

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

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

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
161	77-0064-165	HMA RESURFACING WITH MILLING	POLK	HSIPX-006-4(165)--3L-77 IMN-035-4(190)98--0E-77	18JAN161A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0290 2529-5070110 PATCHES, FULL-DEPTH FINISH, BY AREA:  
From: 609.100 SY  
To: 599.600 SY

Change Proposal Line No. 0300 2529-5070120 PATCHES, FULL-DEPTH FINISH, BY  
COUNT:  
From: 92.000 EACH  
To: 81.000 EACH

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

Replace the plans sheets with the attached for Project: HSIPX-6-4(165)--3L-77

C.1, C.7, C.8, C.9 and C.10

100-1D  
10-18-05

**PROJECT DESCRIPTION**

This project consisted of HMA Milling and Resurfacing, Base Shoulder Widening, Paved Shoulders, Patching, Curb and gutter, ADA ramp work, and Intake replacement on U.S. 6 (Hickman Rd) from East of I-80/I-35 interchange to just West of Merle Hay Rd.

100-1C  
Modified

**ESTIMATED ROADWAY QUANTITIES  
(UP TO A 5 DIVISION PROJECT)**

Division 1: Roadway Items - 100% State 3R Funded  
Division 2: Roadway Items - 100% HSIPX Funded  
Division 3: Roadway Items - 100% City of Clive (Reimburse State)  
Division 4: Roadway Items - 100% City of Urbandale (Reimburse State)

Item No.	Item Code	Item	Unit	Quantities												
				Estimated					As Built							
				Division 1	Division 2	Division 3	Division 4	Division 5	Total	Division 1	Division 2	Division 3	Division 4	Division 5		
1	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY		692.1						692.1					
2	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	636.7							636.7					
3	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	3.9							3.9					
4	2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	922.7							922.7					
5	2212-5070330	PATCHES BY COUNT (REPAIR)	EACH	129							129					
6	2213-6745500	REMOVAL OF CURB	STA	0.70							0.70					
7	2213-8201030	BASE WIDENING, 3 IN. HOT MIX ASPHALT MIXTURE	SY		8,304.7						8,304.7					
8	2214-5145150	PAVEMENT SCARIFICATION	SY	125,620.0							125,620.0					
9	2303-1042500	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	9,805.10	686.70						10,491.80					
10	2303-1043503	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	TON	10,387.20	686.70						11,073.90					
11	2303-1258284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	1,293.90	81.28						1,375.18					
12	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1.00							1.00					
13	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	1.00							1.00					
14	2435-0250700	INTAKE, SW-507	EACH			4	6				10					
15	2435-0250714	INTAKE, SW-507 MODIFIED, TOP ONLY	EACH	3							3					
16	2435-0250900	INTAKE, SW-509	EACH			9	5				14					
17	2435-0251000	INTAKE, SW-510	EACH			5					5					
18	2435-0254114	INTAKE, SW-541 MODIFIED, TOP ONLY	EACH	2							2					
19	2435-0254514	INTAKE, SW-545 MODIFIED, TOP ONLY	EACH	5							5					
20	2507-3250005	ENGINEERING FABRIC	SY	42.7							42.7					
21	2507-8029000	EROSION STONE	TON	37.4							37.4					
22	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH			18	11				29					
23	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	70.0							70.0					
24	2518-6910000	SAFETY CLOSURE	EACH			18	11				29					
25	2525-0000200	LOOP DETECTORS (ADDITION OR REPLACEMENT TO AN EXISTING TRAFFIC SIGNAL SYSTEM)	EACH	155							155					
26	2526-8285000	CONSTRUCTION SURVEY	LS	1.0							1.0					
27	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	2,386.17							2,386.17					
28	2528-8445110	TRAFFIC CONTROL	LS	1.00							1.00					
29	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	315.0		180.4	104.2				599.6					
30	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	52		18	11				81					
31	2533-4980005	MOBILIZATION	LS	1.00							1.00					
32	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	2,906.0							2,906.0					
33	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	2,325.0							2,325.0					

Note: Refer to S Sheets for Sidewalk Plans, Estimated Quantities and Estimate Reference Notes.





**FULL-DEPTH PATCHES**

Refer to Standard Roads Plans PR-101, PR-102, PR-103, PR-104 and PR-140.

