

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: June 21, 2016
Date of Addendum: June 16, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
004	37-0303-043	BRIDGE REPLACEMENT - STEEL GIRDER	GREENE	BRF-030-3(43)--38-37 BRF-030-3(45)--38-37	21JUN004.A03

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0590 2518-6910000 SAFETY CLOSURE:
From: 4.000 EACH
To: 6.000 EACH

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

Make the following changes to BRF-030-3(43)--38-37 plans:

Replace plan sheets C.1, & J.1 with the attached.

**ESTIMATED ROADWAY QUANTITIES
(1 DIVISION PROJECT)**

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2101-0850001	CLEARING AND GRUBBING	ACRE	0.7	
2	2102-0425070	SPECIAL BACKFILL	TON	1117.9	
3	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	58705	
4	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	18531	
5	2102-2710080	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL	CY	3792	
6	2102-2710090	EXCAVATION, CLASS 10, WASTE	CY	633	
7	2102-2712015	EXCAVATION, CLASS 12, BOULDER/ROCK FRAGMENT	CY	15	
8	2105-8425005	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	12634	
9	2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	1400	
10	2107-0875100	COMPACTION WITH MOISTURE CONTROL	CY	73902	
11	2115-0100000	MODIFIED SUBBASE	CY	1058.3	
12	2123-7450000	SHOULDER CONSTRUCTION, EARTH	STA	18.4	
13	2301-0690203	BRIDGE APPROACH, BR-203	SY	716	
14	2301-1033095	STD/S-F PCC PAVEMENT, CL C CL 3, 9.5"	SY	2614.7	
15	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1	
16	2401-6750001	REMOVALS, AS PER PLAN	LS	1	
17	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE	SY	3805.5	
18	2417-0225048	APRON, METAL, 48"	EACH	2	
19	2417-1040048	CULVERT, CMP ENTRANCE, 48"	LF	60	
20	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	1990	
21	2502-8221303	SUBDRAIN OUTLET, DR-303	EACH	4	
22	2503-0114221	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 21"	LF	234	
23	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	234	
24	2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	50	
25	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	636.6	
26	2505-4008130	REMOVAL OF CABLE GUARDRAIL	LF	4043.9	
27	2505-4008300	STEEL BEAM GUARDRAIL	LF	162.5	
28	2505-4008400	STEEL BEAM GUARDRAIL BARRIER TRANS SECTION	EACH	4	
29	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	4	
30	2505-4021720	STEEL BEAM GUARDRAIL END TERMINAL, BA-205	EACH	4	
31	2506-4984000	FLOWABLE MORTAR	CY	36.3	
32	2510-6745850	REMOVAL OF PAVEMENT	SY	5016.4	
33	2518-6910000	SAFETY CLOSURE	EACH	6	
34	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	3	
35	2524-9275100	WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 4 IN.	LF	51	
36	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE/SOLVENT	STA	64.1	
37	2528-8445110	TRAFFIC CONTROL	LS	1	
38	2548-0000200	MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	STA	17.75	
39	2601-2634100	MULCHING	ACRE	9.6	
40	2601-2636043	SEEDING AND FERTILIZING (RURAL)	ACRE	9.6	
41	2602-0000020	SILT FENCE	LF	9066	
42	2602-0000030	SILT FENCE FOR DITCH CHECKS	LF	300	
43	2602-0000060	REMOVAL OF SILT FENCE	LF	7453	
44	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	745	
45	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
46	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	
47A	2122-5500060	ALTERNATE SHOULDER OPTION 1 PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SY	1798	
47B	2122-5190006	ALTERNATE SHOULDER OPTION 2 PAVED SHOULDER, PC CONCRETE, 6 IN.	SY	1798	

