

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

January 15, 2020 12:00 PM
Assembly Chambers - Municipal Building
Regular Meeting

I. CALL TO ORDER

II. APPROVAL OF MINUTES

- A. December 9, 2019 - Regular Meeting

III. PUBLIC PARTICIPATION on NON-AGENDA ITEMS

IV. ITEMS FOR ACTION

- A. Wastewater SCADA Alternative Procurement
- B. Capital Transit Lo No Grant Appropriation - \$1.350 M
- C. Waste Management \$1M Appropriation
- D. Aspen Avenue Reconstruction - \$450,000 Transfer

V. INFORMATION ITEMS

- A. Yandukin Drive - DOT Presentation
- B. FY21 CIP Schedule

VI. CONTRACTS DIVISION ACTIVITY REPORT

- A. December 4, 2019 to January 8, 2020

VII. ADJOURNMENT

- A. February 10, 2019 - 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
December 9, 2019**

I. CALL TO ORDER

The meeting was called to order at 12:04 PM.

Members Present: Mr. Bryson, Ms. Hale, Ms. Triem, Ms. Gladziszewski and Mr. Arndt – Planning Commission Liaison. Also present: Assemblyman Loren Jones and Mayor Weldon.

Staff Members Present: Greg Smith, Janet Sanbei, Nathan Coffee, Rorie Watt, Robert Palmer, Jeff Rogers, Patty Wahto, Ed Foster, Brian McGuire,

II. APPROVAL OF MINUTES

A. October 10, 2019 – Regular Minutes

Ms. Triem moved the approval of the October 10, 2019, regular meeting minutes and asked for unanimous consent.

Ms. Hale objected for making corrections.

Minutes approved with changes.

III. PUBLIC PARTICIPATION & NON-AGENDA ITEMS

Mike Orford, from the Valley, a local taxi driver, explained he would like to work through the process to increase taxi meter rates in Juneau. Rates have not been increased since 2008. Inflation has gone up 20% since then. The current initial rate to get in the car is \$3.40. In the summer the tour rate is \$70/hour for the taxi and the driver. He is hoping an increase of 20% would be accepted. The petition was signed in September.

Discussion ensued.

Mr. Watt indicated this will require an ordinance change in order for the rate to be increased. It will require a committee to give direction as to how much the rate should be increased.

Ms. Gladziszewski stated the last time the rate increased, it was heard by the Committee of the Whole. The Committee of the Whole at that time looked at rates from other communities and the proposed increase. Past history has shown the COW has been inclined to accept the proposed amount presented.

Ms. Hale stated she will discuss with the City Manager, the Mayor, and possibly Ms. Gladziszewski as well to determine which committee should hear this proposal. She will let Mr. Orford know which committee will hear this subject next.

IV. ITEMS FOR ACTION

A. JNU Supplemental Agreement for Demolition of old Sand Chemical

Mr. Watt explained the code requirements for “no bid” procurement. He stated supplemental agreements were added as a source for adding work not originally within the scope, if it meets certain requirements meeting a public interest through a finding report. The Code gives the City Manager discretionary limits up to \$250,000, or a percentage of the Capital Improvement Project. Beyond that dollar amount, it is the authority of the Assembly. Since this is an Assembly decision, he asked Ms. Wahto to bring this request before the Public Works and Facilities Committee. Mr. Jones realized and received confirmation from the City Attorney that the finding is to be written by the City Manager. Mr. Watt was under the assumption it was to be written by the Airport Manager. Mr. Watt asked Ms. Wahto to come forward and explain the request.

Ms. Wahto indicated the memo outlines what is in the code and how they feel this meets the requirements to issue a supplemental agreement. \$400,000 is approximately 4.3% of original contract.

Discussion ensued.

Ms. Hale asked Mr. Watt to speak to the finding of this project.

Mr. Watt stated this is a 2-part issue. There is the public best interest finding which is written by the City Manager and then there is the dollar amount which must be decided by the Assembly. He does not feel this is a good case for a supplemental agreement. The Assembly’s past practice has been to be very conservative about issuing supplemental agreements. He feels if the Public Works & Facilities Committee were to apply past practice to this case, he would not advise moving forward. He feels the best public finding he could write would be insufficient. If the Committee wishes to go forward with the Supplemental Agreement, he could write his best case scenario and then the decision could be made at the Assembly level.

More discussion ensued.

Ms. Gladziszewski moved the Public Works & Facilities Committee recommend to the Assembly a Supplemental Agreement with Dawson Construction not exceed \$400,000.

Ms. Gladziszewski will speak against the motion. She doesn’t believe it meets the standard or the threshold in the ordinance. The City Manager is indicating he does not feel it meets the standard either.

Mr. Bryson asked to get the legal situation satisfied. He feels the Committee should not vote on an issue that would leave a property owner stranded.

The vote was 4 nays.

Motion did not pass.

B. Centennial Hall Update

Mr. Coffee gave a brief explanation of the information in the packet. He stated an updated version was given to the Committee on their desks.

Discussion ensued.

Ms. Hale asked if Engineering Staff could summarize the meeting in order to refresh the Committee's memory. She understands the estimate is very preliminary. She feels it is important to determine what improvements need to be made to Centennial Hall, but without the connection to the new JACC building, as there are still things to be worked out with the new JACC building.

