

APR 03 2015



Washington State
Department of Transportation

Memorandum

April 2, 2015

TO: J. Carpenter / M. Fleming *JK*
THRU: D. Whitehouse / B. White *WB*
FROM: *WS* W. Smith / K. Vaughn
SUBJECT: Contract 8127 - Snowshed to Keechelus Dam Phase 1C
State Project
Change Order No. 116 & 117 "East End Tie-In to 2A"

Attached for your review are the HQ approved and executed Change Orders No. 116 & 117 for this project.

Description of the Change: These change orders extend the ultimate Cement Concrete Pavement (CCP) roadway section (eastbound and westbound) from the Resort Cr. Bridge to the vicinity of Unnamed Cr. (Two change orders are required, due to CCIS limitations on the number of items per change order.)

Change Order 117 deletes contract bid item work that was originally designed and intended to provide a tie-in between the new 3-lane roadway and the existing 2-lane roadway. This change order includes deleting Hot Mix Asphalt (HMA), and other associated work. Change Order 116 adds new CCP roadway, and other associated work.

The following change orders previously revised work in this vicinity of the project: Change Order 42 reduced the roadway HMA pavement thickness, replaced concrete barrier with beam guardrail, reduced roadside restoration work, and deleted permanent drainage structures, lane reduction signing and illumination. Change Order 63 shortened the limits of the overlay section, deleted the full depth HMA pavement replacement of a section of one lane, and added the reconstruction of a section of outside shoulder to allow traffic to be temporarily detoured onto it.

Evolution of the Change: At the time the Phase 1C project was being designed, no funding existed for future 3 lanes beyond MP 59.49. As a result, the roadway transition from 3 lanes to 2 lanes was designed to full design standards with HMA at a 20-yr design life, with concrete barrier, permanent drainage, lane reduction illumination and signing.

The current Phase 1C plans include constructing 3 lanes of CCP in each direction, ending in the vicinity of Resort Cr. (MP 59.49). From Resort Cr. to MP 59.99 is "temporary" HMA roadway, including transitions down to 2 lanes (each direction) to tie back into existing I-90.

During the Phase 2A Value Engineering Study it was determined that the Phase 1C project should optimize the non-permanent 3 lane to 2 lane transition section by modifying or deleting any temporary work that would no longer be necessary since the Phase 2A project's permanent roadway will be built concurrently and will overlap with the Phase 1C project.

As the 2A project became funded for construction in 2015, the Region requested that the construction project office develop a change order to delete all temporary work that would no longer be necessary due to the construction of Phase 2A. The first two change orders (42 and 63) were developed to address modifications and deletions to the portions of EB and WB tie-ins that were scheduled to begin construction in the 2013 construction season. This third change order addresses the changes needed to construct permanent CCP roadway in this section of I-90.

Entitlement: In accordance with Section 1-04.4 the Project Engineer adjusted the bid item quantities to reflect the deletions and modifications to the Work. This change order also adds Work to the contract as ordered by the Project Engineer and the Contractor is entitled to compensation for this additional Work.

Price: The project office has prepared an independent engineer's estimate of the costs to perform the work described in this change order; it can be found in the project offices' change order file.

Contract Time: There is no change to contract time associated with this change order.

Please contact Will Smith, at (509) 577-1844, if you have any questions or comments.

WS: kv

Enclosures: Change Order 116 & 117, Checklists.

cc: Change Order File

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CONTRACT NO: 008127 **FEDERAL AID NO:**
CONTRACT TITLE: I-90, SNOWSHED TO KEECHELUS DAM PHASE 1C - REPLACE
CHANGE ORDER NO: 116 EAST END TIE-IN TO 2A - 1 OF 2

PRIME CONTRACTOR: [REDACTED] GUY F. ATKINSON CONSTRUCTION, LLC.
 707 SOUTH GRADY WAY STE 500
 RENTON WA 98057-3224

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

ENDORSED BY: <i>Robert Flannery</i> _____ CONTRACTOR	SURETY CONSENT: _____ ATTORNEY IN FACT
DATE 3/30/15	DATE _____

ORIGINAL CONTRACT AMOUNT: 177,144,342.66
CURRENT CONTRACT AMOUNT: 184,893,980.12
ESTIMATED NET CHANGE THIS ORDER: 1,448,408.65
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 186,342,388.77
 Approval Required: Region Olympia Service Center Local Agency