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2101-0850001	CLEARING AND GRUBBING Quantity includes the area within the project grading limits.
2	2102-0425070	SPECIAL BACKFILL Refer to typical on sheet B.1 and Tab 112-9 on sheet C.4 for additional details.
3	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED
4	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW Quantity includes the following: CUT = 18,531 CY FILL + 30% = 94,099 CY BORROW = 75,568 CY CONTRACTOR FURNISH = 58,705 CY Bid item quantity is based on remaining fill quantity without the shrink factor and includes an additional 575 CY for Earth Shoulder Construction. Proposed embankments from Sta. 3054+50.00 to Sta. 3060+10.61 and Sta. 3067+11.39 to Sta. 3070+90.00 shall be constructed a minimum of 14 days prior to the construction of pavement within these areas. Refer to sheet CS.1 and SPS-sheets for additional settlement remediation details and soils information. Overhaul will not be measured or paid for.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
		Refer to Tab 107-30 on sheet T.1 for additional information.
5	2102-2710080	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL
6	2102-2710090	EXCAVATION, CLASS 10, WASTE Quantity includes the following: UNS. 'C' CUT = 3792 CY UNS. 'C' FILL + 30% = 3792 CY UNS. 'B' CUT = 633 CY UNS. 'B' WASTE = 633 CY
		Unsuitable Type 'B' material generated from the proposed overexcavation area from Sta. 3058+50 to 3061+00 will not be allowed to be placed within the template fill. Refer to XS for additional details. Overhaul will not be measured or paid for. Refer to Tab 107-30 on sheet T.1 for additional information.
7	2102-2712015	EXCAVATION, CLASS 12, BOULDER/ROCK FRAGMENT Refer to sheet CS.1.
8	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD Topsoil quantity includes the following: TOPSOIL UNSUITABLE 'C' AVAILABLE = 16,426 CY TOPSOIL NEED + 40% = 12,634 CY TOPSOIL UNSUITABLE 'C' EXCESS = 3,792 CY Excess topsoil 'C' shall be incorporated into the roadway fill per Standard Road Plan EW-102 and will be paid for as Excavation Class 10, Unsuitable or Unstable Material. Overhaul will not be measured or paid for. Refer to Tab 103-4 for additional information and locations.
9	2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL Refer to Tab 103-1 on Sheet CS.1 for additional information and details.
10	2107-0875100	COMPACTION WITH MOISTURE CONTROL Refer to Tab 103-6 on Sheet CS.1. Cubic yards as shown on the contract documents as determined by the template fill volume. Shrinkage will not included in the moisture control quantity.
11	2115-0100000	MODIFIED SUBBASE Refer to typical sections on B-sheets for additional information
12	2123-7450000	SHOULDER CONSTRUCTION, EARTH Refer to typical section on B.1 and Tab 112-9 on sheet C.4 for locations and additional details.
13	2301-0690203	BRIDGE APPROACH, BR-203 Refer to sheets L-sheets and Tab 112-6 on sheet C.3 for additional details. Bridge approach pavement shall not be constructed until the proposed embankment from Sta. 3054+50.00 to Sta. 3060+10.61 and Sta. 3067+11.39 to Sta. 3070+90.00 has been in place for a minimum of 14 days. Refer to sheet Q.3 for additional settlement remediation details and soils information.
14	2301-1033095	STANDARD OR SLIP FORM PCC PAVEMENT, CLASS C, CLASS 3, 9.5" Refer to sheets L.1-L.4 for additional details.
15	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES
16	2401-6750001	REMOVALS, AS PER PLAN Includes removal of 48" DIA. RCP located at STA. 3060+86.03. See D sheets for locations and additional information.
17	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE Refer to Tab 100-28 on sheet C.3 for location and details.
18	2417-0225048	APRON, METAL, 48"
19	2417-1040048	CULVERT, CMP ENTRANCE, 48" Refer to sheet D.3 for location.
20	2502-8212036	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.
21	2502-8221303	SUBDRAIN OUTLET, DR-303 Refer to Tab 104-9 on sheet CS.1 for locations and details.
22	2503-0114221	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 21" Refer to sheet D.3 for location. Location of existing 20" tile lines are approximate. Contractor to field locate and adjust proposed alignment as necessary to avoid conflict with proposed bridge pier footings and the existing 20" tile running parallel to the line in conflict. Contractor shall match existing flowlines to maintain existing pipe slope. Bid item includes pipe bends and connections to existing tile lines.
23	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. Refer to sheet D.3 for location. Location of existing 20" tile lines are approximate.
24	2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN. Refer to Tab 110-14 on sheet C.3 for locations and details.
25	2505-4008130	REMOVAL OF STEEL BEAM GUARDRAIL Refer to Tab 110-7A for locations. Contractor shall salvage and deliver guardrail to the District RCE Office. Coordinate delivery with the Engineer to the Jefferson RCE Office at 512 W. Clark Street, Jefferson, IA.

STAGING NOTES

Stage 1
Close U.S. 30 to traffic. Coordinate road closure with District office.
Remove existing bridge and roadway pavement.
Construct proposed embankments from Sta. 3054+50.00 to Sta. 3060+10.61 and Sta. 3067+11.39 to Sta. 3070+90.00.
Embankments shall be constructed a minimum of 14 days prior to the construction of pavement within these areas.

Stage 2
Complete bridge construction, roadway pavement and guardrail installation.
Coordinate the opening Open U.S. 30 to traffic with the District office.

TRAFFIC CONTROL PLAN

U.S. 30 will be closed to traffic for the duration of the project. Traffic will be detoured via IA 144 north to County Road E-26, east on County Road E-26 to U.S. 169, and south on U.S. 169 to U.S. 30.

222nd Street will be closed to traffic for the duration of the project.

Detour signs shall be installed and maintained by the DOT District 1 office. Coordinate closures with the district office.

Road Closures shall be in accordance with Standard Road Plan TC-252.
Refer to sheet J.2 for detour route map and additional information.

COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
BRF-030-3(45)--38-37	RCB Culvert Construction

SAFETY CLOSURES

Refer to Section 2518 of the Standard Specifications

Station	Closure Type		Remarks
	Road Qty.	Hazard Qty.	
3060+70.00		1	Adjacent to bridge excav.
3066+50.00		1	Adjacent to bridge excav.
3054+50.00	1		
3070+90.00	1		
3063+00.00	1		222nd Street
3067+00.00	1		222nd Street