A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: June 16, 2015
Date of Addendum: June 04, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
206	37-C037-068	PCC PATCHING	Greene	FM-C037(68)--55-37	16JUN206.A02

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0040 2529-5070110 PATCHES, FULL-DEPTH FINISH, BY AREA:
From: 6,526.570 SY
To: 4,118.870 SY

Change Proposal Line No. 0050 2529-5070111 PATCHES, FULL-DEPTH FINISH, BY AREA (50 FEET OR GREATER IN LENGTH):
From: 8,559.990 SY
To: 8,630.670 SY

Change Proposal Line No. 0060 2529-5070120 PATCHES, FULL-DEPTH FINISH, BY COUNT:
From: 214.000 EACH
To: 347.000 EACH

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

Replace plan Sheets: B.1, C.1, C.2, C.3, C.4, C.5, C.6 and C.7 with the attached Plan Sheets:

ESTIMATE OF QUANTITIES, ESTIMATE REFERENCE INFORMATION, AND GENERAL NOTES

ESTIMATE OF QUANTITIES

ITEM NUMBER	UNIT	DESCRIPTION	PLAN QUANTITY
2528-8445110	LS	TRAFFIC CONTROL	1
2528-8445113	EACH	FLAGGERS	275
2528-8445115	EACH	PILOT CARS	75
2529-5070110	SY	PATCHES, FULL-DEPTH FINISH, BY AREA	4118.87
2529-5070111	SY	PATCHES, FULL-DEPTH FINISH, BY AREA (50 feet or Greater in Length)	8630.67
2529-5070120	EACH	PATCHES, FULL-DEPTH FINISH, BY COUNT	347
2533-4980005	LS	MOBILIZATION	1
2529-8202000	EACH	RUMBLE STRIP PANEL (IN FULL DEPTH PATCH)	2

ESTIMATE REFERENCE INFORMATION

ITEM NUMBER	DESCRIPTION
2528-8445110	The bid item "Traffic Control" shall include the cost for all traffic control measures required of the contractor, except "Flaggers" and "Pilot Cars".
2529-5070110	Patches under this bid item will have 8" thickness. The engineer reserves the right to adjust quantities of work performed.
2529-5070110	Patches under this bid item will have 8" thickness. The engineer reserves the right to adjust quantities of work performed. Reinforcing mats (#4 bars on 12" C.-C. and placed on 4" bar chairs on a 3' grid) are to be installed at all designated mat locations. All work, equipment, and materials necessary to construct the required mats will be considered incidental to construction of 8" Finish Patches and the price for such work will be included in the bid. An estimate of lineal feet of #4 reinforcing bars is included in "Tabulation of 8" Full-Depth Finish Patches With Reinforcing Mats". Standard Specification Article 2529.03 I, related to smoothness, shall not apply to any full depth patches.
2529-5070120	Joints at ends of all patches will be like Standard Road Plan PR-103 'RT" joint, except with clearances and spacing to be like "Transverse Section Showing Dowel Placement". All dowels will be #6 bars x 24", epoxy coated, and will conform to "Standard Specifications" Article 4151.02. See Sheet Numbers C1. to C8. for patching locations, dimensions, and material estimates All work, equipment, and materials necessary for construction, as specified, of all dowelled 'RT' joints will be considered to be incidental to construction of finish patches, and the price for such work will be included in the bid. Irregularly shaped, contiguous patches will be considered as single patches and will be measured and paid for as such. The engineer reserves the right to change the number of patches.

GENERAL NOTES:

Specifications:
All construction and materials shall conform to the Iowa Department of Transportation "Standard Specifications for Highway and Bridge Construction", Series of 2012, plus current supplemental specifications and special provisions.

It shall be the responsibility of the contractor to notify the owners of utilities prior to the beginning of any construction. The contractor shall afford access to these facilities for necessary modification of services. It is the contractor's responsibility to avoid damage to existing utilities. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by damage to existing utilities or repair of same.

