

Jefferson County
Board of Commissioners
Agenda Request

To: Board of Commissioners
Mark McCauley, County Administrator

From: Monte Reinders, P.E., Public Works Director/County Engineer 

Agenda Date: June 17, 2024

Subject: Change Order No. 1, for Center Road 2R Overlay Project
Project No. 1802096,
County Road No. 931507, CRAB R.A.P. Project No. 1622-01

Statement of Issue: Change Order No. 1 with Lakeside Industries, Inc. of Port Angeles, Washington.

Analysis/Strategic Goals/Pro's & Con's: This change order consists of 4 parts:

Part 1: Change of Planing and Paving Width to completely remove the existing chip seal surface from the roadway

Part 2: Crack Sealing to seal the cracks in the existing surface of the asphalt shoulders with Hot Applied Sealant for Bituminous Pavement.

Part 3: Culvert Pipe Repair of an existing culvert in the north-bound lane of Center Road at sta. 761+30 which is seeping stormwater upward and onto the newly planed asphalt roadway surface.

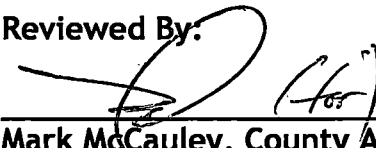
Part 4: Deletion of Item 18 Plastic Drainage Markers from the contract; this work to be done by County Forces.

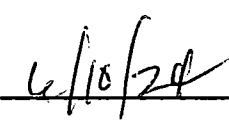
Fiscal Impact/Cost Benefit Analysis: Change Order No. 1 adds \$58,983.23 to the existing contract amount of \$1,112,583.65 for a revised contract total amount of \$1,171,566.88 and adds 0 Working Days. This project is funded at 100% by a County Road Administration Board (CRAB), Rural Arterial Program (R.A.P.) State grant.

Recommendation: Public Works recommends that the Board authorize Change Order No. 1 with Lakeside Industries, Inc., and return two originals to Public Works for further processing.

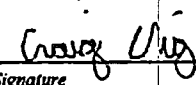
Department Contact: John Wayand, Project Manager, 385-9377.

Reviewed By:


Mark McCauley, County Administrator


Date

Sheet 1 of 5 Date: 6/3/2024	JEFFERSON COUNTY DEPARTMENT OF PUBLIC WORKS CHANGE ORDER 1 (PARTS 1, 2, 3, 4)	Change Order No. 1
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Ordered by County Engineer under terms of ☒ Section 1 - 04. 4 of the Standard Specifications ☐ Change proposed by Contractor	Contract No. To: Lakeside Industries, Inc. P.O. Box 728. Port Angeles, WA. 98362
Endorsed by: <u>Lakeside Industries, Inc.</u>  Signature <u>Project Manager</u> Title <u>6/10/2024</u> Date	Project Title Center Road 2R Overlay Project No. 1802096
Consent given by Surety: (when required) By: _____ Attorney-in-fact Date	

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

PART 1: CHANGE OF PLANING AND PAVING WIDTH
 This change is being made to completely remove the existing chip seal surface from the roadway.

Existing Item 10 Planing Bituminous Pavement, SY
 This change order provides for additional quantities of Planing Bituminous Pavement for an increase in total planing width from 24' wide to 25' wide, from sta. 543+60 to sta. 668+00. This change requires an additional 1,293.33 SY of planing.

Estimated cost is: \$2,728.93
 Change in Contract Time: 0 additional Working Days

Existing Item 12 HMA CL. 1/2 In. PG 58H-22, TON
 This change order provides for additional quantities of HMA CL. 1/2 In. PG 58H-22 (Hot Mix Asphalt) for an increase in total width from 24' wide to 25' wide, from sta. 543+60 to sta. 658+00 south-bound lane and from sta. 543+60 to 657+50 north-bound lane. This change requires an additional 173.34 TONS of HMA.