Ms. Gladziszewski moved the Public Works & Facilities Committee sees no reason to change its approach to the Centennial Hall construction made by the Assembly prior to the October 2019 Vote. We believe it is still correct to finance the items we said we would finance previously minus the walkway connection to the JACC.

Ms. Gladziszewski amended her motion to add the amount of the renovations will be approximately \$7M.

Ms. Hale stated the motion is roughly...the items identified in our previous meeting before the ballot decision, which we believe are items 1-5 and removing the connection to the JACC is roughly \$7M dollars is being forwarded from the Public Works & Facilities Committee to the Finance Committee.

Motion passed.

V. INFORMATION ITEMS

A. Electric buses

Ed Foster, Transit Superintendent, updated the committee on the purchase of a new electric bus. The new bus will arrive in July. The date keeps getting pushed back, as supply of many of the components is behind, due to the number of electric buses being ordered. Orders for electric buses has gone up considerably. There is a grant we have received which will be to purchase electric buses, charging stations, and a generator.

Discussion ensued.

B. Dock Electrification

Mr. Uchtyl stated the dock electrification has not be started yet. The Docks/Harbors Department is waiting for the Deputy Port Engineer to be hired and brought on board. The new engineer will be tasked with working on this project.

Discussion ensued.

VI. CONTRACTS DIVISION ACTIVITY REPORT

- A. October 23, 2019 – November 12, 2019
- B. November 13, 2019 – December 3, 2019

VII. ADJOURNMENT

The meeting adjourned at 1:02 PM

- A. Next meeting will be January 6, 2020, 12:00 PM – Assembly Chambers



DATE: January 15, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: Brian McGuire, Utilities Superintendent

SUBJECT: Use of Design Build Procurement for WW Controls and SCADA Upgrade project

Staff requests permission to use the Design Build method of Alternative Procurement for the Waste Water Controls and Supervisory Control and Data Acquisition (WW SCADA) Upgrade project. In the regular Municipal Election of 2017, the CBJ Voters approved Proposition 2, a Charter amendment allowing alternative procurement to be included into the Competitive Bidding section of the CBJ Charter. The Proposition 2 Section of the 2017 Voters Information Guide is attached. We believe the use of the Design Build procurement method will mitigate many of the serious risks inherent in a wastewater treatment control system overhaul of this magnitude.

The Mendenhall Waste Water Treatment Plant (MWWTP) is critical utility for the CBJ as it treats the wastewater from the Hospital area, through Lemon Creek and the majority of the Mendenhall Valley. Currently the entire plant is controlled by a 1980's era Single Board Computer (SBC) and an Allen Bradley PLC 540E, Programmable Logic Controller (PLC) both of which are not only antiquated but also obsolete. The manufacturer no longer supports these products. Furthermore, the SBC that controls the plant and was developed by a company in the mid-west that no longer has knowledge of how it functions. Thus, there is no way to ascertain the intended functionality of the original system.

Some of the specific issues that support use of the alternative procurement for the WW Controls and SCADA Upgrade project are:

- The company that built the SBC is in Kansas and no longer employs resources with working knowledge of the system.
- The SBC is working hand in hand with the AB PLC540E, which is obsolete and unsupported by the manufacturer.
- The PLC program has been modified over the years by several different resources, some of which are no longer in business.
- The MWWTP has multiple Human-Machine Interface (HMI) systems, operating independently and not necessarily integrated together, currently causing operational challenges. Standardization to a single platform will improve these issues.
- For the control upgrades, we have to build the new system in parallel (offline), test in small phases on the live process, determine and address any operational impacts discovered and, finally, fix the bugs and then switch over to the new controls.
- Recreating the entire process control system to a real extent to be compatible with modern day technology.

The consequences of failure of a critical utility are significant. During a major recontrol project, the risk of failure is high, especially when the system is unable to be shut down during the project. Risks and public hazards include:

- Complete failure of the treatment plant operations causing sewage backups or discharge of raw sewage into Mendenhall River to prevent backups.
- Incapacitation of one or multiple treatment processes, leading to poorly treated effluent discharges, pollution, environmental damage, and risk to public and environmental health and fines from the regulating agencies.

A Design-build approach can address many of these risks because it allows the design team to anticipate and address issues that arise by close collaboration with the construction team. In summary, the Design build process is ideal for projects with high complexity and many unknowns.

Because the MWWTP is a critical CBJ utility and this necessary upgrade has a high degree of complexity and risk, the Design-build approach is paramount to a successful outcome.

Recommendation:

Direct staff to prepare an ordinance authorizing the use of Alternative Procurement for the WW Controls and SCADA Upgrade project and forward to the full Assembly for approval.

2

Proposition 2

Charter Amendment – Alternative Procurement Methods

Proposition 2

Charter Amendment – Alternative Procurement Methods

What does the Charter Amendment do?

