

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

December 7, 2020 12:00 PM

Regular Meeting - Zoom Webinar

To join the Webinar: <https://juneau.zoom.us/j/98254265756> or call: 1-253-215-8782 webinar ID: 982 5426 5756

I. CALL TO ORDER

II. APPROVAL OF MINUTES

- A. September 14, 2020 - Virtual Regular Meeting

III. PUBLIC PARTICIPATION on NON-AGENDA ITEMS

IV. ITEMS FOR ACTION

- A. Centennial Hall Joint Facility
- B. PWFC Assembly Goals and Work Plan
- C. Ordinance Appropriating \$376,000 to the Manager for the Planning and Design of Bond-Funded Capital Improvement Projects
- D. CIP Wastewater Funds Transfer Requests
- E. Savikko Road Transfer Request

V. INFORMATION ITEMS

- A. Local Flooding Update
- B. Wastewater COVID19 Testing
- C. Public EV Charging Infrastructure Strategy

VI. CONTRACTS DIVISION ACTIVITY REPORT

- A. November 5, 2020 to December 3, 2020

VII. ADJOURNMENT

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
November 9, 2020**

I. CALL TO ORDER

The meeting was called to order at 12:02 PM.

Members Present: Ms. Hale, Ms. Triem, Ms. Hughes-Skandjis, and Ms. Woll. Mayor Weldon was also in attendance.

Staff Members Present: Katie Koester, Janet Sanbei, Lori Sowa, Greg, Smith, Nathan Coffee, Alexandra Pierce, Autumn Sapp, Rorie Watt, Adrien Speegle, George Schaaf, Irene Gallion, Jeff Rogers, Michele Elfers, Mila Cosgrove,

II. APPROVAL OF MINUTES

A. September 14, 2020 – Regular Meeting

Ms. Hale moved approval of the minutes of September 24, 2020.

No objections, minutes approved.

III. PUBLIC PARTICIPATION & NON-AGENDA ITEMS

None.

IV. ITEMS FOR ACTION

A. Complete Design Phase of Centennial Hall Renovations

Ms. Koester briefly brought the Committee up to date as to the work which has taken place. She requested from the Committee they approve a \$500,000 transfer to the project in order to continue going forward with the design of the Centennial Hall Renovation project.

Discussion ensued.

Ms. Hughes-Skandjis – moved the transfer request of \$500,000 be forwarded to the full Assembly for approval and asked for unanimous consent.

Ms. Triem objected. She objects to using pool funding for other projects.

Voting Roll Call

Ms. Hughes-Skandjis - Yes

Ms. Triem - No

Ms. Woll - Yes

Ms. Hale. - Yes

3 Yeas, 1 Nay – motion passes.

B. Juneau Coordinated Human Services Transportation Plan

Ms. Koester turned the presentation of this topic over to Alexandra Pierce of the Community Development Department. Ms. Pierce explained there is a requirement by the Federal Government to inventory the available transportation needs for social service programs every 5 years. There public process was presented this past spring. The opportunity to comment was put out on social media and the Community Development website. The next step in the process is a presentation to the Public Works and Facilities Committee with a request to forward the resolution to the Assembly for approval.

Discussion ensued.

Ms. Triem moved the Public Works and Facilities Committee forward the resolution to the Assembly for approval and asked for unanimous consent.

No objection. Motion passed.

C. Onsite Wastewater Treatment and Disposal System Maintenance Program (OWTDSMP)

Ms. Koester gave a brief overview of the purpose of the program and how it works. Currently it is required the CBJ inspect each system every year. This change being presented would allow individuals to hire a private firm to complete the inspection. The firm would need to be certified in inspection of onsite sewer systems.

Ms. Woll moved the revisions of the regulations move to the full Assembly for adoption as amended and asked for unanimous consent.

No objections. Motion passed.

D. Letter of Support for Southeast Alaska Watershed Coalition

Ms. Koester briefed the Committee on the background of this collaboration.

Discussion ensued.

Ms. Hughes-Skandjis moved to approve the letter of support for the Southeast Alaska Watershed Coalition and ask for unanimous consent.

No objection. Motion passed.

E. Bond Projects

Ms. Koester gave a brief presentation of the project priorities for use of the associated October 2020 bond initiative.

Discussion ensued.

Ms. Hale suggested the presentation be forwarded to the COW before going before the Assembly for approval.

Ms. Triem moved the Public Works and Facilities Committee forward to the COW the list of projects and the request to proceed with the sale of bonds before forwarding to the full Assembly for approval.

No objections, motion passed.

V. INFORMATION ITEMS

A. DOT Pedestrian Safety

David Epstein gave a presentation regarding several current and future pedestrian safety projects. He explained the guidelines for where and when to place crosswalks.

B. Wastewater COVID19 Testing

Ms. Hale moved this topic to the next meeting

VI. CONTRACTS DIVISION ACTIVITY REPORT

A. September 10, 2020, to November 4, 2020

VII. ADJOURNMENT

The meeting adjourned at 1:17 PM.

A. Next meeting will be December 7, 2020, 12:00 PM.



MEMORANDUM

DATE: December 1, 2020
TO: Chair Hale and CBJ Public Works and Facilities Committee
FROM: Katie Koester, Engineering & Public Works Director
THROUGH: Rorie Watt, City Manager
SUBJECT: Centennial Hall Expansion/ Joint Facility

Voters have approved rehabilitation of Centennial Hall on two separate occasions totaling approximately \$11.5 million. Design for elements of this project (mechanical, ballroom, and foyer) are underway; the committee heard a request to approve a transfer for additional design funds at their last meeting. However, full funding of renovations has stalled with the uncertainty surrounding the economic impacts of the pandemic. In 2019, concurrent to the second request for voter approval for rehabilitation of Centennial Hall, voters turned down a proposition to provide a \$4.5 million grant for the new Juneau Arts and Culture Center (JACC). Since the fall of 2019 the economic landscape has changed drastically. Economic recovery, possible federal stimulus dollars, and how to keep Juneau working have all emerged as near term concerns. This has prompted users of JACC and Centennial Hall to look at the facility with a fresh perspective and consider what a joint facility could do for the community. Representatives of Travel Juneau, JAHC and the Juneau Chamber of Commerce have met informally over the last few months to bring an expanded Centennial Hall concept forward that they will present to the committee on December 7th. All three organizations have submitted formal letters of support for furthering the concept of an expanded joint facility (attached). However, they have also concluded that the City needs to be involved in a project with this level of magnitude and coordination required.