Estimated cost is: \$16,467.30
 Change in Contract Time: 0 additional Working Days

Existing Item 21 Project Temporary Traffic Control, LS
 This change order provides for additional Project Temporary Traffic Control to accomplish the increase in total width from 24' wide to 25' wide, from sta. 543+60 to sta. 658+00 south-bound lane and from sta. 543+60 to 657+50 north-bound lane. This change requires an additional \$2,696.00 for traffic control.

Estimated cost is: \$2,696.00
 Change in Contract Time: 0 additional Working Days

Change Order 1, Part 1 Summary:

Estimated Cost:	
\$2,728.93	Planing Bituminous Pavement
\$16,467.30	HMA CL. 1/2 In. PG 58H-22
\$2,696.00	Project Temporary Traffic Control
\$21,892.23	Total Estimated Net Cost Change

Estimated Contract Time:

0 Working Days	Planing Bituminous Pavement
0 Working Days	HMA CL. 1/2 In. PG 58H-22
0 Working Days	Project Temporary Traffic Control
0 Working Days	Total Estimated Net Working Days Change

PART 2: Crack Sealing

This change is being made to seal the cracks in the existing surface of the asphalt shoulders.

New Item 26 Crack Sealing, L.S.

This change order adds the new item "Item 26 Crack Sealing, L.S." per Standard Specification 1-04.4. This change order provides for sealing the cracks in the existing asphalt shoulders with Hot Applied Sealant for Bituminous Pavement. The crack sealing will occur on both the north-bound and south-bound shoulders for the entire project length from sta. 543+60 to sta. 667+22, for an estimated 3,225 L.F. of cracks. This change order also includes shoulder sweeping and traffic control. This change requires an additional \$26,325.00 L.S.

Estimated cost is: \$26,325.00

Change in Contract Time: 0 additional Working Days

Change Order 1, Part 2 Summary:

Estimated Cost:

\$26,325.00

Total Estimated Net Cost Change

Estimated Contract Time:

0 Working Days

Total Estimated Net Working Days Change

PART 3: Culvert Pipe Repair

This change is being made to repair an existing culvert in the north-bound lane of Center Road at sta. 761+30 which is seeping stormwater upward and onto the newly planed asphalt roadway surface.

New Item 27 Culvert Pipe Repair, L.S.

This change order adds the new item "Item 27 Culvert Pipe Repair, L.S." per Standard Specification 1-04.4. This change order provides for asphalt sawcutting, excavation and removal of the existing broken concrete culvert pipe, installation of 13 L.F. of new 6" diam. PVC culvert drain pipe, Crushed Surfacing Base Course bedding and backfill rock, 1.5 tons of 4" thick HMA pavement repair, sweeping, and traffic control. This change requires an additional \$17,262.00 L.S.

Estimated cost is: \$17,262.00

Change in Contract Time: 0 additional Working Days

Change Order 1, Part 3 Summary:

Estimated Cost:

\$17,262.00

Total Estimated Net Cost Change

Estimated Contract Time:

0 Working Days

Total Estimated Net Working Days Change

PART 4: Plastic Drainage Marking

This change is being made in order to remove installation of plastic drainage markers from the contract and have Jefferson County forces install the plastic drainage markers in conjunction with installation of plastic culvert numbers.

Existing Item 18 Plastic Drainage Marking, EA.

This change order deletes the existing "Item 18 Plastic Drainage Marking, EA." per Standard Specification 1-04.4. Removing this item from the contract will allow earlier work completion and close-out of the contract. Jefferson County forces will be used to install the plastic drainage markers and the plastic culvert numbers. This change reduces the contract amount by \$6,496.00.

Estimated Cost: -\$6,496.00

Change in Contract Time: 0 reduction in Working Days.