<input checked="" type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> EXECUTED <i>W. Sm</i> _____ PROJECT ENGINEER 4/2/15 _____ DATE	EXECUTED: <i>W. White</i> _____ STATE CONSTRUCTION ENGINEER 4-9-15 _____ DATE
<input checked="" type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> EXECUTED REGIONAL ADMIN: <i>W. Brian White</i> BY: 4/6/15 _____ DATE	OTHER APPROVAL WHEN REQUIRED _____ SIGNATURE DATE _____ REPRESENTING

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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 extends the ultimate Cement Concrete Pavement (CCP) roadway section eastward to Sta. FE 1439+44, by adding CCP and other associated work.

This change order revises the contract provision "Contractor Surveying Roadway" as it applies from Sta. FW 1427+97 (west of the Resort Cr. Bridge) to Sta. FW 1440+41 (east end Phase 1C CCP); roadway surveying in this area will be the responsibility of the Contracting Agency. All other requirements of the 2010 Standard Specifications Section 1-05.4 and the "All Addenda Incorporated with CRIP and Wall 7 Revision" contract provisions will apply to surveying in this area, including the minimum 2-week advance notification for requesting staking by the Contracting Agency as required in the contract provision "Contracting Agency Survey Work".

This change order deletes all work associated with the Sunset Highway Mitigation Site including all grading, Temporary Erosion / Sediment Control (TESC), habitat construction, and roadside restoration.

Plan sheets SP3-1 through SP3-5 and TEC4 are deleted. 90 new and modified plans sheets are included as pages 8 through 97 of this change order.

16 existing bid item quantities have been increased, 41 existing item quantities have been decreased, bid items 257 and 278 are deleted in their entirety, and 8 new items are added.

Due to system limitations with WSDOT's Construction Contracts Information System (CCIS), this change order cannot be processed by a single change order. Change order 116 will be the first of two (2) linked change orders addressing the same change. Change Order 116 will address the change order text, increased quantities of existing items and new items, and new / revised plan sheets. Change Order 117 will address items with decreased quantities and deleted items.

MATERIALS REQUIREMENTS:

All materials shall meet the requirements of the "All Addenda Incorporated with CRIP and Wall 7 Revision" contract plans and provisions, the 2010 Standard Specifications, and this change order.

Materials for "CO 116-Cement Conc. Pavement", "CO 116-Corrosion Resistant Dowel Bar", and "CO 116-Drill & Install App. Slab Dowels" shall be in accordance with 2010 Standard Specifications Section 5-05.2.

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All HMA included in this change order (areas east of the Resort Creek bridges) shall be a 64-28 binder meeting the requirements of the 2014 Standard Specifications Section 9-02.1(4).

In the "All Addenda Incorporated with CRIP and Wall 7 Revision" contract provisions page 468 (lines 15 through 18) the quantities of "Electrical Vault Type 575", and "Electrical Vault Type 5106 Short" are each increased by one (1).

Materials for "CO 116-Beam Guardrail Type 31-8' Post" shall be in accordance with 2010 Standard Specifications Section 8-11.

CONSTRUCTION REQUIREMENTS:

All work shall be in accordance with the "All Addenda Incorporated with CRIP and Wall 7 Revision" contract plans and provisions, 2010 Standard Specifications and this change order.

The work for the items "CO 116-Cement Conc. Pavement", "CO 116-Corrosion Resistant Dowel Bar", and "CO 116-Drill & Install App. Slab Dowels", is east of the Resort Creek bridges, and shall be in accordance with 2010 Standard Specifications Section 5-05.3.

All concrete rumble strips on this contract shall be adjusted to avoid grinding rumble strips on transverse concrete joints. The rumble strip grind locations shall be adjusted in a manner that results in a minimum of 3 inches between the transverse edge of the grind and the concrete joint.