Patches:
The contractor will provide certified plant inspection for all concrete produced for this project.
All concrete will be class M with calcium chloride added at the site. A five-hour cure time is intended. Any extra work due to increasing cure time to achieve sufficient strength will be at the contractor's expense.
All reinforcing, including dowels, will be epoxy coated and all associated costs will be incidental. A typical cross-section showing dowel placement is shown on sheet C8.
All reinforcing steel shall meet the requirements of "Standard Specifications" article 2529.03 E.
All sawing for required joints shall be done before any patch is opened to traffic.
Longitudinal joints will be like "Standard Road Plan" PV-101, except where adjacent lane patches are contiguous for a length of 10 feet or more along centerline. In these locations, joints will be like "Standard Road Plan" PV-101 'KT-2' or 'L-1', except with #5 Reinforcing bars required. 'KT-2' joints require bars to be cold bent to a 90-degree angle and supported in a steel or aluminum keyway form. Keyway will have pre-drilled or pre-punched holes to receive the bent reinforcing. An estimate of total lineal feet of keyway required is included in respective tabulations on this sheet.
Transverse contraction joints will be like "Standard Road Plan" PV-101 type 'C'.
All work, equipment, and materials necessary for construction of specified joints shall be considered incidental to construction of finish patches and the price of such work shall be included in the quotation for respective patches.
Pavement removal will be considered incidental to construction of finish patches and the price for such work will be included in the respective quotation.
Granular material for patch base leveling will be available to the contractor from designated County stockpile locations. Broken pavement shall be hauled to stockpiles located at Clause Pit in section 32 of Bristol Twp. and Greene County stockpile in section 13 of Dawson Twp. The stockpile sites may also be used for equipment storage.
Existing PCC pavement is 6" and 8" thickness with natural granite coarse aggregate.
"Standard Specification" Article 2529.03 I, related to smoothness, shall not apply to any full-depth finish patch.
All pavement markings on long patches will be done by "others".

Traffic Control Plan:
Roads will be open to through traffic during construction. The contractor shall schedule all and complete all work during daylight hours. The last patch poured on each day must be completed at least 5-1/2 hours before sunset in order that all patches poured on that day may be opened to through traffic before sunset on that day. The contractor will provide traffic control. The contractor will be responsible for communicating proposed work areas and schedules with the contracting authority. The contractor will be expected to protect all open excavations and finished patches with barricades (to be provided by the contractor).
Traffic control on this project shall be in accordance with "Standard Road Plan" TC-213 and TC-214, or other plan if approved by the County Engineer.
The contractor shall be responsible for preserving all existing signs and traffic control devices. Removal and re-installation, if necessary, of these items shall meet the approval of the County Engineer. The contractor may be required to place temporary warning devices in some cases.

PATCHING TABULATION

SHEET NO. C1

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
	P-14 E-63 TO E-53																	
1	55+66	SB	19	4	8	8.44												
2	56+06	SB	52	11	8	63.56												RUMBLE STRIP
3	63+04	NB	96	11	8	117.33												
4	63+18	SB	216	11	8	264.00												
5	71+32	SB	80	11	8	97.78												
6	73+54	SB	58	11	8	70.89												
7	74+12	SB	40	5	8	22.22												
8	128+03	NB	181	11	8	221.22												
9	128+25	SB	27	11	8	33.00												
10	149+14	SB	51	11	8	62.33												
11	152+08	SB	86	11	8	105.11												
12	181+49	NB	102	11	8	124.67												
13	181+49	SB	102	11	8	124.67												
14	182+90	NB	80	11	8	97.78												
15	183+47	SB	61	11	8	74.56												
16	221+45	SB	30	4	8	13.33												
17	229+81	NB	69	11	8	84.33												
18	229+81	SB	57	11	8	69.67												
19	251+91	SB	101	11	8	123.44												
20	270+20	SB	40	11	8	48.89												
21	291+28	NB	40	4	8	17.78												
22	294+74	SB	53	11	8	64.78												
23	298+84	NB	96	11	8	117.33												
24	317+64	SB	80	11	8	97.78												
25	318+81	SB	13	11	8	15.89												
26	333+26	SB	37	4	8	16.44												
27	342+36	SB	6	11	8	7.33												
28	389+92	SB	10	11	8	12.22												
29	391+08	NB	107	11	8	130.78												
30	391+08	SB	107	11	8	130.78												
31	419+70	SB	34	11	8	41.56												
32	420+36	SB	79	11	8	96.56												
33	439+55	SB	8	11	8	9.78												
34	442+60	SB	12	11	8	14.67												
35	443+57	SB	6	11	8	7.33												
36	443+57	NB	6	11	8	7.33												
37	470+78	SB	29	4	8	12.89												
38	500+58	SB	18	11	8	22.00												
39	501+88	SB	4	11	8	4.89												
40	506+63	SB	101	11	8	123.44												
41	506+63	NB	65	11	8	79.44												
42	519+85	SB	80	5	8	44.44												
43	521+57	SB	25	5	8	13.89												
44	521+82	NB	80	11	8	97.78												MAT
45	521+82	SB	80	11	8	97.78												MAT
46	523+80	SB	66	5	8	36.67												
47	525+54	SB	34	11	8	41.56												
						3190.33												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C1

