


ADDENDUM NO. 2

ISSUED BY: Howe Company LLC
804 E. Patton Street
Macon, MO 63552


4-17-2025

DATE: April 17, 2025

FOR: LEWIS COUNTY BRIDGE 12200071
BRO-R056(015)

The attached revisions hereby supersede any and all data with which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original set. Each trade is responsible for changes in its work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

THIS ADDENDUM SHALL BECOME A PART OF THE SPECIFICATIONS NOTED ABOVE.
RECEIPT OF THIS ADDENDUM SHOULD BE ACKNOWLEDGED ON THE BID FORM.

The plan quantities for HP12x53 Pile (Galvanized Full Length), Pre-Boring for Piling, and Class B-1 Substructure Concrete have been adjusted to more accurately reflect the project plans and specifications. A new plan sheet 2 and a new bid form are issued with this addendum to replace the original sheets.

There is no change in the bid date or time.

LEWIS COUNTY BRIDGE NO. 12200071 BRO-R056(15)
ITEMIZED BID FORM (ISSUED WITH ADDENDUM #2)
ROADWAY ITEMS BY CONTRACTOR

PAGE 1

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	201	Clearing and Grubbing	ACRE	1.95	\$	\$
2	202	Removal of Improvements	L.S.	1	XXXX	\$
3	203	Unclassified Excavation	C.Y.	3,146	\$	\$
4	203	Embankment in Place	C.Y.	12,198	\$	\$
5	310	4" Thick Layer Roadway Aggregate	S.Y.	2,407	\$	\$
6	606	MGS Guardrail System	L.F.	169	\$	\$
7	606	Type E Guardrail	L.F.	25	\$	\$
8	606	Guardrail Transition Section	EACH	3	\$	\$
9	606	Thrie Beam End Shoe	EACH	1	\$	\$
10	606/JSP	Crashworthy End Terminal	EACH	3	\$	\$
11	607	Fence (Woven Wire)	L.F.	814		\$
12	607	Temporary Fence (3 Strand Electrified)	L.F.	775	\$	\$
13	607	16' Gate	EACH	2	\$	\$
14	611.3	Furnishing MoDOT Type 2 Rock Blanket	C.Y.	856	\$	\$

**LEWIS COUNTY BRIDGE NO. 12200071 BRO-R056(15)
ITEMIZED BID FORM (ISSUED WITH ADDENDUM #2)
ROADWAY ITEMS BY CONTRACTOR**

PAGE 2

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
15	611.3	Placing MoDOT Type 2 Rock Blanket	C.Y.	856	\$ _____	\$ _____
16	616	Movable Barricades	EACH	4	\$ _____	\$ _____
17	616	Construction Signs	S.F.	45	\$ _____	\$ _____
18	616	Construction Sign Posts	L.F.	50	\$ _____	\$ _____
19	618	Mobilization	L.S.	1	XXXX	\$ _____
20	624	MoDOT Perm. Erosion Control Fabric	S.Y.	1,374	\$ _____	\$ _____
21	627	Contractor Surveying & Staking	L.S.	1	XXXX	\$ _____
22	805/JSP	Seeding and Mulching	ACRE	1.86	\$ _____	\$ _____
23	806	Silt Fence	L.F.	940	\$ _____	\$ _____
24	1020	18" C.M.P. Culvert	L.F.	60	\$ _____	\$ _____
25	JSP	Storm Water Pollution Prevention Plan (S.W.P.P.P.)	EACH	1	\$ _____	\$ _____

Sub-Total Roadway Items = \$ _____

BRIDGE ITEMS BY CONTRACTOR

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
26	206	Excavation For Structure	L.S.	1	XXXX	\$ _____

LEWIS COUNTY BRIDGE NO. 12200071 BRO-R056(15)
ITEMIZED BID FORM (ISSUED WITH ADDENDUM #2)
BRIDGE ITEMS BY CONTRACTOR

PAGE 3

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
27	216	Removal of Bridge	L.S.	1	XXXX	\$
28	501	Class B-1 Substructure Concrete	C.Y.	163	\$	\$
29	501	Class B-2 Superstructure Concrete	C.Y.	170	\$	\$
30	701	Drilled Shafts (3'-6" Dia.)	L.F.	45	\$	\$
31	702	Rock Sockets (3'-0" Dia.)	L.F.	105	\$	\$
32	701	Foundation Inspection Holes	L.F.	165	\$	\$
33	701	Sonic Logging Testing	EA	6	\$	\$
34	701	Supplemental Television Camera Inspection	EA	6	\$	\$
35	702/JSP	HP12x53 Pile (Galvanized Full Length)	L.F.	272	\$	\$
36	702	Pile Points	EACH	8	\$	\$
37	702	Pre-Boring	L.F.	72	\$	\$
38	705	Prestressed Concrete Deck Panels	S.Y.	261	\$	\$
39	705	Prestressed Concrete NU 35 Girder (Span 1-2)	EACH	3	\$	\$
40	705	Prestressed Concrete NU 35 Girder (Span 2-3)	EACH	3	\$	\$

