

**ASSEMBLY STANDING COMMITTEE
PUBLIC WORKS AND FACILITIES COMMITTEE
THE CITY AND BOROUGH OF JUNEAU, ALASKA**

February 22, 2021 12:00 PM

Regular Meeting - Zoom Webinar

To join the webinar: <https://juneau.zoom.us/j/95500518932> or call: 1-253-215-8782 Webinar ID: 955 0051
8932

I. CALL TO ORDER

II. APPROVAL OF MINUTES

- A. February 1, 2021 - Regular Virtual Meeting
- B. February 8, 2021 - Work Session - Virtual

III. PUBLIC PARTICIPATION on NON-AGENDA ITEMS

IV. ITEMS FOR ACTION

- A. Potential State Bond - 2021 Legislative Capital Priorities

V. INFORMATION ITEMS

- A. Jordan Creek Flooding
- B. Update on Information Items from February 1, 2021, Meeting
- C. JCOS Liaison
- D. PWFC Action Items to Advance 2021 Assembly Goals

VI. CONTRACTS DIVISION ACTIVITY REPORT

- A. January 29, 2021 to February 16, 2021

VII. ADJOURNMENT

- A. Next Meeting - March 15, 2021, Regular Virtual Meeting - 12:00 Noon

ADA accommodations available upon request: Please contact the Clerk's office 72 hours prior to any meeting so arrangements can be made to have a sign language interpreter present or an audiotape containing the Assembly's agenda made available. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org

**PUBLIC WORKS & FACILITIES COMMITTEE
MINUTES – REGULAR MEETING
Zoom Webinar
February 1, 2021**

I. CALL TO ORDER

The meeting was called to order at 12:00 PM.

Members Present: Ms. Hale, Ms. Triem, Ms. Woll, Ms. Hughs-Skandijs and Paul Voelckers, Planning Commission Liaison. Mayor Weldon and Assembly Members Loren Jones and Greg Smith were also in attendance.

Staff Members Present: Katie Koester, Janet Sanbei, Lori Sowa, Irene Gallion, Jill Maclean, Rorie Watt, John Bohan, Alexandra Pierce, Greg Smith, Jeff Rogers, Alan Steffert, Carl Uchytel, Erich Schaal, John nelson, Joshua Midgett, Keri Williamson, Dan Bleidorn, Jeanne Rynne, and Michael Eich.

II. APPROVAL OF MINUTES

A. January 11, 2021 – Regular Virtual Meeting

Ms. Hale submitted her changes prior to the meeting.

Minutes Approved.

III. PUBLIC PARTICIPATION & NON-AGENDA ITEMS

None.

IV. ITEMS FOR ACTION

A. 2021 Legislative Priority List

Ms. Koester gave a brief summary as to the purpose of the list.

Discussion ensued.

Ms. Hughs-Skandijs moved to hold in Committee for further review and discussion; and forward to the Planning Commission with direction to suggest projects from neighborhood plans.

No objection, motion passed.

B. CIP transfers and Closeouts

Ms. Koester stated there are several projects which have completed or are not being constructed for various reasons. The funds from these projects are before the Committee to request these funds being transferred to the projects listed in the memo from Mr. Bohan.

Ms. Woll moved to forward to the full assembly for approval the transfers and closeouts contained in the memo and asked for unanimous consent.

No objections. Motion passed.

C. Recommendations for the 1% Sales Tax in the FY21 CIP

Ms. Koester gave brief update on the plan of addressing and responding to anticipated Sales Tax and Hotel-Motel Tax shortfalls due to the pandemic. She stated the voters approved a \$7 Million bond for work on Centennial Hall. There is also a voter approved \$4.5 Million use of Hotel-Motel Tax for additional work on Centennial Hall. The plan is to move the \$4.5 Million to the Bond and remove the \$7 Million Bond off the CIP for the time being.

Discussion ensued regarding the funds for Centennial Hall.

The Augustus Brown Renovation was put on hold in the spring of 2020 until the FY21 fiscal year. The Augustus Brown Renovations are included in the FY22 CIP document going to the Assembly during the budget process this year.

Ms. Triem moved the Committee forward the Manager's recommendation on the 1% CIP to the Finance Committee and asked for unanimous consent.

D. Calhoun Avenue Reconstruction

Ms. Koester gave the Committee background on the Planning Commission decision to ask the Assembly to deny the project. They also requested a traffic study be conducted for this corridor. They did not address the waiver of ASHTO standards for a narrower lane. There has been a lot of public comment on this project. There have been several public meetings available for design comment on this project. Traffic calming measures have been taken, including narrowing lanes, raising sidewalks, and adding curb and gutter.

Mr. Watt gave an explanation of his memo included in the packet, stating he is not in the habit of encouraging the Assembly to reject the Planning Commission's recommendation. He stated doing a traffic study or something different than what has been planned for the reconstruction at this time is costly and takes time. He feels a One Way road would not last. He feels if it were put in, later on it would be removed again. His advice for the best course of action is to take the One Way idea off the table, send it back to the Planning Commission, and then the question becomes..."What is the best we can do within the footprint of this road, given we have a lot of limitations?".

