


Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Philip Morley, County Administrator

From: Frank Gifford, Public Works Director 

Agenda Date: November 5, 2012

Subject: Change Order No. 3, Spruce Creek Culvert Replacement, Upper Hoh Road MP 9.70, Federal Aid Project No. ER-0902(340), County Project No. XO1821

Statement of Issue: Change Order No. 3 with Seton Construction for the Spruce Creek Culvert Replacement, County Project No. XO1821.


Analysis/Strategic Goals/Pro's & Con's: This project is for the construction of a 22 ft. span, 3-sided, concrete box culvert at MP 9.7 on Upper Hoh Road, done in response to high flows in Spruce Creek in January, 2009 which damaged the existing culverts and roadway. Change Order No. 3 has two parts: Part 1 is for the addition of the bid item Topsoil Type C to the contract. Topsoil was not originally included in the contract, but was determined to be necessary for success of the project vegetation restoration plan. Part 2 is for increasing the final contract amount to reflect actual final bid item quantities used on the project.


Fiscal Impact/Cost Benefit Analysis: This change order will increase the contract amount by \$13,976.82 to a final amount of \$414,620.69. This project is funded at 86.5% by the Federal Highway Administration, and 13.5% by County road funds.

Recommendation: Public Works recommends that the Board execute all three originals of Change Order No. 3 with Seton Construction and return two (2) originals to Public Works for further processing.

Department Contact: Mark Thurston, P.E., Project Manager, 385-9160.

Reviewed By:


Philip Morley, County Administrator


Date

Ordered by County Engineer under terms of <input checked="" type="checkbox"/> Section 1 - 04. 4 of the Standard Specifications <input type="checkbox"/> Change proposed by Contractor	Contract No. XO1821 To: Seton Construction 4640 S. Discovery Road Port Townsend, WA 98368
Endorsed by: <u>Seton Construction</u> <small>Contractor Firm Name</small> <u>J. T. [Signature]</u> <u>10/15/12</u> <small>Signature Date</small> <u>Seton [Signature]</u> <small>Title</small>	Project Title Spruce Creek Culvert Replacement
Consent given by Surety: (when required) By: _____ <small>Attorney-in-fact Date</small>	

You are ordered to perform the following described work upon receipt of an approved copy of this change order:

This change order will make the following changes to the contract:

Part 1
 Add a new bid item, Topsoil Type C, to the contract. The Contractor shall provide Topsoil Type C at the unit bid price of \$36.15 per cubic yard. The planned quantity for Topsoil Type C is 36 cubic yards. The increase in the contract amount is \$1,301.40.

Part 2
 Increase the final contract amount by \$12,675.42 to a final amount of \$414,620.69 to reflect actual final bid item quantities used on the project as shown on the attached Final Pay Estimate.

 The total increase in the contract amount for this change order is \$13,976.82.

Approved as to form only:
David Alva 10/15/12
Jefferson Co. Prosecutor's Office

All work materials and measurement to be in accordance with the provisions of the standard specifications and special provisions for the type of construction involved.

ORIGINAL CONTRACT AMOUNT	CURRENT CONTRACT AMOUNT	NET CHANGE THIS ORDER	FINAL CONTRACT TOTAL AFTER CHANGE
\$397,507.43	\$400,643.87	\$13,976.82	\$414,620.69
ORIGINAL CONTRACT TIME (days)	CURRENT CONTRACT TIME (days)	CONTRACT TIME CHANGE (Add/Del)	NEW CONTRACT TIME (days)
50	50	0	50

APPROVAL RECOMMENDED <input checked="" type="checkbox"/> <u>Mark Hunter</u> <u>10-4-12</u> <small>Project Manager Date</small>	APPROVAL RECOMMENDED <input checked="" type="checkbox"/> <u>[Signature]</u> <u>10.4.12</u> <small>County Engineer Date</small>
APPROVAL RECOMMENDED <input type="checkbox"/> <u>[Signature]</u> <u>10-4-12</u> <small>Engineering Services Manager Date</small>	APPROVED <input type="checkbox"/> <small>Chair, Jefferson County Commissioners Date</small>

**JEFFERSON COUNTY PUBLIC WORKS
PAY ESTIMATE WORKSHEET**

PROJECT: Spruce Creek Culvert Replacement
PROJECT NO.: Federal Aid No. ER-0902(340), County Project No. X01821
CONTRACTOR: Seton Construction
ADDRESS: 4640 S. Discovery
 Port Townsend, WA 98368
PHONE: (360) 385-0213