If the committee is open to exploring the idea of shared space that can be used as a convention center, public gathering hall and arts center, the path forward is to approve up to \$75,000 to hire a consultant to further the concept with the scope of work below. Work would build off the expanded Centennial Hall concept drawings that will be presented to the committee on December 7th (also attached).

- Review space program critically
- Finalize current joint facility concept design using the updated space program
- Get a project narrative from consultants (M/E/C/S) regarding building systems Hire cost estimating firm to put together a cost estimate for the project based off the new concept plan, JACC's original estimate from Cornerstone, and the building system narrative
- Coordination and meetings

Then what?

Once the above scope of work has been accomplished, the working group will be able to provide the Assembly the following information to help guide any decision to put the project before the voters as early as October 2021. This includes:

- Professional cost estimate
- Realistic construction schedule
- Debt schedule
- Rendering
- A schematic plan that will alert us to code and other issues the project could encounter

Recommendation

Discuss investing up to \$75,000 to explore the concept of a joint facility at the JACC and Centennial Hall. If supportive, make a motion under New Business at the Assembly meeting on December 14th.

Enc:

November 12 Letter from Travel Juneau

November 13 Letter from Greater Juneau Chamber of Commerce

November 20 Letter from Juneau Arts and Culture Center

Centennial Hall Expansion Concept drawings



November 12, 2020

Beth Weldon, Mayor
Rorie Watt, City Manager
City & Borough of Juneau
155 S. Seward Street
Juneau AK 99801

Dear Mayor Weldon and Mr. Watt,

As meeting planners begin their selection of destinations in early 2021, they will have their choice of thousands of renovated or brand-new convention centers nationwide. It's well understood that Juneau's aging Centennial Hall has inefficient HVAC and outdated audio-visual systems; it also needs additional break-out space and other updates to be competitive. Travel Juneau's future success in selling meetings and conventions and the economic benefits they bring depends upon a well-planned, expanded, attractive Centennial Hall.

At the Travel Juneau Board of Directors meeting on October 15, 2020, Jensen Yorba Wall Architects (JYW) and members of the New JACC Partnership shared conceptual drawings of a combined Centennial Hall and New Juneau Arts and Culture Center. The concepts show that an arts center will fit well within an expanded Centennial Hall as one facility. The Travel Juneau Board of Directors fully supports the concept of a combined arts and meeting facility.

The Travel Juneau Board of Directors encourages the Assembly to take a visionary approach to this project and consider its impact on the city for the next three decades. Our community faces a high opportunity cost for completing only minor cosmetic and infrastructure renovations, as those changes will not meet planners' or attendees expectations for space, amenities, and technology. Selling the hall today is difficult; it will not be saleable in the near future considering the new or renovated statewide and regional meeting facilities available. Juneau now competes against other Alaska communities as well as communities in the Pacific Northwest for this valuable business.

However, these concepts for an expanded Centennial Hall, reconstructed to meet those expectations, aim in the right direction. They take advantage of the hall's original design which intentionally included engineering for expansion to a second story and adds operational efficiencies including sight lines. As CBJ has the capacity to take on currently low-cost bonding, funding can be secured without increasing the mill rate. Aside from completely revitalizing Centennial Hall into a combined facility for use into 2050, a capital project of this size will provide much-needed local jobs and create another jewel for our downtown core and the Auke Village Arts District.

The Travel Juneau Board of Directors requests that the city commit to move these concepts forward, undertake public process to refine them, and consider a bond package, which, alongside previously voter-approved funding, would support a redesigned Centennial Hall convention and arts center.

Regards,

Liz Perry – President & CEO, Travel Juneau



Greater Juneau Chamber of Commerce

9301 Glacier Hwy, Suite 110 • Juneau AK 99801 • (907)463-3488

Board Members

Eric Forst

President

Red Dog Saloon

Wayne Jensen

President-Elect

Jensen Yorba Wall Inc

Charlie Williams

Past President

Valley Paint Center

Mike Satre

Hecla Greens Creek Mine

Bruce Denton

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Perseverance Theatre

Mike Stedman

Alaska Seaplanes

John Blasco

Alaskan Brewing Co.

Laura Martinson

Caribou Crossings

Connie Hulbert

AEL&P

Scott Bergmann

The Alaskan Fudge Co.

Ray Thibodeau

Alaska Marine Lines

November 13, 2020

Delivered via email

Beth Weldon, Mayor

Rorie Watt, City Manager

City & Borough of Juneau

155 S. Seward Street

Juneau, AK 99801

Dear Mayor Weldon and Mr. Watt,

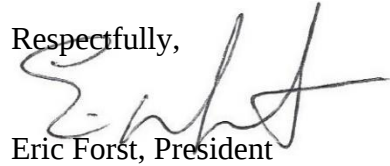
From the first public showing of the “New JACC” concept several years ago, the Juneau Chamber tried to remain on the sidelines of this project with the exception of three things, 1) restoration of parking lost in the design, 2) no increase in taxes to pay for a privately owned standalone facility, and 3) that a plan to upgrade/repair Centennial Hall would be approved. You already know the array of issues that came with the proposed standalone facility, from ownership, management, maintenance and ultimate cost. In more than one meeting, the question as to why not a combined facility owned by the CBJ surfaced as a possible solution.

Moving forward in time, the Juneau Chamber Board of Directors at their October 14, 2020 meeting, watched a presentation by Jensen Yorba Wall Architects (JYW) and members of the New JACC Partnership showing conceptual drawings of an expanded Centennial Hall design that would accommodate most of the desired components from the arts community. Conceptually this larger facility would be owned by the City & Borough of Juneau.

