicles
FY18	\$ 96,004.10	392
FY19	\$ 213,394.74	607
FY20	\$ 264,336.03	731
FY21	\$ 298,213.57	820
FY22	\$ 317,376.58	855

¹ The vehicle must have been registered in Juneau and be free of garbage to qualify. Commercial vehicles, passenger vans, motor homes, or other large vehicles were not eligible for free towing.

Unfortunately, even as we've expanded our capacity to dispose of junk vehicles more junk vehicles seem to sprout up in their place. We see four potential paths (or some combination) forward and would like the Committee's input and guidance on the best way to move forward.

1. Status Quo – Continue to offer disposal of junk vehicles to Juneau residents who bring their vehicle in and provide proof of ownership (cost of \$360 per vehicle).
2. Increase the number of junk vehicle recycle events with some level of free towing offered.
3. Expanded Clean Up – There could be a long term cleanup effort to capture a much larger share of the junk vehicles in the community. Our staff and contractors are currently at capacity in terms of staffing, storage space, and budget. So any expanded effort would require more time and resources (i.e. more staff, dedicated towing truck, location to store junk and abandoned vehicles, etc.).
4. Institute Incentive Program – The cost of towing added approximately \$100 dollars to the per vehicle cost of the junk vehicle program this spring. Instead of paying for towing, we could pay a \$100 "bounty" to residents who turn in their vehicles (with proof of ownership) to the junk vehicle program. If we wanted to add income eligibility, the challenge would be determining income eligibility as CBJ has no existing program to piggyback on and creating a new program has privacy and administrative issues. Nevertheless, if this is a preferred alternative, staff could further research eligibility criteria, costs, and capacity for creating and implementing such a program.



Source Control – What is it? Why does it matter?

Brian McGuire

9/26/22





Mendenhall Plant Our Problem

- Per capita organic loadings are very high— ***over twice what is expected*** for normal domestic wastewater.
- High volume during storm events.
- As loads and volumes increase, so do:
 - COSTS
 - energy
 - materials (chemicals)
 - biosolids (shipping and disposal)
- *Source control reduces costs.*





Source Control

- Source Control is a program that works to limit *non-domestic waste* substances placed in the sewer.





Why are we working on Source Control?

- In March of 2021, CBJ was issued a **Compliance Order by Consent by ADEC.**
- From September 2015 to March 2019
 - DEC identified 55 effluent limit exceedances at the Mendenhall plant
 - DEC identified 31 effluent limit exceedances at the JD plant



The other “why”

Because it's the RIGHT THING TO DO!!!

- Source Control program's objectives are
 - To protect the sewer infrastructure from corrosive and other damaging materials
 - To protect treatment processes from conditions which may cause permit violations
 - To protect the environment from toxic substances that cannot be treated or removed.
 - To protect sewer workers and the public from discharges to the sewers.

If you put in TERRIBLE stuff – it has a TERRIBLE effect on everything it touches!

So remove the terrible stuff on the front end!



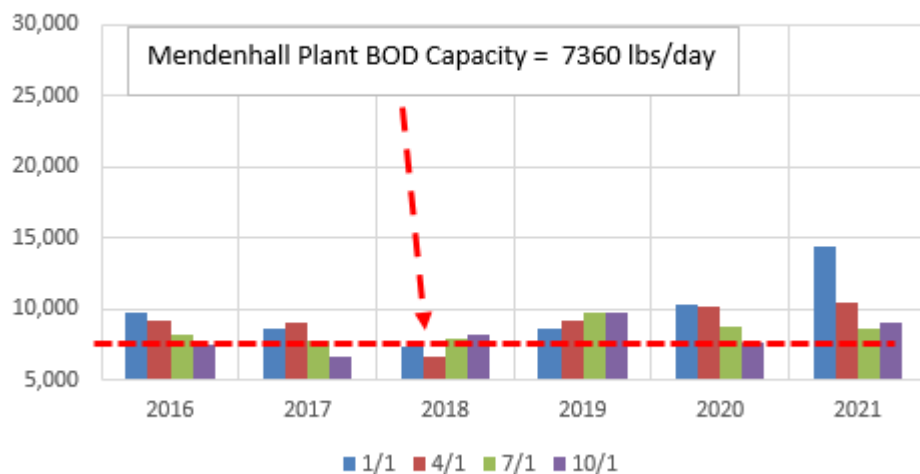
Data - MWWTP

- Mendenhall Issues and Root Causes
 - Way over design capacity and getting worse
 - Better find the source!