Public Comment

Ms. Frances Leach, 925 Calhoun Ave. She is right at the start of this project at the corner of Goldbelt and Calhoun, just up from Cope Park. She also works at 410 Calhoun Ave. She and her children walk this corridor to work and the bus stop regularly. She stated in 2018 she wrote City Manager Watt an email expressing her concerns for the safety of pedestrians after seeing a man nearly struck by a vehicle. She also stated she and her children have had some very close calls while walking on the sidewalk as vehicles drive by very closely. The side view mirrors of vehicles hang over the sidewalk, which means pedestrians need to be alert of traffic on the street. She put in the email she is very concerned for the safety of her family and others. Mr. Watt reassured her stating the good news is the road and sidewalk

are already in the planning stages for being upgraded. She feels his recommendation to reject the Planning Commission's decision to do a traffic study is a blatant disrespect of the concerns from citizens of the neighborhood. She doesn't feel 40 inches is big enough for a sidewalk. She stated if passing another pedestrian one would need to step in the street to get by. She asked staff to take a walk down Calhoun Ave. to see the concerns the neighborhood is expressing.

Ms. Emily Ferry, 836 Calhoun Ave. She agrees the improvements to the road and utilities are important, but pedestrian and bicycle safety is also very important. She would really like to engage with the City in what the One Way would really look like and the issues that may preclude it from happening. She said this hasn't happened yet. She would like to see from this project a way for children to bike to school safely. Currently, and the way the project is designed at this time, that can't happen. She would also like pedestrians to be able to walk on the sidewalk without police officers stopping to tell them it isn't safe to walk on the sidewalk. This design doesn't allow for safe walking within the corridor. She would like the City to "Walk the Talk" about making the community a pedestrian friendly community. There are so many plans that speak to that. She would love to see the City take the opportunity to make this happen in this very important corridor. It is a very important corridor because it is 1 of only 3 corridors in and out of downtown Juneau. (At this time Ms. Ferry's phone stopped transmitting her comments. Ms. Hale stated her time was up and asked her to send in a letter.)

Peter Metcalf, 354 Distin Ave. He stated they access Calhoun both on foot and by vehicle. They access Calhoun on W. 8th St. This is a very dangerous intersection. It has blind corners from both directions. People frequently speed around those blind corners. He concurred with others, saying there have been several accidents because of the dangers in this corridor. He said he doesn't feel Staff has been receptive of the comments made. He feels they have been dismissed and not recognized as important. He would like to see Staff take the comments seriously and comment accordingly. The neighborhood is disgruntled. He would like the City to go forward with the Planning Commission recommendation and complete a study. He doesn't feel it needs to be extravagant, but something that will give information. He just asks that Staff listen to the neighborhood.

Mr. Mark Choate, 230 W. 8th St. He stated he has 2 issues to address. The first, is safety. His stone wall has been hit 3 times since he purchased the property. The most recent did an extensive amount of damage and sideswiped a pedestrian. He said the City has a liability for dangerous conditions and this location is dangerous. He feels the City has done nothing to resolve the danger. The second issue is he feels the process has been more than dismal. The City has been providing lip service with comments such as "We have this under control, don't worry about it.", but there has been a lot of push back from Staff. There has been no opportunity to participate in any meaningful manner. He feels he knows the area quite well, as he has lived in this location for more than 30 years. He paid to install a fire hydrant on his property. He feels he knows the water system and he has had no problems with the water at his location. He has spent 6 years as a School Board Member and understands the process of public participation. He asks that the City not move forward and let the neighborhood respond. It is an active group and they will respond quickly. He feels the Engineering Department and the project is at a D- in terms of its responsiveness to the community.

Ms. Marilyn Holmes, corner of Goldbelt and Calhoun. This has to be one of the most hazardous intersections in the City. The process of walking down the portion of Calhoun to be reconstructed is absolutely harrowing. She would not even think about riding a bike on this stretch of road...she likes to ride. She agrees with other comments as this is a dangerous corridor. She agrees it needs to be redesigned, but not just for people and bikes, but also for any utility or other type of emergency vehicle. In 2004 a section of Calhoun that intersects with Goldbelt was under construction. The neighbors all got together and they paid for AEL&P to put the conduit underground for the utilities. She says it is possible to put the lines within conduit and underground. She would like to see the City add conduit installed for putting the utility lines underground. So eventually the power lines could be taken down.