The Juneau Chamber Board of Directors believes the concept deserves serious consideration. We agree with the opinion of Travel Juneau that this project would be a long-term investment that would serve the convention business for many years to come, while also being a show case for the citizens of Juneau.

At this moment in time, it is hard to get past the blow to the local economy brought on by the COVID Pandemic. However, bond rates are at historical lows and the construction of a facility that will be a community asset for many years to come should be built into the long-term vision of the Assembly.

Respectfully,

A handwritten signature in black ink, appearing to read 'Eric Forst', written over the word 'Respectfully,'.

Eric Forst, President
Greater Juneau Chamber of Commerce



November 20, 2020

Beth Weldon, Mayor
Rorie Watt, City Manager
City and Borough of Juneau
155 South Seward Street
Juneau, AK 99801

RE: Unified New JACC and Centennial Hall

Dear Mayor Weldon and Mr. Watt:

During the last several months we have been collaborating with the Greater Juneau Chamber of Commerce and Travel Juneau on a concept that consolidates in one building the attributes of the New JACC and a renovated and expanded Centennial Hall. With the assistance of the architectural firm of Jensen Yorba Wall [JYW], we believe we have an initial product that represents the best long-term solution for the community for performance and meeting needs.

The proposed solutions offered in the concept address a number of the challenges we were asked to resolve by members of the community. The new plan has increased parking potentials, provides a combined facility under one roof that offers expanded opportunities for convention rental and maintains our mission of serving the arts and cultural sectors of the community.

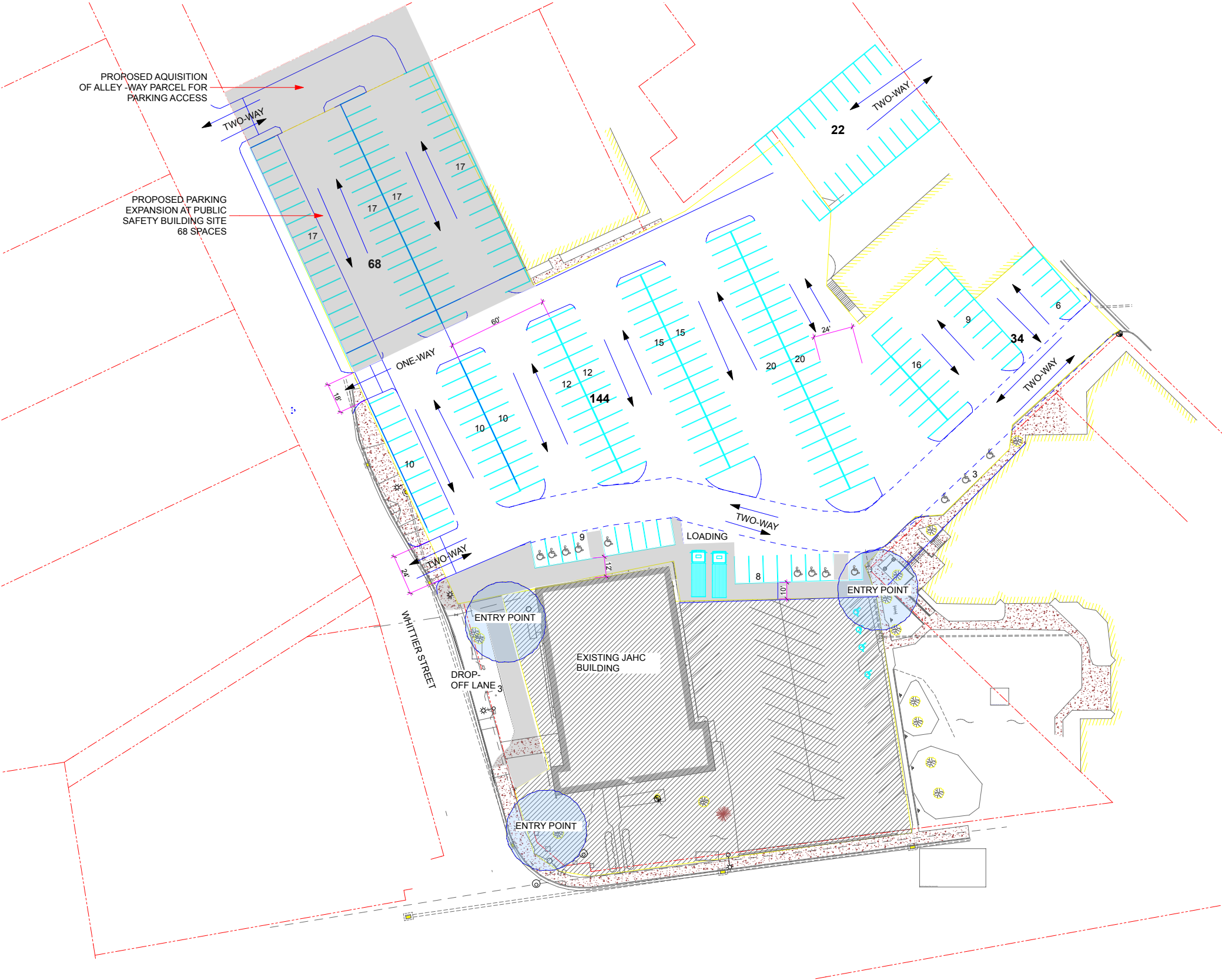
The economic benefits are two fold. For the immediate future there would be a large capital project in stream adding monies to the community. The long-term benefits would be expanded activity through the visitor sector and local use. We view this as a legacy project and as such see it fulfilling a long identified need for the community.

The Board of Directors of The Partnership, Inc. is in full support of the unification concept between Centennial Hall and the proposed New JACC and requests your support to bring the concept to its next stage.

Respectfully,

Robert Banghart
Executive Director
The Partnership, Inc.