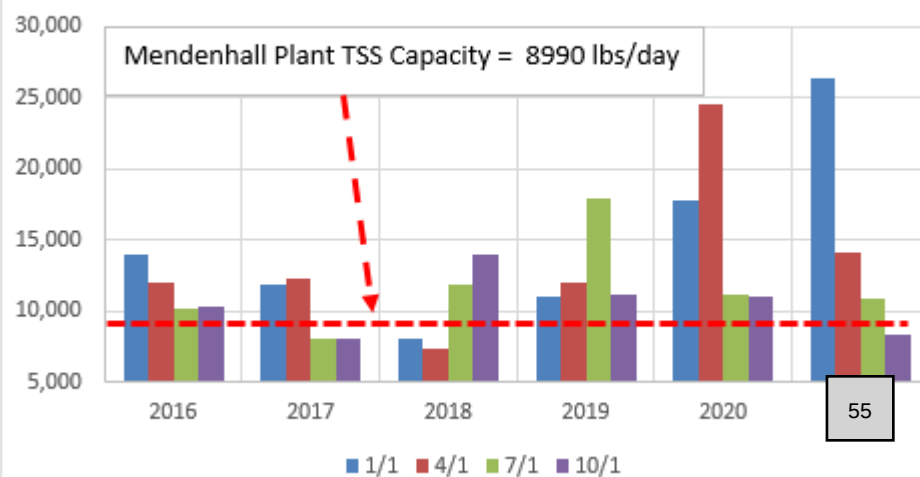
Quantity & Quality Problem



MWWTP lbs per day BOD



MWWTP lbs per day TSS





MWWTP Ind Users

- The Industrial Users Survey was completed in 2021
- Identified likely sources for Mendenhall issues.
 - Organic Loading (BOD and TSS)
 - Capitol Disposal Landfill
 - Alaskan Brewing Company
 - Bartlett Memorial Hospital
 - Major Food Service Facilities
 - Costco
 - Fred Meyer
 - Super Bear IGA
 - Safeway
 - FOG Loading
 - 138 food service facilities in the Collection area





FOG and FSEs

FSE = Food Service Establishment

FOG = Fats, Oils & Grease

- Utility Action Items:
 - Education on FOG impacts to Utility via outreach.
 - Communication of the following:
 - The CBJ has FOG requirements
 - FSEs need to have a Grease Removal Device (GRD)
 - CBJ Code 75.02.080 - Use of public sewers; regulations
 - FSE's must clean it regularly with pump outs
 - They must keep records of the cleanings
 - CBJ will enforce this if needed.
 - Help establish a Pumper Program
 - Start tracking FOG Cleaning as a line item in Work orders.
 - Establish a FOG Inspection Program



