



TRANSMITTAL MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, City Manager

DATE: February 17, 2021

RE: **Change Order No. 1 (Final) to Contract No. 20-28 –
Schoenbar Culvert Temporary Stabilization, Log Jam Construction**

At its meeting of November 5, 2020, the City Council adopted a motion accepting the bid of Log Jam Construction in the amount of \$191,054.50 for Contract No. 20-28, Schoenbar Culvert Temporary Stabilization. The motion adopted by the City Council also established a ten percent contingency in the amount of \$19,105, bringing the total project cost to \$213,159.50.

Attached for City Council review is Change Order No. 1 (Final) to Contract No. 20-28. If approved by the City Council, the change order finalizes bid quantities for the project that results in a net cost reduction of \$57,796.64. Project Inspector/EIT Karlee Miller's transmittal memorandum is attached and requires no elaboration on the part of my office. I concur with Ms. Miller's recommendation.

Acting Public Works Director Kara Jurczak will attend the City Council meeting of March 4, 2021, in order to address any questions and/or concerns that Councilmembers may have.

A motion has been prepared for City Council consideration.

RECOMMENDATION

It is recommended the City Council adopt the motion approving Change Order No. 1 (Final) to Contract No. 20-28, Schoenbar Culvert Temporary Stabilization, between the City and Log Jam Construction providing a net credit of \$57,796.64; reducing the contract amount from \$191,054.50 to \$133,257.86; and directing the City Manager to execute the change order on behalf of the City Council.

Recommended Motion: I move the City Council approve Change Order No. 1 (Final) to Contract No. 20-28, Schoenbar Culvert Temporary Stabilization, between the City and Log Jam Construction providing a net credit of \$57,796.64; reduce the contract amount from \$191,054.50 to \$133,257.86; and direct the City Manager to execute the change order on behalf of the City Council.

MEMORANDUM

TO: Karl Amylon, City Manager
CC: Lacey Simpson, Assistant City Manager
FROM: Karlee Miller, Project Inspector/EIT
VIA: Kara Jurczak P.E., Acting Public Works Director
DATE: February 17, 2021
SUBJECT: **Contract No. 20-28 Schoenbar Culvert Temporary Stabilization
Change Order No. 1 (Final)**

In adopting the 2020 General Government Budget, the City Council appropriated local funds in the amount of \$500,000 to design and construct improvements to the Schoenbar Creek Culvert. The existing culvert is 12 feet wide by 8 feet tall and is the longest culvert in the City, spanning 475 feet in length. The age of the culvert is 60+ years old and it has experienced severe corrosion issues.

In 2019 a pilot project was performed that replaced the bottom of the culvert with shotcrete for approximately 100 feet at the upstream end of the culvert. While the pilot project was successful, during construction a tremendous amount of groundwater was observed flowing around the sides and boiling up from the bottom of culvert, which increased farther downstream. For this reason, continuing this method of permanent rehabilitation on the remainder of the culvert was ruled out. Upon inspection of the culvert in September 2020, after the extremely wet summer, it became immediately apparent that the pace of the culvert deterioration had substantially increased. The material loss that was once confined to the non-structural bottom was noted as starting to spread up one side of the culvert. In addition, in the areas where material loss was noted in the bottom of the culvert, further scour of the stream bed below the culvert was also noted. As a result of the accelerated pace of deterioration, staff designed a project to pump concrete into the culvert bottom to temporarily stabilize the scour areas and provide support where the sides had started to rot to buy a little more time for a permanent rehabilitation to be designed, permitted, and funded.

On November 5, 2020 the City Council awarded Contract 20-28 Schoenbar Culvert Temporary Stabilization to Logjam Construction in the amount of \$191,054.50, with a ten percent contingency of \$19,105.00 for a total project cost of \$210,159.50. Notice to proceed was issued on November 17, 2020.

While the groundwater and winter weather were challenging, the project was completed and successful in temporarily stabilizing the bottom of the culvert. The attached Changer Order No. 1 (Final) addresses changes in bid item quantities totaling a net deduction to the contract price of (\$57,796.64) for a final contract amount of \$133,257.86. Change Order

No. 1 (Final) is attached and details these changes. The remaining contract and contingency funds will be disencumbered following this change order.

RECOMMENDATION

It is recommended that the City Council adopt a motion approving Change Order No. 1 (Final) to Contract No. 20-28, Schoenbar Culvert Temporary Stabilization with a deduction in the amount of (\$57,796.64) for a final project cost of \$133,257.86; and directing the City Manager to execute the change order on its behalf.