Change Order 1, Part 4 Summary:

Estimated Cost:

-\$6,496.00

Total Estimated Net Cost Change

Estimated Contract Time:

0 Working Days

Total Estimated Net Working Days Change

Total Change Order 1 Summary:

Estimated Cost:

\$21,892.23	Part 1: Change of Planing and Paving Width
\$26,325.00	Part 2: Crack Sealing
\$17,262.00	Part 3: Culvert Pipe Repair
<u>-\$6,496.00</u>	Part 4: Plastic Drainage Marking
\$58,983.23	Total Estimated Net Cost Change

Estimated Contract Time:

0 Working Days	Part 1: Change of Planing and Paving Width
0 Working Days	Part 2: Crack Sealing
0 Working Days	Part 3: Culvert Pipe Repair
<u>0 Working Days</u>	Part 4: Plastic Drainage Marking
0 Working Days	Total Estimated Net Working Days Change

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	ESTIMATED NET CHANGE THIS ORDER	ESTIMATED CONTRACT TOTAL AFTER CHANGE	
\$1,112,583.65	\$1,112,583.65	\$58,983.23	\$1,171,566.88	
ORIGINAL CONTRACT TIME	CURRENT CONTRACT TIME	CONTRACT TIME CHANGE (Add/Del)	NEW CONTRACT TIME	
25 Working Days	25 Working Days	0 Working Days	25 Working days	

APPROVAL RECOMMENDED



Project Manager

Date

APPROVAL RECOMMENDED



County Engineer

Date

APPROVAL RECOMMENDED



Engineering Services Manager

Date

APPROVED



Chair, Jefferson County Commissioners

Date

Sheet 4 of 5		JEFFERSON COUNTY DEPARTMENT OF PUBLIC WORKS					Contract No.				1802096
							Change				
Date:	6/3/2024	CHANGE ORDER 1 (PARTS 1, 2, 3, and 4) ESTIMATE					Order No.				1
ITEM	GROUP	DESCRIPTION	EXISTING	EXISTING	EXISTING	EXISTING	NEW	NEW	NEW	NEW	
NO	NO		UNIT	UNIT	TOTAL	TOTAL	UNIT	UNIT	TOTAL	TOTAL	AMOUNT
			MEASURE	PRICE	QUANTITY	AMOUNT	MEASURE	PRICE	QUANTITY	AMOUNT	CHANGE
PART 1: CHANGE OF PLANING AND PAVING WIDTH											
EXISTING ITEM											
10	N/A	Planing Bituminous Pavement	SY	\$2.11	60000.00	\$126,600.00	SY	\$2.11	61293.33	\$129,328.93	\$2,728.93
	Total Item 10		SY	\$2.11	60000.00	\$126,600.00	SY	\$2.11	61293.33	\$129,328.93	\$2,728.93
12	N/A	HMA CL. 1/2 In. PG 58H-22	TON	\$95.00	8185.00	\$777,575.00	TON	\$95.00	8358.34	\$794,042.30	\$16,467.30
	Total Item 12		TON	\$95.00	8185.00	\$777,575.00	TON	\$95.00	8358.34	\$794,042.30	\$16,467.30
21	N/A	Project Temporary Traffic Control	L.S.	\$55,000.00	1.00	\$55,000.00	L.S.	\$57,696.00	1.00	\$57,696.00	\$2,696.00
	Total Item 21		L.S.	\$55,000.00	1.00	\$55,000.00	L.S.	\$57,696.00	1.00	\$57,696.00	\$2,696.00
	TOTAL PART 1					\$959,175.00				\$981,067.23	\$21,892.23
PART 2: CRACK SEALING											
NEW ITEM											
26	N/A	Crack Sealing	N/A	\$0.00	0.00	\$0.00	L.S.	\$26,325.00	1.00	\$26,325.00	\$26,325.00
	Total Item 26		N/A	\$0.00	0.00	\$0.00	L.S.	\$26,325.00	1.00	\$26,325.00	\$26,325.00
	TOTAL PART 2					\$0.00				\$26,325.00	\$26,325.00