ESTIMATE NUMBER: FINAL
WORK COMPLETED THRU: 10/1/2012
PREPARATION DATE: 10/3/2012
PREPARED BY: Mark Thurston

ITEM NO.	ORIGINAL QUANTITY	UNIT	ITEM	UNIT BID PRICE	QUANTITY PREVIOUS WARRANTS	QUANTITY THIS WARRANT	QUANTITY TO DATE	AMOUNT PREVIOUS WARRANTS	AMOUNT THIS WARRANT	PROJECT AMOUNT TO DATE	ORIGINAL TOTAL BID	ORIGINAL TOTAL BID w/ APPROVED CHANGE ORDERS	% COMPLETED	(UNDER) RUN/OVERRUN
1	1	L.S.	PREPARATION	\$40,300.00	1.00	0.00	1.00	40,300.00	\$0.00	\$40,300.00	\$40,300.00	\$40,300.00	100.00%	\$0.00
2	1	L.S.	MOBILIZATION AND GRUBBING	\$4,450.00	1.00	0.00	1.00	4,450.00	\$0.00	\$4,450.00	\$4,450.00	\$4,450.00	100.00%	\$0.00
3	1	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION	\$3,976.00	1.00	0.00	1.00	3,976.00	\$0.00	\$3,976.00	\$3,976.00	\$3,976.00	100.00%	\$0.00
4	1	L.S.	TEMPORARY STREAM FLOW BYPASS SYSTEM	\$8,400.00	1.00	0.00	1.00	8,400.00	\$0.00	\$8,400.00	\$8,400.00	\$8,400.00	100.00%	\$0.00
5	1	L.S.	TEMPORARY BYPASS ROAD	\$26,550.00	1.00	0.00	1.00	26,550.00	\$0.00	\$26,550.00	\$26,550.00	\$26,550.00	100.00%	\$0.00
6	30	C.Y.	UNSUITABLE FOUNDATION EXCAVATION INCL HAUL	\$50.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00	0.00%	(\$1,500.00)
7	500	C.Y.	GRAVEL BORROW INCL. HAUL	\$15.00	514.20	0.00	514.20	7,713.00	\$0.00	\$7,713.00	\$7,500.00	\$7,500.00	102.84%	\$213.00
8	27	C.Y.	DITCH EXCAVATION INCL. HAUL	\$40.00	27.00	0.00	27.00	1,080.00	\$0.00	\$1,080.00	\$1,080.00	\$1,080.00	100.00%	\$0.00
9	206	C.Y.	STREAMBED GRAVEL	\$35.00	206.00	94.70	300.70	7,210.00	\$3,314.50	\$10,524.50	\$7,210.00	\$7,210.00	146.97%	\$3,314.50
10	30	C.Y.	STREAMBED SEDIMENT	\$50.00	33.30	0.00	33.30	1,665.00	\$0.00	\$1,665.00	\$1,500.00	\$1,500.00	111.00%	\$165.00
11	326	EACH	STREAMBED BOULDER (2-MAN)	\$26.08	319.00	0.00	319.00	8,319.52	\$0.00	\$8,319.52	\$8,502.08	\$8,502.08	97.85%	(\$182.56)
12	180	EACH	STREAMBED BOULDER (3-MAN)	\$24.15	180.00	0.00	180.00	4,347.00	\$0.00	\$4,347.00	\$4,347.00	\$4,347.00	100.00%	\$0.00
13	31	C.Y.	QUARRY SPALLS	\$30.00	1.50	0.00	1.50	45.00	\$0.00	\$45.00	\$930.00	\$930.00	4.84%	(\$885.00)
14	664	C.Y.	STRUCTURES	\$12.00	950.00	0.00	950.00	11,400.00	\$0.00	\$11,400.00	\$7,968.00	\$7,968.00	143.07%	\$3,432.00
15	1	L.S.	STRUCTURE EXCAVATION CLASS A INCL. HAUL	\$4,850.00	1.00	0.00	1.00	4,850.00	\$0.00	\$4,850.00	\$4,850.00	\$4,850.00	100.00%	\$0.00
16	1	L.S.	SHORING OR EXTRA EXCAVATION CL. A PRECAST REINF. CONC. THREE SIDED STRUCTURE	\$157,510.00	1.00	0.00	1.00	157,510.00	\$0.00	\$157,510.00	\$157,510.00	\$157,510.00	100.00%	\$0.00
17	88	C.Y.	SURFACING	\$35.00	86.00	25.40	111.40	3,080.13	\$924.00	\$4,004.13	\$3,080.00	\$3,080.00	130.00%	\$924.13
18	143	TON	CRUSHED SURFACING TOP COURSE HOT MIX ASPHALT	\$193.04	143.00	14.87	157.87	27,604.72	\$2,870.50	\$30,475.22	\$27,604.72	\$27,604.72	110.40%	\$2,870.50
19	110	C.Y.	EROSION CONTROL AND ROADSIDE RESTORATION	\$81.18	110.00	0.00	110.00	8,929.80	\$0.00	\$8,929.80	\$8,929.80	\$8,929.80	100.00%	\$0.00
20	0.025	AC	COMPOSTED BARK MULCH	\$10,000.00	0.03	0.00	0.03	250.00	\$0.00	\$250.00	\$250.00	\$250.00	100.00%	\$0.00