The Contractor shall adjust the rumble strip offset off the FE Line (RT & LT) and FW Line (RT only) to match into the Standard Plan M-60.10-01 rumble strip installation on the Phase 2A project.

"CO 116-Drill & Install App. Slab Dowels" - Corrosion resistant dowel bars shall be added into the east end of the approach slabs on both the westbound and the eastbound Resort Creek Bridges at 1 ft. spacing. For the westbound bridge, the Contractor shall place approved polystyrene or PVC pipe sleeves for dowel bars in the approach slabs on the east end of the bridge, according to the details shown on Plan Sheets BB27 and BB28 for the west approach slab.

Since the eastbound bridge has already been constructed, the Contractor shall drill dowel bar holes into the approach slab on the east end of the bridge. Plan sheets BC30, BC31 show dimensions for the placement of "Corrosion Resistant Dowel Bars". The "PCCP Roadway Dowel Bar Detail" on plan sheet BC 31 is modified as follows: 1) drill a 1 3/4 In. to 2 In. hole into the approach slab in lieu of casting the bar into the CCP. 2) The polystyrene or PVC pipe sleeves are eliminated on the eastbound approach slab.

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If any reinforcing steel in the approach slab is struck by the drilling, the drilling shall be stopped; any damage to the epoxy reinforcing steel shall be repaired with an approved epoxy. The abandoned hole shall then be filled with approved epoxy or grout, and a new hole drilled to avoid the rebar. Once the hole is drilled, the dowel bar shall be installed into the hole using an approved epoxy.

"CO 116-Beam Guardrail Type 31-8' Post", and the following guardrail removals shall be in accordance with 2010 Standard Specifications Section 8-11:

Guardrail from Sta. LE 1427+89 RT. to Sta. AE 110+41 RT. shall be removed after traffic is moved into the Stage 4 MOT configuration.

Guardrail from Sta. XW4W 13+27 RT. to Sta. XW4W 22+74 RT. shall be removed once traffic has been moved out of the Stage 4 MOT configuration.

All junction boxes outside paving limits will be buried 0.5 ft. below the final grade of the adjacent CSBC.

The work for the item "CO 116-Utility Trench" will begin at STA. FW 1428+50, and shall be in accordance with 2010 Standard Specifications Section 8-20.3(2).

The "All Addenda Incorporated with CRIP and Wall 7 Revision" contract provision "Cooperation with Other Contractors" (pg. 132) is revised and supplemented as follows:

Lines 44 and 45 of the contract provisions are revised to read: I-90 MP 59.9 to MP 62.0 Keechelus Dam to Stampede Pass Phase 2A Add Lanes / Build Wildlife Bridges. A WSDOT reconstruction / widening project - 2015 through 2019.

The Contractor shall vacate the closed area of the westbound lanes from Sta. FW 1440+41 to the end of the Phase 1C project construction limits by the end of 2015.

The Contractor is required to vacate the area of eastbound from Sta. FE 1439+44 to Sta. AE 124+80 by April 15, 2015, with the exception of the Phase 1C contractor's temporary concrete barrier. Removal of this barrier and replacement with barrier provided by the Phase 2A contractor shall be coordinated between the Phase 1C and Phase 2A contractors.

The Contractor shall coordinate with, and allow the Phase 2A contractor to install those portions of the westbound illumination system that fall within the Phase 1C project limits.

MEASUREMENT AND PAYMENT:

Measurement and Payment shall be in accordance with the "All Addenda Incorporated with CRIP and Wall 7 Revision" contract plans and provisions, the 2010 Standard Specifications and this change order.

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Measurement and Payment for "CO 116 Beam Guardrail Type 31-8' Post" will be by the linear foot, in accordance with 2010 Standard Specifications Section 8-11.4 and 8-11.5 respectively.

Measurement and Payment for "CO 116-Permanent Sign Modifications" shall be by lump sum in accordance with Section 1-09.1 of the 2010 Standard Specifications. The lump sum price for "CO 116-Permanent Sign Modifications" shall be full pay for all costs in connection with revisions to permanent signing, as shown on Plan Sheets SS1, SS3, SS4, TS8, and TS9 of this change order.