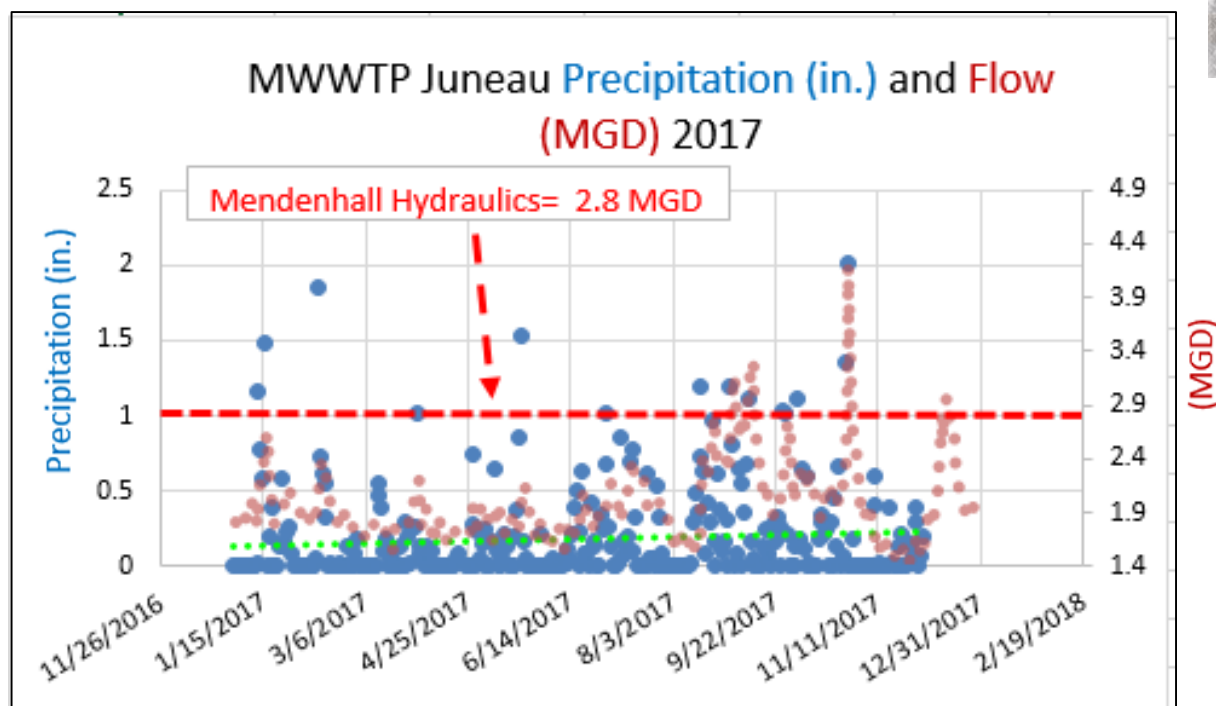
Data - MWWTP

- High Flow

Generally follows precipitation

Root Cause: Infiltration and Inflow (I&I)

Quantity Problem





Precip Infiltration

Inflow and Infiltration (I&I) abatement

- Potential Sources
 - Leaking Infrastructure
 - Storm Water piped to Sanitary sewer
 - Businesses
 - Homes
- To stop it, we have to find it. How?