Former Public Safety	68
Reorganized Center	144
South of Bullwinkles	34
North of Bullwinkles	22
CH / JAHC lot	42
Current Parking	312

Former Public Safety	68
Reorganized Center	144
South of Bullwinkles	34
North of Bullwinkles	22
Whittier side lot	5
NJACC Design Parking	268

Former Public Safety	68
Reorganized Center	144
South of Bullwinkles	34
North of Bullwinkles	22
Proposed Whittier side lot	56
Unified Design Parking	324

APK, street area - approx	75
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Centennial Hall Expansion
Convention and Arts Center
Concept
Site Plan
December 3, 2020



PWFC, December 7, 2020 Page 14 of 29

Centennial Hall Expansion

Convention and Arts Center

Concept

Existing / New
December 3, 2020

New Building
Existing Centennial Hall

WILLOUGHBY AVENUE

EGAN DRIVE

Rooms and Features:

- Event Studio
- 300 Seat Theater
- Main Entrance
- Gifts
- Art Gallery
- Community Room
- RR (Restrooms)
- Cafe
- Ballrooms
- Kitchen
- Facilities
- Dock
- Loading
- Mech / Storage
- Meeting A, B, C, D

Scale: 20' 40' 60'

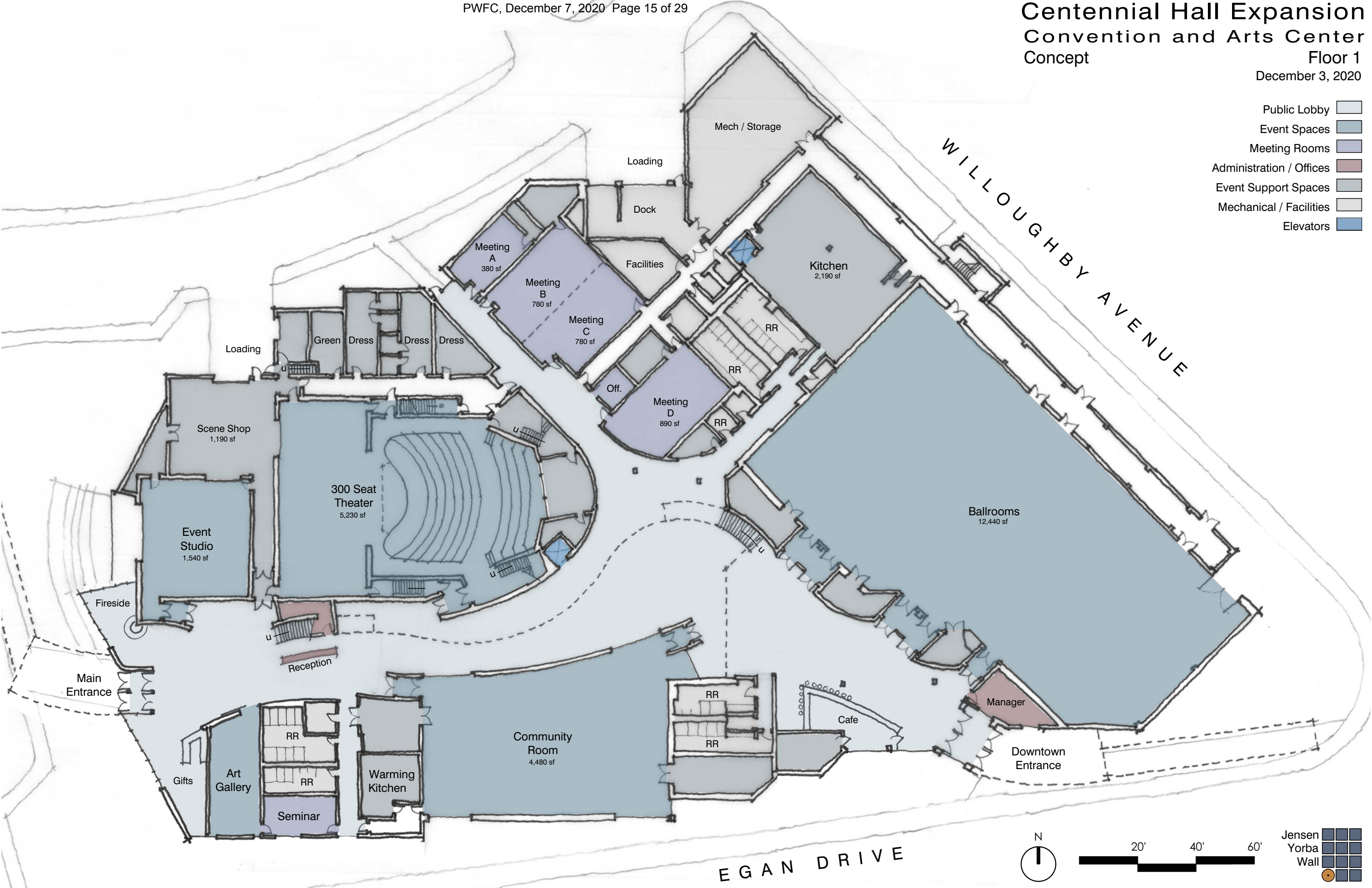
North Arrow: N

Jensen Yorba Wall

Centennial Hall Expansion
Convention and Arts Center
Concept

Floor 1
December 3, 2020

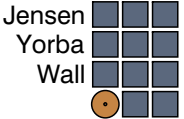
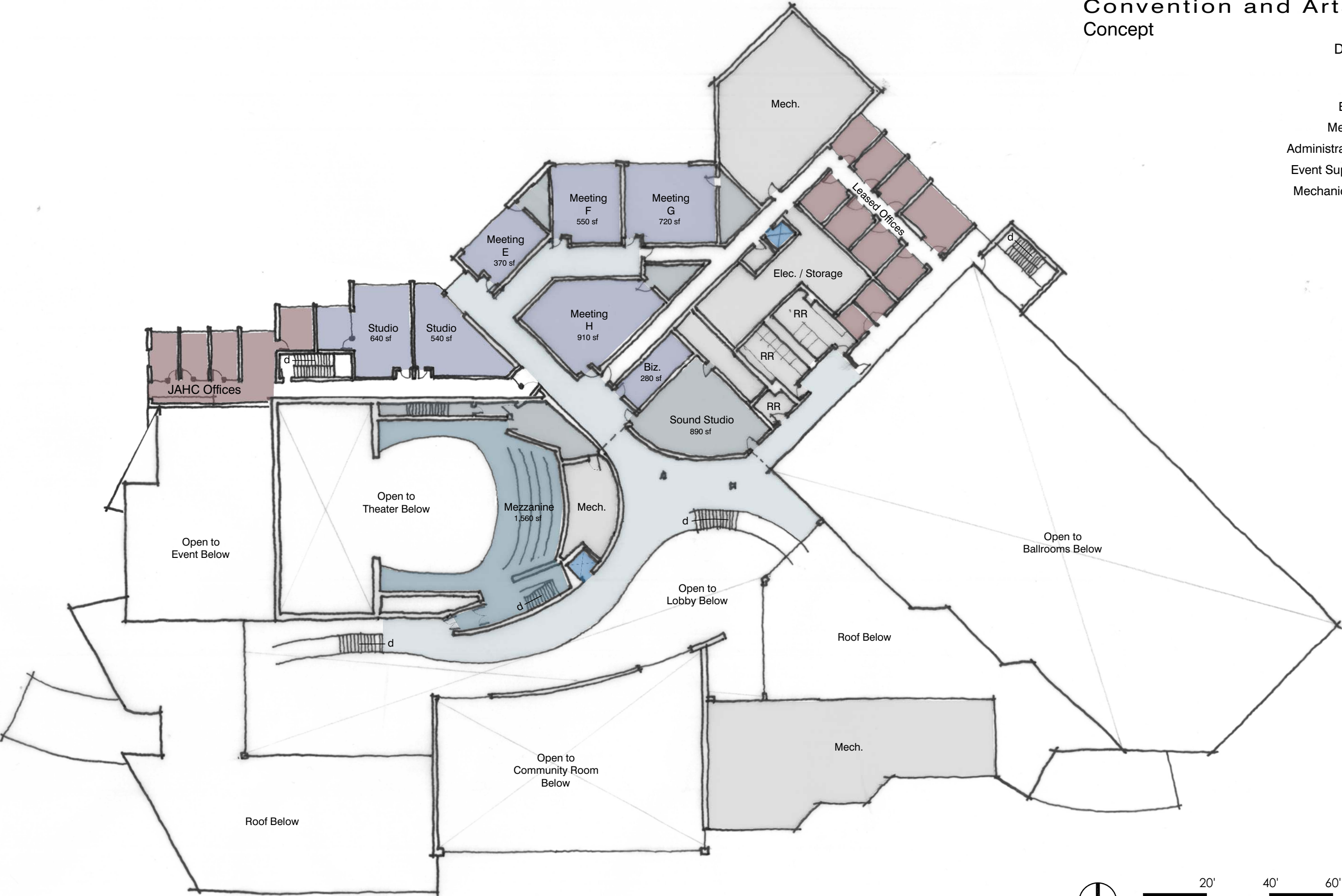
- Public Lobby
- Event Spaces
- Meeting Rooms
- Administration / Offices
- Event Support Spaces
- Mechanical / Facilities
- Elevators



Centennial Hall Expansion
Convention and Arts Center
Concept

Floor 2
December 3, 2020

- Public Lobby
- Event Spaces
- Meeting Rooms
- Administration / Offices
- Event Support Spaces
- Mechanical / Facilities
- Elevators



Engineering & Public Works Department

Marine View Building, Juneau, AK 99801

907-586-5254 <phone>



MEMORANDUM

DATE: December 1, 2020

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

FROM: Katie Koester, Engineering & Public Works Director

SUBJECT: 2021 Assembly Goals

The purpose of this memo is to help frame a conversation for the committee for the work plan for 2021, specifically in the context of the goals the Assembly established during their November 2020 retreat. Additionally, Resolution 2862 establishes the Assembly Rules of Procedure. Section 6 outlines the jurisdiction of the Public Works and Facilities Committee.