Recommended Motion: I move the City Council approve Change Order No. 1 (Final) to Contract No. 20-28, Schoenbar Culvert Temporary Stabilization with a deduction in the amount of (\$57,796.64) for a final contract amount of \$133,257.86; and direct the City Manager to execute the change order on behalf of the City Council.

Attachments:

20-28 Change Order No. 1 (Final)



City of Ketchikan
Public Works Department / Engineering Division
2930 Tongass Avenue / Ketchikan, AK 99901

February 16, 2021

Log Jam Construction
5110 Surprise Beach Court
Ketchikan, AK 99901

RE: CHANGE ORDER NO. 1 (FINAL)
CONTRACT NO. 20-28 / SCHOENBAR CULVERT TEMPORARY STABILIZATION

This Change Order #1 modifies the original contract amount to account for the additional work added to the Contract and for deductions to the Contract created by under runs in work quantities as detailed in the attached Changer Order 1 (FINAL) spreadsheet. Additional work included additional concrete stabilization of the last 15 feet of the culvert including the construction of a temporary access ramp to place a temporary dam to restrict the waters of Ketchikan Creek from entering the outlet of Schoenbar Culvert for concrete placement; and an additional day of bypass pumping to allow for a LIDAR scan to be completed on the culvert.

TOTAL CHANGE ORDER NO. 1		AMOUNT	
Original Contract:	\$191,054.50	Previous Total:	\$191,054.50
Previous Addition:	-	This Change Order:	(\$57,796.64)
Previous Deduction:	-	New Total:	\$133,257.86
Original Contract Time:	January 15, 2021	New Contract Time:	February 27, 2021

The above amount covers all work in connection with this change. Your acceptance and the Owner's acceptance shall constitute and become a part of your contract with the City of Ketchikan dated November 17, 2020. The above changes shall be subject to the same term and conditions contained in said contract and shall be made in accordance with the drawings and specifications of the Engineer.

APPROVALS

(CONTRACTOR SIGNATURE)

Kyle V. Heaton 2/17/2021

(PRINTED NAME)

DATE

Kara Jurczak

Kara Jurczak
C=US, E=karaj@ktl-ak.us, O=CKIn,
OU=Public Works, CN=Kara Jurczak
2021.02.16 15:40:39-09'00'

(PROJECT ENGINEER SIGNATURE)

Kara Jurczak 2/16/2021

(PRINTED NAME)

DATE

NOTE: All changes in work done on this contract must be reported to and accepted by the Owner before extras will be authorized.

ACCEPTED BY OWNER: CITY OF KETCHIKAN

DATE

CITY OF KETCHIKAN

Contract 20-28: Schoenbar Culvert Temporary Stabilization

Bid Item	Description	Quantity	Type	Log Jam Construction		Project Totals		Change Order 1 (FINAL)	
				Unit Price	Total Cost	Unit	Amount	Δ Unit	Amount
1	Mobilization	1	LS	\$ 16,000	\$ 16,000	1.00	\$ 16,000.00	0.00	\$ -
2	Traffic Control	1	LS	\$ 7,500	\$ 7,500	1.00	\$ 7,500.00	0.00	\$ -
3	Engineer Directed Work	20	HR	\$ 300	\$ 6,000	18.30	\$ 5,490.00	-1.70	\$ (510.00)
4	Concrete (Placed)	75	CY	\$ 1,980.72	\$ 148,554.00	24.00	\$ 47,537.28	-51.00	\$ (101,016.72)
5	Pipe Penetration Repairs	1	LS	\$ 13,000.50	\$ 13,000.50	1.00	\$ 13,000.50	0.00	\$ -
	<i>Modifications - Outlet Stabilization</i>					1.00	\$ 43,730.08	1.00	\$ 43,730.08
				TOTAL	\$191,055			Net Change	\$ (57,796.64)
MP#1 Outlet Stabilization \$ 43,730.08 LS MP#2 Bypass Pumping for Culvert Scan \$ 5,000.00 EDW									
								Original Contract	\$ 191,054.50
								CO1 (FINAL)	\$ (57,796.64)
								FINAL CONTRACT	\$ 133,257.86

November 5, 2020

informed of the COVID Clean Program that Ms. Schofield has put together which she is more than willing to share with the cruise lines. He felt it was in the best interest of the community to move ahead and get the COVID Clean Program to the cruise lines for their review to actively engage them. He said we need to also have the EOC and the Port Director start the framework of what the plan would look like for COVID infected passengers to be moved out of the community. He felt there should be a high level of urgency as we move through this to come up with concrete ideas, engage the lines and get their feedback, and at the same time engage the community as to their concerns and suggestions.