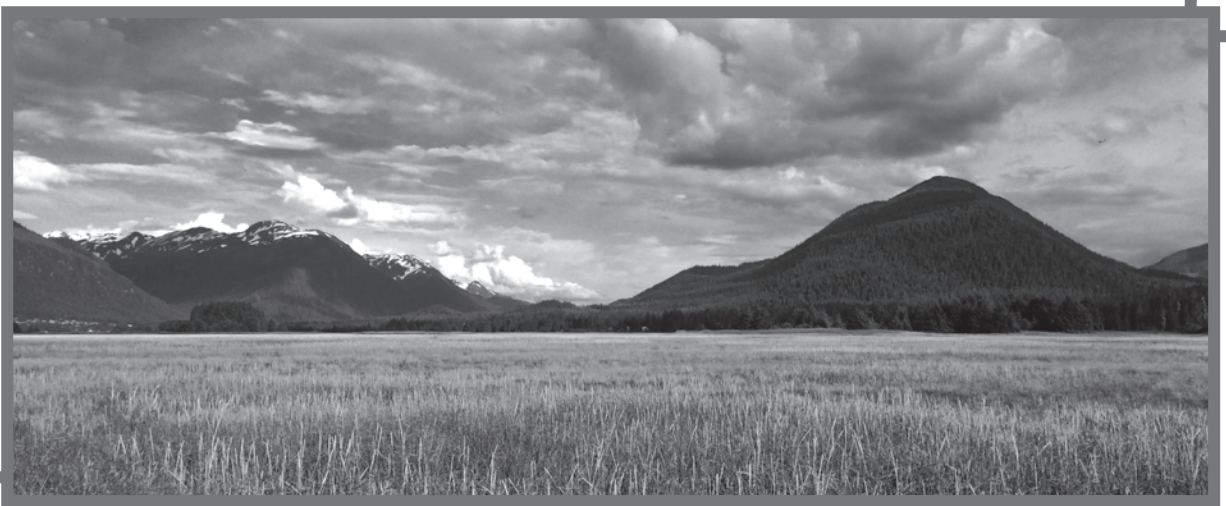
Proposition 2 amends Section 9.14(b)(6) of the City and Borough of Juneau Charter to allow the Assembly to adopt ordinances that would provide for alternative procurement methods (APM). APM is intended to provide CBJ another procurement tool and project delivery method where project complexity and cost restraints necessitate a selection process that balances qualifications, experience, and lowest price.

How does procurement work now?

Currently, Charter Section 9.14(b) requires contracts for public improvements to be awarded by competitive bid to the lowest qualified bidder. For capital construction projects over \$50,000 in value, sealed bid and award of the work is always to the lowest responsible, responsive bidder.

What is the practical impact of the amendment?

The Charter amendment makes alternatives procurement methods possible, allowing the CBJ's procurement methods to be current with modern government procurement practices. Any actual alternative procurement methodology would be created through ordinance. All changes to CBJ Code require public notice and an opportunity for public review and comment. Alternative procurement methods would not entirely replace the current standard practice for project delivery. Alternative procurement methods are best suited for more complex projects or where cost restraints suggest CBJ would be better served with an alternative to the uncertainty of low bid project award.



Proposition 2 - Continued

Charter Amendment – Alternative Procurement Methods

2

Proposition 2 - Continued

Charter Amendment – Alternative Procurement Methods

What are examples of alternative procurement methods?

Design-build is an integrated approach that delivers design and construction services under one contract with a single point of responsibility. Contracting officials select design-build to achieve best value while meeting schedule, cost and quality goals.

The **Best Value** approach allows contracting officials to closely examine, evaluate and rate contractors on their respective qualifications and performance capabilities and choose the best qualified contractor who offers the best price. The agency still has the right to choose the low bid – but price isn't the only consideration. As an example, a contractor whose price is 1% higher than the low bidder may still be a better fit for the project if the contractor's track record and qualifications with the type of project are significantly better.

Construction Manager/General Contractor (CM/GC) This delivery method involves a commitment by the CM/GC for construction performance to deliver the project within a defined schedule and price, either a fixed lump sum or a guaranteed maximum price. CM/GC provides contractor input to the owner during the design phases and may become the general contractor during the construction phase.

How does the new language compare to the procurement rules of other government entities?

The State of Alaska and the Municipality of Anchorage have similar rules related to alternative procurements.

What would happen if voters fail to approve the Charter Amendment?

If voters do not approve the Charter Amendment the current procurement rules will remain in place.





SAMPLE BALLOT page 2 of 2

THE CITY AND BOROUGH OF JUNEAU
REGULAR MUNICIPAL ELECTION, OCTOBER 3, 2017
Completely fill in the oval to the right of the selection you choose: ☐

Proposition 2: Charter Amendment

The CBJ Charter is written as follows:

Section 9.14. - Competitive bidding.

- (a) The assembly by ordinance shall provide for competitive bidding and procedures for competitive bidding.
- (b) Contracts for public improvements and, whenever practicable, other purchases of supplies, materials, equipment, and services, shall be by competitive bid and awarded to the lowest qualified bidder. This subsection (b) shall not apply to purchases of:
 - (1) Professional services,
 - (2) Services of officers and employees of the municipality acting within the scope of their office or employment,
 - (3) Services of officers and employees of the State of Alaska or the federal government if such services are provided pursuant to a written agreement with the employer,
 - (4) Services of students and members of the faculty of an accredited high school, college, or university if such services are provided pursuant to a written agreement with the school, or
 - (5) Services of members and employees of a nonprofit corporation registered as such with the State of Alaska, if:
 - (A) The services are provided pursuant to a written agreement with the corporation, and
 - (B) The total amount paid by the municipality divided by the number of hours of service provided by the members and employees of the corporation does not exceed double the minimum hourly wage established by the Alaska Wage and Hour Act.
 - (6) Public improvements which, upon a written finding by the Manager that it would be in the best interests of the City and Borough based on cost, timing, and other relevant criteria, may be procured by supplemental agreements amending existing capital improvement contracts. The maximum dollar amount, the criteria utilized, and the methodology shall be set by ordinance.
- (c) All contracts and purchases exceeding an amount to be established by ordinance shall require prior assembly approval.

