

Holly Street Creek Bank Repair – Change Order #2 - Mullins

Action to be taken: I move the board approve the Holly Street Creek Bank Repair - Change Order #2 from Mike McClung Construction Co., in the amount of \$152,399.85 plus \$15,392.38 WSST for a total of \$167,792.23

Each proposal request listed on the attached Change Order No.2 has been reviewed by the District Construction Coordinator for the project. Cost proposals were reviewed and reduced where possible and as proposed represent an equitable charge for the scope of work involved.

CR-5: Additional cost related to added slash requested to be added to the design during the USACE permit review.

- Slash was requested to be added to the design during the USACE permit review by Dr. Martin Fox with the Muckleshoot Tribe, if not added permit would not have been approved. Nelson Geotechnical Associates worked with ISD, USACE and the Muckleshoot tribe to locate the slash within the design for permit approval as this material was not originally in the scope or required. An updated Revision 2 - USACE permit set of drawings dated 7/20/22 was issued to the Contractor to incorporate this change (reference Sheet C-300 and detail 8/C-311).

CR-6: Additional cost related to added filter fabric behind root-wad/cobble structure to keep creek bank secure.

- During onsite field discussion, it was determined that filter fabric should be installed behind the cobbles and creek bank wall to keep the bank behind the structure secure. This was not included in the original drawings; Nelson Geotechnical Associates/ISD directed Contractor to supply and install filter fabric. An updated Revision 2 - USACE permit set of drawings dated 7/20/22 was issued to the Contractor to incorporate this change (reference detail 8/C-310).

CR-7: Additional cost related to additional labor and materials for Phase 2 and 3 cofferdam construction due to high water levels and deeper water at each end of the construction zones.

- The water levels of the creek were higher than are usually seen at this time of year due to the amount of rain we had in June and July; the creek at the north and south ends of the construction zone were much deeper than anticipated and the depths were not shown in the plans. To control the water flowing into the construction zone it was the cofferdam had to be installed in phases to allow proper containment of the work area for construction and safety of the fish and creek per the HPA (WDFW) permit parameters.
- **Phase 1** – Contractor had this phase included in their original bid and this included most of the perimeter of the coffer dam between the Creek and the Construction area.
- **Phase 2** – Contractor did charge for this work, which included additional supersacks, sandbags, pumps, turbidity curtains and labor. Due to the high levels of the water the supersacks between the creek and the construction area were being undermined by the channel scour causing the supersacks to fall into the work area and also water to enter into the work area. The Contractor ended up compartmentalizing the work area into 2 sections with an earth berm and steel sheets for dewatering of smaller work areas. When the earth berm was removed, additional labor hours were incurred as the Contractor had to hand trench the dirt from out and around the root-wad logs.
- **Phase 3** – Contractor did charge for this work, which included creating a platform of steel plates, cobbles, crane mats and ecology blocks had to be constructed to gain access to the northern area of the creek/bank. This area of water was much deeper than anticipated. A larger excavator had to be brought in so the bucket could reach into the creek at this area; stumps and debris had to be removed and steel plates were driven into the creek bed to create a secondary containment area for any turbid water that may escape from the work area. The supersack cofferdam was then installed and larger pumps were placed to dewater the work area.

CR-8: Additional cost related to added cobbles and boulders at ends of structure and at root wad bases.

- Per on-site field discussion, it was determined that the north and south ends of the root wad structure and a few locations at the front of the root wads needed additional protection to prevent undermining/erosion/scouring of the installed structure. Additional boulders and cobbles were requested to be placed in these locations as directed by Nelson Geotechnical Associates and the Owner. This was not included in the original drawings and was a field revision. Drawing quantities show 170CY = 255 tons of cobble (in Bid price), Contractor purchased 379.33 tons, less the 255 tons = 124.33 tons of cobble and 11 boulders for this additional work.

CR-9: Additional cost related to added 8" PVC storm drainage, connections and catch basin

- Existing storm drainage pipe is shown on the plans at a specific depth and location. The field conditions proved the pipe to be at a shallower depth than what the drawings show. Due to the area of excavation that needed to occur to install the creek bank repair and the conflict in the drawings, the pipe was unable to be protected and was therefore damaged. The Contractor notified ISD. The Civil Engineer/ISD came out to the site to verify pipe depth and determined that the survey is incorrect and does indeed show the storm drainage pipe deeper than it actually was in the field. Nelson Geotechnical Associates Inc, Latitude 48 Civil Engineering Consultants and ISD determined that approximately 105LF of pipe needed to be replaced and a new catch basin installed. A new drawing was issued with the verified and corrected depths for the new pipe (Reference Holly Street Storm Repair Markup dated 08.15.22/USACE permit 07/20/22 sheet C-300).

CR 10: Additional cost related to added 18" crushed rock under concrete paving

- The creek bank was cut back to create a bench in order to allow equipment access/reach at the north side of the creek and at the creek's edge during cofferdam installation. When re-compacting with the native fill in preparation for the concrete paving, the compaction tests were not meeting the 95% compaction rating. The Owner wanted to ensure that the parking lot have a strong structural base since it was in such close proximity to the edge of the creek bank. It was determined on site by Nelson Geotechnical Associates and ISD that the onsite material was not adequate for this application and asked the Contractor fill this area with native fill up to the last 2ft. The remaining 2ft would be filled with 18" crushed rock base (24" total as 6" was already included in the bid) in lieu of the native fill to ensure structural stability and acquire the compaction needed, the remainder of the native fill was hauled off. (Reference email dated 8/11/22).

