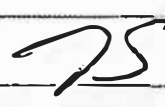


Contract Number 009573	Contract Title NE 132nd Street Interchange Project	Federal Aid Number N/A
Change Order Number 024	Change Description Woodlake Culvert Install	Date 5/19/23
Region NWR Megaprograms	Project Engineer Jim Slavicek  12/6/2023	Phone Number 425.247.6927
Prime Contractor / Design-Builder Graham Contracting LTD		
<input checked="" type="checkbox"/> Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications or the RFP <input type="checkbox"/> Change proposed by Contractor / Design-Builder		
<p>Evolution & Description Of Change</p> <p>DESCRIPTION OF CHANGE: This is a WSDOT initiated Change Order that compensates the Design-Builder in full for the installation of the Woodlake fish-passable culvert, located under the Woodlake Apartments driveway along 116th Place NE. Procurement of this culvert was addressed in previously executed Change Order 021: Woodlake Culvert Procurement.</p> <p>EVOLUTION OF CHANGE: During the in-water work fish window in 2022, after the Design-Builder had designed and constructed the fish passage stream section north of NE 132nd St on the downstream side, it was observed that the culvert still appeared to show a full water level and that sediment from the newly built partial sections of the stream had migrated and settled at the upstream end of this culvert.</p> <p>Since there was a significant amount of fish passage/stream construction that was completed in 2022 and there are still several hundred feet of stream work anticipated for the upcoming 2023 in-water work window, new sediment will transport downstream and continue to build-up in this culvert causing potential for future overflow and flooding.</p> <p>Site conditions and experience with early stage stream work revealed potential aggradation risk. Recent FEMA policy change exposed WSDOT to risk of flood liability. Per the Preliminary Hydraulic Design Report (Appendix H – contract document) and the JARPA (Appendix P), the existing conditions of the downstream section show that this project is not within a FEMA mapped floodplain. The Woodlake Apartment driveway culvert is under-capacity, which creates a backwater effect that is causing aggradation (deposition of sediment) in the restored channel and increasing the potential risk for flooding.</p> <p>Based on discussion with the State Hydraulics Director Julie Heilman, the FEMA Rescindment of Policy for Fish Enhancement structures has been in-place since 2020 which enforces WSDOT to conduct Flood Risk Assessments for all water crossings. This includes determining if there are any public health or safety concerns generated as a result of any water crossing project. Thus, with the proximity of this culvert to the neighboring Woodlake Apartment complex and adjacent to the project stream work, this recent policy requires a culvert replacement by WSDOT.</p> <p>Initial approvals were obtained with Change Order 21, Woodlake Culvert Procurement.</p>		

Distribution By: Project Office
 Copy of Change Records & Change Order w/Backup - Project Engineer
 Copy of ONLY Change Order - Prime Contractor / Design-Builder
 Electronic Copy of Change Records & Change Order w/Backup - State Construction Office
 Original of Change Records & Change Order w/Backup - Region Construction Office
Region
 Original of Change Records & Change Order w/Backup - State Construction Office

Contract Number 009573	Contract Title NE 132nd Street Interchange Project	Change Order Number 024
<p>Basis of Cost & Justification:</p> <p>The Design-Builder's (DB) final pricing for the culvert installation is \$1,530,000. WSDOT's Independent Cost Estimate for this work included input from subject matter experts across the categories of landscape, roadway, stream, structure, and utilities. The Independent Cost Estimate of \$1,421,382 was within 7.6% of the DB's pricing. The DB initially submitted excessive charges for overhead and markup, but WSDOT negotiated these costs down to a more reasonable level, resulting in the above pricing.</p>		
<p>Contract Time:</p> <p>This Change Order does not impact Contract Time.</p>		
<p>Prior Approvals:</p> <p>State Hydraulics Director Julie Heilman approved on 2/23/23 Fish Passage SME Alex Strom approved on 2/24/23 Project Engineer Jim Slavicek approved on 9/12/23 Construction Engineering Manager Evelyn Pao approved on 9/19/23 Assistant State Construction Engineer Derek Case approved on 9/12/23 Deputy State Construction Engineer Jon Deffenbacher approved on 9/13/23</p>		
<p>List Attachments:</p> <p>Change Order No. 24 Attachment "A" - Design-Build Change Order Checklist Attachment "B" - Approvals from State Hydraulics Director, Fish Passage SME, PE, Construction Engineering Manager, Assistant State Construction Engineer, and Deputy State Construction Engineer</p>		

Distribution By:

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Region

- Original of Change Records & Change Order w/Backup - State Construction Office

Cont. #: 009573	Cont. Title: NE 132nd Street Interchange Project	If Yes, Approval from State Construction Office Required
C.O. # 024n	C.O. Title: Woodlake Culvert Installationn	
I. Executed by the State Construction Office		
1.nCost or credit equal to or exceeding \$500,000.n		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.nChange in the contract documents beyond the scope, intent or termination of the original contract. *n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Non
3.nTermination of or Changes in Work Committed to DBEs.n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.nChange in contract time greater than 30 working days.n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
II. Executed by the Region		
5.nDetermination of impacts and/or overhead.n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.nDesign or construction work that does not comply with the Mandatory Standardsn		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.nA change to a Chapter 1 General Provisions.n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8.nA change to a technical requirement in any of the following sections: Geotechnical, Environmental,n Pavement, Project Documentation, Bridges and Structures, Control of Materials, Minority, Small,n Veteran and Women's Business Enterprises (MSVWBE) Goals, Quality Management Plan, or WSDOTn Standard Specifications.n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.nDetermination of changed condition (Section 1-04.7 of the Request For Proposal).n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Settlement of a claim (Section 1-09.11(2) of the Request For Proposal).n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Repair of damage regarding "Acts of God" or "acts of the public enemy or of government authoritiesn (Section 1-07.13 of the Request For Proposal).n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
12.A "no-cost" change based upon a determination of "equal or better".n		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Approvals obtained:

Project Engineer: **(REQUIRED)** Jim Slavicek Date: 9/12/23
 Region: **(REQUIRED)** Evelyn Pao Date: 9/19/23
 State Construction Office: Derek Case/Jon Deffenbacher Date: 9/12/23, 9/13/23

To be completed by the Project Engineer :

CO Reason(s) (See CO Code Selections and Definitions on the State Construction SharePoint page): AE, 09, EV, DS

Change Order Prepared By: John Granillo-Dodds Date: 9/5/23

- Has change been entered as lesson learned? Yes No N/A
- Has design documentation been updated? Yes No N/A
- Is change approved by program management? Yes No N/A
- Is this project under full FHWA stewardship oversight (Project Of Division Interest)? * Yes No N/A
- Is the change eligible for Federal participation? Yes No N/A

Region must note their approval by making an entry in the ECM.

This form represents the minimum information required by the State Construction Office. **

*1 Per RCW 47.28.050, any change beyond \$7,500 that is beyond the original scope shall go through the competitive bidding process.n

**2 Projects of Division (PODI) require FHWA approval as outlined in the project specific PODI agreement.n

**3 Changes that do not meet any of the itemized criteria above may be executed by the PE with Region approval.n

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

DATE: 09/27/23
PAGE 2 of 52

CONTRACT NO: 009573

CHANGE ORDER NO: 24

All work, materials, and measurements to be in accordance with the provisions of the Standard Specifications and Special Provisions for the type of construction involved.

This contract is revised as follows:

Any references to provisions of Division 1 of the Standard Specifications contained herein shall be deemed to refer to the appropriate provisions of the Request for Proposal (RFP) and other Contract Documents. Any references to Prime Contractor or Contractor contained herein shall be deemed to refer to the Design-Builder.

DESCRIPTION OF WORK:

This is a WSDOT initiated Change Order in accordance with Section 1-04.4 of the RFP. This Change Order compensates the Design-Builder in full for the installation of the Woodlake fish-passable culvert, located under the Woodlake Apartments driveway along 116th Place NE. Procurement of this culvert was addressed in previously executed Change Order 021.

DESIGN REQUIREMENTS:

The preparation and approvals of the necessary Released for Construction Plans and Specifications for all the work described herein shall be in accordance with the RFP and the approved Quality Management Plan.

CONSTRUCTION REQUIREMENTS:

The construction requirements for all items related to this Change Order shall be in accordance with the appropriate Standard Plan, RFP and Released for Construction Plans and Specifications as revised by this Change Order.

The Design-Builder shall perform all Work necessary to construct a fish-passable structure and channel, and restoration of natural drainage course in accordance with all the plan sheets included as pages 4 of 52 through 52 of 52 of this Change Order and RFP requirements.

This Change Order includes all labor, equipment, materials, and traffic control necessary for the replacement of the culvert.

MATERIALS REQUIREMENTS:

All documentation for approval and acceptance for material incorporated into this project through this Change Order shall be in accordance with Section 2.25 of the RFP prior to payment.

MEASUREMENT:

The unit of measurement for this Change Order will be Lump Sum. One new pay item shall be established by this Change Order based on a lump sum dollar cost for the work completed.

PAYMENT:

The new pay item, "Woodlake Culvert Install" for the lump sum of \$1,530,000 shall be full pay for all costs, including incidental costs, incurred by the Design-Builder due to the work described herein.

CONTRACT TIME:

This Change Order does not impact Contract Time.