LEWIS COUNTY BRIDGE NO. 12200071 BRO-R056(15)
ITEMIZED BID FORM (ISSUED WITH ADDENDUM #2)
BRIDGE ITEMS BY CONTRACTOR

PAGE 4

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
41	705	Prestressed Concrete NU 35 Girder (Span 3-4)	EACH	3	\$	\$
42	706	Reinforcing Steel	LBS.	92,148	\$	\$
43	713	Type SL-1 Railing	L.F.	450	\$	\$
44	715	Vertical Drain At End Bents	EACH	2	\$	\$
45	716	Plain Neoprene Bearing Pads (1/2")	EACH	18	\$	\$

Sub-Total Bridge Items = \$

TOTAL CONTRACT = \$

Submitted By: _____

Representing: _____

Acknowledgement fo Addendums

Addendum # Acknowledgement Signature

1 _____

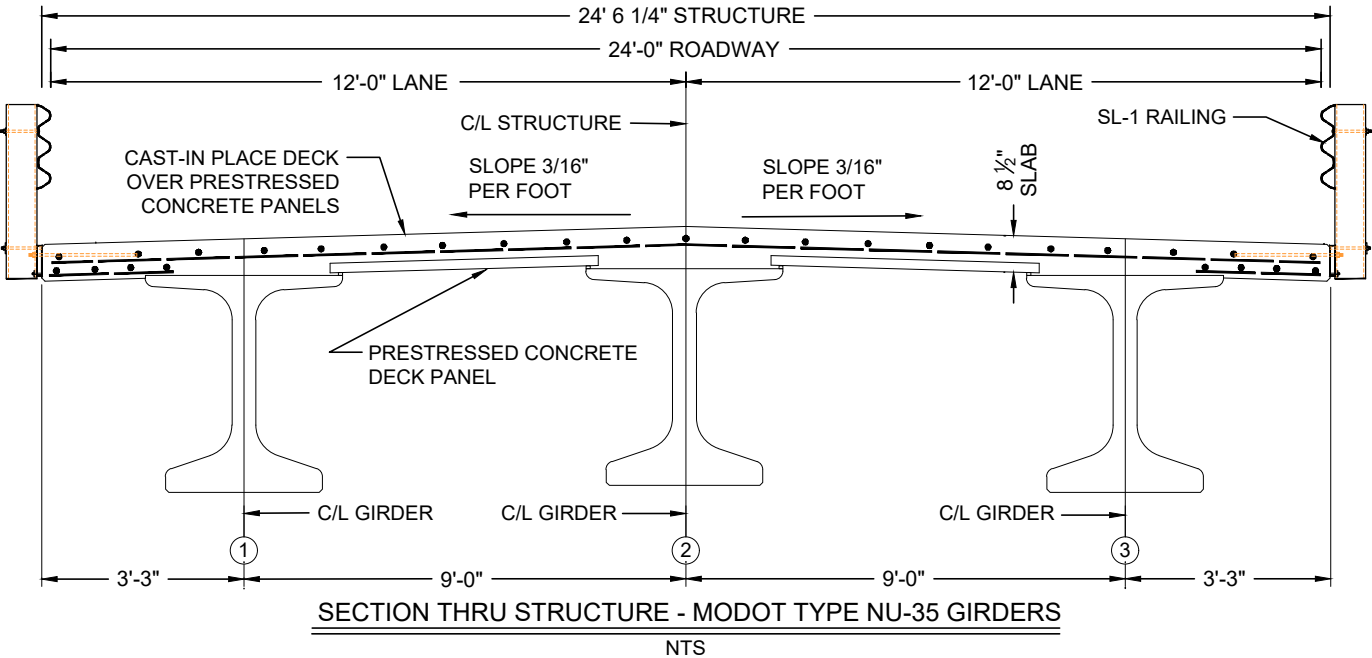
2 _____

HYDROLOGIC DATA		
EXISTING BRIDGE DECK ELEV.	FT.	546.50
DRAINAGE AREA	SQ. MI.	391
DESIGN FREQUENCY	YEARS	25
DESIGN DISCHARGE	CFS.	19,900
DESIGN HIGH WATER AT THE STRUCTURE	FT.	550.22
LOW ELEVATION OF SUPERSTRUCTURE	FT.	554.00
100 YEAR DISCHARGE	CFS.	26,400
100 YEAR HIGH WATER ELEVATION AT THE STRUCTURE	FT.	552.68