Excerpt from Resolution 2892

6. Public Works and Facilities Committee. The PWFC may take up issues relevant to the infrastructure of CBJ, including transportation and utilities. The duties of the PWFC shall include:

- a. Making recommendations to the Assembly regarding the capital improvement program required by Charter section 9.2 and other capital improvement plans and lists;
- b. Advising each newly elected Assembly of unfinished capital projects to be continued;
- c. Making recommendations to the Assembly regarding the preparation and revision of an area wide transportation plan;
- d. Making recommendations related to energy efficiency, renewable resources, waste reduction and recycling, global warming and green building.

Excerpt from 2021 CBJ Assembly Goals:

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

AA*		Implementing Actions	Responsibility	Notes:
A	F/O	Maintain Assembly focus on deferred maintenance including BRH and JSD.	Assembly, Manager's Office, Engineering/Public Works, all operating departments with facilities	Short term
F	F/O	Examine life cycle and life cycle costs of CBJ facilities including city hall	Assembly, Manager's Office, Engineering & Public Works	Long term

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

AA*		Implementing Actions	Responsibility	Notes:
A	P/O	Develop strategy to measure, track and reduce CBJ energy consumption.	Assembly, Manager's Office, all departments	Short term
B	P/F	Make a long term plan to achieve reliance on 80% renewable energy sources by 2045	Assembly, Manager's Office, Engineering/PW	Short term
C	P/F	Develop climate change adaptation plan	Assembly, Manager's Office	Short term
D	P/F/O	Develop solid waste strategy including plans to increase recycling and deal with abandoned/junked vehicles.	Assembly, Manager's Office, Engineering/PW, JPD	Long term
*Assembly Action to Move Forward: P = Policy Development, F = Funding , S = Support, O = Operational Issue				

Recommendation:

Discuss how the committee would like to approach the above mentioned goals and if there is interest in holding a work session to prioritize and develop a work plan for the upcoming year.