Proposition 2

Shall Section 9.14 section (b), item (6) of the Charter of the City and Borough of Juneau, Alaska, be amended as set forth in Ordinance No. 2017-14, to add the following underlined words?

- (6) Public improvements which, upon a written finding by the Manager that it would be in the best interests of the City and Borough based on cost, timing, and other relevant criteria, may be procured by supplemental agreements amending existing capital improvement contracts, competitive sealed proposals, or by other alternative procurement methods adopted by the assembly by ordinance. The maximum dollar amount, the criteria utilized, and the methodology shall be set by ordinance.

For The Amendment ☐

Against The Amendment ☐



Engineering & Public Works Department

155 South Seward Street

Juneau, Alaska 99801

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

DATE: January 10, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: John Bohan, P.E.
Chief CIP Engineer

SUBJECT: Capital Transit Low No Grant Appropriation - \$1.350 million

Capital Transit has been successful in obtaining a \$1.35 million grant for purchase of an electric bus, charger and construction of associated charging infrastructure from Alaska Transit division of Alaska Department of Transportation. The required match for CBJ is \$233,735, which is funded out of the Capital Transit Equipment Replacement fund. This grant is for Capital Transit's second electric bus and is anticipated to be added to Transit's fleet in 2022.

Recommendation

Staff requests the above Appropriation request for the Low No Grant 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: January 10, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: John Bohan, Chief CIP Engineer and Water Superintendent

SUBJECT: Appropriation Request: Waste Management Consolidated Recycleworks Facility

Staff requests an appropriation of \$1 million from the Waste Management Fund Balance to fund the remaining amount needed to construct the Consolidated Recycleworks Facility, located on the Waste Management Landfill property. The sale of the Hazardous Household Waste (HHW) building on Shaune Drive to the Alaskan Brewery for \$1.090 million will occur, after completion of the new consolidated facility, in January 2021. The Waste Management Fund balance will receive the proceeds of the HHW building sale.

The funds will be appropriated into the Recycleworks Consolidated Facility CIP - D77-001. The new balance in the CIP after the \$1million appropriation will be \$2.3 million.

Recommendation

Staff requests the above Appropriation request 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: January 10, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: John Bohan, Chief CIP Engineer and Water Superintendent

SUBJECT: Transfer Request: Aspen Avenue Road Reconstruction

Staff requests a transfer of \$450k of from the following CIPs to provide the necessary funding for the reconstruction of Aspen Avenue from Taku to Mendenhall Boulevard. Additional water and sewer infrastructure repair work was discovered and the construction cost estimate came in higher than anticipated. Bid documents are being prepared with anticipation of bidding the project during the month of February. The current construction estimate is \$1.3 million.

Transfer from

CIP	Transfer Amount	Balance After Transfer	Project Status
R72-131 – Birch Lane	\$400,000 (375k SST, 25k Water)	\$140k	Final completion/punch list in spring 2020 – project closeout
U76-115 – Kaiser Forcemain	\$50,000	\$300k	Project closeout
Total Amount to Transfer	\$450,000		

<u>Transfer to</u>	<u>Amount</u>	<u>CIP End Balance</u>
R72-143 – Aspen Avenue – Mend to Taku	\$450,000	\$1,550,000