Mary Alice McKeen, 212 W. 9th Street. She has lived here for 39 years. She doesn't feel the City has made any effort to consider the neighborhood's concerns for this street. She stated when the project began the neighborhood started emailing with each other discussing suggestions. One individual wrote back saying..."These are interesting ideas. Good luck getting the City to take any of these suggestions. From my limited experience, they are pretty unreceptive to community suggestions." She feels there has been lip service paid, but there has not been any meaningful response to community concerns or suggestions. She scope the Engineering Department responded saying they didn't have the scope to widen the road. She feels making the street 2-way and 3 foot sidewalks is not being safety conscious. She really feels the 1-way should be seriously considered. This is the only way to have reasonably wide sidewalks, a bike lane and traffic on this street. She feels the City has threatened the neighborhood by saying a traffic study would be too expensive. She thinks this is disingenuous for the City to say. She would like all of these studied. She feels the allegation of the fire department not being able to get a fire truck up 9th Street is false. She would like all of these items studied.

Discussion ensued.

This topic will be taken up again as the 1st item on the February 8, 2021, Work Session.

V. INFORMATION ITEMS – Due to a lack of time, Information Items were not heard at this meeting.

- A. ADEC Compliance Order by Consent
- B. Electric Bus Roll Out
- C. Capital Improvement Plan

VI. CONTRACTS DIVISION ACTIVITY REPORT

- A. January 8, 2021 to January 26, 2021

VII. ADJOURNMENT

The meeting adjourned at 1:11 PM.

- A. Next meeting will be a Work Session, February 8, 2021, 12:00 PM.

Members of the Public Present:

Frances Leach
Emily Ferry
Duff Mitchell
Frankie Pillifant
Garret Gladsjo
Keith Gerken
Kirby Day
Kollin Monahan
Laurie Berg
Laurie Craig
Lucas Chambers
Marilyn Holmes
Mark Choate
Peter Metcalfe
Mary Alice McKeen (Sean)

Members of the Press Present:

Jeremy Hsieh, KTOO
Pete Carran

**PUBLIC WORKS & FACILITIES COMMITTEE
WORK SESSION – ZOOM MEETING
February 8, 2021
12:00 Noon**

I. CALL TO ORDER

The Meeting was called to at 12:00 Noon.

Committee Members Present: Chair Michelle Hale, Carole Triem, Christine Woll, Alicia Hughes-Skandjis, Paul Voelckers-Planning Commission Liaison. Assembly Member Loren Jones was also in attendance.

Staff Present: Rorie Watt, Katie Koester, John Bohan, Irene Gallion, Jeanne Rynne, Jeff Rogers, John Nelson, Lori Sowa, Nathan Coffee, Janet Sanbei, Jill Maclean, and Dan Bleidorn.

II. ITEMS FOR ACTION

A. Calhoun Avenue Reconstruction

Ms. Hughes-Skandjis motioned to forward Recommendations B-The Assembly remove the concept of turning Calhoun Avenue into a one-way street from further consideration or study & C-The reconstruction proposal go back to the Planning Commission for review, to the full Assembly and asked for unanimous consent.

No objections, motion passed.

WORK SESSION – Minutes are not taken during work sessions.

B. PWFC Assembly Goals and Work Plan

Discussion ensued.

III. ADJOURNMENT

Meeting adjourned at 1:23 pm. Next regular meeting to be held on February 22, 2021.



MEMORANDUM

DATE: February 19, 2021

TO: Chair Hale and CBJ Public Works and Facilities Committee

FROM: Katie Koester, Engineering & Public Works Director

SUBJECT: Potential State Bond - 2021 Legislative Priority List

Attached you will find the list of 2021 Legislative Priorities that was presented at your February 1st meeting. Since then, the Governor has introduced a State bond package that is noticeably lean on Southeast infrastructure. As it looks like the vehicle for any State Capital Dollars is likely to be a General Obligation Bond, we will expand the title of this list to "Potential State Bond – 2021 Legislative Capital Priorities." At your last meeting, you forwarded the list to the Planning Commission with the direction to suggest projects from neighborhood area plans. Unfortunately they meet the day after PWFC which means the list will have to be forwarded to the Assembly before PWFC has a chance to review their recommendations. Attached you will find a draft with additional project detail, as required by the Legislature to enter the projects into their system for consideration.

Public Process:

February 1, 2021: PWFC first review.

January 28, 2021: Dock and Harbors selected Aurora Harbor Phase III and North Douglas Launch Ramp expansion be added to the list.

February 22, 2021: PWFC second review

February 23, 2021: Planning Commission Review and suggested additions from area plans

March 1, 2021: Assembly review and approval

Recommendation:

Discuss projects, amend as desired, and forward to the Assembly for consideration at the March 1 meeting.