Measurement and Payment for "CO 116-ITS/Electrical Modifications" shall be by lump sum in accordance with Section 1-09.1 of the 2010 Standard Specifications. The lump sum price for "CO 116-ITS/Electrical Modifications" shall be full pay for all costs associated with changes to the ITS & electrical systems contained in this change order, that are not paid by the items "Electrical Vault Type 5100 Short", "Electrical Vault Type 575 Short", or "CO 116 Utility Trench". This includes, but is not limited to additional conduit, conductor, junction boxes, pull boxes, outer duct, fiber optic cable, and modifications to the Resort Creek Bridge wildlife camera.

Measurement and Payment for "CO 116-Utility Trench" shall be in accordance with 2010 Standard Specifications Section 1-09.6.

Measurement and Payment for "CO 116-MOT/Temp. Drainage Modifications" shall be by lump sum in accordance with 2010 Standard Specifications Section 1-09.1. The lump sum price for "CO 116-MOT/Temp. Drainage Modifications" shall be full pay for all associated costs including temporary concrete barrier, glare screen, barrier gaps, temporary HMA Cl-3/8 PG 64-28, added mobilization for longitudinal joint seal, abandoning culvert D7-21 by filling with CDF, and temporary culverts.

Measurement and Payment for "CO 116-Drill & Install App. Slab Dowels" shall be by lump sum, and will include all costs associated with furnishing, drilling, and installing corrosion resistant approach slab dowel bars into the east end of the eastbound Resort Creek Bridge approach slab, and furnishing and installing approach slab dowel bar sleeves at the east end of the westbound Resort Creek Bridge.

Measurement and Payment for "CO 116-Cement Conc. Pavement" shall be by the cubic yard in accordance with 2010 Standard Specifications Section 5-05.4 and 5-05.5.

Measurement and Payment for "CO 116-Corrosion Resistant Dowel Bar" shall be per each in accordance with 2014 Standard Specifications Section 5-05.4 and 5-05.5.

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CONTRACT TIME:

There is no change to contract time associated with this change order.

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CONTRACT NO: 008127				CHANGE ORDER NO: 116			
ITEM NO	GROUP NO	STD ITEM	ITEM DESCRIPTION	UNIT MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE
0014	01	0170	REMOVING GUARDRAIL	L.F.	6.00	1,808.00	10,848.00
0033	01	0470	EMBANKMENT COMPACTION	C.Y.	2.00	2,630.00	5,260.00
0040	01	1059	DROP INLET TYPE 2	EACH	6,500.00	2.00	13,000.00
0046	01	1086	QUARRY SPALLS	TON	20.00	170.00	3,400.00
0060	01	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	L.F.	50.00	410.00	20,500.00
0070	01		MODIFIED CATCH BASIN TYPE 2 60 IN. DIAM.	EACH	3,750.00	3.00	11,250.00
0196	01	6514	LONGITUDINAL JOINT SEAL	L.F.	4.00	2,700.00	10,800.00
0232	01	6776	PRECAST CONC. BARRIER TYPE 42 IN. 2 SIDED	L.F.	81.00	1,592.90	129,024.90
0235	01		CONC. BARRIER TRANSITION CIP TO 42 IN. 2	EACH	2,500.00	2.00	5,000.00
0251	01	6830	BARRIER DELINEATOR	EACH	30.00	9.00	270.00
0256	01		CONCRETE RUMBLE STRIP	MILE	1,800.00	0.91	1,638.00
0283	01		ELECTRICAL VAULT TYPE 5106 SHORT	EACH	3,500.00	1.00	3,500.00
0284	01		ELECTRICAL VAULT TYPE 575	EACH	3,500.00	1.00	3,500.00
0296	01	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	C.Y.	8.00	304.00	2,432.00
0297	01	7008	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	0.50	3,010.00	1,505.00
0538	01		CO 104-ADD ER REQUIREMENT TO HMA 3/8 IN.	TON	8.00	120.00	960.00
1210	01		CO 116-BEAM GUARDRAIL TYPE 31-8' POST	L.F.	38.75	925.00	35,843.75
1212	01		CO 116-PERMANENT SIGNING MODIFICATIONS	L.S.	2,880.00	1.00	2,880.00
1213	01		CO 116-ITS/ELECTRICAL MODIFICATIONS	L.S.	62,975.00	62,975.00	62,975.00
1214	01		CO 116-MOT/TEMP. DRAINAGE MODIFICATIONS	L.S.	65,000.00	65,000.00	65,000.00
1215	01		CO 116-DRILL & INSTALL APP. SLAB DOWELS	L.S.	5,617.00	5,617.00	5,617.00
1227	01		CO 116-CEMENT CONC. PAVEMENT	C.Y.	181.00	4,980.00	901,380.00
1228	01		CO 116-CORROSION RESISTENT DOWEL BAR	EACH	22.50	4,970.00	111,825.00
1229	01		CO 116-UTILITY TRENCH	EST.	40,000.00	40,000.00	40,000.00