Recommendation

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

EGAN / YANDUKIN



Intersection Improvements

Egan Drive and Yandukin Drive Intersection Improvements Project

January 15, 2020

CBJ Public Works Committee



Intersection Statistics

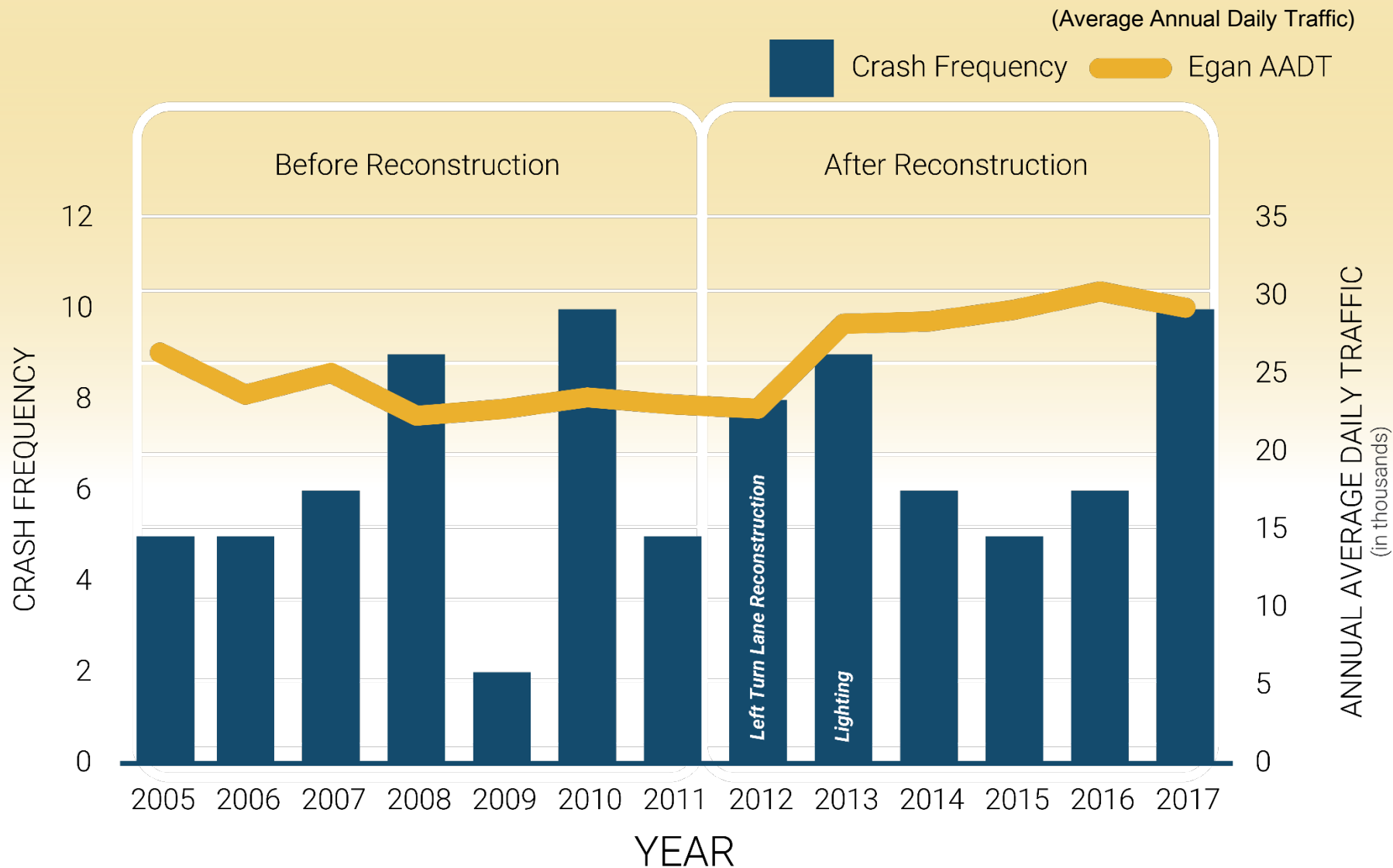


8th highest for total crashes in Juneau
0 fatalities at the intersection

46% of crashes involve vehicles making
left turns

Over **50%** of crashes occur in
November, December, and January

Intersection Improvement History



Number of Crashes at Egan Dr./Yandukin Dr. Intersection (2005 – 2017)

Not weighted by crash severity

Public Comments



“Safety is number one priority. Cost, inconvenience, or any other issue is secondary or tertiary. Light, roundabouts, over passes, walking bridges, elevated roads - whatever will be safe is the solution...”

– Anonymous

“We don't need an overpass: too expensive, too extensive for an average number of accidents.”

– B.W.

“I don't support a stoplight at the intersection because it will slow traffic too much both ways.”

– J.H.

Public Comments continued...

"I have concerns regarding both safety and convenience. I also sometimes notice for traffic across the intersection, which can be especially dangerous in the winter months."

– P.K.

"As a commuter via this route I would like to see more safety especially during dark months while this deciding process for the long term evolves."

– D.C.

"Honestly, any change to improve the safety of this intersection will be greatly appreciated"

– M.C.

Project Purpose & Need

Improve safety and connectivity for transportation users, provide access for pedestrians and bicyclists, and maintain acceptable traffic flow around the intersection of Egan and Yandukin Drives.



Safety



System Connectivity



Traffic Delay



Non-Motorized Access



Economic Growth

Improving Safety and Traffic Flow



DOT&PF is actively working on two efforts for corridor-scale safety and connectivity improvements.

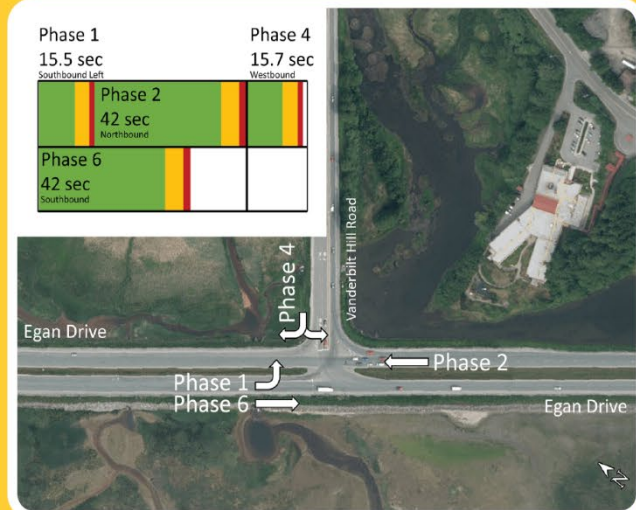
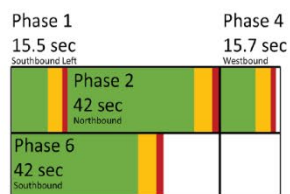
- Potential interim improvements
- Long-term improvements