DRAFT 2021 Legislative Priority List

<u>Project Name:</u>	<u>Purpose:</u>	<u>Amount:</u>	<u>Goal:</u>
Lemon Creek Bike Path	Design, Permitting, Property	\$250K	Advance Long Goal of a New Non-Motorized Route
Waterfront JDCM	Partial Funding	\$1M	Reduce CBJ Operating Cost, Expand Capital Campus
N SOB Parking	Partial Funding	\$5M	State/legislative Parking, Auke District infill Development
Telephone Hill	Site work	\$2M	Prepare for Redevelopment
New City Hall	Partial Funding	\$5M	Reduce CBJ Operating Cost, Free up/create housing
Centennial Hall Expansion	Partial Funding	\$5M	Support convention and visitor economy
West Douglas Extension	Future Development	\$3M	Long Term Development Support
Auke Bay Seawalk	Design, Permitting, Property	\$250K	Improve Non-Motorized Route
Car Crusher	Purchase, Installation	\$750K	Improve Junk Vehicle Management & Recycling
Aurora Harbor Phase III	Design, Permitting	\$250K	Replace critical infrastructure and support maritime economy
N. Douglas Launch Ramp Expansion	Permitting	\$250K	Improve safety and expand boating access & transportation

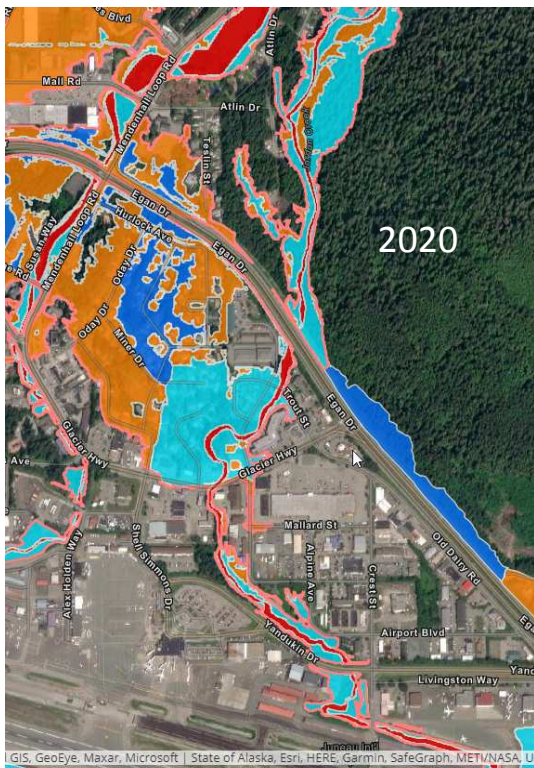
DRAFT 2021 Legislative Priority List														
Project Name:	Purpose:	Project Type	Total Cost	Funding Already Secured	FY22 Amount requested	Deficit	If Funded.. request funding again?	Detailed Description	has project been through local public process	Timeline	Who - Maint & Operation costs?	Contact Information		Goal:
Lemon Creek Bike Path	Design, Permitting, Property	Planning & Research	\$8M	\$0	\$250K	\$7.75M		The requested funding would accomplish the first steps to the Lemon Creek Bike Path. These include planning, research and proerty identification to provide a new primary bike route as an alternative to Glacier Highway. Potential route to extend from Glacier Highway at Vanderbilt Hill, across wetlands, then extend parallel to Egan to reach the Lemon Creek area.	Project has been identified as a medium range priority by the Community Development 2017 Lemon Creek Plan	Hire consultant within 6 month's of available funding - 30% review (and expenditure) of alternatives within 9 months of selection, public outreach process and 65% review(and expenditure), within 15 months of selection, 95% review (and expenditure) within 20 months of selection, final report - 24 months from consultant selection	TBD	Rorie Watt - CBJ Manager		Advance Long Goal of a New Non-Motorized Route
Waterfront JDCM	Partial Funding	New Construction & Land Acquisition	\$12M		\$1M	\$11M	Yes	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 tourist destination (especially on those rainy days).	No.	Begin design within 3 months of available funding. 35% review(and 3% expenditure) 4 months from start; 65% review (and 5% expenditure)9 months from start; construction begins 14 months from start (25% expenditure) construction completed 28 months from start (100% expenditure)	CBJ	Rorie Watt - CBJ Manager		Expand Capital Campus
N SOB Parking	Partial Funding	Remodel, Reconstruction & Upgrades			\$5M									State/legislative Parking, Auke District Infill Development
Telephone Hill	Site work	New Construction & Land Acquisition			\$2M			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.	Assembly provided direction to acquire the property from the State.	Site acquisition application is ongoing.		Rorie Watt - CBJ Manager		Prepare for Redevelopment
New City Hall	Partial Funding	New Construction & Land Acquisition	\$28.6M		\$5M	\$23.6M	Yes	This project will construct a new 46,100 GSF City Hall in Juneau Alaska. The new building is desired to consolidate city employees into a single facility, eliminate the use of rental office space for over two-thirds of CBJ employees, and eliminate the use of the current aging, undersized city hall facility. The elimination of leased space to house CBJ staff will reduce CBJ operating expense and free up rental space for conversion to much needed downtown housing. The project will construct the new City Hall on CBJ property in the downtown area. The existing 16,312 GSF City Hall building that was constructed in 1951 will be surplus upon completion of the new facility.	A public conceptual design and economic feasibility analysis of the new structure was performed in 2018, but the project has not been submitted to voters at this time due to funding uncertainty. The concept design and economic feasibility has been presented to various local organizations, such as Rotary and Chamber of Commerce, as has generally been well received.	Project Timeline & expected expenditures* to Occur: Initial Funding: July 1, 2021; Consultant Selection: August 15, 2021; Complete 35% Design: November 29, 2021, \$500,000; Complete 65% Design: February 21, 2022, \$700,000; Complete 100% Design: May 30, 2022, \$900,000; Construction Award: July 25, 2022; Construction Completion; July 29, 2024. Roughly equivalent distributions of balance of project expenses(\$1,060,000) will be made on a monthly basis from construction award to completion. *Expenditures are total project expenditures (grant + local share).	CBJ	Rorie Watt - CBJ Manager		Reduce CBJ Operating Cost, Free up/create housing
