Attached for review and further processing is PE recommended Change Order No. 22. This change order compensates the Contractor for Work method changes and added Work required to replace longitudinal anchor cables on the I-90 Floating Bridges due to Differing Site Conditions.

This Contract provides for the replacement of 32 anchor cables on the I-90 Floating Bridges. Page 176 of the Special Provisions requires the Contractor to submit a Type 2E Working Drawing consisting of an anchor cable installation plan. After further review of as-built plans of the I-90 Floating Bridges, it was determined that an additional anchor cable installation plan submittal was needed to address the geometric complexity of the longitudinal anchor cables. Subsequently, the Contractor incurred added engineering costs to develop an installation plan for the longitudinal cables.

After performing an underwater inspection of both bridges’ existing anchor cables, the Contractor found conditions not identified in the Contract Plans including lakebed debris, old ropes and abandoned cables conflicting with the longitudinal cables. In total, the Contractor identified Differing Site Conditions (DSC) on seven anchor cables (90/25S-L1-S, 90/25S-L2-S, 90/25S-L6-N, 90/25N-L1-N, 90/25N-L2-N, 90/25N-L6-S and 90/25N-L6-N). As a result, the Contractor was forced to redesign their longitudinal installation plan and incurred costs for unsalvageable material obtained for their previous plan.

The Contractor’s approved longitudinal anchor cable installation plan involves utilizing a second barge and additional equipment throughout the longitudinal installation process, which lasted from July 26, 2018 to October 13, 2018. The Contractor incurred added equipment rental, operating, crew and Subcontractor costs over the course of three months due to the need for a secondary barge.

On April 22, 2019, WSDOT agreed with the Contractor’s claims of multiple longitudinal DSCs. However, costs associated with the abandoned longitudinal anchor cable installation plan were determined to be partial fault of the Contractor since the plan was dependent on the Contractor’s means and methods. Therefore, WSDOT agreed to pay half of the cost associated with the abandoned plan.
### Basis of Cost & Justification:

New item “CO#22 Longitudinal Anchor Cables” will be paid at the agreed lump sum amount of $1,086,000.00. This shall be full pay for all labor, equipment, materials and associated cost necessary to perform the Work.

For further detail, please see the attached cost estimates addressing the abandoned longitudinal anchor cable installation plan and the new installation plan resulting from multiple DSCs.

The net amount for this change order is $1,086,000.00.

### Contract Time:

No additional working days were required for this Work. As a result, it is mutually agreed that an extension of time will not be granted as a result of this change order, and a written time impact analysis is not required.

### Prior Approvals:

Kevin Waligorski, Assistant State Construction Engineer, gave his approval on April 18, 2019

Cathy Arnold, NWR Engineering Manager, gave her approval on April 29, 2019.

Edward W. Kane, Project Engineer, gave his approval to proceed with this change order on April 22, 2019.

### List Attachments:

- Checklist
- Estimate
- Approvals
WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION

CHANGE ORDER

DATE: 04/29/19
Page 1 of 6

CONTRACT NO: 009151
FEDERAL AID NO: NHPP-0901 (497)

CONTRACT TITLE: I-90, FLOATING BRIDGES REPLACE ANCHOR CABLES
CHANGE ORDER NO: 22 LONGITUDINAL CABLE GEOMETRY

PRIME CONTRACTOR: AMERICAN BRIDGE COMPANY
1390 WILLOW PASS RD
SUITE 330
CONCORD CA 94520-5250

(X) Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications

( ) Change proposed by Contractor

ENDORSED BY: Brian A. Petersen
CONTRACTOR
30 APRIL 19
DATE

SURETY CONSENT:

ATTORNEY IN FACT

ORIGINAL CONTRACT AMOUNT: 5,755,000.00
CURRENT CONTRACT AMOUNT: 10,911,600.51
ESTIMATED NET CHANGE THIS ORDER: 1,086,000.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 11,997,600.51

Approval Required: ( ) Region ( ) Olympia Service Center ( ) Local Agency

( ) APPROVAL RECOMMENDED ( ) EXECUTED
PROJECT ENGINEER
Sherron W. Lane
5/1/2019
DATE

EXECUTED:
STATE CONSTRUCTION ENGINEER
May 15, 2019
DATE

( ) APPROVAL RECOMMENDED ( ) EXECUTED
REGIONAL ADMIN: Cathy Arnold
5-7-19
DATE

OTHER APPROVAL WHEN REQUIRED

SIGNATURE
DATE

REPRESENTING

CG02/04 (revised Feb 2005)
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:

DESCRIPTION
This change order compensates the Contractor for Work method changes and added Work required to replace longitudinal anchor cables on the I-90 Floating Bridges due to Differing Site Conditions.

CONSTRUCTION REQUIREMENTS
The Contractor shall replace longitudinal anchor cables in accordance with pages 4 through 16 of this change order.

MEASUREMENT AND PAYMENT
New item "CD#22 Longitudinal Cable Geometry" will be paid at the agreed lump sum amount of $1,086,000.00. This shall be full pay for all labor, equipment, material and associated costs necessary to perform the Work.

CONTRACT TIME
No additional working days were required for this Work. As a result, it is mutually agreed that an extension of time will not be granted as a result of this change order, and a written time impact analysis is not required.
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**TOTAL**: 1,086,000.00