**Engineering & Public Works Department**

Marine View Building, Juneau, AK 99801

907-586-5254 <phone>

MEMORANDUM

DATE: December 3, 2020

TO: Chair Hale and CBJ Public Works and Facilities Committee

FROM: Katie Koester, Engineering & Public Works Director

SUBJECT: Design for 2021 Bond Funded projects

At the November 9th PWFC meeting, the committee reviewed a list of proposed projects for the recently approved \$15 million bond package. The attached ordinance appropriates the design funding needed to stay on schedule for three of the projects that are planned for next construction season. The schedule assumes an additional appropriation for construction early next year that would allow the projects to be bid in Spring 2021.

It is worth noting that at this time the list of projects Engineering has proposed for 2021 is longer than what is listed below, however there is existing authorization to initiate those projects within other CIP appropriations.¹

This ordinance would appropriate \$376,000 for the planning and design of bond-funded capital improvement projects with funding provided by General Obligation Bond Proceeds:

Crest Avenue Reconstruction (R72-155)	\$ 175,000
Eagle Valley Center Improvements (P46-115)	\$ 51,000
DT & Glacier Fire Stations – Mechanical/Electrical Upgrades (F21-041)	<u>\$ 150,000</u>
Total	\$ 376,000

Recommendation: Approve forwarding the ordinance to the December 9th Finance Committee for review and introduction at the December 14th Assembly meeting.

Enc:
Draft Ordinance 2020-09(AB)

¹ 2021 project list includes Sayéik Gastineau Elementary School Roof Replacement, Savikko Park Lighting Replacement, and Capital School Park Improvements. Note the schedule is subject to change as design and scope solidify.

Presented by: The Manager
Introduced: December 14, 2020
Drafted by: Finance

ORDINANCE OF THE CITY AND BOROUGH OF JUNEAU, ALASKA

Serial No. 2020-09(AB)

An Ordinance Appropriating \$376,000 to the Manager for the Planning and Design of Bond-Funded Capital Improvement Projects; Funding Provided by General Obligation Bond Proceeds.

BE IT ENACTED BY THE ASSEMBLY OF THE CITY AND BOROUGH OF JUNEAU, ALASKA:

Section 1. Classification. This ordinance is a noncode ordinance.

Section 2. Appropriation. There is appropriated to the Manager the sum of \$376,000 for the planning and design of bond-funded capital improvement projects.

Section 3. Source of Funds

General Obligation Bond Proceeds	\$376,000
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Section 4. Effective Date. This ordinance shall become effective upon adoption.

Adopted this _____ day of _____, 2021.

Beth A. Weldon, Mayor

Attest:

Elizabeth J. McEwen, Municipal Clerk

**Engineering & Public Works Department**

155 South Seward Street

Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: December 7, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: Lori Sowa, Utilities Engineer

THROUGH: Katie Koester, Director Public Works and Engineering

SUBJECT: CIP Wastewater Funds Transfer Requests

To accommodate the current project needs of the wastewater utility, fund transfers from existing wastewater utility revenue funded CIPs are proposed as outlined below.

U76-103 Facilities Planning			
		From	Status
\$	25,216.16	U76-014 Auke Bay Sewer Ext	Project Complete
\$	15,019.04	U76-015 JD Plant Infr	Project Complete
\$	36,729.09	U76-108 MWWTP Roof Repair	Project Complete
\$	76,964.29	transfer to CIP U76-103	
U76-122 OD / WJ Station Upgrades			
		From	Status
\$	102,964.98	U76-113 Maier Dr FM Repai	Project Complete
\$	98,246.98	U76-117 Anode Replace OD FM	Project Complete
\$	201,211.96	transfer to CIP U76-122	
U76-112 JD Vactor Dump			
		From	Status
\$	225,000.00	U76-116 JD Clarifier/Dig Imp	Deferred
\$	1,500,000.00	U76-114 WW Infr Maint	Ongoing
\$	1,800,000.00	U76-119 MWWTP Improvements	Ongoing
\$	700,000.00	U76-126 JDTP Improvements	Ongoing
\$	4,225,000.00	transfer to CIP U76-112	
U76-100 Glacier Hwy Sewer - Anka to Walmart (Gruening Park PS)			
		From	Status
\$	770,000.00	U76-121 Collection Sys Pump Sta Upgrades	Ongoing
\$	770,000.00	transfer to CIP U76-100	

The funds requested for the JD Vactor Dump project are expected to provide full funding for design, construction and contract administration for this project based upon the 35% design cost estimate. This project is the highest priority for work at the JD Plant and is very high overall on the utility's priorities. It will eliminate the need for the vactor dump pond by providing receiving station equipment and improved grit and solids handling at the JD Plant. In addition, these upgrades will accommodate discharges from septic haulers. The proposed transfers for this project include a transfer from the MWWTP Upgrades CIP that will be replaced by Wastewater Utility revenue funding in the FY22 CIP request.

Wastewater funds for the Gruening Park Lift Station are being provided to complete the long needed renovation and upgrade of the pump station during the ADOT funded relocation of the Gruening Park generator building to accommodate the upcoming Glacier Highway construction project.

Many of the proposed transfers are reallocation of wastewater funds from completed projects to ongoing work in need of additional funding. This applies to both U76-103 Facilities Planning (supports ongoing permit-required studies including an Industrial User Survey for the Mendenhall treatment plant) and U76-122 Outer Drive and West Juneau Lift Station Improvements.

The ongoing CIPs that are providing funding for the priority projects above retain enough funding to continue developing and building projects within those CIPs. Additional funding for construction will be prioritized and funded by the Wastewater Utility FY22 CIP request.

Recommendation

Staff requests the above transfers be forwarded to the Full Assembly for approval.



Engineering & Public Works Department

155 South Seward Street

Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: December 7, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: John Bohan, Chief CIP Engineer

SUBJECT: CIP Transfer - \$20,000 to Savikko Road

The Savikko Road reconstruction project (CIP R72-142) requires additional funding for completion and close out. The project has been successful, but encountered some unforeseen additional work and requires \$20,000 additional funding to accomplish final completion and close out of the project.

The Goodwin Road reconstruction CIP (R72-147) has funding available to provide the needed \$20,000 for the Savikko Road shortfall.

