

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: July 19, 2016
Date of Addendum: July 8, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
159	81-0716-050	HMA PAVED SHOULDER - NEW	SAC	HSIPX-071-6(50)--3L-81 HSIPX-071-6(51)--3L-81	19JUL159.A02

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0410

From: 2502-8212024 SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 4 IN. DIA.

To: 2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.

Item Quantity and Unit does not change.

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

Make the following changes to the PLAN, Sheet Number C.1:

Change Item No. 12:

From: 2502-8212024 SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 4 IN. DIA.

To: 2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.

Make the following changes to the PLAN, Sheet Number C.2:

Change Item No. 12:

From: 2502-8212024 SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 4 IN. DIA.

To: 2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.

Make the following changes to the PLAN ATTACHMENT SHEETS for Project #
HSIPX-071-6(51)--3L-81:

Replace SHEETS C.1 and C.2 with the attached SHEETS C.1 and C.2.

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

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2102-0425070	SPECIAL BACKFILL	TON	180	
2	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	538.6	
3	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	6534.4	
4	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SY	46807.4	
5	2123-7450000	SHOULDER CONSTRUCTION, EARTH	STA	5.4	
6	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING	CY	4043.6	
7	2214-7450050	BLADING AND SHAPING SHOULDER MATERIAL	STA	1040.3	
8	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1	
9	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	12	
10	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.	EACH	2	
11	2416-1180030	CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA.	LF	12	
12	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	4060	
13	2502-8221304	SUBDRAIN OUTLET, DR-304	EACH	16	
14	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	234	
15	2505-4008300	STEEL BEAM GUARDRAIL	LF	100	
16	2505-4008400	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION	EACH	4	
17	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	4	
18	2505-4021720	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205	EACH	4	
19	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	1649.12	
20	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	2	
21	2528-8445110	TRAFFIC CONTROL	LS	1	
22	2528-8445113	FLAGGERS	EACH	See Proposal	
23	2528-8445115	PILOT CARS	EACH	See Proposal	
24	2529-2242304	CD JOINT ASSEMBLY	EACH	8	
25	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	228	
26	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	6	
27	2529-8174010	SUBBASE (PATCHES)	SY	228	
28	2529-8174050	PATCH SUBDRAIN	EACH	4	
29	2529-8201000	JOINT ASSEMBLY, EF	EACH	4	
30	2533-4980005	MOBILIZATION	LS	1	
31	2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	1034.7	
32	2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	1121	
33	2601-2634100	MULCHING	ACRE	0.3	
34	2601-2636043	SEEDING AND FERTILIZING (RURAL)	ACRE	0.3	
35	2602-0000020	SILT FENCE	LF	800	
36	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
37	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2102-0425070	SPECIAL BACKFILL See Tab 112-9 on Sheet C.5.
-	-	-
2	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED Item is for guardrail blisters, see Tab 107-23 on Sheet C.3.
-	-	-
3	2121-7425020	GRANULAR SHOULDERS, TYPE B See Typical 7135 on Sheet B.1. 20% added for slope adjustment.
-	-	-
4	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN. See Typical 7152 on Sheet B.1 and Tab 112-9 on Sheet C.3.
-	-	-
5	2123-7450000	SHOULDER CONSTRUCTION, EARTH See Tab 112-9 on Sheet C.5.
-	-	-
6	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING See Typical 7152 on Sheet B.1 and Tab 112-9 on Sheet C.5. There are approximately 44 entrances with fillets, removal of the fillets will be incidental to class 13 excavation.
-	-	-
7	2214-7450050	BLADING AND SHAPING SHOULDER MATERIAL See Typical 7152 on Sheet B.1. At no additional cost, the Contractor may bring excavated shoulder material to Iowa DOT-Sac Maintenance Garage at 2903 W. Main Street Sac City, IA. 50583. Maintenance Supervisor: Scott Church, cell phone 515-290-4157.
-	-	-
8	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES - -
-	-	-
9	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT See Tab 104-3 on Sheet C.5.
-	-	-
10	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
-	-	See Tab 104-3 on Sheet C.5.
11	2416-1180030	CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA. See Tab 104-3 on Sheet C.5. Quantity includes removal of one section on each end and replacing with new pipe.
12	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA. See Tab 104-9 on Sheet C.5.
13	2502-8221304	SUBDRAIN OUTLET, DR-304 See Tab 104-9 on Sheet C.5.
14	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL See Tab 110-7A on Sheet C.3.
15	2505-4008300	STEEL BEAM GUARDRAIL See Tab 108-8A on Sheet C.3.
16	2505-4008400	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION See Tab 108-8A on Sheet C.3.
17	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED See Tab 108-8A on Sheet C.3.
18	2505-4021720	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205 See Tab 108-8A on Sheet C.3.
19	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED See Tab 108-22 on Sheet C.4.
20	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED See Tab 108-29 on Sheet C.4.
21	2528-8445110	TRAFFIC CONTROL See Traffic Control Plan on Sheet J.1.
22	2528-8445113	FLAGGERS
23	2528-8445115	PILOT CARS
24	2529-2242304	CD JOINT ASSEMBLY See Tab 102-6C on Sheet C.4.
25	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA See Tab 102-6C on Sheet C.4.
26	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT See Tab 102-6C on Sheet C.4.
27	2529-8174010	SUBBASE (PATCHES) See Tab 102-6C on Sheet C.4.
28	2529-8174050	PATCH SUBDRAIN See Tab 102-6C on Sheet C.4.
29	2529-8201000	JOINT ASSEMBLY, EF See Tab 102-6C on Sheet C.4.
30	2533-4980005	MOBILIZATION
31	2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE See Tab 112-10 on Sheet C.4.
32	2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS) See Tab 112-10 on Sheet C.4.
33	2601-2634100	MULCHING Item is for seeding and fertilizing of disturbed areas on the project.
34	2601-2636043	SEEDING AND FERTILIZING (RURAL) Item is for disturbed areas on the project.
35	2602-0000020	SILT FENCE Item is for disturbed earth at guardrail blisters. See Tab 100-17 on Sheet C.2.
36	2602-0010010	MOBILIZATIONS, EROSION CONTROL
37	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL

PROJECT DESCRIPTION

This is a new HMA paved shoulder project on US 71 from W. Jct. of IA 175 north to the SCL of Early. Other work includes longitudinal subdrains, milled shoulder rumble strips, culvert extensions, guardrail updates, and pavement markings.

STANDARD ROAD PLANS

The following Standard Road Plans apply to construction work on this project.

Number	Date	Title
BA-200	04-19-16	Steel Beam Guardrail Components
BA-201	04-19-16	Steel Beam Guardrail Barrier Transition Section
BA-202	10-20-15	Steel Beam Guardrail Bolted End Anchor
BA-205	04-19-16	Steel Beam Guardrail End Terminal
DR-103	04-21-15	Pipe Culvert (Installation Details)
DR-121	10-20-15	Connected Pipe Joints
DR-201	04-21-15	Concrete Aprons
DR-303	10-20-15	Subdrains (Longitudinal)
DR-304	04-21-15	Outlets for Longitudinal, Transverse and Backslope Subdrains
DR-621	04-21-15	Pipe Extension
EC-201	04-21-15	Silt Fence
EW-301	10-20-15	Guardrail Grading
MI-210	10-20-15	PCC Driveways and Alleys
PM-110	04-16-13	Line Types
PM-111	04-21-15	Symbols and Legends
PM-522	10-16-12	Two-Lane Roadway with Left Turn Lanes
PR-101	04-21-15	Full Depth Patch with 'EF' Joint in PCC
PR-102	04-21-15	Full Depth PCC Patch without Dowels
PR-103	10-21-14	Full Depth PCC Patch with Dowels
PR-140	04-21-15	Subbase Patches
PV-12	04-19-16	Milled Shoulder Rumble Strips
PV-101	04-19-16	Joints
SI-211	10-19-10	Object Marker and Delineator Placement with Guardrail
TC-1	04-16-13	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	04-21-15	Work Within 15 ft of Traveled Way
TC-213	04-17-12	Lane Closure with Flaggers
TC-214	04-16-13	Lane Closure with Flaggers for use with Pilot Car
TC-231	10-15-13	Slow Moving Vehicle Operating in the Traffic Lane
TC-232	10-21-14	Shoulder Rumble Strip Operations
TC-233	10-21-14	Pavement Marking Operations Two-Lane
TC-273	04-20-10	Construction Site Entrance

**UTILITIES
(NOT A POINT 25 PROJECT)**

This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.

TABULATION OF SILT FENCES

Refer to EC-201

Location		Side	Length LF	Remarks
Begin Station	End Station			
191+41.00	193+41.00	NB	200.0	GUARDRAIL
195+40.00	197+40.00	NB	200.0	GUARDRAIL
191+64.00	193+64.00	SB	200.0	GUARDRAIL
195+63.00	197+63.00	SB	200.0	GUARDRAIL