1,448,408.65

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CONTRACT NO: 008127 FEDERAL AID NO:
CONTRACT TITLE: I-90, SNOWSHED TO KEECHELUS DAM PHASE 1C - REPLACE
CHANGE ORDER NO: 117 EAST END TIE-IN TO 2A - 2 OF 2

PRIME CONTRACTOR: [REDACTED] GUY F. ATKINSON CONSTRUCTION, LLC.
707 SOUTH GRADY WAY STE 500
RENTON WA 98057-3224

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

Change proposed by Contractor

<p>ENDORSED BY: <i>Robert Flannery</i></p> <hr/> <p>CONTRACTOR</p> <p><i>3/30/15</i></p> <hr/> <p>DATE</p>	<p>SURETY CONSENT:</p> <hr/> <p>ATTORNEY IN FACT</p> <hr/> <p>DATE</p>
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ORIGINAL CONTRACT AMOUNT: 177,144,342.66
CURRENT CONTRACT AMOUNT: 196,869,343.15
ESTIMATED NET CHANGE THIS ORDER: -816,780.65
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 196,052,562.50

Approval Required: Region Olympia Service Center Local Agency

<p><input checked="" type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> EXECUTED</p> <p><i>W. Su</i></p> <hr/> <p>PROJECT ENGINEER</p> <p><i>4/2/15</i></p> <hr/> <p>DATE</p>	<p>EXECUTED:</p> <p><i>W. Su</i></p> <hr/> <p>STATE CONSTRUCTION ENGINEER</p> <p><i>4-9-2015</i></p> <hr/> <p>DATE</p>
<p><input checked="" type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> EXECUTED</p> <p>REGIONAL ADMIN: <i>W. Brian White</i></p> <hr/> <p>BY:</p> <p><i>4/6/15</i></p> <hr/> <p>DATE</p>	<p>OTHER APPROVAL WHEN REQUIRED</p> <hr/> <p>SIGNATURE</p> <hr/> <p>DATE</p> <hr/> <p>REPRESENTING</p>

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CONTRACT NO: 008127

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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:

Due to system limitations with WSDOT's Construction Contracts Information System (CCIS), this change order cannot be processed by a single change order. Change order 116 will be the first of two (2) linked change orders addressing the same change. Change Order 116 will address the change order text, added items and items with increased quantities, and new / revised plan sheets. Change Order 117 will address items with decreased quantities and deleted items.

The item "CO 117 Delete Item 278-Credit Item", shown on page 7, is a CCIS system entry requirement for deleting a Lump Sum item. In this case, the item being deleted is item 278 "ITS-Data Station 2".

Measurement and Payment for "CO 117-Delete Item 278-Credit Item" will delete item 278 "ITS Data Station 2" in accordance with Section 1-09.

