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| Contract Number<br>009795  | Contract Title<br>SR 506, 1.5 Miles N Of Frontage Rd to I-5 Emergency Bridge Repair | Federal Aid Number<br>ER-STBG 2B04(001) |
| Change Order Number<br>005   | Change Description<br>Span 3 Replacement  | Date<br>11/10/2022                      |
| Region<br>SWR  | Project Engineer<br>Paul Mason  | Phone Number<br>360-740-8630            |
| Prime Contractor / Design-Builder<br>SB Structures, LLC  |   |   |
| <input checked="" type="checkbox"/> Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications or the RFP<br><input type="checkbox"/> Change proposed by Contractor / Design-Builder   |   |   |
| Evolution & Description Of Change<br>Change Order Proposed By – Engineer<br><br><p>This change order compensates the Contractor for replacing span three of Bridge 506/108 that was hit by an over height truck September 22, 2022. The Headquarters Bridge and Preservation Office (BPO) inspected the structure and determined that, at a minimum, replacing girder F before completing the replacement of span 2 of the bridge was needed. The BPO recommendation was removal of span 3 entirely and replacement with slab girders to increase clearance under the structure, to avoid future impacts. In a summary by Jon Deffenbacher, Deputy State Construction Engineer, conversations pertaining to the structural integrity of span 3 and how best to address the safety concern were had with HQ Construction, SW Region, and the Chief Engineer. All agreed that full removal of the NB span is preferred and have since determined replacement during this existing contract to be in the best interest of all parties in that it minimizes the closure duration for the traveling public, mitigates impacts that would otherwise be realized to the existing contract, and minimizes overall costs. To keep contract 9795 moving forward, the replacement of span 3 is being added by this change order.</p> <p>This change order adds the following new items, to compensate the Contractor for replacement of Span 3:</p> <p>“CO #5 BR 506/108 Span 3 Mobilization” lump sum.<br/>         “CO #5 Prestressed Conc. Girder 18-Inch Slab” lump sum.<br/>         “CO #5 Superstructure” lump sum.<br/>         “CO #5 Project Temporary Traffic Control” lump sum.</p> <p>The new item CO #5 Project Temporary Traffic Control is compensation for utilizing a DBE for the additional traffic control at the lump sum price shown on page 4 of this change order.</p> <p>This change order increases the quantity of the following item:</p> <p>Bid Item #9, ESC Lead, will be increased by 14 days.</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  
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**Basis of Cost & Justification:**

This change order increases the Contract by an estimated \$537,029.00

The contractor is entitled to additional compensation per Section 1-04.4 of the Standard Specifications as the work described is added work.

The Engineer's estimate of \$611,248.00 justifies the agreed to lump sum price of \$537,029.00 in the change order for the items "CO #5 BR 506/108 Span 3 Mobilization", "CO #5 Prestressed Conc." "Girder 18-Inch Slab", "CO #5 Superstructure", "CO #5 Project Temporary Traffic Control" all lump sums and the increased quantity for the Bid item 9 ESC Lead.

The lump sum pricing is for full compensation for all Work as described in this Change Order.

The Contractor agreed and certified that upon execution of this change order all claims or requests for compensation in any manner arising out of, or pertaining to, this project Work have been satisfied in full.

**Contract Time:**

The Contractor's attached revised schedule shows that the additional work affects the critical path. Girders for Span 3 are scheduled to be set on December 16, 2022. The project office has analyzed the contractor's revised schedule and the contractor agrees with an additional 35 working days being added to the contract for the work described in this change order.

**Prior Approvals:**

Colin Newell, SWR Construction Engineer, Jon Deffenbacher, Deputy State Construction Engineer, Paul Mason, P.E., Chehalis Area Engineer, gave their approval for this change order on October 20, 2022.

**List Attachments:**

Change Approvals

WSDOT BSO Estimate & Plans, Approvals, Schedule & Change Order Checklist (DOT Form 422-003)

Change Order Codes

AI, 01, UC, RS & SA

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

DOT Form 422-002

**Region**

Revised 10/2019 Original of Change Records & Change Order w/Backup - State Construction Office

WASHINGTON STATE  
DEPARTMENT OF TRANSPORTATION  
CHANGE ORDER

DATE: 11/10/22  
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CONTRACT NO: 009795 FEDERAL AID NO: ER-STBG 2B04(001)  
CONTRACT TITLE: SR 506, 1.5 MILES N OF FRONTAGE RD TO I- EMERGENCY  
CHANGE ORDER NO: 5 SPAN 3 REPLACEMENT

PRIME CONTRACTOR: [REDACTED] SB STRUCTURES, LLC  
8404 S 196TH ST  
KENT WA 98031-1884 WA 98168-0847  
SEATTLE

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

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|---|--|
| ENDORSED BY: <b>On Behalf Of Robert Scarsella</b><br><br><i>Signature on file</i><br><small>Julie Printz on Behalf of Robert Scarsella (Nov 10, 2022 12:17 PST)</small> | SURETY CONSENT:<br><br><i>Signature on file</i>              |
| CONTRACTOR SIGNATURE<br><br><b>Nov 10, 2022</b><br>_____<br>DATE  | ATTORNEY IN FACT<br><br><b>Nov 10, 2022</b><br>_____<br>DATE |

ORIGINAL CONTRACT AMOUNT: 832,363.00  
CURRENT CONTRACT AMOUNT: 951,113.00  
ESTIMATED NET CHANGE THIS ORDER: 537,029.00  
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 1,488,142.00