Count	Location		Dimension			PCC Patches			HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C										
						PR-103	PR-102	PR-104										
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	PR-101 or PR-140	No.	No.	No.	No.	
1	618+43 (WB)		10.0	2.5	10.5	2.8												(3)
1	568+30 (WB)		30.0	8.0	10.5	26.7												(1)
1	694+52 (EB)	Rt.	60.0	2.5	10.5	16.7												(3) CURB GONE
1	710+66 (EB)	Rt.	5.0	2.5	10.5	1.4												(3)
1	740+45 (EB)	Rt.	20.0	2.5	10.5	5.6												(3)
1	740+96 (EB)	Rt.	20.0	2.5	10.5	5.6												(3)
<b>Intake - Finish Patches</b>																		
<b>Urbandale</b>																		
1	628+40 (WB)	Lt.	21.0	6.5	10.5	10.4												SW-509
1	636+00 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
1	636+75 (WB)	Lt.	21.0	6.5	10.5	10.4												SW-509
1	637+50 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
1	661+22 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
1	686+75 (WB)	Lt.	21.0	6.5	10.5	10.4												SW-509
1	692+07 (WB)	Lt.	21.0	6.5	10.5	10.4												SW-509
1	693+83 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
1	696+07 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
1	698+75 (WB)	Lt.	21.0	6.5	10.5	10.4												SW-509
1	708+70 (WB)	Lt.	17.0	6.5	10.5	8.7												SW-507
<b>Clive</b>																		
1	628+40 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	636+00 (EB)	Rt.	17.0	6.5	10.5	8.7												SW-507
1	636+75 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	637+50 (EB)	Rt.	17.0	6.5	10.5	8.7												SW-507
1	640+50 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-510
1	643+00 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-510
1	645+50 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-510
1	648+25 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-510
1	656+32 (EB)	Rt.	17.0	6.5	10.5	8.7												SW-507
1	669+00 (EB)	Rt.	17.0	6.5	10.5	8.7												SW-507
1	673+03 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	676+00 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	678+45 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-510
1	681+65 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	648+25 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	686+75 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	689+50 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
1	692+07 (EB)	Rt.	21.0	6.5	10.5	10.4												SW-509
<b>Urbandale Funded</b>																		
104.2 PATCHES, FULL-DEPTH FINISH, BY AREA																		
11.0 PATCHES, FULL-DEPTH FINISH, BY COUNT																		
<b>Clive Funded</b>																		
180.4 PATCHES, FULL-DEPTH FINISH, BY AREA																		
18.0 PATCHES, FULL-DEPTH FINISH, BY COUNT																		
<b>DOT Funded</b>																		
922.7 PATCHES, FULL DEPTH REPAIR																		
129.0 PATCHES BY COUNT (REPAIR)																		
315.0 PATCHES, FULL-DEPTH FINISH, BY AREA																		
52.0 PATCHES, FULL-DEPTH FINISH, BY COUNT																		
<p>(1) Raised Paved Median Patching - Refer to Typical 6149 on Sheet B.3 for details.</p> <p>(2) Median Nose Patching - Refer to Typical 6141A on Sheet B.3 for details.</p> <p>(3) Curb and Gutter Patching - Refer to Typical 6136 and 6134 on Sheet B.3 for details.</p>																		

Due to the urban nature of this project the work on these items may involve patching and working around or near curbs, manholes, traffic loop detectors, intakes or other utility access lids; unless otherwise noted no additional payment will be made for patches placed in or around these items. Several patches have existing integral curb and or median noses which shall be included in their replacement patch. All Full Depth Finish Patches, except for those approved by the engineer will be measured and paid for per current specification section 2529.

Unless otherwise directed, when PCC curb and gutter or PCC median is required included in full depth patch the contractor shall shape those features to match curb, gutter and or median nearest to that patch and include all labor and materials required to construct it. No additional payment will be made for Full Depth Patches by Count or Area that include integral PCC curb and gutter or PCC median noses within the new patch.