WORK TO BE PERFORMED BY CONTRACTOR			
ITEM	DESCRIPTION - ROADWAY ITEMS	UNITS	EST. QTY.
201	CLEARING AND GRUBBING	ACRE	1.95
202	REMOVAL OF IMPROVEMENTS	L.S.	1
203	UNCLASSIFIED EXCAVATION	C.Y.	3,146
203	EMBANKMENT IN PLACE	C.Y.	12,198
310	4" THICK LAYER ROADWAY AGGREGATE	S.Y.	2,407
606	MGS GUARDRAIL SYSTEM	L.F.	169
606	TYPE E GUARDRAIL SYSTEM	L.F.	25
606	GUARDRAIL TRANSITION SECTION	EACH	3
606	THRIE BEAM END SHOE	EACH	1
606/JSP	CRASHWORTHY END TERMINAL	EACH	3
607	FENCE (WOVEN WIRE)	L.F.	814
607	TEMPORARY FENCE (3 STRAND ELECTRIFIED)	L.F.	775
607	16' GATE	EACH	2
611.30	FURNISHING TYPE 2 ROCK BLANKET	C.Y.	856
611.30	PLACING TYPE 2 ROCK BLANKET	C.Y.	856
616	MOVABLE BARRICADES	EACH	4
616	CONSTRUCTION SIGNS	S.F.	45
616	CONSTRUCTION SIGN POSTS	L.F.	50
618	MOBILIZATION	L.S.	1
624	MODOT PERM. EROSION CONTROL FABRIC	S.Y.	1,374
627	CONTRACTOR SURVEYING & STAKING	L.S.	1
805/JSP	SEEDING	ACRE	1.86
806	SILT FENCE	L.F	940
1020	18" C.M.P. 14 GA. ALUMINIZED	L.F.	60
JSP	STORM WATER POLLUTION PREVENTION PLAN (S.W.P.P.P.)	L.S.	1
BRIDGE ITEMS		UNITS	EST. QTY.
206	EXCAVATION FOR STRUCTURE	L.S.	1
216	REMOVAL OF BRIDGE	L.S.	1
501	CLASS B-1 SUBSTRUCTURE CONCRETE	C.Y.	163
501	CLASS B-2 SUPERSTRUCTURE CONCRETE	C.Y.	170
701	DRILLED SHAFTS (3'-0")	L.F.	45
701	ROCK SOCKETS (3'-0")	L.F.	105
701	FOUNDATION INSPECTION HOLES	L.F.	165
701	SONIC LOGGING TESTING	EACH	6
701	SUPPLEMENTAL TELEVISION CAMERA INSPECTION	EACH	6
702/JSP	HP12x53 PILE (GALVANIZED FULL LENGTH)	L.F.	272
702	PILE POINTS	EACH	8
702	PRE-BORING FOR PILING	L.F.	72
705	PRESTRESSED CONCRETE DECK PANELS	S.Y.	261
705	PRESTRESSED CONC. NU 35 GIRDERS SPAN 1-2	EACH	3
705	PRESTRESSED CONC. NU 35 GIRDERS SPAN 2-3	EACH	3
705	PRESTRESSED CONC. NU 35 GIRDERS SPAN 3-4	EACH	3
706	REINFORCING STEEL	LBS.	92,148
713	SL-1 RAILING	L.F.	450
715	VERTICAL DRAIN AT END BENTS	EACH	2
716	PLAIN NEOPRENE BEARING PADS (1/2")	EACH	18

* THESE ITEMS REQUIRE CERTIFICATION/SHOP DRAWINGS/SUBMITTAL.

FOUNDATION DATA TABLE						
BENT NO.		1	2	3	4	
NUMBER OF HP12x53 PILING		EACH	4		4	
APPROXIMATE LENGTH		FT.	31		37	
DESIGN BEARING		TONS	52		52	
MINIMUM TIP ELEVATION		FT.	533.00		533.00	
PRE-BORE ELEVATION		FT.	533.00		N/A	
ESTIMATED TIP ELEVATION		FT.	521.49		515.49	
CUT OFF ELEVATION		FT.	552.49		552.49	
MINIMUM HAMMER ENERGY		FT. LBS.	11,500		11,500	
ROCK SOCKETS	FOUNDATION MATERIAL			SHALE		
	TOP OF ROCK			FT.	523.00 +/-	523.00 +/-
	ALLOWABLE SKIN FRICTION				4 KSF	4 KSF



UTILITY CONTACT:
ELECTRIC
LEWIS COUNTY REC
LEWISTOWN, MO
888-454-4485

REVISED 4-17-25



APL	QUANTITY UPDATE	DESCRIPTION	DATE	APPR.
1	4-17-25			
<div><div><div>Howe Company LLC</div><div>MISSOURI STATE CERTIFICATE OF AUTHORITY ENGINEERING #E-2014014893 SURVEYING #S-2014015235</div></div><div><div>GENERAL NOTES AND QUANTITIES SHEET OFF SYSTEM BRIDGE REPLACEMENT PROGRAM CART ROUTE NO. 122, CO. RD. 429 BRIDGE NO. 12200071, PROJECT NO. BRO-R056(15) LEWIS COUNTY, MISSOURI</div><div><div>HOWE COMPANY, LLC 804 E. PATTON STREET, MACON, MO. 63552 OFFICE: 660-395-4693</div></div></div></div>				
DATE: AUGUST 2024 DESIGNED BY: A. LUKEFAHR DRAWN BY: P. HOWE REVIEWED BY: S. HOWE APPROVED BY: S. HOWE JOB NO. 23H3543				
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SHEET 2 OF 45				