

County Engineer  
Environmental Engineer  
Building Department  
233 W. Sixth Street  
Marysville, Ohio 43040  
P 937.645.3018  
F 937.645.3161  
[www.co.union.oh.us/engineer](http://www.co.union.oh.us/engineer)

Marysville Operations Facility  
16400 County Home Road  
Marysville, Ohio 43040  
P 937.645.3017  
F 937.645.3111

Richwood Outpost  
190 Beatty Avenue  
Richwood, Ohio 43344

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## ADDENDUM #1

FROM: Union County Engineers Office  
Emily Wieringa

DATE: February 23, 2010

RE: **UNI-TR99-0.24 Bridge Replacement**

PAGES (including cover): 8

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This addendum supplements and amends the original Drawings and Specification issued and shall be taken into account in preparing proposals, and shall become a part of the Contract Documents.

1. Revise all Type 2 Pavement Marking references to Type 1 Pavement Marking. A revised Proposal is attached herein and can be found on the Engineer's website at [www.co.union.oh.us/engineer](http://www.co.union.oh.us/engineer) under the Bid Info section.
2. Clarification: Existing structure removal shall be in accordance with Item 202 of the ODOT 2008 C&MS.
3. Reference Sheet 23/35, Sign Details Section: Add the following Signage Notes:
  1. THE FACING MATERIALS OF THE SIGN SHALL BE MADE OF A HIGH DENSITY, POLYURETHANE BOARD SUBSTRATE. THE URETHANE SIGN MATERIAL SHALL BE SANDBLASTED OR CARVED. THE SHALL HAVE 2010 AND MILL CREEK LABELED IN THE SIGN. THE SIGN SHALL BE FINISHED/PAINTED WITH APPROVED MATERIALS IN A TWO-TONE COLOR SCHEME.
  2. THE URETHANE SIGN SHALL MEET ALL OF THE FOLLOWING SPECIFICATIONS:

-TRADE NAME:	SIGN-FOAM OR EQUIVALENT
-OVERALL THICKNESS:	2-1/2"
-DENSITY:	15 PCF
-COMPRESSIVE MODULUS:	62584 PSI
-COMPRESSIVE STRENGTH:	617 PSI
-FLEXURAL STRENGTH:	657 PSI

3. STAINLESS STEEL (1/2" DIAMETER) LAG SCREWS SHALL ATTACH THE SIGN DIRECTLY TO THE WOOD SIDING. THE ENGINEER MAY REQUIRE THAT THE LAG SCREWS BE RECESSED AND HIDDEN. IF THEY ARE LEFT EXPOSED, LAG SCREWS SHALL BE PAINTED.

4. AN EXAMPLE OF A URETHANE MATERIAL SUPPLIER AND A LOCAL SIGNAGE FABRICATOR (LETTERING SUPPLIER) ARE:

URETHANE SUPPLIER

SIGN ARTS PRODUCTS CORP  
34700 PACIFIC COAST HWY  
DANA POINT, CA 92624  
(P) 800.338.4030

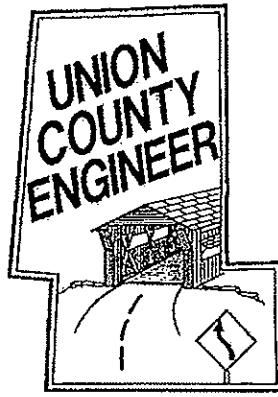
SIGNAGE/LETTERING

UC SIGNS  
110 W. MAIN STREET  
UNIONVILLE CENTER, OH 43077  
(P) 614.873.5834

5. OTHER FABRICATORS MUST BE APPROVED BY THE ENGINEER PRIOR TO FINAL SELECTION.

4. Meeting minutes from the February 17, 2009 Pre-Bid meeting are included herein and shall be incorporated into the Contract Documents. The attendance sheet from the meeting is also included herein this addendum.

**Please note and sign the bottom portion of 6.6 of the bid packet proposal acknowledging that this Addendum was received.**



## PRE-BID MEETING MINUTES

**Project:** TR99-0.24 Bridge Replacement

**Date/Time:** February 17, 2010 at 10:00 a.m.

**Location:** County Commissioners Hearing Room

### **A. Introductions**

1. Union County  
County Engineer: Jeff Stauch  
Project Engineer: Emily Wieringa  
Project Designer: Josh Holtschulte  
Contract Administrator: Linda Reigle

### **B. Notice to Bidders**

1. Sealed proposals must be received at 11:00a, March 4<sup>th</sup>, in the office of the Board of Commissioners. The proposals will be opened and read aloud at 11:30a.
2. Bidder's are required to furnish Bid Guaranty and Contract Bonds in accordance with ORC Section 153.54
3. There is a Disadvantage Business Enterprise Goal of 4% set for this project.
4. The Estimate is \$1,504,000
5. This project has ARRA funds – Provisions are set forth in Contract Documents
6. This project falls under federal requirements of Davis-Bacon Act for Prevailing Wage. Prevailing Wage rates/information is located in the bid packet.
7. Only pre-qualified contractors are eligible to submit bids and the successful bidder must remain pre-qualified through the completion of the Contract.