110-15  
04-16-13

### REMOVAL OF INTAKES AND UTILITY ACCESSSES

No.	Location/Description	Type	Remarks
Urbandale			
212	628+40, Lt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
209	636+00, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
208	636+75, Lt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
204	637+50, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
35	661+22, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
57	686+75, Lt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
64	692+07, Lt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
73	693+83, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
71	696+07, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
67	698+75, Lt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
80	708+70, Lt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
Clive			
214	628+40, Rt.34.5; remove top, insert & well	Intakes	- 11 Intake Removals in Urbandale Old RA-5; see U-sheets for exist. Intake info.
205	636+00, Rt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
207	636+75, Rt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
206	637+50, Rt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
202	640+50, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
17	643+00, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
12	645+50, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
6	648+25, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
27	656+32, Rt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
46	669+00, Rt.34.5; remove top, insert & well	Intakes	Old RA-3; see U-sheets for exist. Intake info.
48	673+03, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
50	676+00, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
52	678+45, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
54	681+65, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
56	648+25, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
58	866.44, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
60	689+50, Rt.34.5; remove top, insert & well	Intakes	Old RA-8; see U-sheets for exist. Intake info.
65	692+07, Rt.34.5; remove top, insert & well	Intakes	Old RA-5; see U-sheets for exist. Intake info.
IA DOT-Tops Only			
74	693+94, Rt.34.5; remove old top to allow new top	Intakes	- 18 Intake Removals in Clive Old RA-3; see U-sheets for exist. Intake info.
72	696+17, Rt.34.5; remove old top to allow new top	Intakes	Old RA-3; see U-sheets for exist. Intake info.
68	698+75, Rt.34.5; remove old top to allow new top	Intakes	Old RA-3; see U-sheets for exist. Intake info.
79	707+20, Rt.34.5; remove old top to allow new top	Intakes	Old RA-6; see U-sheets for exist. Intake info. - Note 1
110	715+50, Rt.34.5; remove old top to allow new top	Intakes	Old RA-6; see U-sheets for exist. Intake info. - Note 1
108	718+26, Rt.34.5; remove old top to allow new top	Intakes	Old RA-8; see U-sheets for exist. Intake info.
102	721+28, Rt.34.5; remove old top to allow new top	Intakes	Old RA-8; see U-sheets for exist. Intake info.
97	724+25, Rt.34.5; remove old top to allow new top	Intakes	Old RA-8; see U-sheets for exist. Intake info.
95	727+50, Rt.34.5; remove old top to allow new top	Intakes	Old RA-8; see U-sheets for exist. Intake info.
87	735+05, Rt.34.5; remove old top to allow new top	Intakes	Old RA-8; see U-sheets for exist. Intake info.
- 10 Top only removals			