Centennial Hall Expansion	Partial Funding	New Construction & Land Acquisition	\$58M	\$13M	\$5M	\$40M	Yes	This project will construct a new and renovated 95,100 GSF convention and performance center in Juneau Alaska. The expanded Centennial Hall facility will merge a new performing arts center with an expanded convention center to support convention and visitor economy.	Somewhat. Conceptual studies of a Centennial Hall expansion were performed in June of 2019 with several public meetings. The New JACC design also received a good deal of public input throughout the development of the design. The concept of merging the two facilities into a large, single, facility is in its infancy and has not been forward to the public yet for their input. However, community groups invested in both projects have agreed that this is the most feasible design solution.	Project Timeline & expected expenditures* to Occur: Initial Funding: July 1, 2021; Consultant Selection: September 27, 2021; Complete 35% Design: January 17, 2022 \$900,000; Complete 65% Design: May 16, 2022 \$1,200,000; Complete 100% Design: October 10, 2022 \$1,600,000; Construction Award: November 14, 2022; Construction Completion: June 16, 2025; Roughly equivalent distributions of balance of project expenses (\$1,800,000) will be made on a monthly basis from Construction Award to Completion. *Expenditures are total project expenditures (grant + local share).	CBJ	Rorie Watt - CBJ Manager		Support convention and visitor economy
West Douglas Extension	Future Development	New Construction & Land Acquisition	\$3M	\$0	\$3M			This project will continue construction of the gravel surface pioneering 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 also enable closer access to previously identified New Growth development areas, identified in the CBJ Comprehensive Plan. Closer road access will aid the land owners in their on-the-ground investigations required for formulating future development plans	W Douglas Roadway corridor alignment has been approved by Assembly and Planning Commission. Has been identified as priority 'New Growth Area' by CBJ Comprehensive Plan and West Douglas Conceptual Plan	Begin design within 3 months of available funding. 35% review(and 3% expenditure) 4 months from start 65% review and permitting(and 5% expenditure)9 months from start; construction begins 14 months from start (25% expenditure) construction completed 24 months from start (100% expenditure)	CBJ			Long Term Development Support
Auke Bay Baywalk	Design, Permitting, Property	Planning & Research	\$5M	\$0	\$250K			The requested funding would accomplish the initial steps to building a Baywalk in Auke Bay. These include planning, research and proerty identification to provide a Baywalk in Auke Bay and examine the potential of providing a nonmotorized link from the Auke Bay Ferry Terminal to the Auke Bay Harbor or the center of the Auke Bay Planning Area.	these items were identified by the Community Developments creation of the 2015 Auke Bay Area Plan and adopted by the Planning Commission and Assembly.	Begin consultant study within 6 month's of available funding - 30% review (and expenditure) of alternatives within 9 months of selection, public outreach process and 65% review(and expenditure), within 15 months of selection, 95% review (and expenditure) within 20 months of selection, final report - 24 months from consultant selection	CBJ	Erich Schaal, Port Engineer		Improve Non-Motorized Route
Car Crusher	Purchase, Installation	Equipment and Materials		\$0	\$750K									Improve Junk Vehicle Management & Recycling
Aurora Harbor Phase III	Design, Permitting	Remodel, Reconstruction & Upgrades	\$8M	\$2M	\$250K			Request for funding to continue the reconstruction of the Aurora Harbor Facility. Past work has been divided into segments with adequate funding amounts. This request would continue preliminary design and begin permitting tasks.	The project has been through a long term planning process with community outreach. It's the 3rd phase of the larger reconstruction	Begin consultant study within 6 month's of available funding - 30% review (and expenditure) of alternatives within 9 months of selection, public outreach process and 65% review(and expenditure), within 15 months of selection, 95% review (and expenditure) within 20 months of selection, final report - 24 months from consultant selection	CBJ	Erich Schaal, Port Engineer		Replace critical infrastructure and support maritime economy
N. Douglas Launch Ramp Expansion	Permitting	Planning & Research	\$20M	\$0	\$250K			Requested funding would accomplish the first steps to expanding the North Douglas Launch Ramp Facility. These include planning, research and permitting initiate the beginning of the project.	Minimal public process so far, it's been discussed at several harbor board meetings. No public outreach has progressed past that.	Begin consultant study within 6 month's of available funding - 30% review (and expenditure) of alternatives within 9 months of selection, public outreach process and 65% review(and expenditure), within 15 months of selection, 95% review (and expenditure) within 20 months of selection, final report - 24 months from consultant selection	CBJ	Erich Schaal, Port Engineer		Improve safety and expand boating access & transportation