Precip Infiltration

- The Plan

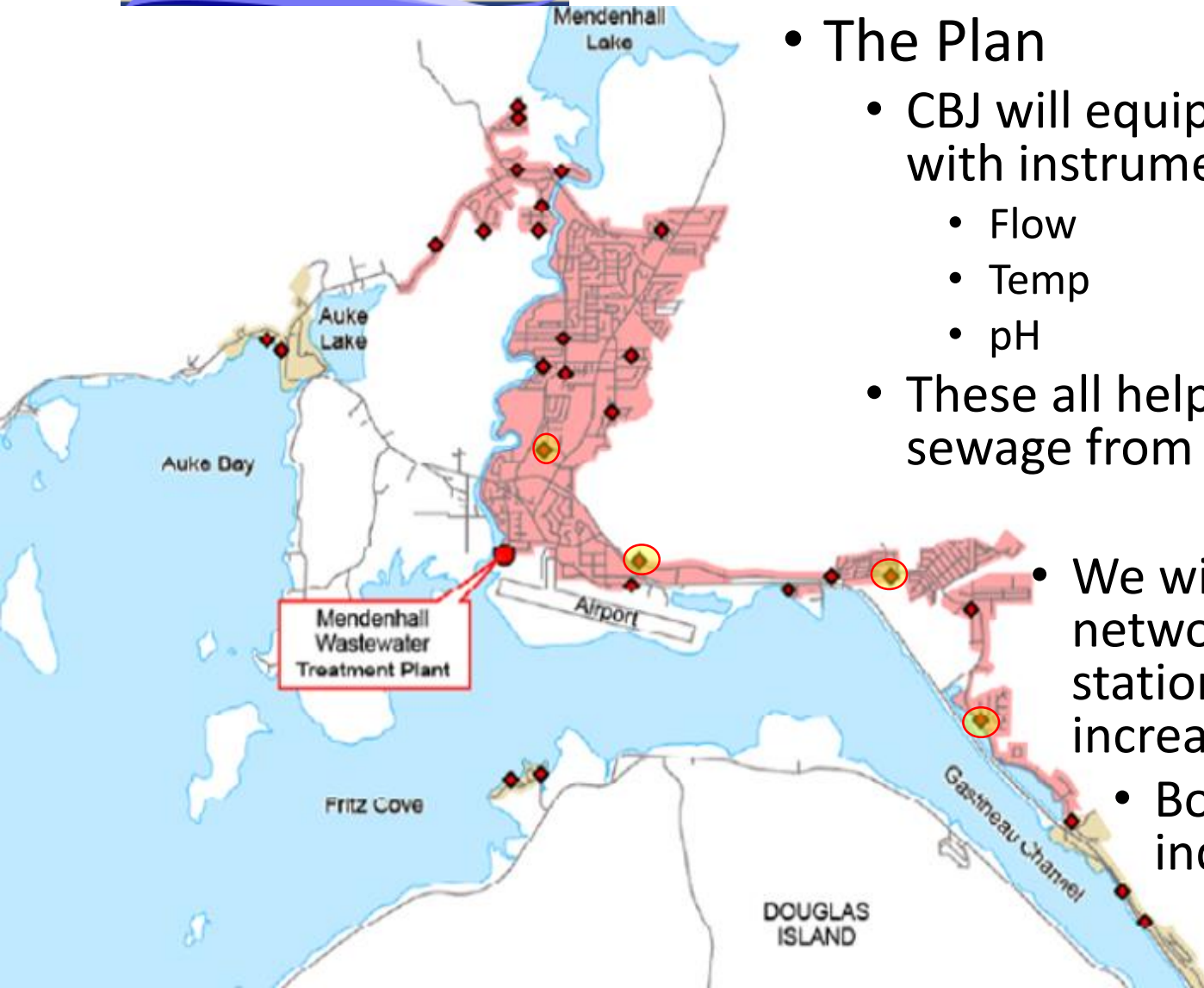
- CBJ will equip key liftstations with instruments: ○

- Flow
- Temp
- pH

- These all help distinguish sewage from stormwater.

- We will also engage a network of weather stations to match flow increases to rainfall.

- Both occurring indicate I&I.





We'll keep you updated!!

PWFC Action Items to Advance 2022 Assembly Goals 9.26.2022 Progress Report

Assembly Goal 3. Sustainable Budget and Organization – Assure that CBJ is able to deliver services in a cost efficient and effective manner that meets the needs of the community.

Implementing Action Item	PWFC Action	9.26.22 Progress Report
<u>3c. Long term strategic planning for CIPs</u>	Committee work to engage in Big Picture Capital Project Planning; build on Legislative Priority List process.	9.26.2022 Starting Legislative Priority List process
<u>3f. Maintain Assembly focus on deferred maintenance including BRH and JSD;</u>	Do committee work so that Assembly can increase funding for deferred maintenance.	8.08.22. Assembly increased commitment to deferred maintenance in 1% that will go before voters in October.

Assembly Goal 5. Sustainable Community – Juneau will maintain a resilient social, economic, and environmental habitat for existing population and future generations.