### **C. Contract Document Review**

1. Schedule is critical and the delivery of the glue laminate components is a critical item.
2. Completion Date for the project is no later than November 30, 2010
3. Make sure to note the milestone activities that are part of these Contract Documents.
4. The Nationwide Permit from the Army Corps of Engineers has been received and is on file in our office where copies can be obtained upon request.

5. All the trees will be removed prior to April 1 and stumps as shown on the Contract Documents will be all that remains.
6. Soil boring information can also be obtained upon request
7. Sign in sheet is attached to these minutes

**D. Questions**

1. All questions must be addressed in writing and can be emailed to Emily Wieringa at [ewieringa@co.union.oh.us](mailto:ewieringa@co.union.oh.us)

### UNI-TR 99 - 0.24 Bridge Replacement Proposal

TO: Board of Commissioners, Union County, Ohio  
 PROJECT: UNI-TR99 - 0.24 BRIDGE REPLACEMENT

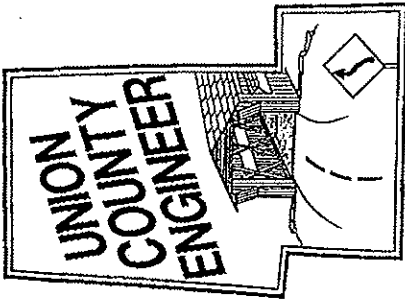
The undersigned, having full knowledge of the site(s) of the Project, the specifications applicable to the Project, and the conditions of this Proposal hereby agrees to furnish all services, labor, materials and equipment necessary to complete the Project in accordance with the Plans and Detailed Specifications, within the time specified for completion and to accept payment in accordance with the unit prices stated below as full compensation for all furnished services, labor, material & equipment.

REF#	ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE BID	BID AMOUNT
<b>ROADWAY</b>						
1	201	CLEARING AND GRUBBING	LUMP	1		
2	202	GUARDRAIL REMOVAL	LIN FT	559		
3	202	FENCE REMOVED	LIN FT	165		
4	203	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	CU YD	337		
5	203	EMBANKMENT	CU YD	656		
6	203	SUBGRADE COMPACTION	SQ YD	589		
7	304	6" AGGREGATE BASE	CU YD	11		
8	606	GUARDRAIL TYPE 5	LIN FT	375		
9	606	ANCHOR ASSEMBLY, TYPE A	EACH	3		
10	606	ANCHOR ASSEMBLY, TYPE T	EACH	1		
11	606	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	EACH	4		
			<b>subtotal</b>			
<b>TRAFFIC CONTROL</b>						
12	626	BARRIER REFLECTOR, TYPE A2	EACH	13		
13	630	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	EACH	7		
14	630	SIGN, FLAT SHEET, TYPE F, AS PER PLAN	SQ FT	6.25		
15	630	GROUND MOUNTED SUPPORT, NO. 3 POST	LIN FT	14		
16	642	EDGE LINE, TYPE-2 TYPE 1	MILE	0.16		
17	642	CENTER LINE, TYPE-2 TYPE 1	MILE	0.08		
18	614	TEMPORARY CENTERLINE, CLASS II	MILE	0.16		
19	614	AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) SIGN; CONVENTIONAL ROAD	EACH	2		
			<b>subtotal</b>			
<b>EROSION CONTROL</b>						
20	601	ROCK CHANNEL PROTECTION, TYPE D	CU YD	82		
21	832	CONSTRUCTION SEEDING AND MULCHING	SQ YD	1000		
22	832	PERIMETER FILTER FABRIC FENCE	LIN FT	1000		
23	832	FILTER FABRIC DITCH CHECK	LIN FT	20		
24	832	STORM WATER POLLUTION PREVENTION PLAN	EACH	1		
25	870	SEEDING AND MULCHING	SQ YD	2088		
26	870	COMMERCIAL FERTILIZER	TON	0.19		
27	870	WATER	M GAL	6		
			<b>subtotal</b>			