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
P-14 E-53 TO HWY 30																		
48	0+82	SB	91	4	8	40.44												
49	10+00	NB	40	11	8	48.89												
50	10+00	SB	52	11	8	63.56												
51	11+72	SB	40	5	8	22.22												
52	12+12	SB	73	11	8	89.22												
53	12+95	SB	19	4	8	8.44												
54	14+00	SB	59	11	8	72.11												
55	14+18	NB	23	11	8	28.11												
56	15+01	SB	38	5	8	21.11												
57	15+54	SB	20	5	8	11.11												
58	15+73	SB	51	11	8	62.33												
59	16+13	NB	80	11	8	97.78												
60	17+36	SB	192	11	8	234.67												
61	18+13	NB	40	11	8	48.89												
62	19+32	SB	8	4	8	3.56												
63	21+16	NB	14	11	8	17.11												
64	21+25	SB	29	11	8	35.44												
65	21+87	SB	241	11	8	294.56												
66	22+61	NB	160	11	8	195.56												
67	24+42	SB	30	11	8	36.67												
68	24+88	SB	5	11	8	6.11												
69	25+08	SB	15	11	8	18.33												
70	26+52	SB	61	11	8	74.56												R R CROSSING
71	27+75	NB	60	11	8	73.33												R R CROSSING
72	27+75	SB	101	11	8	123.44												R R CROSSING
73	28+93	SB	32	11	8	39.11												
74	31+89	SB	44	11	8	53.78												
75	32+84	NB	65	11	8	79.44												
76	32+84	SB	25	11	8	30.56												
77	33+75	NB	23	4	8	10.22												
78	33+84	SB	7	4	8	3.11												
79	34+64	NB	27	11	8	33.00												
80	35+40	SB	47	4	8	20.89												
81	40+24	SB	6	11	8	7.33												
82	66+18	SB	35	11	8	42.78												
83	77+41	SB	13	11	8	15.89												
84	78+90	SB	19	4	8	8.44												
85	90+37	NB	38	11	8	46.44												
86	91+82	SB	14	4	8	6.22												
87	92+10	SB	30	11	8	36.67												
						2161.44												

PATCHING TABULATION

SHEET NO. C3

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
P-14 HWY 30 TO E-33																		
88	98+42	NB	33	4	8	14.67												
89	100+36	NB	4	11	8	4.89												
90	100+36	SB	4	11	8	4.89												
91	103+56	SB	10	11	8	12.22												
92	123+43	SB	25	11	8	30.56												
93	134+36	SB	7	11	8	8.56												
94	135+46	SB	28	4	8	12.44												
95	137+18	SB	6	11	8	7.33												
96	138+29	NB	7	11	8	8.56												
97	141+49	SB	128	11	8	156.44												
98	212+95	NB	39	5	8	21.67												
99	218+12	NB	40	5	8	22.22												
100	248+15	NB	120	5	8	66.67												
101	250+38	SB	42	11	8	51.33												
102	250+38	NB	55	11	8	67.22												
103	251+73	NB	24	11	8	29.33												
104	252+32	NB	75	10	8	83.33												
						602.33												
P-14 E-33 TO CHURDAN																		
105	0+52	NB	21	10	8	23.33												
106	0+65	SB	8	5	8	4.44												
107	8+80	NB	6	10	8	6.67												
108	15+84	NB	40	10	8	44.44												
109	34+07	NB	9	10	8	10.00												
110	35+21	SB	30	10	8	33.33												
111	36+44	NB	4	4	8	1.78												
112	36+84	NB	4	4	8	1.78												
113	40+82	SB	4	4	8	1.78												
114	45+23	SB	5	10	8	5.56												
115	55+64	NB	4	10	8	4.44												
116	56+45	NB	8	10	8	8.89												
117	59+19	SB	11	10	8	12.22												
118	59+64	SB	4	10	8	4.44												
119	95+35	NB	17	10	8	18.89												
120	97+75	SB	4	10	8	4.44												
121	112+99	NB	4	10	8	4.44												
122	115+35	SB	4	10	8	4.44												
123	120+18	NB	4	10	8	4.44												
124	120+97	NB	7	10	8	7.78												
125	120+97	SB	7	10	8	7.78												
126	124+51	NB	10	4	8	4.44												
127	145+76	NB	8	10	8	8.89												
128	148+17	NB	4	11	8	4.89												
129	148+28	SB	26	11	8	31.78												
130	164+63	NB	58	11	8	70.89												Section Corner
131	184+80	NB	39	10	8	43.33												
132	211+64	NB	4	4	8	1.78												
133	211+64	SB	12	4	8	5.33												
134	211+94	SB	81	10	8	90.00												
						476.67												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C3

