

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: June 17, 2014  
Date of Addendum: May 21, 2014

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
201	00-000S-736	MILLED RUMBLE STRIPS	STATEWIDE	HSIPX-000-S(736)--3L-00	17JUN201.A01

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Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

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Make the following change to the PROPOSAL DETAILS, Page 2:

Change the CONTRACT PERIOD as follows:

From: LATE START DATE: 08/11/14  
To: LATE START DATE: 07/21/14

From: WORKING DAYS: 50  
To: WORKING DAYS: 70

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0010 2527-9263109 PAINTED PAVEMENT MARKING, WATERBOURNE OR SOLVENT-BASED:

From: 5,201.750 STA  
To: 13,061.570 STA

Change Proposal Line No. 0060 2548-0000100 MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE:

From: 9,618.000 STA  
To: 8,516.600 STA

Change Proposal Line No. 0070 2548-0000110 ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS):

From: 10,419.500 GAL  
To: 9,226.300 GAL

Change Proposal Line No. 0080 2548-0000200 MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE:

From: 1484.200 STA  
To: 1717.100 STA

Change Proposal Line No. 0090 2548-0000310 MILLED CENTERLINE RUMBLE STRIPS,  
HMA SURFACE:

From: 2,517.000 STA

To: 2,242.440 STA

Change Proposal Line No. 0100 2548-0000320 MILLED CENTERLINE RUMBLE STRIPS,  
PCC SURFACE:

From: 625.700 STA

To: 858.600 STA

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

REPLACE plan sheets A.1, A.9, C.1, C.2 and C.3 with the attached plan sheets.

Sheet A.1 . Deletion required renumbering of A sheets.

Sheet C.1 Tab 100-1A Item 1 increased from 5201.75 sta. to 13061.57 sta.

Item 6 decreased from 9618 sta. to 8516.6 sta.

Item 7 decreased from 10419.5 gal. to 9226.3 gal.

Item 8 increased from 1484.2 sta. to 1717.1 sta..

Item 9 decreased from 2517 sta. to 2242.44 sta.

Item 10 increased from 625.7 sta. to 858.6 sta.

Sheet C.2 Tab 102-5 Deleted Lines 12, 17 and 18. No construction in these areas.

Tab 108-22 Delete IA 9 MP 06.38 to 18.96; no construction.

Change limits for from IA 9 MP 52.23 to 70.64 to IA 9 MP 52.23 to 59.61. Addition of HMA centerline rumble strips creates need for centerline pavement markings for this area.

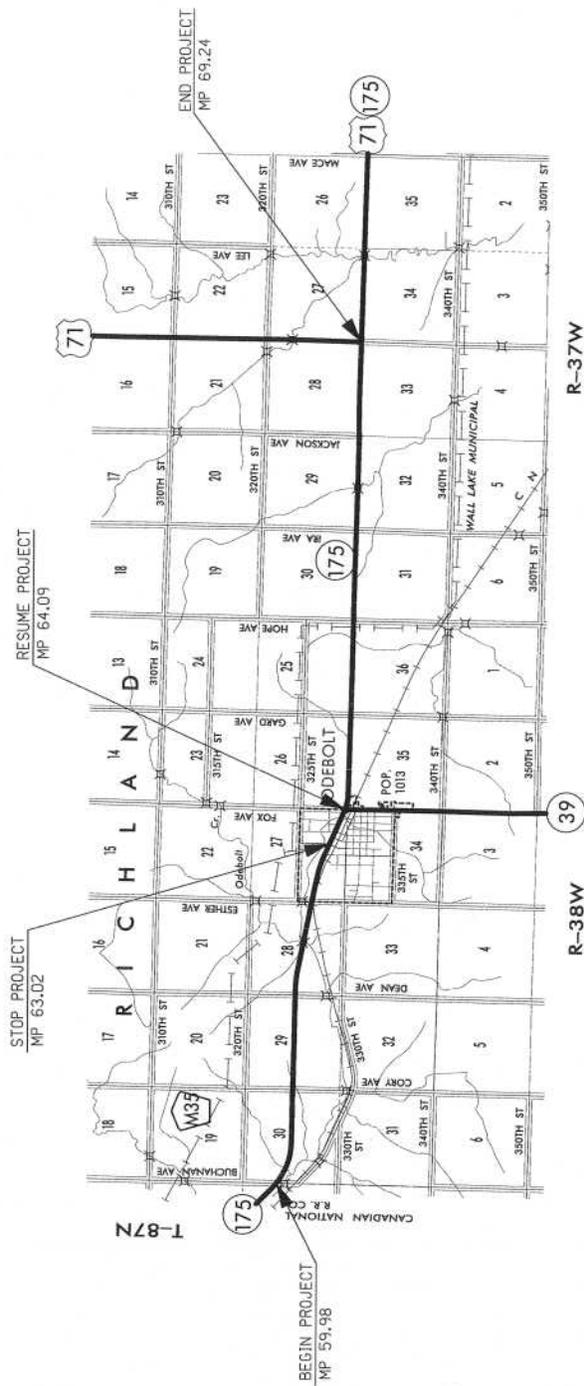
Sheet C.3 Tab 112-10 Delete IA 9 MP 06.38 to 18.96; no HMA centerline rumble strip construction. Delete IA 9 MP 59.61 to 70.04; no Lt. or Rt. HMA shoulder rumble strip construction. Add line for HMA centerline rumble strip construction from IA 9 MP 52.23 to 59.61.

