

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April 18, 2017
Date of Addendum: April 5, 2017

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
015	97-C097-112	BRIDGE REPLACEMENT - CCS	WOODBURY	BRS-C097(112)--60-97	18APR015A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0040 2115-0100000 MODIFIED SUBBASE:
From: 244.000 CY
To: 488.000 CY

If the above changes are not made, they will be made as shown here.

Replace plan SHEET 3 & SHEET 6 with the attached plan sheets.

ESTIMATED QUANTITIES

No.	ITEM CODE	ITEM	UNIT	TOTAL
1.	2101-0850001	CLEARING AND GRUBBING	ACRE	0.94
2.	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	C.Y.	1,682
3.	2104-2710020	EXCAVATION, CLASS 10, CHANNEL	C.Y.	1,536
4.	2115-0100000	MODIFIED SUBBASE	C.Y.	488
5.	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	867
6.	2301-0690210	BRIDGE APPROACH, TWO LANE	S.Y.	462.48
7.	2301-1033090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.	S.Y.	3,038.59
8.	2401-6745625	REMOVAL OF EXISTING BRIDGE	LUMP SUM	1

SUMMARY OF BRIDGE QUANTITIES

ITEM	UNITS	SUPER STRUCTURE	ABUT. NO. 1 FOOTING	PIER NO. 1	PIER NO. 2	ABUT. NO. 2 FOOTING	TOTALS
EXCAVATION CLASS 20	C.Y.		114			121	235
STRUCTURAL CONCRETE (BRIDGE)	C.Y.	*180.0	12.0			12.0	204.0
REINFORCING STEEL	LBS		62.0			62.0	124.0
REINFORCING STEEL, EPOXY COATED	LBS	49,785	1,652			1,652	53,089
CONCRETE OPEN RAILING, TL-4	LF	202.9					202.9
HP10x42 STEEL FRICTION PILING	LF		6 AT 75.0 =450.0			6 AT 85.0 = 510.0	960.0
HP12x53 STEEL FRICTION PILING	LF			8 AT 100.0 = 800	8 AT 100.0 = 800		1,600.0
CONCRETE ENCASEMENT OF STEEL "H" PILES, HP 12x53 (P10A TYPE 3)	LF			8 AT 18.0 = 144.0	8 AT 18.0 = 144.0		288

* NOTE - INCLUDES ABUTMENT WINGS

9.	2402-2720000	EXCAVATION, CLASS 20	C.Y.	449
10.	2403-0100010	STRUCTURAL CONCRETE (BRIDGE)	C.Y.	204.0
11.	2404-7775000	REINFORCING STEEL	LB.	124
12.	2404-7775005	REINFORCING STEEL, EPOXY COATED	LB.	53,089
13.	2414-6424124	CONCRETE OPEN RAILING, TL-4	LIN. FT.	202.9
14.	2417-0330030	APRONS, SAFETY SLOPE, 30 IN. DIA.	EACH	1
15.	2417-1040030	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 30 IN. DIA.	LIN. FT.	314
16.	2501-0201042	PILES, STEEL, HP 10x42	LIN. FT.	960
17.	2501-0201253	PILES, STEEL, HP 12x53	LIN. FT.	1,600
18.	2501-5478053	CONCRETE ENCASEMENT OF STEEL H PILES, HP 12x53 (P10L TYPE 3)	LIN. FT.	288
19.	2505-4008420	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION BA-221	EACH	4
20.	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	4
21.	2505-4021722	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-225	EACH	4
22.	2507-3250005	ENGINEERING FABRIC	S.Y.	870
23.	2507-6800061	REVTMENT, CLASS E	TON	733
24.	2510-6745850	REMOVAL OF PAVEMENT	S.Y.	3,380.42
25.	2518-6910000	SAFETY CLOSURE	EACH	2
26.	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA.	29.05
27.	2528-8445110	TRAFFIC CONTROL	LUMP SUM	1
28.	2533-4980005	MOBILIZATION	LUMP SUM	1
29.	2601-2634100	MULCHING	ACRE	0.94
30.	2601-2636043	SEEDING AND FERTILIZING (RURAL)	ACRE	0.94
31.	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LIN. FT.	300

DATE: _____
 REVISION: _____
 DRAWN BY: _____
 BK _____
 DESIGNED BY: _____
 MJN _____
 APPROVED BY: _____

PROJECT DESCRIPTION: BRIDGE REPLACEMENT ON OLD 141 SEC. 31, T88N, R46W FLOYD TOWNSHIP
 SHEET DESCRIPTION: ESTIMATE OF QUANTITIES

PROJECT NO.
BRS-C097(112)-60-97

STEEL BEAM GUARDRAIL AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION

Possible Standards: BA-200, BA-201, BA-202, BA-205, BA-206, BA-211, BA-221, BA-225, BA-250, BA-260, LS-625, LS-626, LS-630, LS-635, SI-172, SI-173 and SI-211.

108-8A
Modified

- ① Lane(s) to which the obstacle is adjacent.
- ② Not a bid item. Incidental to guardrail installation.