Implementing Action	PWFC Action	
<u>5a. Develop a zero waste or waste reduction plan</u>	Establish framework for stakeholder engagement; Define goals for composting and level of municipal involvement	9.26.22 1) Hired a new Environmental Project Specialist, Dianna Robinson, with extensive experience in zero waste. She'll start in about a month. 2) Congressionally Directed Spending Request for \$2.5M municipal composting facility included in Seante appropriations bill.
<u>5b. Develop strategy to measure, track and reduce CBJ energy consumption.</u>	Support and follow efforts of Facilities Maintenance to implement an Energy Management and Information System (EMIS)	5.02.22 Presentation from Building Maintenance
<u>5c. Implement projects and strategies that advance the goal of reliance on 80% renewable energy sources by 2045</u>	Do committee work on Green House Gas (GHG) Emissions data collection/ measuring initiative to ensure a useful metric the Assembly can support	8.08.22 Staff work underway with Dynamhex for community wide GHG emissions measurement tool.
	Define CBJ's role in providing EV charging infrastructure and electricity to the community. Support efforts to continue building the EV charging network to provide convenient and affordable EV charging for the public and to lay the groundwork for applying for grants.	9.26.22 1) Installed new EV chargers at 5 locations this summer. 2) Submitted comments on how Alaska Electric Vehicle Infrastructure Plan could be more responsive to Juneau's unique needs through AEA. AEA is focused on the railbelt, which is disappointing. Looking at a few other grant opportunities including supporting AEA in a competitive grant application. Also will look at opportunities through SE Conference. 3) Electric Buses - Expecting to receive grant to be able to purchase 7 new electric buses in next 1-2 months. Then takes 16-24 month for delivery of new electric buses. 4) Dock Electrification - Assembly passed \$2.6 to advance. CBJ is also awaiting a new port electrification grant to be released soon for application.
<u>5d. Develop climate change adaptation plan</u>	Review "Juneau's Changing Climate & Community Response"	8.08.22 Report released: https://acrc.alaska.edu/docs/juneau-climate-report
<u>5e. Develop strategy to reduce abandoned/junked vehicles.</u>	Do committee work to support the Assembly in increasing funding for junk vehicle disposal, including possible incentives.	9.26.22. Guidance requested on junk vehicle next steps (round up, targeted removal, incentives).

MEMORANDUM



TO: Katie Koester
Engineering & Public Works Director

FROM: Caleb Comas
Contract Administrator

Date: September 23, 2022

SUBJECT: Contracts Division Activity
August 5, 2022 to September 22, 2022

Current Bids – Construction Projects >\$50,000

BE22-127	JNU Rehabilitate Access Road	3 Bids received on 8/17/22, Award in progress to SECON for \$2,272,463.
BE22-204	Centennial Hall Ballroom Renovation	NTP issued to Carver Construction on 8/26/22 for \$6,420,399.
BE22-108	Glacier Fire Station M/E Upgrades & Juneau Fire Station Generator Replacement	4 bid received on 9/15/22, Award in progress to Dawson Construction for \$1,890,770.
BE22-306	AB Pool Mechanical and Electrical Upgrades	NTP issued to Dawson Construction on 8/26/22 for \$4,058,200.
BE23-092	W. Willoughby Sidewalk, Curb & Gutter Replacement	NTP issued to Island Contractors, Inc. on 09/22/22 for \$153,625.
BE23-042	BRH MRI & CT Replacement	2 Bids received on 08/17/22, Award in progress to Cornerstone General Contractors, Inc. for \$2,329,698.

Current RFPs – Alternative Procurement

RFP E22-278	Construction Manager at Risk (CMAR) for the MWWTP SCADA Upgrades	Awarded to Dawson Construction, LLC, contract negotiations in progress.
----------------	--	---

Current RFPs – Services

RFP E23-030	Lemon Creek Reservoir Evaluation	PND Engineers, Inc. was the sole proposer, contract negotiations in progress.
RFP E23-129	BRH Parking Garage Study	NorthWind Architects, LLC, was the sole proposer, contract negotiations in progress.
RFP E22-333	Design Engineering for Pulse Gondola at Eaglecrest Ski Area	NTP issued to NorthWind Architects, LLC, on 8/11/22 for \$75,000.
RFP E23-034	JPD Drug Enforcement Addition Design	NorthWind Architects, LLC, was the sole proposer, contract negotiations in progress.
RFP E23-152	Marine Park Planning and Schematic Design Services	Proposals due 10/27/22.
RFP E23-076	Design Services for Crow Hill Drive Resurfacing & Utility Rehabilitation	Two proposals received, awarded to DOWL, contract negotiations in progress.
RFP E22-330	Design Services for Teal Street Reconstruction	NTP issued to Homeshore Engineering, LLC on 8/30/22 for \$88,000.
RFP E23-136	Contract Administration and Inspection Services for Harris Street Reconstruction	Proposals due 10/05/22.