Make the following CHANGES to the plans:

Sheet A.6 Delete this sheet. Proposed HMA CL rumble strips are removed due to poor HMA pavement quality

Sheet A.8 Remove lower map on sheet. Proposed HMA shoulder rumble strips are removed due to poor HMA pavement quality.





IA 175 SAC CO.

DESIGN DATA RURAL	
2014 AADT	2020 V.P.D.
2034 AADT	V.P.D.
2034 DHV	V.P.H.
TRUCKS	%
Total	
Design ES&LS	--

ESTIMATED PROJECT QUANTITIES (1 DIVISION PROJECT)				
Item No.	Item Code	Item	Unit	As Built Qty.
1	2527-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	13861.57
2	2528-8445110	TRAFFIC CONTROL	EACH	1
3	2528-8445113	FLAGGERS	EACH	See Proposal
4	2528-8445115	PILOT CARS	LS	See Proposal
5	2533-4988085	NOBBILIZATION	LS	1
6	2548-0008100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	8516.6
7	2548-0008106	MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	STA	9226.4
8	2548-0008108	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	2277.1
9	2548-0008110	MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	STA	2277.1
10	2548-0008320	MILLED CENTERLINE RUMBLE STRIPS, PCC SURFACE	STA	858.6

STANDARD ROAD PLANS				
The following Standard Road Plans apply to construction work on this project.				
Number	Date	Title	Line Types	
PV-120	04-13-11			
PV-12	04-13-11	Milled Shoulder Rumble Strips		
TC-1	04-13-11	Milled Centerline Rumble Strips		
TC-202	04-16-13	Work Not Affecting Traffic (Two-Lane or Multi-Lane)		
TC-213	04-16-13	Shoulder Closure (One Lane)		
TC-214	04-16-13	Lane Closure with Flaggers		
TC-233	04-16-13	Slow Moving Vehicle Operation in the Traffic Lane		
TC-233	04-16-13	Shoulder Rumble Strip Operations		
TC-233	04-16-13	Pavement Marking Operations Two-Lane		

ESTIMATE REFERENCE INFORMATION	
Item No.	Description
1	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED As shown on sheet C.2. Pavement markings shall be placed following application of asphalt emulsion. Contractors shall adhere to the following: 1. The width of the rumble strip gaps for bridges and intersections shown on PV-13 within limits of centerline rumble strip milling.
2	TRAFFIC CONTROL See Traffic Control Plan on Sheet J.1.
3	FLAGGERS
4	PILOT CARS
5	NOBBILIZATION
6	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE See Tab 112-10 on Sheet C.3.
7	ASPHALT EMULSION FOR PCC SEAL (SHOULDER RUMBLE STRIPS) See Tab 112-10 on Sheet C.3.
8	MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE See Tab 112-10 on Sheet C.3.
9	MILLED CENTERLINE RUMBLE STRIPS, HMA SURFACE See Tab 112-10 on Sheet C.3.
10	MILLED CENTERLINE RUMBLE STRIPS, PCC SURFACE See Tab 112-10 on Sheet C.3.

PROJECT DESCRIPTION	
100-1D 10-18-05	This is a Statewide HMA and PCC milled shoulder rumble strip and centerline rumble strip project in various locations throughout District 3 in Northwest Iowa. Other work includes pavement markings.
262-6 10-18-05	<b>UTILITIES</b> <b>(NOT A POINT 25 PROJECT)</b> THIS IS NOT A POINT 25 PROJECT and is not subject to the provisions of IAC 761-115-25.