No.	Location			Layout Lengths				Delineators and Object Markers ②				Bid Items										Remarks			
	①	Side O = Outside M = Median	Station	Offset Ft.	BA-250, BA-260, LS-630, OR LS-635				SI-211	Object Marker SI-173			Bolted End Anchor	Post Adapter	Steel Beam Guardrail	BA-250 or LS-630				BA-260 or LS-635					
					VT1	VF	VT2	ET		Type						End Terminal				Barrier Transition Section	Barrier Transition Section		End Terminal		
										White	OM-2	OM-3L				OM-3R	Tangent	Flared	Tangent					Flared	
Direction of Traffic	Station	Offset	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Station	Type	Type	Type	Type	Type	Type	Type	Type	Type	Type	Type	Type	Type	Type				
1	W	O	13+80.00	15.62' LT.	25.00	-	-	38.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
2	E	O	13+80.00	15.62' RT.	25.00	-	-	38.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
3	W	O	14+70.00	15.62' LT.	25.00	-	-	38.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
4	E	O	14+70.00	15.62' RT.	25.00	-	-	38.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1

BRIDGE APPROACH SECTION

Refer to the BR Series.

112-6
10-20-15

Location		Approach Pavement					Standard Road Plans BR Series			Subdrain				Remarks					
Bridge Station	End	Skew Ahead		Thickness Inches	Pay Length FT	Non-Reinf. Pavement Area SY	Single-Reinf. Pavement Area SY	Double-Reinf. Pavement Area SY	Approach	Fixed or Movable Abutment	Abutting Pavement	Perforated Subdrain 4"	Subdrain Outlet		Porous Backfill CY	Class "A" Crushed stone Backfill CY	Modified Subbase TON	Polymer Grid SY	
		Degrees	Thickness										LF	STA					Side
		LEFT	RIGHT										LF	STA					Side
14+25.00	S	0	30	10	70	144.44	86.8		BR-102	F	PCC	31	13+65.5	LT	2		125	229	
14+25.00	N	0	30	10	70	144.44	86.8		BR-102	F	PCC	31	14+84.5	LT	2		125	229	
TOTAL						288.88	173.6												

TABULATION OF PAVEMENT MARKINGS

LOCATION	SIDE		LENGTH IN STATIONS				TOTAL
	LT.	RT.	SOLID WHITE EDGE LINE	YELLOW CENTER LINE BROKEN	YELLOW CENTER LINE SOLID	STOP BAR SOLID WHITE LINE	
STA. 7+59.18 TO 20+50.0	X		12.91				
STA. 7+59.18 TO 20+50.0		X	12.91				
STA. 7+59.18 TO 20+50.0	X			3.23			
TOTALS			25.82	3.23			29.05

REMOVAL OF PAVEMENT

110-1
04-16-13

Begin Station	End Station	Side	Pavement Type	Area		Saw Cut*	Remarks
				SY	LF		
7+59.18	10+00	LT	PCC	321.09	12		See Cross Section sheet 7
7+59.18	10+00	RT	PCC	321.09	12		See Cross Section sheet 7
10+00	13+94	LT	HMA/PCC	547.22	12.5		See Cross Section sheet 7
10+00	13+94	RT	HMA/PCC	547.22	12.5		See Cross Section sheet 7
14+56	20+25.0	LT	HMA	821.9	13		See Cross Section sheet 7
14+56	20+25.0	RT	HMA	821.9	13		See Cross Section sheet 7

TABULATION OF SAFETY CLOSURES

108-13A
10-28-97

Refer to Section 2518 of the Standard Specifications

Station	Closure Type		Remarks
	Road Quantity	Hazard Quantity	
6+00	1.0		
21+00	1.0		
Totals	2.0		

PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE

Possible Standards: EC-204

100-19
04-19-16

Location			Length of Installation			Remarks
Begin Station	End Station	Side	9 inch Dia	12 inch Dia	20 inch Dia	
			Lin. Ft.	Lin. Ft.	Lin. Ft.	
11+49	12+49	RT.	-	100	-	
13+29	14+29	LT.	-	100	-	
13+29	14+29	RT.	-	100	-	

DRAINAGE STRUCTURE BY CULVERT CONTRACTOR

* Not a Bid Item

104-4
10-20-09

Location	Size FT	Kind	Length New Const. Lin. FT	No. of Aprons	Flow Line Elevation				Dimensions - Lin. FT				Skew Ahead		By Road Contractor				Floodable* Backfill (A) Cu. Yds.	Porous* Backfill (B) Cu. Yds.	Flooded* Backfill (A+B) Cu. Yds.	Remarks		
					Left	Right	Other	Other	Left	Right	Left	Right	LT.	RT.	Dike		Comp. Backfill Cu. Yds.							
															Location Station	Top. Elev.		Type						
					Left	Right	Other	Other	Left	Right	Left	Right	LT.	RT.	Location Station	Top. Elev.	Type							
STA. 14+85± TO 18+00±, 35' RT.	2.5	CMP	314	1			1079.00	1078.50																SEE PLAN & PROFILE SHEET

WOODBURY COUNTY
ENGINEERS OFFICE

DRAWN BY: _____
DESIGNED BY: _____
APPROVED BY: _____
DATE: _____

PROJECT DESCRIPTION: BRIDGE REPLACEMENT ON OLD 141
SEC. 31, T88N, R46W FLOYD TOWNSHIP
SHEET DESCRIPTION: TABULATIONS

PROJECT NO.
BRS-C097(112)-60-97
SHEET
6