Potential Interim Solutions

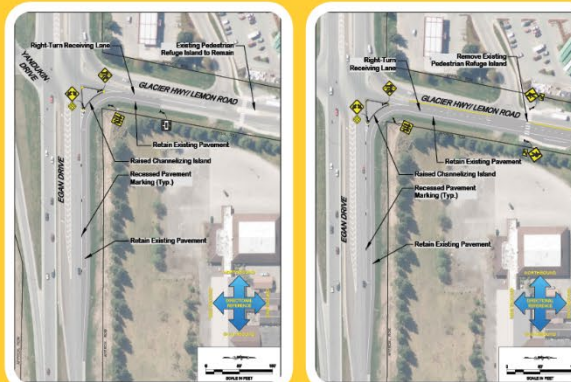
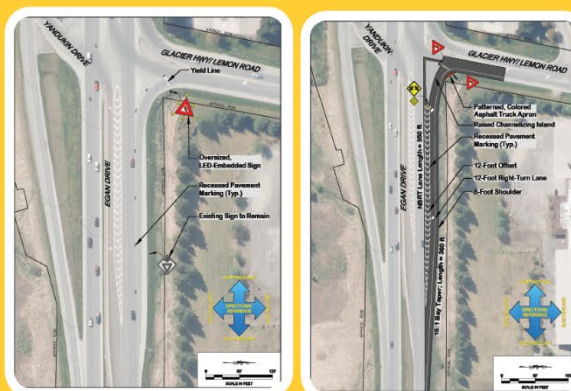
DOT&PF is analyzing ways that the intersection can be improved without major construction.



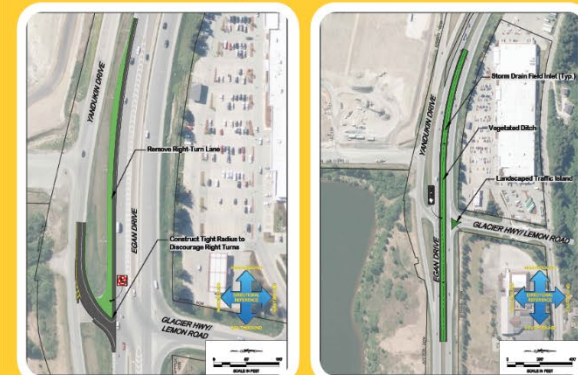
Provide more frequent gaps in traffic



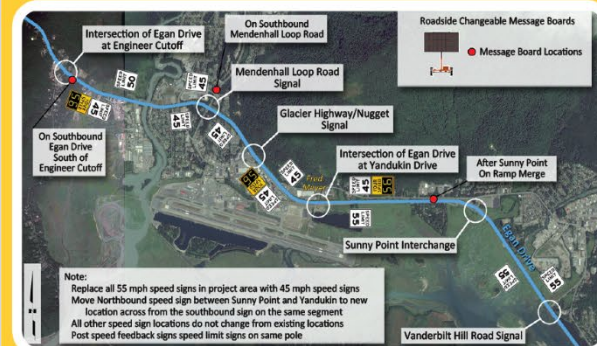
Reduce conflicts between turning vehicles