REF#	ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE BID	BID AMOUNT
<b>PAVEMENT</b>						
28	302	BITUMINOUS AGGREGATE BASE, PG 64-22	CU YD	78		
29	304	AGGREGATE BASE	CU YD	70		
30	407	TACK COAT FOR INTERMEDIATE COURSE	GAL	74		
31	408	BITUMINOUS PRIME COAT	GAL	187		
32	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22	CU YD	26		
33	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22	CU YD	18		
34	603	6" CONDUIT, TYPE B	LIN FT	50		
35	603	6" CONDUIT, TYPE E	LIN FT	50		
36	603	6" CONDUIT, TYPE F	LIN FT	50		
37	605	AGGREGATE DRAINS	LIN FT	125		
38	611	REINFORCED CONCRETE APPROACH SLAB (T=13")	SQ YD	94		
39	614	MAINTAINING TRAFFIC	LUMP	1		
40	616	WATER	M GAL	6		
41	616	CALCIUM CHLORIDE	TON	1		
42	617	AGGREGATE SHOULDERS	CU YD	51		
				<b>subtotal</b>		
<b>BRIDGE SUPERSTRUCTURE</b>						
43	513	STRUCTURAL STEEL: MISC PLATES, RODS, ASSEMBLIES	LB	56121		
44	513	STRUCTURAL STEEL: MISC HARDWARE	LUMP	1		
45	514	FIELD PAINTING, MISC: STAINING OF SIDING AND TRIM	SQ FT	8775		
46	514	FIELD PAINTING, MISC: ANTI-GRAFFITI	SQ FT	8775		
47	521	BRIDGE TIMBER, MISC: PRATT TRUSSES, GLULAM	MFBM	32.76		
48	521	BRIDGE TIMBER, MISC: FLOOR SYSTEM, GLULAM	MFBM	57.09		
49	521	BRIDGE TIMBER, MISC: ROOF SYSTEM, GLULAM	MFBM	14.81		
50	521	BRIDGE TIMBER, MISC: PRATT TRUSSES, MISC	MFBM	2.4		
51	521	BRIDGE TIMBER, MISC: FLOOR SYSTEM, MISC	MFBM	1.97		
52	521	BRIDGE TIMBER, MISC: ROOF SYSTEM, MISC	MFBM	4.26		
53	521	BRIDGE TIMBER, MISC: SIDING, TRIM AND AWNING	SQFT	5803		
54	521	BRIDGE TIMBER, MISC: BEARING BLOCKS	LUMP	1		
55	530	SPECIAL-STRUCTURE: METAL ROOFING	SQ FT	6857		
56	530	SPECIAL-MISC: BRIDGE SIGNAGE	LUMP	1		
				<b>subtotal</b>		

REF#	ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE BID	BID AMOUNT
		<b>BRIDGE SUBSTRUCTURE</b>				
57	448	1 1/4" ASPHALT CONCRETE INTERMD.COURSE, TYPE 1, PG64-22	CU YD	16		
58	448	1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	CU YD	16		
59	503	UNCLASSIFIED EXCAVATION, AS PER PLAN	LUMP	1		
60	509	EPOXY REINFORCING STEEL	LB	14337		
61	511	CLASS C, CONCRETE ABUTMENT, INCLUDING FOOTING	CU YD	194		
62	516	1" PREFORMED EXPANSION JOINT FILLER	SQ FT	52		
63	518	POROUS BACKFILL WITH FILTER FABRIC	LUMP	1		
64	518	6" PERFORATED CORRUGATED PLASTIC PIPE	LIN FT	116		
65	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCL SPECIALS	LIN FT	70		
66	864	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	SQ YD	104		
67	Special	SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	LIN FT	52		
68	524	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK	LIN FT	56		
69	524	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK	LIN FT	60		
			<b>subtotal</b>			
70	202	STRUCTURE REMOVED, OVER 20 FOOT SPAN	LUMP	1		
71	601	DUMPED ROCK FILL, TYPE D, AS PER PLAN	CU YD	300		
72	623	CONSTRUCTION LAYOUT STAKES	LUMP	1		
73	624	MOBILIZATION	LUMP	1		
74	806	FIELD OFFICE, TYPE A	MONTH	9		
75	SPECIAL	CONSTRUCTION SCHEDULE	LUMP	1		
76	SPECIAL	PERFORMANCE AND PAYMENT BOND	LUMP	1		

**TOTAL AMOUNT OF BID FOR TR99 BRIDGE REPLACEMENT**



UNI Thompson Road (TR99) Bridge Replacement

Pre-Bid Conference

February 17, 2010 @ 10:00 AM

SIGN-IN SHEET

<u>NAME</u>	<u>COMPANY</u>	<u>PHONE</u>	<u>EMAIL</u>	<u>CELL</u>	<u>FAX</u>
Emily Weisinga	UCED	937.645.3115			
Steve Zachrich	Mc Zachrich	919/782-7896	Steve@ZachrichConstruction.com	419/576-0026	419/782-1433
Tim Givens	Shaw & Holter, Inc.	740-653-1864	shaw-holter@colombus.rr.com		740-653-7919
Jason Smith	ODOT	740-833-8062	Jason.Smith@DOT.OH.US		
J.R. Rostorfer	ODOT	540-833-8078	J.R.Rostorfer@DOT.Oh.us		
Bill Wyner	The Righter Co.	614-272-9700	bill@rightercompany.com		614-274-3325
Whiter Florence	REI	419-937-5395			
Tom Frantz (55)	Eagle Bridge	937-492-5654	t.jf@eaglebridge.net		
Linda Reigh	UCED	937-645-3018			