CR 11: Additional cost related to the adjustment of temporary fencing

- On 7/30/22 - ISD asked the Contractor to move the temp fencing away from the adjacent building to allow the ISD Landscape Maintenance crew access the grassy area for mowing.
- On 8/8/22 - The City of Issaquah Inspector asked ISD to adjust the fencing at the south exit (loading dock) of the main building to allow the public an emergency exit pathway from the building and also hinder the public from entering the creek's construction area. Contractor had to adjust the temp fencing twice to accommodate the City Inspector and add additional fence panels to block off the construction area.

CR-12: Credit for the deduct of the parking lot striping

- ISD removed this portion of the contract from the Contractor since the whole parking lot of Holly Street Campus needs to be restriped.

CR-13: Additional cost related to added log connections and other landscape changes

- Original log lashing connections were shown around 100ea. During the USACE permit review, details were refined and additional log lashing connections were added that were not previously shown in the original design, totaling around 200+ log lashing connections. The Contractor could not separate original connections from new connections when installing in the field so they charged for the overtime it took to install the remainder of the log lashing connections.
- During the City permit review the City reviewer asked for additional plantings to be added in the buffer mitigation zones in order for the project to meet the plant species diversity goal. An additional 120ea plants/trees were added per their request.
- An Updated Revision 2 – USACE permit set of drawings dated 7/20/22 was issued to the Contractor to incorporate these changes.

CR 14: Additional cost related to the add surface mount fence posts to concrete along creek bank edge and concrete bases to all line posts everywhere else.

- There is a discrepancy between ISD and the Contractor regarding the fence detail in the drawings.
- Contractor thinks the line posts do not receive concrete bases because they are not called out.
- ISD says they do receive concrete bases as the other details note "Concrete Post Base" typical.
- ISD also requested that surface mount fence posts be installed on the concrete at the creek edge so the fence placement doesn't damage/interfere with the creek bank repair structure.

CR 15: Credit for the deduction of wheel stop install

- ISD removed this portion of the contract from the Contractor since the whole parking lot of Holly Street Campus needs to be restriped and we are hiring a separate Contractor for this work.

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| Original Contract Sum (without WSST) | \$793,321.00 |
| Original Contract Total including WSST | \$873,446.42 |
| Previous Contract Total including change orders and WSST | \$954,554.69 |
| Change Order #2 | \$152,399.85 |
| 10.1% WSST | \$15,392.38 |
| Total Change Order #2 | \$167,792.23 |
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| Revised Contract Total | \$1,122,346.92 |

The revised contract total is within the project budget.

Tom Mullins will be available to answer any questions the board may have regarding this recommendation.

Please scroll down to view Holly Street Creek Bank Repair - Change Order #2 (1 page).

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Change Order

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| PROJECT: <i>(Name and address)</i> Holly Street Campus CBR Issaquah, WA | CONTRACT INFORMATION: Contract For: General Construction Date: June 16, 2022 | CHANGE ORDER INFORMATION: Change Order Number: 002 Date: 9/30/22 |
| OWNER: <i>(Name and address)</i> Issaquah School district 5150 220th Ave SE Issaquah, WA 98029 | ARCHITECT: <i>(Name and address)</i> Cornerstone Architectural Group 6161 NE 175th Street, Ste 101 Kenmore, WA 98028 | CONTRACTOR: <i>(Name and address)</i> Mike McClung Const. Co PO Box 1189 Buckley, WA 98321 |

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)


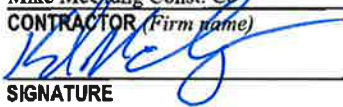
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| 1. Additional cost to add slash between logs per CR 05. | \$4,436.98 |
| 2. Additional cost to add filter fabric between existing slope and cobbles per CR 06. | \$5,689.61 |
| 3. Additional cost to construct cofferdam into phases due to riverbed water levels per CR 07. | \$103,368.10 |
| 4. Additional cost to for boulder closures at ends of rootwad structure per CR 08. | \$6,265.74 |
| 5. Additional cost to remove and replace old catch basin & 8" storm pipe per CR 09. | \$12,681.35 |
| 6. Additional cost to add imported structural fill under parking per CR 10. | \$8,685.26 |
| 7. Additional cost for temporary fencing per CR 11. | \$949.68 |
| 8. Credit to remove parking lot striping from contract per CR 12. | <-\$2,500.00> |
| 9. Additional cost for design revisions required by local agencies per CR 13. | \$11,960.10 |
| 10. Additional cost to modify base of fence posts to surface mount per CR 14. | \$2,164.50 |
| 11. Credits for wheel stops and other miscellaneous items per CR 15. | <-\$1,301.47> |
| Total for change order No. 2 | \$152,399.85 |

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| The original Contract Sum was | \$ 793,321.00 |
| The net change by previously authorized Change Orders | \$ 73,667.82 |
| The Contract Sum prior to this Change Order was | \$ 866,988.82 |
| The Contract Sum will be increased by this Change Order in the amount of | \$ 152,399.85 |
| The new Contract Sum including this Change Order will be | \$ 1,019,388.67 |

The Contract Time will be decreased by Zero (0) days.
 The new date of Substantial Completion will be 8-15-22

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

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| Cornerstone Architectural Group ARCHITECT <i>(Firm name)</i>  SIGNATURE Steve Barnes, Architect PRINTED NAME AND TITLE 9-30-22 DATE | Mike McClung Const. Co CONTRACTOR <i>(Firm name)</i>  SIGNATURE Kelson McClung, Project Manager PRINTED NAME AND TITLE 10/03/2022 DATE | Issaquah School district OWNER <i>(Firm name)</i> SIGNATURE Martin Turney, CFO PRINTED NAME AND TITLE DATE |
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