Flooding in Jordan Creek Watershed

2.22.21 Presentation to PWFC



Flood Maps

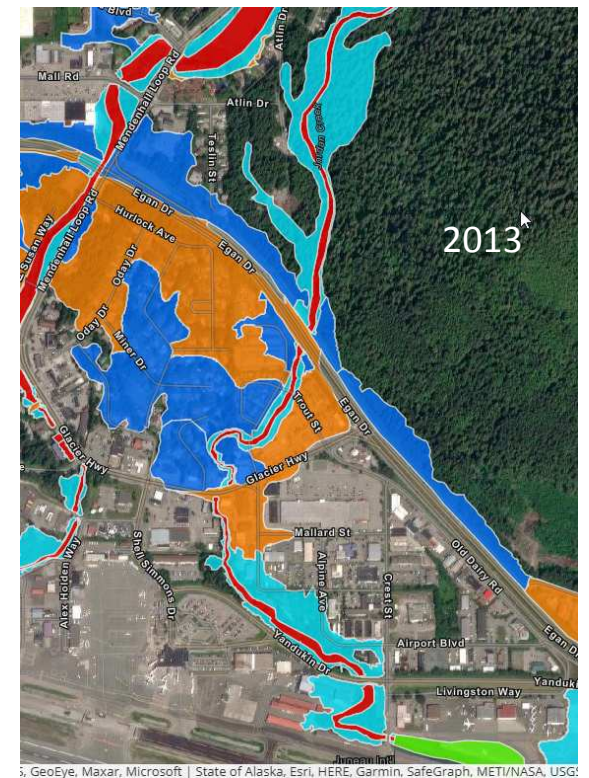


Zone X (orange): An area of moderate flood hazard that is determined to be outside the Special Flood Hazard Area between the limits of the base flood and the 0.2 percent annual chance (or 500-year) flood.

Zone AE (light blue and red floodway): Areas subject to inundation by the 1 percent annual chance flood event (100 year flood)

Zone AH (dark blue): Areas subject to inundation by 1 percent annual chance shallow flooding (usually areas of ponding)

FEMA Flood Regulations first adopted by CBJ in (1987)

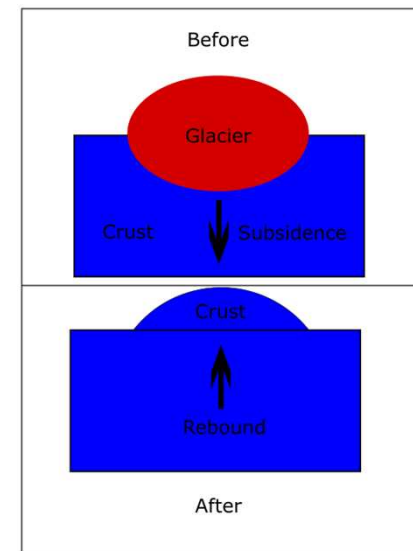


Historical Development

- Stream setback code was adopted in 1987
- No previous stream protection land use regulations
- Much of built environment and infrastructure around Jordan Creek was constructed before land use provisions for flooding and stream protection

GLACIAL REBOUND

- Mendenhall Valley experiencing rebound
- Agencies past analyses of Jordan Creek Habitat discuss impacts
 - USGS – 2004 - *Baseline Characteristics of Jordan Creek, Juneau, Alaska – USGS Open-File Report 2004-1220*,
 - NRCS -2006 - *Jordan Creek Watershed Recovery and Management Plan*
 - *USGS - 2006 - Hydrology and Flood Profiles of Duck Creek and Jordan Creek Downstream from Egan Drive, Juneau, Alaska Scientific Investigations Report 2006-5323*
- Likely minimal impacts to flooding but would require more study
- Lesser ability for Jordan Creek to incise(down cut) due to “gentle gradients, low velocities and locally dense in-stream vegetation” may be causing some flow capacity reduction
- Mendenhall River incising