The Goodwin Road reconstruction project will be bid in January 2021. More refined project estimates are showing the project will cost approximately \$1 million and \$1.2 million has been allocated for the project. Taking \$20,000 from the contingency remaining for unforeseen issues on Goodwin will not impact the project moving forward.

Recommendation

Staff requests the above transfers be forwarded to the Full Assembly for approval.



TO: Michelle Hale
Chair, Public Works and Facilities Committee

THROUGH: Katie Koester
Engineering & Public Works Director

FROM: Lori Sowa,
Utilities Engineer

DATE: November 6, 2020

RE: Sewage Surveillance for SARS-CoV-2 Virus in Wastewater

The Wastewater Utility has started a sewage surveillance program for SARS-CoV-2, the virus that causes Covid-19. This program is funded through an appropriation of \$75,000 in CARES Act funding. The goal of this program is to monitor and track the relative abundance of virus in our wastewater streams as another means to understand the prevalence of Covid-19 in the community. This information is intended to complement our clinical data, and we hope that it will provide additional information for the EOC to use in making decisions regarding risk level for the community.

Background

Wastewater (or sewage) includes water from household/building use (i.e., toilets, showers, sinks) that can contain human fecal waste, as well as water from non-household sources (e.g., rainwater and industrial use.) We commonly hear about people who are infected with COVID shedding the virus in their respiratory droplets, but the virus is also shed in feces. Wastewater which contains this feces can be tested for RNA from SARS-CoV-2, the virus that causes COVID-19. It is important to note that there is no information to date that anyone has become sick with COVID-19 because of direct exposure to treated or untreated wastewater, and CDC advises that standard practices associated with wastewater treatment plant operations should be sufficient to protect wastewater workers from the virus that causes COVID-19.

Monitoring and Sampling Program

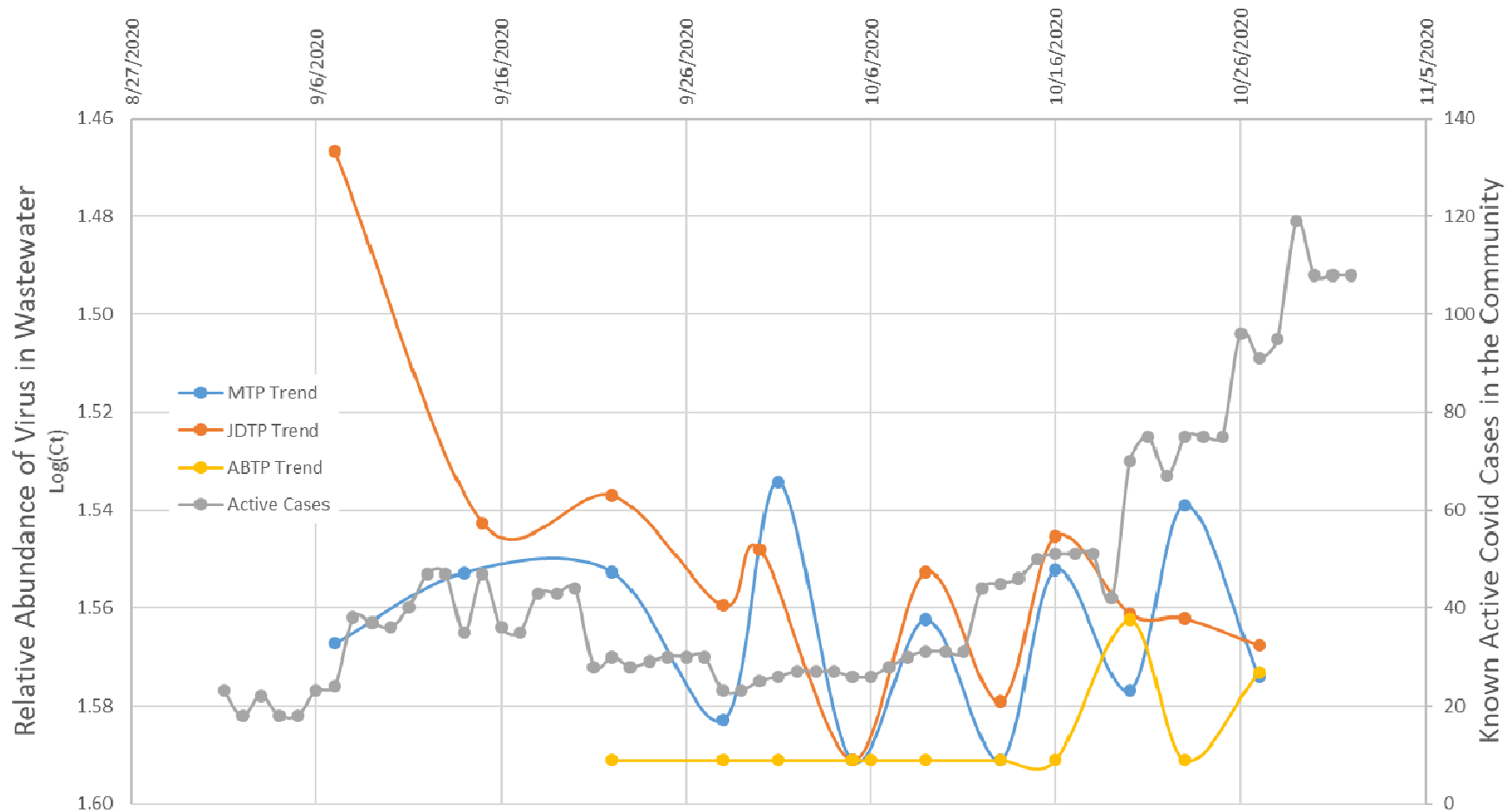
Currently, two samples per week are collected from each of our three treatment plants and sent to a commercial laboratory for analysis. Results are received approximately one week after samples are submitted to the laboratory. There are many variables to be considered in interpreting the data, including factors specific to our sewer systems (size of the sewer shed, commercial and industrial inputs to the treatment system, rainwater influence), as well as factors such as shed rates in feces, which vary over time. Based upon guidance from CDC and the research community, the goal is to look for trends (stable, increasing, or decreasing abundance) rather than try to estimate a specific number of cases in the community.

