



Yamhill County Public Works Department

2060 NE Lafayette Avenue, McMinnville, OR 97128
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John F. Phelan
Road Director

William A. Gille, P.E.
County Engineer

Catherine Lindberg
Office Manager

September 28, 2015

TO: Board of Commissioners
Administrator Laura Tschabold
Deputy Administrator Chuck Vesper
Commissioner Stan Primozych
Lucy Flores-Mendez

SECOND REVISION

RE: C&M Excavation and Utilities contract for Abbey/Kuehne/Hendricks

Due to overruns in materials, subgrade stabilization, embankment construction and the extension of the intersection project to meet the previously paved portion of Abbey Road, as well as additional flagging hours for these expanded operations, the total project cost was \$937,364.60, exceeding the contract price of \$831,790 by \$105,574.60. The original contract was approved under B.O. # 15-136.

There was a Change Order, approved under B.O. #15-209 on June 25, 2015, for an additional \$56,540. That additional work actually cost \$58,000, or \$1,460 more.

The total project cost of \$995,364.60 exceeded the original contract and Change Order by \$107,034.60.

Please see attached Invoice #4 from C&M Excavation. Please also see the attached e-mail from Jake Wisner, Sr. Project Engineer from CARDNO, addressing the unforeseen soft spots and additional overlay for Abbey Road.

I request that the Board of Commissioners approve and authorize payment to C&M Excavation and Utilities for the additional work performed during the intersection improvement at Abbey/Kuehne/Hendricks.

John F. Phelan
Director, Yamhill County Public Works

Accepted by Yamhill County
Board of Commissioners on
10.1.15 by Board Order
15-402



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John F. Phelan
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June 23, 2015

TO: Board of Commissioners
Administrator Laura Tschabold
Commissioner Stan Primozich
Lucy Flores-Mendez

RE: Change Order on Abbey/Kuehne/Hendricks construction contract

It has become obvious from field observations that we have a soft and spring laden subgrade that is not conducive to building embankments. This puts us in a situation of importing enough stone embankment to get a base started that is conducive to the acceptance of the reject embankment material that was initially anticipated. I have summarized initial areas that we think will need this treatment.

Abbey Road	3164 SY @ (1')	= 1053CY
Kuehne(E)Ditch	378SY @ (1.5')	= 189CY
Kuehne(E)Pond	583SY @ (1.5')	= 292CY
Hendricks Ditch	1925SY @ (1')	= 641CY

TOTAL = 2,175 CY x1.3 (Compaction and Waste) = 2827TCY

C&M Excavation will provide this work for \$20.00/TCY, or an additional \$56,540.00. I recommend that this necessary change be approved by the Board of Commissioners.

John F. Phelan
Director, Yamhill County Public Works

Accepted by Yamhill County
Board of Commissioners on

6.25.15 by Board Order
15-209

B.O. 15-402

Catherine C. Lindberg

From: Jake Wiser <Jake.Wiser@cardno.com>
Sent: Thursday, September 10, 2015 6:20 PM
To: Catherine C. Lindberg
Cc: Tony Roos; Bill Sproul (bills@candmexcavation.com)
Subject: Final AKH Billing
Attachments: AKH Billing (August) BOLI.pdf; AKH Billing (August) Info.pdf; AKH Billing (August) Ledger-Signed.pdf

Hi Catherine,

Please see attached approved final billing for the AKH project.

A few things to note:

The additional overlay for Abbey was approximately \$39,000 which doesn't account for additional flagging hours. The project encountered numerous unforeseen soft spots in the subgrade and hence we had CCO#1 with additional subgrade stabilization. Overall, we would have come pretty close to meeting our original contract amount if it weren't for some unforeseen additional quantities needed to produce a great project.

Thanks!