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CONTRACT NO: 008127				CHANGE ORDER NO: 117			
ITEM NO	GROUP NO	STD ITEM	ITEM DESCRIPTION	UNIT MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE
0002	01	0025	CLEARING AND GRUBBING	ACRE	5,000.00	-3.00	-15,000.00
0015	01	0182	REMOVING GUARDRAIL ANCHOR	EACH	250.00	-2.00	-500.00
0019	01		SELECT TREE REMOVAL	EACH	250.00	-32.00	-8,000.00
0021	01	0330	ROADWAY EXCAVATION INCL. HAUL - AREA A	C.Y.	8.00	-16,310.00	-130,480.00
0024	01	0330	ROADWAY EXCAVATION INCL. HAUL - AREA D	C.Y.	8.00	-2,430.00	-19,440.00
0047	01		ROCK FOR EROSION AND SCOUR PROTECTION, CL	TON	25.00	-22.00	-550.00
0053	01	1160	UNDERDRAIN PIPE 6 IN. DIAM.	L.F.	9.50	-330.00	-3,135.00
0054	01	1161	UNDERDRAIN PIPE 8 IN. DIAM.	L.F.	14.00	-355.00	-4,970.00
0056	01	1170	DRAIN PIPE 6 IN. DIAM.	L.F.	10.00	-27.00	-270.00
0057	01	1171	DRAIN PIPE 8 IN. DIAM.	L.F.	14.00	-17.00	-238.00
0176	01	5100	CRUSHED SURFACING BASE COURSE	TON	13.50	-911.90	-12,310.65
0189	01		JOINT ADHESIVE, BITUMINOUS PAVEMENT	L.F.	2.60	-7,202.00	-18,725.20
0192	01	5767	HMA CL. 1/2 IN. PG 64-28	TON	86.00	-527.00	-45,322.00
0201	01	6468	STABILIZED CONSTRUCTION ENTRANCE	S.Y.	20.00	-300.00	-6,000.00
0202	01	6469	TIRE WASH	EACH	15,000.00	-1.00	-15,000.00
0204	01		HIGH VISIBILITY SILT FENCE	L.F.	4.00	-1,698.00	-6,792.00
0205	01	6479	WATTLE	L.F.	4.50	-208.00	-936.00
0208	01		MULCHING WITH HECF TYPE 1 MULCH	ACRE	3,400.00	-0.96	-3,264.00
0210	01	6412	SEEDING AND FERTILIZING	ACRE	3,800.00	-0.20	-760.00
0211	01		SEEDING	ACRE	500.00	-0.76	-380.00
0212	01		TOPSOIL TYPE A	ACRE	50,000.00	-1.11	-55,500.00
0216	01		WOOD STRAND MULCH	ACRE	3,600.00	-0.80	-2,880.00
0217	01	6630	HIGH VISIBILITY FENCE	L.F.	4.00	-1,960.00	-7,840.00
0218	01		MEDIA FILTER DRAIN MIX	C.Y.	90.00	-500.00	-45,000.00
0219	01		COMPOST AMENDED VEGETATED FILTER STRIP	C.Y.	42.00	-110.00	-4,620.00
0227	01	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 21	EACH	3,800.00	-3.00	-11,400.00
0228	01		BEAM GUARDRAIL TYPE 31 NON-FLARED TERM. -	EACH	3,000.00	-4.00	-12,000.00
0229	01	6768	WEATHERING ST. BEAM GUARDRAIL TYPE 31	L.F.	31.00	-525.00	-16,275.00
0230	01		BEAM GUARDRAIL ANCHOR TYPE 10 - WEATHERIN	EACH	750.00	-1.00	-750.00
0250	01		RIGID GUIDE POST	EACH	55.00	-54.00	-2,970.00
0254	01	6813	GROOVED PLASTIC LINE	L.F.	3.00	-10,710.00	-32,130.00
0255	01		GROOVED PLASTIC SPLATTER LINE	L.F.	3.00	-5,560.00	-16,680.00
0257	01	6892	SHOULDER RUMBLE STRIP TYPE 1	MILE	1,800.00	-1.30	-2,340.00
0258	01	6889	RECESSED PAVEMENT MARKER	HUND	3,200.00	-1.31	-4,192.00
0293	01	6982	CONSTRUCTION SIGNS CLASS A	S.F.	25.00	-424.00	-10,600.00
0299	01	7014	GRAVEL BACKFILL FOR DRAIN	C.Y.	33.00	-100.00	-3,300.00
0313	01	9602	ADJUST INLET	EACH	500.00	-1.00	-500.00
0341	01	7550	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND D	S.Y.	2.00	-2,400.00	-4,800.00
0344	01		LARGE WOODY MATERIAL	EACH	400.00	-65.00	-26,000.00
0345	01		BRUSH PILE	EACH	800.00	-10.00	-8,000.00
0510	01		CO 99-HMA CL 1/2 IN. PG 64-22	TON	86.00	-2,536.00	-218,096.00
0537	01		CO#104-ADD ER REQUIREMENT TO HMA 1/2 IN.	TON	7.32	-1,890.00	-13,834.80
1216	01		CO 117-DELETE ITEM 278-CREDIT ITEM	L.S.	-25,000.00	-25,000.00	-25,000.00