Signature Required: (X) Project Engineer (X) State Construction Engineer  
(X) Regional Administrator ( ) Other Agency

*Signature on file* Nov 14, 2022

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| <i>Signature on file</i><br><small>Ch [REDACTED] (Nov 10, 2022 13:54 PST)</small>                               | <i>Signature on file</i><br><small>Jon De [REDACTED]</small>                             |
| PROJECT ENGINEER SIGNATURE<br><br><b>Nov 10, 2022</b><br>_____<br>DATE  | STATE CONSTRUCTION ENGINEER SIGNATURE<br><br><b>Nov 15, 2022</b><br>_____<br>DATE        |
| REGIONAL ADMINISTRATOR SIGNATURE <b>On Behalf of Carley Francis</b><br><br><b>Nov 10, 2022</b><br>_____<br>DATE | OTHER APPROVAL WHEN REQUIRED<br><br>SIGNATURE _____ DATE _____<br><br>REPRESENTING _____ |

CONTRACT NO:009795

CHANGE ORDER NO: 5

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 OF WORK

This change order compensates the Contractor for replacement of span three of Bridge 506/108 as shown in attached plan sheets on pages 5 through 24 of this change order.

This change order adds the following new items, to compensate the Contractor for replacement of Span 3:

- "CO #5 BR 506/108 Span 3 Mobilization" lump sum.
- "CO #5 Prestressed Conc. Girder 18-Inch Slab" lump sum.
- "CO #5 Superstructure" lump sum.
- "CO #5 Project Temporary Traffic Control" lump sum.

The new item CO #5 Project Temporary Traffic Control is compensation for utilizing a DBE for the additional traffic control at the lump sum price shown on page 4 of this change order.

This change order increases the quantity of the following item:  
Bid Item #9, ESC Lead, will be increased by 14 days.

#### MATERIALS

The new items "CO #5 Prestressed Conc. Girder 18-Inch Slab" and "CO #5 Superstructure" shall be in accordance with the attached Signed plans 506 1.5 Miles N of Frontage Rd to I-5 Emergency Bridge Repair\_C009795 shown on pages 5 through 24 of this change order.

The new item "CO #5 Project Temporary Traffic Control" shall meet the requirements of Section 1-10.1(1) of the Standard Specifications.

#### CONSTRUCTION REQUIREMENTS

The new item "CO #5 BR 506/108 Span 3 Mobilization" shall meet the requirements of section 1-09.7 of the Standard Specifications.

The new items "CO #5 Prestressed Conc. Girder 18-Inch Slab" and "CO #5 Superstructure" shall be in accordance with the with the attached Signed plans 506 1.5 Miles N of Frontage Rd to I-5 Emergency Bridge Repair\_C009795 shown on sheets 5 through 24 of this change order.

The new item "CO #5 Project Temporary Traffic Control" shall meet the requirements of Section 1-10.2 of the Standard Specifications and the Contractor shall submit a Type 2 Working Drawing following requirements of section 1-10.2(2) Traffic Control Plans to the Engineer for approval.

#### MEASUREMENT and PAYMENT

All work associated with the "CO #5 BR 506/108 Span 3 Mobilization" will be paid at the lump sum price as shown on page 4 of this change order. This shall be full compensation for the additional mobilization and de-mobilization for the added work as described in this change order.

All work associated with the "CO #5 Prestressed Conc. Girder 18-Inch Slab" will be paid at the lump sum price as shown on page 4 of this change order. This shall be full compensation for the procurement and installation of the new girders as described in this change order.

All work associated with the "CO #5 Superstructure" will be paid at the lump sum price as shown on page 4 of this change order. This shall be full compensation for constructing the new span three of Bridge 506/108 as described in this change order and the quantities below.

CONTRACT NO:009795

CHANGE ORDER NO: 5

\*\*\* "CO #5 Superstructure" \*\*\* contains the following approximate quantities of materials and work:

\*\*\*

Drilled Hole For Dowel 33 L.F.  
Epoxy Coated St. Reinf. Bar 6,110 L.B.  
St. Reinf. Bar 1,432 L.B.  
Conc. Class 4000D 32 C.Y.  
Conc. Class 4000 5 C.Y.  
Elastomeric Bearing Pad 12 EACH  
Reinforced Concrete Curb And Railbase 87 L.F.  
Reinstalling Salvaged Existing Metal Bridge Railing 88 L.F.  
Reinstalling Salvaged Existing Beam Guardrail Type Thrie Beam 88 L.F.

\*\*\*

The quantities are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. No adjustments other than for approved changes will be made in the lump sum contract price for \*\*\* "CO #5 Superstructure" \*\*\* even though the actual quantities required may deviate from those listed.

All work associated with the "CO #5 Project Temporary Traffic Control" will be paid at the lump sum price as shown on page 4 of this change order. This shall be full compensation for labor, equipment, and materials for the added DBE traffic control as described in this change order.

Bid Item No. 9, ESC Lead, shall be paid at the per day contract bid price as shown on page 4 of this change order.

This shall be full compensation for all Work as described in this Change Order, and the Contractor by signing of this change order agrees and certifies that upon execution of this change order in the amount shown on page 4 any and all claims or requests for compensation in any manner arising out of, or pertaining to, this project Work have been satisfied in full.

#### CONTRACT TIME

This change order adds 35 working days to the contract time.