21	50	EA.	SEEDING, FERTILIZING AND MULCHING	\$10.45	50.00	0.00	50.00	522.50	\$0.00	\$522.50	\$522.50	\$522.50	100.00%	\$0.00
22	34	EA.	PLANT SELECTION BLACK COTTONWOOD, 1 GAL.	\$10.45	35.00	0.00	35.00	365.75	\$0.00	\$365.75	\$355.30	\$355.30	102.94%	\$10.45
23	17	EA.	PLANT SELECTION DOUGLAS FIR, 1 GAL.	\$10.45	18.00	0.00	18.00	188.10	\$0.00	\$188.10	\$177.65	\$177.65	105.88%	\$10.45
24	34	EA.	PLANT SELECTION SITKA SPRUCE, 1 GAL.	\$10.45	34.00	0.00	34.00	355.30	\$0.00	\$355.30	\$355.30	\$355.30	100.00%	\$0.00
25	205	EA.	PLANT SELECTION WESTERN RED CEDAR, 1 GAL.	\$10.21	211.00	0.00	211.00	2,154.31	\$0.00	\$2,154.31	\$1,84.90	\$2,093.05	102.93%	\$61.26
26	32	EA.	PLANT SELECTION PACIFIC NINEBARK, 1 GAL. (New unit price per C.O. #2)	\$10.21	32.00	0.00	32.00	326.72	\$0.00	\$326.72	\$184.96	\$326.72	100.00%	\$0.00
27	118	EA.	PLANT SELECTION REDTIG DOGWOOD, 1 GAL. (New unit price per C.O. #2)	\$10.21	120.00	0.00	120.00	1,225.20	\$0.00	\$1,225.20	\$682.04	\$1,204.72	101.69%	\$20.42
28	48	EA.	PLANT SELECTION SALMONBERRY, 1 GAL. (New unit price per C.O. #2)	\$8.63	48.00	0.00	48.00	413.84	\$0.00	\$413.84	\$1,684.65	\$1,684.65	89.19%	(\$204.20)
29	48	EA.	PLANT SELECTION REDTIG DOGWOOD, 1 GAL. (New unit price per C.O. #2)	\$8.63	48.00	0.00	48.00	413.84	\$0.00	\$413.84	\$1,069.30	\$1,069.30	100.00%	\$0.00
30	60	EA.	PLANT SELECTION GEVERS WILLOW, 1 GAL. (New unit price per C.O. #2)	\$8.63	60.00	0.00	60.00	517.80	\$0.00	\$517.80	\$211.20	\$423.84	100.00%	\$0.00
31	60	EA.	PLANT SELECTION SITKA WILLOW, 1 GAL. (New unit price per C.O. #2)	\$8.63	60.00	0.00	60.00	517.80	\$0.00	\$517.80	\$264.00	\$264.00	100.00%	\$0.00
32	397	L.F.	SILT FENCE	\$5.00	397.00	0.00	397.00	1,985.00	\$0.00	\$1,985.00	\$264.00	\$264.00	100.00%	\$0.00
33	30	DAY	EROSION CONTROL LEAD	\$150.00	30.00	6.00	36.00	5,400.00	\$900.00	\$6,300.00	\$1,985.00	\$1,985.00	92.44%	(\$150.00)
34	222	S.Y.	TEMPORARY EROSION CONTROL BLANKET	\$7.15	222.00	0.00	222.00	1,587.30	\$0.00	\$1,587.30	\$4,500.00	\$4,500.00	120.00%	\$900.00
35	1	EST.	EROSION WATER POLLUTION CONTROL	\$1,000.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$1,000.00	\$1,000.00	0.00%	(\$1,000.00)
36	760	L.F.	HIGH VISIBILITY FENCE	\$4.00	355.00	0.00	355.00	1,420.00	\$0.00	\$1,420.00	\$3,160.00	\$3,160.00	44.94%	(\$1,740.00)
37	117	L.F.	TRAFFIC	\$38.34	117.00	0.00	117.00	4,485.78	\$0.00	\$4,485.78	\$4,485.78	\$4,485.78	100.00%	\$0.00
38	3	EA.	WEATHERING STEEL BEAM GUARDRAIL TYPE 31	\$3,465.00	3.00	0.00	3.00	10,395.00	\$0.00	\$10,395.00	\$10,395.00	\$10,395.00	100.00%	\$0.00
39	1	EA.	WEATHERING STEEL BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	\$913.00	1.00	0.00	1.00	913.00	\$0.00	\$913.00	\$913.00	\$913.00	100.00%	\$0.00
40	4	EA.	WEATHERING STEEL BEAM GUARDRAIL ANCHOR TYPE 10	\$1,985.50	4.00	0.00	4.00	7,942.00	\$0.00	\$7,942.00	\$7,942.00	\$7,942.00	100.00%	\$0.00
41	500	L.F.	WEATHERING STEEL BEAM GUARDRAIL TRANSITION SECTION TYPE 20	\$3.30	490.00	0.00	490.00	1,617.00	\$0.00	\$1,617.00	\$1,650.00	\$1,650.00	98.00%	(\$33.00)
42	1	L.S.	PAINT LINE PORTABLE TEMPORARY TRAFFIC CONTROL SIGNAL	\$9,075.00	1.00	0.00	1.00	9,075.00	\$0.00	\$9,075.00	\$9,075.00	\$9,075.00	100.00%	\$0.00