104-5A  
10-15-13

### INTAKES AND UTILITY ACCESSSES

\* Bid Item  
\*\* For SW-545

No.	Location Station	Type or Standard Road Plan*	Form Grade	Bottom Well	Extension Length**	Notes
			Elev.	Elev.	FT	
Urbandale						
212	628+40, Lt.34.5	SW-509	859.3	850.8		"No." refers to As-Built intake number on U sheets Old RA-5; see U-sheets for exist. Intake info.
209	636+00, Lt.34.5	SW-507	859.7	854.0		Old RA-3; see U-sheets for exist. Intake info.
208	636+75, Lt.34.5	SW-509	859.4	854.8		Old RA-5; see U-sheets for exist. Intake info.
204	637+50, Lt.34.5	SW-507	859.8	855.0		Old RA-3; see U-sheets for exist. Intake info.
35	661+22, Lt.34.5	SW-507	957.7	950.7		Old RA-3; see U-sheets for exist. Intake info.
57	686+75, Lt.34.5	SW-509	866.4	862.4		Old RA-8; see U-sheets for exist. Intake info.
64	692+07, Lt.34.5	SW-509	849.6	845.3		Old RA-5; see U-sheets for exist. Intake info.
73	693+83, Lt.34.5	SW-507	850.0	845.9		Old RA-3; see U-sheets for exist. Intake info.
71	696+07, Lt.34.5	SW-507	851.6	847.6		Old RA-3; see U-sheets for exist. Intake info.
67	698+75, Lt.34.5	SW-509	855.3	851.3		Old RA-5; see U-sheets for exist. Intake info.
80	708+70, Lt.34.5	SW-507	849.4	844.4		Old RA-3; see U-sheets for exist. Intake info.
Clive						
214	628+40, Rt.34.5	SW-509	859.3	850.5		Old RA-5; see U-sheets for exist. Intake info.
205	636+00, Rt.34.5	SW-507	859.7	855.7		Old RA-3; see U-sheets for exist. Intake info.
207	636+75, Rt.34.5	SW-509	859.4	855.4		Old RA-5; see U-sheets for exist. Intake info.
206	637+50, Rt.34.5	SW-507	859.8	855.8		Old RA-3; see U-sheets for exist. Intake info.
202	640+50, Rt.34.5	SW-510	867.9	863.8		Old RA-8; see U-sheets for exist. Intake info.
17	643+00, Rt.34.5	SW-510	881.4	875.7		Old RA-8; see U-sheets for exist. Intake info.
12	645+50, Rt.34.5	SW-510	895.4	889.6		Old RA-8; see U-sheets for exist. Intake info.
6	648+25, Rt.34.5	SW-510	910.8	904.8		Old RA-8; see U-sheets for exist. Intake info.
27	656+32, Rt.34.5	SW-507	952.5	946.6		Old RA-3; see U-sheets for exist. Intake info.
46	669+00, Rt.34.5	SW-507	953.3	948.3		Old RA-3; see U-sheets for exist. Intake info.
48	673+03, Rt.34.5	SW-509	944.7	939.3		Old RA-8; see U-sheets for exist. Intake info.
50	676+00, Rt.34.5	SW-509	930.9	925.2		Old RA-8; see U-sheets for exist. Intake info.
52	678+45, Rt.34.5	SW-510	916.1	910.7		Old RA-8; see U-sheets for exist. Intake info.
54	681+65, Rt.34.5	SW-509	897.0	892.2		Old RA-8; see U-sheets for exist. Intake info.
56	648+25, Rt.34.5	SW-509	881.4	875.8		Old RA-8; see U-sheets for exist. Intake info.
58	686+75, Rt.34.5	SW-509	866.4	860.9		Old RA-8; see U-sheets for exist. Intake info.
60	689+50, Rt.34.5	SW-509	854.0	849.2		Old RA-8; see U-sheets for exist. Intake info.
65	692+07, Rt.34.5	SW-509	849.6	844.0		Old RA-5; see U-sheets for exist. Intake info.
DOT- Tops Only						
74	693+94, Rt.34.5	SW-507 MOD				Old RA-3; see U-sheets for exist. Intake info.
72	696+17, Rt.34.5	SW-507 MOD				Old RA-3; see U-sheets for exist. Intake info.
68	698+75, Rt.34.5	SW-507 MOD				Old RA-3; see U-sheets for exist. Intake info.
79	707+20, Rt.34.5	SW-541 MOD				Old RA-6; see U-sheets for exist. Intake info. - See Note 1
110	715+50, Rt.34.5	SW-541 MOD				Old RA-6; see U-sheets for exist. Intake info. - See Note 1
108	718+26, Rt.34.5	SW-545 MOD				Old RA-8; see U-sheets for exist. Intake info.
102	721+28, Rt.34.5	SW-545 MOD				Old RA-8; see U-sheets for exist. Intake info.
97	724+25, Rt.34.5	SW-545 MOD				Old RA-8; see U-sheets for exist. Intake info.
95	727+50, Rt.34.5	SW-545 MOD				Old RA-8; see U-sheets for exist. Intake info.
87	735+05, Rt.34.5	SW-545 MOD				Old RA-8; see U-sheets for exist. Intake info.

Note 1 : Intake Top located within in the street are to be UAC'd. Only remove and replace Intake top located within in curb. See Sheet U.8 for details.

100-23  
04-21-15

### ROCK EROSION CONTROL

Refer to EC-301

Location				Rock Erosion Control (REC)					Material Bid Quantities			Remarks		
Road Identification	Begin Station	End Station	Side Lt./Rt.	L FT	W FT	Type 1	Type 2	Type 3	Type 4	Type 5	Erosion Stone		Class E Revetment	Eng. Fabric
						Rock Ditch Check	Rock Ditch	Rock Flume	Rock Splash Basin	Rock Slope Protection	TON		TON	SY
U.S. 6 EBL	562+90.00		Rt	26	12			X			37.4		42.7	