**EXISTING PAVEMENT**

No.	Location		Year	Type	Project Number	Surface		Base		Subbase		Removal		Coarse Aggregate		Reinforcement	Remarks
	County	Route				Depth IN	Type	Depth IN	Type	Depth IN	Type	Depth IN	Type	Source	Type		
1	71	US 18	2008	COMP	NSN-018-2(04)--2R-71	63.58	HMA	2							QUARTZ	2	
2	71	US 18	2010	COMP	NSN-018-1(03)--2R-71	65.63	HMA	2							QUARTZ	2	
3	60	US 18	2004	COMP	NSN-018-1(03)--2R-71	7.97	HMA	2							QUARTZ	2	
4	18/11	IA 3	2010	COMP	STPN-003-1(04)--2D-18	66.36	HMA	2							QUARTZ	2	
5	83	US 59	2009	COMP	STPN-003-1(04)--2D-18	73.42	HMA	2							QUARTZ	2	
6	83	US 59	2009	COMP	STPN-003-1(04)--2D-18	73.42	HMA	2							QUARTZ	2	
7	47	US 59	2008	COMP	STPN-003-1(04)--2D-18	117.59	HMA	1.5							QUARTZ	2	
8	84/60	US 75	2008	COMP	STPN-003-1(04)--2D-18	146.79	HMA	1.5							QUARTZ	2	
9	60	US 75	2004	COMP	STPN-003-1(04)--2D-18	163.21	HMA	1.5							QUARTZ	2	
10	60	US 75	2004	COMP	STPN-003-1(04)--2D-18	163.21	HMA	1.5							QUARTZ	2	
11	14	IA 141	2003	COMP	STPN-003-1(04)--2D-18	83.69	HMA	1.5							QUARTZ	2	
12	60/72	IA 9	2003	COMP	STPN-003-1(04)--2D-18	89.37	HMA	1.5							QUARTZ	2	
13	72	IA 9	2003	COMP	STPN-003-1(04)--2D-18	89.37	HMA	1.5							QUARTZ	2	
14	72	IA 9	2003	COMP	STPN-003-1(04)--2D-18	89.37	HMA	1.5							QUARTZ	2	
15	72	IA 9	2003	COMP	STPN-003-1(04)--2D-18	89.37	HMA	1.5							QUARTZ	2	
16	32	IA 4	2008	COMP	STPN-003-1(04)--2D-18	42.25	HMA	5.5							QUARTZ	2	
17	32	IA 4	2008	COMP	STPN-003-1(04)--2D-18	42.25	HMA	5.5							QUARTZ	2	
18	84/71	IA 140	2008	COMP	STPN-003-1(04)--2D-18	52.23	HMA	2							QUARTZ	2	
19	97/75	IA 140	2008	COMP	STPN-003-1(04)--2D-18	52.23	HMA	2							QUARTZ	2	
20	27/34	IA 7	2008	COMP	STPN-003-1(04)--2D-18	39.52	HMA	2							QUARTZ	2	
21	47	IA 175	2005	COMP	STPN-003-1(04)--2D-18	45.47	HMA	1.5							QUARTZ	2	
22	47	IA 175	2005	COMP	STPN-003-1(04)--2D-18	45.47	HMA	1.5							QUARTZ	2	
23	47	IA 175	2007	COMP	STPN-003-1(04)--2D-18	44.51	HMA	1.5							QUARTZ	2	
24	47	IA 175	2007	COMP	STPN-003-1(04)--2D-18	59.98	HMA	1.5							QUARTZ	2	
25	81/13	IA 175	2002	COMP	STPN-003-1(04)--2D-18	86.93	PCC	4.5							QUARTZ	3	
26	67	IA 375	2008	COMP	STPN-003-1(04)--2D-18	7.83	HMA	2							QUARTZ	2	

**PAVEMENT MARKING LINE TYPES**  
 See PH-110  
 \*\*MPV4 - Factor of 1.00 as value includes number of 4-inch passes to cover median nose area.  
 \*\*\*MPV4 - Factor of 1.00 as value includes number of 4-inch passes to cover median nose area.  
 UCV4: Broken Centerline (Yellow) @ 2.00  
 NPV4: No Passing Zone Line (Yellow) @ 1.25  
 BLV4: Broken Lane Line (White) @ 0.25  
 ELV4: Edge Line (White) @ 1.00