Eliminate turning movements



Reduce speeds to reduce crash severity

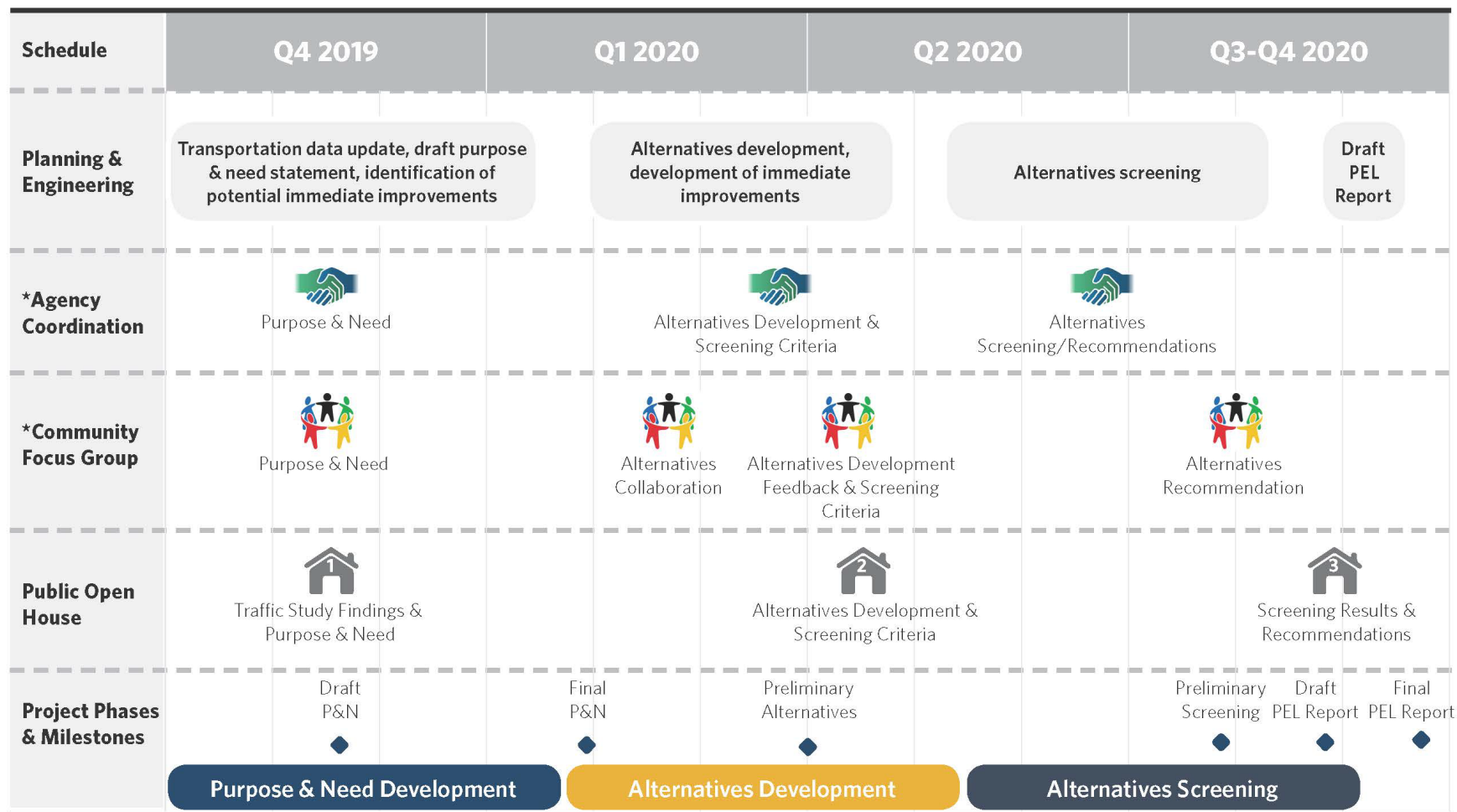


Long Term Improvement Options

Cost effective options that meet the project needs



Egan/Yandukin Improvements Timeline



* Additional agency coordination and community focus group meetings will be scheduled as needed

Rev: November 3, 2019



When Can We Expect Construction?

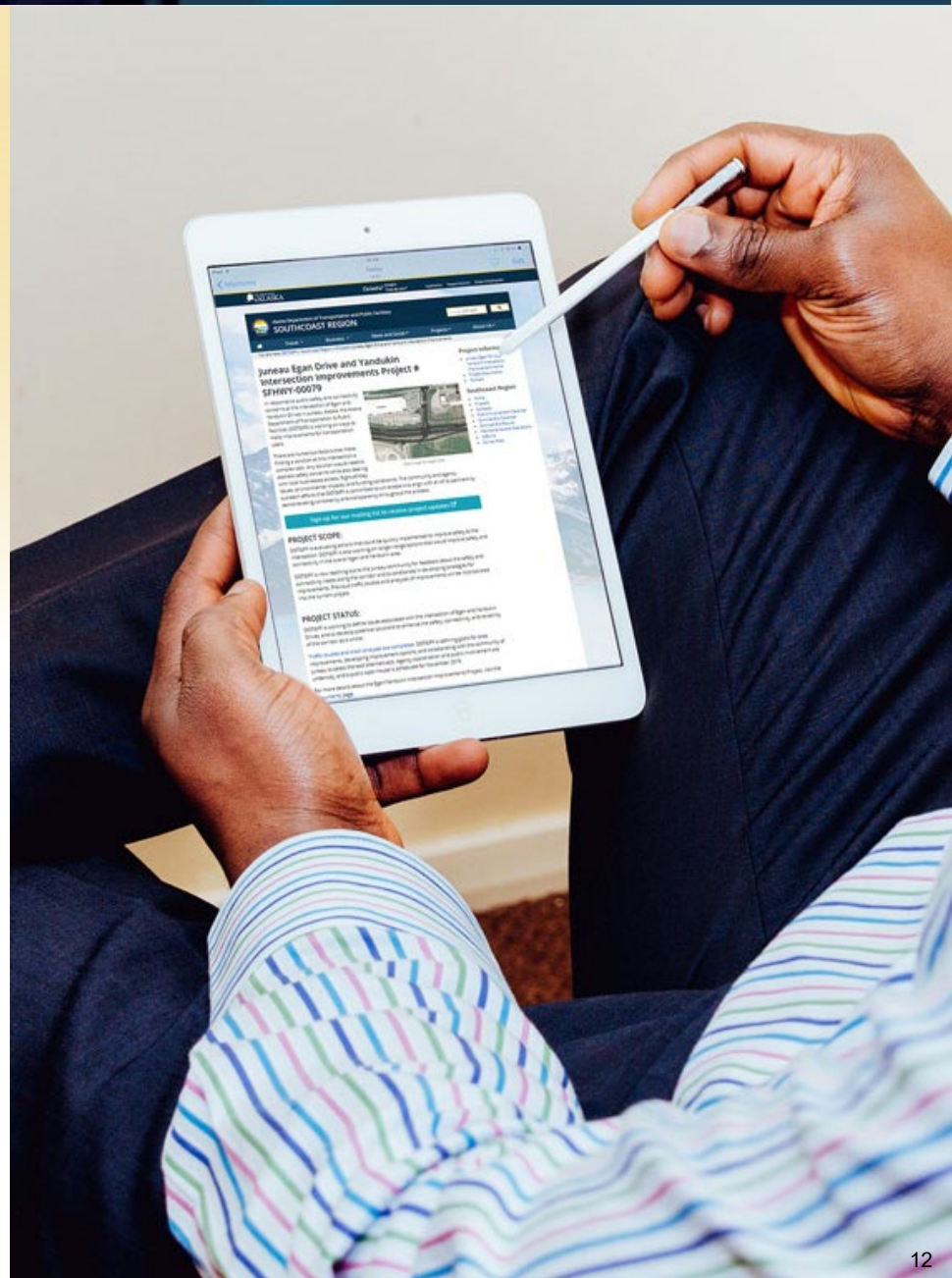
There are still several major steps to take before a project can be constructed:

- Final recommended alternative(s) identified
- Recommended solutions to turn into project(s)
- Funding (i.e. Highway Safety Improvement Program nomination)
- Right-of-way
- Permitting
- Construction phasing & planning



Next Steps

- Stay tuned for future public opportunities
- Sign up for project updates
- Keep informed
- Share project information
- Help us communicate accurate information



EGAN / YANDUKIN



Intersection Improvements

Q&A

EGAN / YANDUKIN



Intersection Improvements

Thank you for your participation

James Brown, DOT&PF



Phone: (907) 465-1796



Email: eganyandukin@alaska.gov



Website: <http://dot.alaska.gov/eganyandukin>



Engineering & Public Works Department

155 South Seward Street

Juneau, Alaska 99801

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

DATE: January 15, 2020

TO: Michelle Hale, Chair
Public Works and Facilities Committee

FROM: John Bohan, Chief CIP Engineer and Water Superintendent

SUBJECT: FY 21 Capital Improvement Program Schedule

The schedule for the FY 21 Capital Improvement Program (CIP) is as follows:

by January 31: Preliminary draft of the FY21 CIP Resolution will be provided to the Assembly for review

February 25: Preliminary Draft of the FY 21 CIP Resolution to be reviewed by the Planning Commission

March 2: Preliminary FY 21 CIP presented to the PWFC for review and discussion and forwarding to the Assembly and Finance Committee

by April 5th: the Charter requires the Preliminary CIP must be presented to the Assembly

by May 1st: the Charter requires the Assembly hold a public hearing on the CIP

MEMORANDUM

TO: Robert Barr
 Acting Engineering & Public Works Director

FROM: Greg Smith
 Contract Administrator

Date: January 9, 2020

SUBJECT: Contracts Division Activity
 December 4, 2019 to January 8, 2020

Current Bids – Construction Projects >\$50,000

BE20-024	Household Hazardous Waste Facility	Estimate \$1,750,000, bid opening 1/28/2020
BE20-020	JNU Terminal Reconstruction	Estimate \$16,830,000, bid opening 01/09/20
BE19-148	Downtown Wayfinding & Interpretive Elements	Estimate \$300,000.00, Four bids received. Island Contractors low bidder. \$292,250. Award in progress.
BE20-022	Douglas Highway Water Main Replacement – Phase II	Estimate \$3,457,000, bid opening 01/22/20
BE20-170	Savikko Road Improvements	Estimate \$940,000, bids due 1/29,2020
BE20-129	JNU Exit Security Lanes Project	Estimate \$350,00, bids due 1/14/2020

Current RFP's – Services

RFP E20-154	Design and CA/I Services for Capital Transit Electric Bus Upgrades	Two proposals received, DOWL and Morris Engineering. Morris Engineering is the successful proposer. In fee negotiations.
CFA E20-140	Call for Artist- Three Downtown Art Panels	Proposals due by 01/24/2020
RFP E20-137	Design Services for Marine Park Lightering Float Deckover Project	One proposal was received, negotiations in process with PND, Engineers.
RFP E20-133	Design and CA&I for Capital City Fire Stations Mechanical Upgrades	One proposal was received. Award in progress to PDC Engineers.
RFP E20-163	Design and CA&I for JPD and Downtown Library HVAC Controls Upgrades	Proposals due by 01/09/20
RFP E20-183	CA&I for the Household Hazardous Waste Facility	Proposals due by 01/28/20

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

PA 10 to E17-166(JYW)	Design and CA/I for Glacier Fire Station Siding Replacement	NTP issued to Jensen Yorba Wall on 12/09/19 for \$46,945.
Am 1 to RFP E20-092	Design for Hospital Drive Reconstruction	NTP for Amendment 1 issued to DOWL on 12/17/19; \$131,745 for full design services
CCO 1 to BE19-173	Rainforest Recovery Center Detox Addition-	CCO1 to AK Commercial Contractors, \$63,518.00

Contracts Division Activity
December 4, 2019 to January 8, 2020

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

PA 7 to RFP E18-164	CBJ 7 Mile Shop Gate Operators	PA 7 for Alcan Electric for \$49,650.00. In progress
PA 8 to E18-164(AKE)	MVWWTP IPS VPD Installation	Alaska Electric, \$36,244, NTP issued on 12/09/19

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

PA 6 to E19-122(C)	BRH Telemetry System Upgrades	NTP issued to Carver Construction on 12/3/19 for \$28,168
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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 Administration1
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