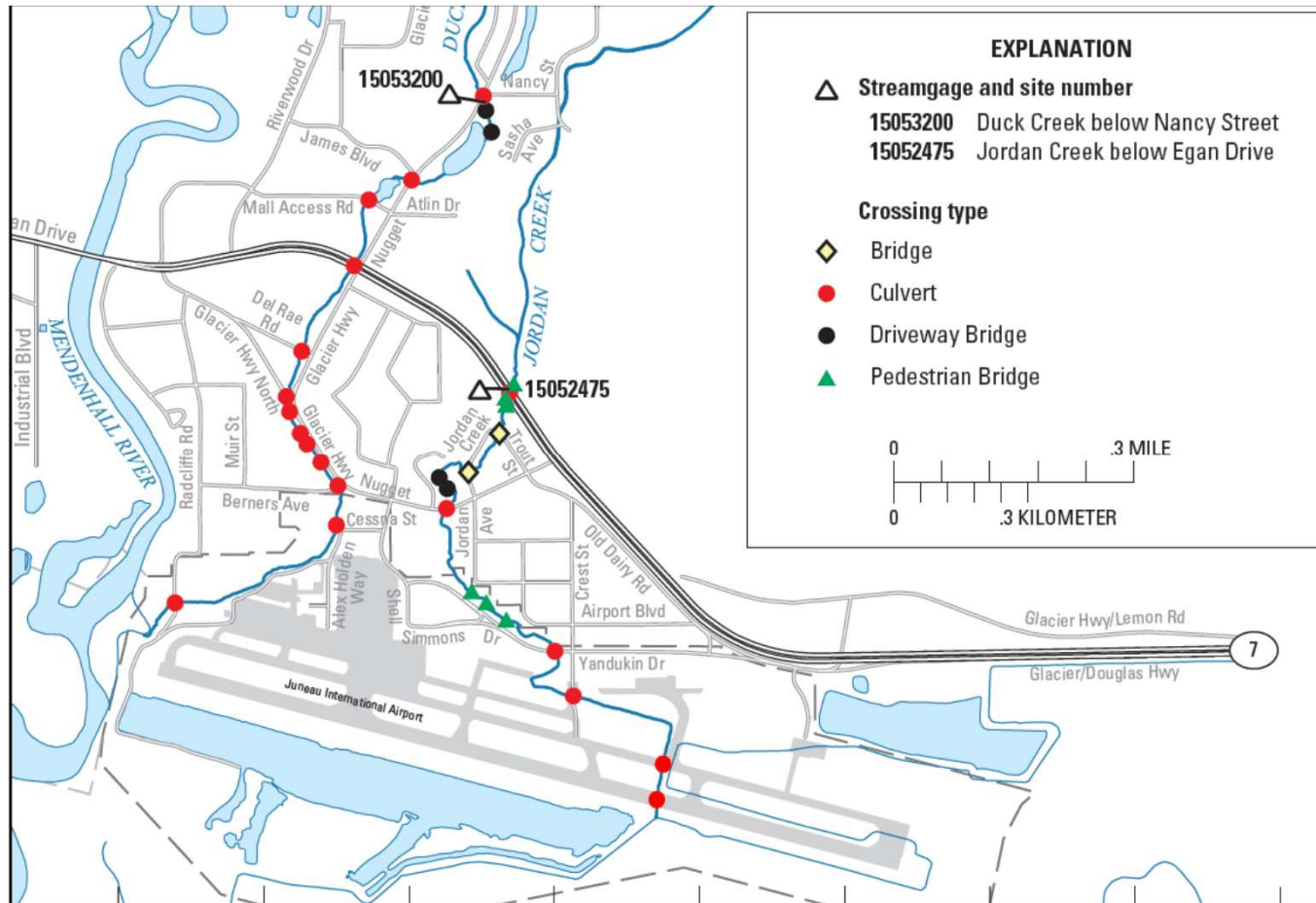


Source: Wikipedia

DOWNSTREAM INFRASTRUCTURE

- Jordan Creek meanders through a mixture of private and public properties
- Culverts - engineered stream passages that lock in stream elevations
 - Typically designed to accommodate fish passage
- Yandukin Drive Crossing
- Airport Taxiway and Runway crossings
- Vehicular and pedestrian bridges
- Bridges little impact except at extreme high flows, only pedestrian bridges, above bankfull after flood water has already inundated flood plain

JORDAN CREEK INFRASTRUCTURE BELOW EGAN DRIVE



Source: *Hydrology and Flood Profiles of Duck Creek and Jordan Creek Downstream from Egan Drive, Juneau, Alaska*
 – USGS Scientific Investigation Report 2006-5323

Introduce ADOT

Robert Trousil, PE

SR Materials Engineer



Engineering & Public Works Department

Marine View Building, Juneau, AK 99801

907-586-5254 <phone>

MEMORANDUM

DATE: February 4, 2021

TO: Chair Hale and City and Borough of Juneau Public Works and Facilities Committee

FROM: Katie Koester, Engineering & Public Works Director

SUBJECT: PWFC Action Items to Advance 2021 Assembly Goals

The purpose of this memo is to follow up on the February 8th work session where the committee discussed 2021 action items for the committee based on the 2021 Assembly Goals and solidify a list of milestones to present to the Assembly. New language summarized from the work session is highlighted in yellow. Italicized items indicate they are already underway.

Recommendation: Discuss action items, amend as necessary and finalize a list to present to the full Assembly.

PWFC Milestones for 2021 Assembly Goals

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.

3a. Maintain Assembly focus on deferred maintenance including BRH and JSD;

Responsibility: Assembly, Manager's Office, E&PW, and all operating departments with facilities

Notes: Short-term

1. *Bond package funds many maintenance projects, including JSD*
2. *BRH deferred maintenance efforts supported by Assembly with annual appropriation and staff*
3. **Communicate through the CIP process how energy efficiency and cost savings over the life of the project are taken into consideration as project criteria.**

3f. Examine life cycle costs of CBJ facilities including City Hall.