43	1	L.S.	OTHER TEMPORARY TRAFFIC CONTROL	\$1,500.00	1.00	0.00	1.00	1,500.00	\$0.00	\$1,500.00	100.00%	\$0.00	
44	1	L.S.	TRAFFIC CONTROL SUPERVISOR	\$3,600.00	0.50	0.50	1.00	1,800.00	\$1,800.00	\$3,600.00	100.00%	\$0.00	
45	60	HOUR	FLAGGERS AND SPOTTERS	\$8.50	170.00	170.00	6,467.00	\$3,393.00	\$9,860.00	\$9,860.00	283.33%	\$6,380.00	
46	120	S.F.	CONSTRUCTION SIGNS CLASS A	\$20.63	122.50	0.00	2,527.18	\$0.00	\$2,527.18	\$2,475.60	102.08%	\$51.57	
OTHER ITEMS													
47	200	S.Y.	CONSTRUCTION GEOTEXTILE FOR SEPARATION	\$4.75	203.56	0.00	966.89	\$0.00	\$966.89	\$950.00	101.79%	\$16.89	
48	1	L.S.	SPCC PLAN	\$500.00	1.00	0.00	500.00	\$0.00	\$500.00	\$500.00	100.00%	\$0.00	
49	1	L.S.	PROJECT SURVEYING	\$6,600.00	1.00	0.00	6,600.00	\$0.00	\$6,600.00	\$6,600.00	100.00%	\$0.00	
ITEMS ADDED BY CHANGE ORDER													
50	36	C.Y.	TOPSOIL TYPE C	\$36.15	0.00	0.00	0.00	\$1,301.40	\$1,301.40	\$0.00		\$1,301.40	
TOTAL										\$397,507.43	\$400,843.87	103.49%	\$13,976.62

I hereby certify on honor that this estimate is based upon actual measurements and the same is true and correct.

Project Manager Mark [Signature] 10-4-12

I, the undersigned, having first been duly sworn, do hereby depose and say that no laborer, workman, or mechanic so employed in connection with performance of this work has been paid less than the prevailing rate of wage as specified in the principal contract, and that the above bill is true and correct; and that there is due me this date, according to contract, the sum of [Redacted] and that the same or any part thereof has not been paid.

Seton Construction

[Signature]

Warrant No.: [Redacted]

Amount Due: [Redacted]

Manager Review

10-4-12