Other Projects – Professional Services – Contracts, Amendments & MRs >\$20,000

AM 1 to RFP E23-033	Design Services for Cedar Drive Improvements	NTP issued to RESPEC on 9/01/22 for \$49,067.
AM 1 to RFP E22-288	Contract Administration and Inspection Services for W. 3 rd & Dixon St. Reconstruction	NTP issued to proHNS, LLC on 9/01/22 for \$106,275.
AM 5 MR22-177	WW Process Engineer for Controls, Instrumentation and SCADA Upgrades at the MWWTP	NTP issued to GV Jones & Associates on 9/06/22 for \$216,000.
AM 2 MR22-121 PA 4	BRH Campus Surge Protection	NTP issued to PDC Engineers on 9/06/22 for \$118,338.
AM 2 to RFP E21-239	Contract Administration and Inspection Services for Douglas 4 th St. Utilities and Drainage	NTP issued to proHNS, LLC on 9/12/22 for \$56,150.
AM 1 to MRE20-139(AEE)	Design & CA for ZGYC Boiler Replacement and Controls Upgrade	NTP issued to Alaska Energy Engineering on 9/16/22 for \$35,638.
AM 1 to RFP E23-063	Lemon Creek Multimodal Path Analysis	NTP issued to Corvus Design on 9/19/22 for \$25,956.

Construction Change Orders (>\$20,000)

CO 2 to BE22-16	DZ Middle School Roofing Replacements	Bonding letter issued on 8/10/22, \$134,242.11.
CO 8 to BE21-149	BRH Behavioral Health Facility	Bonding letter issued on 8/30/22, \$161,184.99.
CO 5 to BE21-219	Crest St. Reconstruction	Bonding letter issued on 8/30/22, \$93,672.96.
CO 1 to BE21-117	Calhoun Avenue Reconstruction	Bonding letter issued on 8/30/22, \$29,215.75.
CO 2 to BE22-164	Riverbend Elementary School Roofing Replacement	Bonding letter issued on 8/30/22, \$89,125.65.
CO 1 to BE22-252	Riverbend Elementary Water Damage Repair	Bonding letter issued on 9/06/22, \$28,643.82.
CO 1 to BE22-188	Meadow Lane Improvements	Bonding letter issued on 9/14/22, \$25,086.07.

Term Contracts for General Construction Services (>\$20,000)

PA 6 to E22-05(ACC)	CBJ Park Bathroom Stall Doors and Partitions	NTP issued to AK Commercial Contractors, Inc on 9/19/22 for \$37,088.
PA 1 to E22-308(A)	MR22-332 North Douglas Water Leak Repair	NTP issued to Admiralty Construction, Inc. on 8/19/22 for \$50,000.

MR E20-139 – Term Contract for Professional Services. This solicitation is open for a three-year period. Consultants continue to submit proposals. Contracts are in progress and underway.

Key for Abbreviations and Acronyms

AM	Amendment to PA or Professional Services Contract
CA&I	Contract Administration & Inspection
CO	Change Order to construction contract or RFQ
MR	Modification Request – for exceptions to competitive procurement procedures
NTE	Not-to-exceed
NTP	Notice to Proceed
PA	Project Agreement - to either term contracts or utility agreements
RFP	Request for Proposals, solicitation for professional services
RFQ	Request for Quotes (for construction projects <\$50,000)
RSA	Reimbursable Services Agreement
SA	Supplemental Agreement