Data and Results

The wastewater samples collected from each plant are shipped out once per week, and it takes approximately a week to receive lab results once samples are shipped. Data collected so far is displayed on the attached figure along with the known active COVID cases for the community. We are

consulting with University of Alaska Anchorage and Water Research Federation (Denver) researchers on our sampling plan, methods of analysis, and data interpretation.

Initial data indicates that SARS-CoV-2 has been consistently present at the JD and Mendenhall plants, and more recently has been detected at the Auke Bay Treatment plant. The levels of virus detected at each plant fluctuates, and some rainwater influence (dilution) is suspected. Starting next week, our samples will be sent to a different laboratory that will report results in viral counts per volume, and this should help with data interpretation. We will continue to work with the EOC and Public Health on how to incorporate this data into our risk matrix, and how to make it available to the public.



SARS-CoV-2 Levels in Wastewater and Known Active Cases in Juneau, Alaska



Engineering & Public Works Department

155 South Seward Street

Juneau, Alaska 99801

Phone: 907-586-0800 | Fax: 907-463-2606

DATE: December 7, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: Katie Koester, Director Public Works and Engineering

SUBJECT: Public Electric Vehicle (EV) Charging Infrastructure Strategy

Improving public EV charging infrastructure is one component of CBJ's overall EV initiative and Juneau Renewable Energy Strategy (JRES). Other EV initiatives, such as transitioning the Capital Transit fleet to electric buses, are ongoing. The Areawide EV Charging Stations CIP has been set up specifically to address public charging infrastructure. Staff is looking for committee input as we develop a strategy and scope of work for this small part of the broader goal to increase EV adoption in Juneau.

Strategy:

The objective of EV Charging Stations CIP is to develop a strategy for the installation of public EV charging infrastructure that will:

1. Provide auxiliary charging locations at convenient locations throughout town
2. Reduce range anxiety
3. Provide overnight charging options for "garage orphans" (those without the ability to charge overnight at their own residence)
 - a. Multi-family apartments and condos
 - b. Rentals and homes without off-street parking (downtown)
 - c. Harbors / Live-a-board boats

Proposed Research:

To develop this strategy, CBJ staff is currently researching the following areas:

1. What are other communities doing?
2. What are the opportunities and challenges associated with on-street charging? What logistics must be considered?
3. What level of chargers should be installed, and do we charge for use of chargers?
4. What are the current development and building code requirements and what could/should be added with regard to EV charging?
5. Grant programs to promote private business installation of Level 3 chargers
6. Do we have data on usage of current chargers, should we consider including the ability to collect data on usage and what cost/logistics would this entail?
7. Can installation of chargers at parking lots meet the established goals? What is the distribution of those parking lots in downtown?

To support development of this strategy CBJ is considering a survey of EV users and potential EV users.

Timeline: Continued research, survey and strategy development with a presentation to PWFC in April 2021. Implementation could begin as early as Summer 2021.

Recommendation: Discuss the objectives outlined in the memo and provide guidance on the proposed strategy and goals.



MEMORANDUM

TO: Katie Koester
Engineering & Public Works Director

FROM: Greg Smith
Contract Administrator

SUBJECT: Contracts Division Activity
November 5, 2020, to December 2, 2020

Date: December 3, 2020

Current Bids – Construction Projects >\$50,000

BE20-124	BRH- ASU 11 Fans Replacement & Endoscopy Ventilation Improvements	NTP issued 12/02/2020 to Schmolck Mechanical Contractors for \$409,550.00
BE21-122	Lee Street and Bonnie Brae Pump Station Renovation	Bid opened 11/24/2020. 2 Bids received. Low bidder Arete Construction, Inc \$594,224.00
BE21-148	Channel Drive & Channel Vista Pump Station Rehabilitation	Estimate \$725,000. Bids due 12/15/2020.
BE21-032	Capital Avenue Reconstruction	Estimate \$557,000.00. Bids due 12/15/2020

Current RFP's – Services

RFP E21-131	Design Services for Fisherman's Memorial Seawalk Re-Decking	NTP issued 12/03/2020, \$28,800.00.
RFP E21-121	Design Services for 4 th St Douglas Utilities and Drainage	NTP issue 11/05/2020, \$37,610.00.
RFP E21-114	Design and CA for the Sayéik Gastineau Community School Partial Roof Replacement	NTP issued to J.Y.W. on 11/6/20, \$63,879.
RFP E21-130	Design for Auke Bay Treatment Plant Cathodic Protection and Plant Upgrades	NTP issued to Taku Engineering on 11/23/20, \$53,300.
MR RFP E21-136	Design for Crest St Reconstruction	NTP issued to DOWL in 11/5/20, \$32,495.
RFP MR E21-137	Design Services for Capital School Park Reconstruction	NTP issued to MRV Architects, 12/03/2020, \$9,742.00 for initial survey work.
RFP E21-135	Design Services for Carrol Way & Martin Way Stairs Replacement	One proposal received on 11/20/20. Fee negotiations with PND Engineers are in progress.

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

MR E21-142	BRH Temporary Triage Facility Construction	NTP issued to Dawson Construction on 11/6/20, \$370,000.
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Term Contracts for General Construction Services (>\$20,000)

PA 9 to E19-122(C)	BRH MHU New Wall & Double Door	NTP issued to Carver Construction on 11/23/20, \$28,778.20.
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Term Contracts for Plumbing Services (>\$20,000)

PA 13 to RFP E17-172	Last Change Basin Oil Tank Installation	NTP issued to Behrends Mechanical, 9/18/20 in the amount of \$41,212.00
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Contracts Division Activity
November 5, 2020, to December 2, 2020

Construction Change Orders (>\$20,000)

CO 5 to BE20-024	Household Hazardous Waste Facility	Change order 5 for \$43,669.69, executed on 11/24/20.
CO 4 to BE19-243	Marie Drake School Fan Replacement & HVAC Controls Upgrades	Change order 4 for \$309,027.79, executed on 11/30/20.

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