Mayor Sivertsen said if it is appropriate and your group agrees, we could have a report in every Council packet under FYI.

Councilmember Flora said the community would like to have all viewpoints heard, and the earlier the better so they can be addressed.

Ongoing Review and Discussion of State of Alaska COVID-19 Health Mandates – Councilmember Bergeron

Councilmember Bergeron said mandate 10, lowers the quarantine requirements, and he felt that was the wrong thing to do at this point in time.

Discussion of Signing and Joining a Public Letter on Behalf of Municipal Leaders Urging Members of Congress to Pass Federal Nondiscrimination Legislation – Councilmember Gage

Councilmember Gage said she had received an email and a phone call from this group “Freedom for All Americans”. She indicated it was a by-partisan campaign for comprehensive nondiscrimination laws for the LGBTQ Americans. She said it is asking Council for support since we passed nondiscrimination ordinance to join with 27 other groups to ask the Federal Government to pass laws for these Americans. She encouraged the Council to support sending this letter in order for people to feel safe within our Country.

Councilmember Gass questioned exactly what we would be asking for.

Councilmember Gage clarified we would be sending the letter that was attached in this agenda item. She said it would be unifying non-discrimination laws, and asking the Federal Government to sign the current bills on the floor.

Award of Contract No. 20-28 – Schoenbar Culvert Temporary Stabilization – Log Jam Construction

Moved by Bradberry, seconded by Zenge the City Council accept the bid of Log Jam Construction in the amount of \$191,054.50 for Contract No. 20-28, Schoenbar Culvert Temporary Stabilization; establish a ten percent contingency in the amount of \$19,105, bringing the total project cost to \$213,159.50; authorize funding from the Streets Division’s 2020 Schoenbar Creek Culvert Repair Capital Account; and direct the city manager to execute the contract documents on behalf of the City Council.

Councilmember Bradberry felt this is a good temporary fix, but we need to find a long term fix.

Manager Amylon stated this has become a pressing priority, and the temporary fix is to avoid what would otherwise be a difficult situation. He said he agreed with Public Works Director Hilson's recommendation.

Councilmember Bradberry stated it seems we have enough evidence to show use by cruise passengers in this area, and felt we should start a conversation with CLIA for use of Commercial Passenger Vessel (CPV) funds for some amount of the cost of repairs.

Mayor Sivertsen stated he would be fairly cautious in the fact that we have would have to tie this directly to the docks, and he understands there will be future project discussions. He felt this may be a stretch for use of CPV funds.

Councilmember Bergeron thanked Councilmember Bradberry for bringing this up as part of negotiating is you have to ask, and we need to step out there and start talking about these projects with CLIA. He stated those passengers use our facilities throughout Ketchikan. He felt we need to be less conservative on how we approach industry with these projects, and we may need to expand the Port, as the Port is all of Ketchikan.

Manager Amylon said he didn't disagree with the suggestion, but he would like to bring the constraints the City is facing to the table. He said the General Government budget will be out next week and in there is a discussion of the decline of Port revenues that the City experienced this year, and realistically we may be looking at another two to three year recovery of cruise. He informed the City did not receive any CPV funds this year, and in 2021 we are likely to receive significantly less than we received in 2019. He said one thing we have that will not go away is the Berth III debt service and the Berth IV lease payments. He indicated staff has tried to set up the budget as such if we do experience a delayed return to cruise we are going to need those CPV funds as a reserve to have them available for our Port obligations. He felt we may not have CPV funds to even ask cruise if we could use them for the Schoenbar culvert given the immediate financial realities and obligations of the Port.

Councilmember Bradberry said if we did get some cruise next year, could we start a fund for this particular project.

Manager Amylon said he doesn't disagree and has already had conversations with CLIA, and given the condition of the culvert he didn't know if the City had two or three years.

Public Works Director Hilson informed three years would be problematic. He said the long term fix is scheduled for 2021. He felt the short-term fix may add a little time, but he didn't see adding three years at this point.

Manager Amylon said he was not adverse to doing that, and would discuss it with CLIA. He stated he wanted to make sure the Council understood the financial constraints the City is operating under.

Public Works Director Hilson answered questions from the Council in regards to the Culvert project itself.

Motion passed with Bergeron, Flora, Bradberry, Zenge, Gage, Kiffer and Gass voting yea.