Responsibility: Assembly, Manager's Office, E&PW

Notes: Short term

1. *Update internal working document on deferred maintenance for CBJ facilities (excluding BRH and JSD) and present to Committee*

5. Sustainable Community – Juneau will maintain a resilient social, economic, and environmental habitat for existing population and future generations.5a. Develop strategy to measure, track and reduce CBJ energy consumption.

Responsibility: Assembly, Manager's Office, E&PW

Notes: Short term

1. *Measure/track: Develop a dashboard using procurement data on how many gallons of fuel CBJ uses. \$*
2. Analyze the past energy consumption and track future consumption of one or two facilities that are scheduled for energy efficiency improvements with the recently passed bond package to be able to demonstrate the savings and impact.

5b. Make a long term plan to achieve reliance on 80% renewable energy sources by 2045

Responsibility: Assembly, Manager's Office, E&PW

Notes: Short term

1. Task JCOS with developing a strategy to examine community wide energy use and report back to the committee with a request for proposal for some level of technical assistance.

5c. Develop climate change adaptation plan

Responsibility: Assembly, Manager's Office

Notes: Short term

1. Have Committee review revisions to the 2007 Juneau Climate Change Report due out spring of 2021 that identifies climate hazards, impact of hazards and mitigation measures. Task JCOS with community outreach and education on report.

5d. Develop solid waste strategy including plans to increase recycling and deal with abandoned/junked vehicles.

Responsibility: Assembly, Manager's Office, E&PW, JPD

Notes: Long term

1. Update to the Committee of the Whole on current solid waste situation in Juneau, history of CBJ research and analysis of the issue, and potential next steps. Presentation scheduled for 2.22.21.

MEMORANDUM

TO: Katie Koester
Engineering & Public Works Director

FROM: Greg Smith
Contract Administrator

Date: February 17, 2021

SUBJECT: Contracts Division Activity
January 27, 2021, to February 16, 2021

Current Bids – Construction Projects >\$50,000

BE21-179	Goodwin Road Reconstruction	NTP issued to Southeast Earthmovers 02/01/2021, \$523,017.40.
BE21-179	Savikko Fields 3 & 4 Drainage Improvements	Estimate \$95,000. 5 bids received on 1/20/21. Arete Construction low bidder \$68,545.
BE21-029	CBJ Wastewater Treatment Plant Security Camera Install	NTP issued to Sherman Technologies on 2/3/21, \$252,360.
BE21-028	Delta Drive Reconstruction	3 bids received on 2/10/21. Award in progress to Arete Construction, \$994,274. Estimate \$1,650,000.
BE21-159	JNU Fire Alarm Upgrade	Estimate \$272,000, bids due 3/9/21.
BE21-092	University Drive Lighting Upgrade	Estimate \$260,000, bids due 02/23/21
BE21-169	BRH ASU1 Glycol Conversion	Estimate \$114,000, bids due 03/03/21
BE21-149	BRH Behavioral Health Facility	Estimate 7.75 Million, bids due 03/16/21

Current RFP's – Services

RFP E21-171	Salmon Creek Efficiency Improvements	Proposals due 1/21/21. RMC Engineering only respondent. Fee negotiations in progress.
RFP E21-162	Design & CA for the for the CBJ - Eagle Valley Center Renovations	3 proposals received on 1/27/21. Award in progress with MRV Architects.
RFP E21-163	Design and CA for Treadwell Ice Arena, Consolidated Public Works & Douglas Fire Station/Library - HVAC Controls Upgrades	3 proposals received on 2/12/21, evaluation in progress.
RFP E21-191	Goodwin Road Reconstruction CA/i	2 proposals received on 02/03/21, Award in progress with proHNS, LLC
RFP E21-181	Capital Avenue Reconstruction CA/I	2 proposal received on 1/27/21, Award in progress with DOWL.

Other Projects – Professional Services – Contracts, Amendments & MR's >\$20,000

PA 3 to MR E21-139 (PND)	CA&I for Channel Drive & Channel Vista Pump Station Rehabilitation	NTP issued 2/1/21, \$46,470
Am 4 to E20-133	Design and CA for CCFR Mechanical Upgrades	NTP issued 2/8/21, \$351,627
Am 1 to MR E21-136	Design for Crest St Reconstruction	NTP issued 2/11/21, \$122,950

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Other Projects – Professional Services – Contracts, Amendments & MR's >\$20,000, Continued

Am 4 to E18-219	Design for JDWWTP Decant Station	NTP issued 2/11/21, \$304,387
Am 3 to E20-092	Design for Hospital Drive Reconstruction	NTP issued 2/11/21, \$113,815
Am 1 to RFP E21-121	Design Services for Douglas 4 th St. Utilities and Drainage	NTP issues 2/3/21, \$42,050.00

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

A	Amendment to PA or Professional Services Contract
CA	Contract Administration
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