Road ID	Milepost to Milepost	Dir. of Travel	Location	Marking Type	Side			Length by Line Type (Unfactored)			Remarks			
					L	C	R	ELV4	BLV4	MPV4**	ELV4	BLV4	MPV4**	
US 18	65.61	BOTH		Waterborne/Solvent Paint	X	X	X	397.06						
US 18	6.00	BOTH		Waterborne/Solvent Paint	X	X	X	841.63						
IA 3	77.69	BOTH		Waterborne/Solvent Paint	X	X	X	1435.94						
US 59	317.59	BOTH		Waterborne/Solvent Paint	X	X	X	883.88						
IA 9	43.42	BOTH		Waterborne/Solvent Paint	X	X	X	930.34						
IA 9	52.23	BOTH		Waterborne/Solvent Paint	X	X	X	779.33						
IA 9	29.68	BOTH		Waterborne/Solvent Paint	X	X	X	256.70						
IA 175	39.58	BOTH		Waterborne/Solvent Paint	X	X	X	898.66						
Factored Total: Waterborne/Solvent Paint								452.47	1036.24	1227.23		10345.64		
Bid Quantity: Painted Pavement Markings, Waterborne or Solvent-Based												13864.57		

112-10  
04-19-11

**MILLED RUMBLE STRIPS**

See PV-12 and PV-13.

\* Calculated at 18" width for Shoulder.

Road Identification	Station to Station		Location		Length		Type (Centerline, Rt or Lt Shoulder)	Fog Seal* (Milled Rumble Strip) Shoulder GAL	Effective Shoulder Width		Remarks	
	61.85	65.61	PCC STA	HMA STA	PCC Paved FT	HMA Paved FT			Granular/ Earth FT			
US 18	61.85	65.61					Right Shoulder	215.1	0.0	10.0	0.0	SEE PV-12
US 18	61.85	65.61					Left Shoulder	215.1	0.0	10.0	0.0	SEE PV-12
US 18	61.85	65.61					Centerline	0.0	0.0	0.0	0.0	SEE PV-12
US 18	61.85	65.61					Right Shoulder	455.9	0.0	2.0	0.0	SEE SHEET U.1
US 18	61.85	65.61					Left Shoulder	455.9	0.0	2.0	0.0	SEE SHEET U.1
IA 3	66.60	81.59					Right Shoulder	857.4	0.0	2.0	0.0	SEE PV-13
IA 3	66.60	81.59					Left Shoulder	857.4	0.0	2.0	0.0	SEE PV-13
IA 3	66.60	81.59					Centerline	0.0	0.0	0.0	0.0	SEE PV-13
US 59	66.60	81.59					Right Shoulder	777.3	0.0	2.0	0.0	SEE PV-12
US 59	66.60	81.59					Left Shoulder	777.3	0.0	2.0	0.0	SEE PV-12
US 59	66.60	81.59					Centerline	0.0	0.0	0.0	0.0	SEE PV-12
US 59	66.60	81.59					Right Shoulder	478.8	0.0	2.0	0.0	SEE PV-13
US 59	66.60	81.59					Left Shoulder	478.8	0.0	2.0	0.0	SEE PV-13
US 59	66.60	81.59					Centerline	0.0	0.0	0.0	0.0	SEE PV-13
IA 9	43.42	117.59					Right Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	43.42	117.59					Left Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	43.42	117.59					Centerline	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Right Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Left Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Centerline	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Right Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Left Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 9	46.73	290.48					Centerline	0.0	2.0	0.0	0.0	SEE PV-12
IA 7	20.68	160.51					Right Shoulder	422.1	0.0	2.0	0.0	SEE SHEET U.1
IA 7	20.68	160.51					Left Shoulder	422.1	0.0	2.0	0.0	SEE SHEET U.1
IA 7	20.68	160.51					Centerline	0.0	0.0	0.0	0.0	SEE SHEET U.1
IA 7	20.68	160.51					Right Shoulder	1406.5	0.0	2.0	0.0	SEE SHEET U.1
IA 7	20.68	160.51					Left Shoulder	1406.5	0.0	2.0	0.0	SEE SHEET U.1
IA 7	20.68	160.51					Centerline	0.0	0.0	0.0	0.0	SEE SHEET U.1
IA 175	64.08	232.85					Right Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 175	64.08	232.85					Left Shoulder	0.0	2.0	0.0	0.0	SEE PV-12
IA 175	64.08	232.85					Centerline	0.0	2.0	0.0	0.0	SEE PV-12
IA 175	64.08	232.85					Right Shoulder	0.0	2.0	0.0	0.0	SEE PV-13
IA 175	64.08	232.85					Left Shoulder	0.0	2.0	0.0	0.0	SEE PV-13
IA 175	64.08	232.85					Centerline	0.0	2.0	0.0	0.0	SEE PV-13
TOTAL			2575.59	10759.06				9226.4				

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IOWA DOT DESIGN TEAM DISTRICT 3

STATEWIDE COUNTY PROJECT NUMBER HSI PX-000-S(736) -- 3L-00

SHEET NUMBER C.3

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