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ITEM NO	GROUP NO	STD ITEM	ITEM DESCRIPTION	UNIT MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE

-816,780.65
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CHANGE ORDER-CHECKLIST

Cont. #: <u>8127</u> Cont. Title: <u>Snowshed to Keechelus Dam Phase 1C - Replace Snowshed and Add Lanes</u>		If yes, State Construction Office Approval Required.
C.O. #: <u>116 & 117</u> C.O. Title: <u>East End Tie-In to 2A</u>		
I. Executed by the State Construction Office		
1. Cost or credit equal to or exceeding \$200,000.*1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	X
2. Change in the contract documents beyond the scope, intent or termini of the original contract.*2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
3. Any proposed revision or deletion of work that affects the condition of award requirements. (Must be coded "CO" in CCIS)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
4. Change in contract time greater than 30 working days, or a change in contract time not related to any change order.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
II. Executed by the Region		
5. Cost or credit greater than \$100,000 but less than \$200,000. *1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Change in contract time greater than 10 and less than or equal to 30 working days (must be related to changes implemented by change order).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
III. Executed by the Project Engineer		
7. Determination of Impacts and/or overhead.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
8. Specification change involving Headquarters generated specification. (Includes Region generated specification requiring State Construction Office Approval)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
9. Specification change involving Region generated specifications.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10. Material or product substitution.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
11. Structural design change in the roadway section. (Requires State Materials Lab approval)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
12. Determination of changed condition. (Section 1-04.7 of the Standard Specifications)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
13. Settlement of a claim. (Section 1-09.11(2) of the Standard Specifications)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
14. Repair of damage regarding "acts of God" or "acts of the public enemy or of government authorities". (Section 1-07.13 of the Standard Specification)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X
15. Structural change to structures. (See BTA authority as shown in the Construction Manual)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	X

Approvals obtained: Project Engineer (Required): Will Smith Date: 11/14/2014
 Region (Required if yes marked): [Redacted] Date: 11/20/2014
 State Construction Office: [Redacted] Date: 11/20/2014
 State Materials Lab: _____ Date: _____
 Other (Local Agency, FHWA, Surety, etc.): _____ Date: _____

To be completed by the Project Engineer :

CO Reason(s) (See "2008 Codes and Definitions" on HQ Construction SharePoint): AK, 08, 11C, AW, DW
 Change Order Prepared By: Kim Vaughn Date: 11/14/2014
 Has change been entered as lesson learned? Yes No Has design documentation been updated? Yes No
 Is this project under full FHWA stewardship oversight? *1 Yes No

To be completed by the Region :

Is the change eligible for Federal participation where applicable? Yes No
 Change Order Reviewed by: [Signature] W. Brian White Date: 11/6/15

*1 Change (Cost or Credit) greater than \$200,000 or greater than 30 days on Full Federal Stewardship Oversight projects requires FHWA approval. (see Construction Manual - Chapter 1-2.4C(3), Chapter 1-3.4, and <http://www.wsdot.wa.gov/biz/construction/Stewardship/Stewardship.xls>)
 *2 Per RCW 47.28.050, any change beyond \$7,500 that is beyond the original scope shall go through the competitive bidding process.

This form represents the minimum information required by the State Construction Office. If you wish to supplement this information, you may do so on a separate sheet of paper.