Jake Wiser PE
SENIOR PROJECT ENGINEER
ENGINEERING & ENVIRONMENTAL SERVICES DIVISION
CARDNO



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Project Name:

C&M Excavation & Utilities, LLC
 Abbey/Kuehne/Hendricks Intersection

Date: 8/1/15-8/31/15
 Invoice #: 4

Vendor Name: C&M Excavation
 Vendor Code: NA

Activity	Code	Description	Original Contract Amount	Current Contract Amount	Previously Billed	Current Invoice Amount	Total Billed to Date	Percent Complete	Remaining In Contract
14001	338	Mobilization	\$ 64,700.00	\$ 64,700.00	\$ 64,700.00	\$ -	\$ 64,700.00	100%	\$ -
14002	339	Traffic Control	\$ 10,200.00	\$ 10,200.00	\$ 6,760.00	\$ 3,440.00	\$ 10,200.00	100%	\$ -
14003	340	Flags	\$ 16,000.00	\$ 16,000.00	\$ 12,925.00	\$ 16,700.00	\$ 29,625.00	185%	\$ (13,625.00)
14004	341	Temporary Fence	\$ 2,610.00	\$ 2,610.00	\$ -	\$ 2,610.00	\$ 2,610.00	100%	\$ -
14005	342	Erosion Control	\$ 10,000.00	\$ 10,000.00	\$ 6,600.00	\$ 3,400.00	\$ 10,000.00	100%	\$ -
14006	343	Removal of Structures	\$ 13,644.00	\$ 13,644.00	\$ 11,572.00	\$ 2,072.00	\$ 13,644.00	100%	\$ -
14007	344	Cleaning&Grubbing	\$ 31,304.00	\$ 31,304.00	\$ 31,304.00	\$ -	\$ 31,304.00	100%	\$ -
14008	345	General Excavation	\$ 49,840.00	\$ 49,840.00	\$ 39,820.00	\$ 21,260.00	\$ 61,180.00	123%	\$ (11,340.00)
14009	347	Embankment	\$ 78,732.00	\$ 78,732.00	\$ 63,000.00	\$ 47,160.00	\$ 110,160.00	140%	\$ (31,428.00)
14010	348	Subgrade Stabilization	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,800.00	\$ 8,800.00	220%	\$ (4,800.00)
14011	350	Subgrade Geotextile	\$ 18,736.00	\$ 18,736.00	\$ 12,250.00	\$ 6,486.00	\$ 18,736.00	100%	\$ -
14012	350	12" Storm Drain	\$ 11,232.00	\$ 11,232.00	\$ 11,232.00	\$ 4,032.00	\$ 15,264.00	136%	\$ (4,032.00)
14013	351	36" Storm Drain	\$ 12,750.00	\$ 12,750.00	\$ 12,750.00	\$ 1,700.00	\$ 14,450.00	113%	\$ (1,700.00)
14014	352	Cold Planting (2")	\$ 4,848.00	\$ 4,848.00	\$ -	\$ 4,848.00	\$ 4,848.00	100%	\$ -
14015	351	Aggregate Base	\$ 152,070.00	\$ 152,070.00	\$ 99,850.00	\$ 53,220.00	\$ 152,070.00	100%	\$ -
14016	352	Level 3, 1/2" Dense HMA	\$ 321,286.00	\$ 321,286.00	\$ -	\$ 359,937.60	\$ 359,937.60	112%	\$ (38,649.60)
14017	353	Extra for AC Approaches	\$ 2,408.00	\$ 2,408.00	\$ -	\$ 2,408.00	\$ 2,408.00	100%	\$ -
14018	356	Barbed Wire Fence	\$ 6,720.00	\$ 6,720.00	\$ 6,720.00	\$ -	\$ 6,720.00	100%	\$ -
14019	357	Sheet Pile	\$ 19,308.00	\$ 19,308.00	\$ 7,824.00	\$ 11,484.00	\$ 19,308.00	100%	\$ -
14020	364	Gates (Behlen)	\$ 1,400.00	\$ 1,400.00	\$ -	\$ 1,400.00	\$ 1,400.00	100%	\$ -
		Subtotal	\$831,790.00	\$831,790.00	\$390,407.00	\$546,957.60	\$937,354.60	113%	\$105,574.60
		CHANGE ORDERS							
14021		CCO#1 Same Embankment 2827 TCY@20.00	\$ 56,540.00	\$ 56,540.00	\$ 58,000.00	\$ -	\$ 58,000.00	103%	\$ (1,460.00)
		Total Due	\$888,330.00	\$888,330.00	\$448,407.00	\$546,957.60	\$995,354.60	112%	\$107,034.60
		RETAINAGE							
		TOTAL DUE				\$546,957.60	\$995,354.60		

APPROVAL SIGNATURE / DATE

CARDINO ENGINEERING, INC.