PATCHING TABULATION

SHEET NO. C4

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
	E26 HWY 4 TO 144																	
1	4+08	EB	6	11	8	7.33												
2	4+08	WB	6	11	8	7.33												
3	4+48	EB	5	11	8	6.11												
4	4+48	WB	5	11	8	6.11												
5	4+87	EB	6	11	8	7.33												
6	4+87	WB	6	11	8	7.33												
7	5+30	EB	4	4	8	1.78												
8	5+30	WB	4	4	8	1.78												
9	5+69	WB	118	11	8	144.22												Rumble Strip
10	6+46	EB	41	11	8	50.11												
11	8+84	EB	4	5	8	2.22												
12	9+04	WB	4	11	8	4.89												
13	9+04	EB	4	11	8	4.89												
14	33+09	EB	4	11	8	4.89												
15	33+83	EB	53	11	8	64.78												
16	34+96	EB	17	11	8	20.78												
17	36+67	EB	4	4	8	1.78												
18	37+08	WB	4	11	8	4.89												
19	38+66	EB	4	11	8	4.89												
20	38+66	WB	4	11	8	4.89												
21	39+41	WB	15	5	8	8.33												
22	39+41	EB	25	5	8	13.89												
23	48+24	WB	17	5	8	9.44												
24	48+81	WB	35	5	8	19.44												
25	51+12	EB	4	11	8	4.89												
26	51+49	EB	4	4	8	1.78												
27	51+49	WB	4	4	8	1.78												
28	51+89	WB	4	4	8	1.78												
29	51+89	EB	4	4	8	1.78												
30	54+23	EB	5	5	8	2.78												
31	55+41	EB	5	5	8	2.78												
32	56+98	EB	4	5	8	2.22												
33	59+41	EB	100	5	8	55.56												
34	60+61	EB	7	5	8	3.89												
35	61+01	EB	85	5	8	47.22												
36	66+37	EB	113	5	8	62.78												
37	66+99	WB	13	11	8	15.89												
38	68+66	EB	5	4	8	2.22												
39	70+08	EB	10	5	8	5.56												
40	70+32	EB	105	5	8	58.33												
41	71+68	WB	97	5	8	53.89												
42	73+72	WB	25	5	8	13.89												
43	74+49	EB	28	5	8	15.56												
44	87+68	WB	22	11	8	26.89												
45	89+20	WB	10	5	8	5.56												
46	97+09	WB	4	11	8	4.89												
47	97+74	EB	5	4	8	2.22												
48	104+20	WB	11	4	8	4.89												
49	107+47	WB	43	11	8	52.56												
50	114+87	WB	87	11	8	106.33												MAT
51	114+87	EB	87	11	8	106.33												MAT
52	117+57	EB	45	11	8	55.00												
53	131+18	WB	40	5	8	22.22												
54	133+21	EB	5	11	8	6.11												
55	133+26	EB	26	4	8	11.56												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C4

PATCHING TABULATION

SHEET NO. C5

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
	E26 HWY 4 TO 144																	
56	141+21	WB	7	11	8	8.56												
57	142+89	WB	14	4	8	6.22												
58	145+45	WB	52	11	8	63.56												
59	147+41	WB	40	11	8	48.89												
60	147+81	WB	80	5	8	44.44												
61	149+02	WB	40	5	8	22.22												
62	150+17	WB	9	11	8	11.00												
63	154+48	EB	17	11	8	20.78												
64	155+06	EB	13	4	8	5.78												
65	160+22	WB	4	11	8	4.89												
66	160+62	EB	4	11	8	4.89												
67	161+44	EB	4	11	8	4.89												
68	166+71	EB	4	11	8	4.89												
69	167+09	WB	4	4	8	1.78												
70	167+32	EB	44	11	8	53.78												
71	169+11	EB	4	11	8	4.89												
72	169+11	WB	4	11	8	4.89												
73	169+92	EB	4	11	8	4.89												
74	170+19	EB	17	5	8	9.44												
75	173+11	WB	4	11	8	4.89												
76	173+50	EB	4	11	8	4.89												
77	180+90	WB	4	11	8	4.89												
78	181+70	WB	5	11	8	6.11												
79	183+69	WB	85	5	8	47.22												
80	186+03	WB	46	11	8	56.22												
81	194+85	EB	9	11	8	11.00												
82	194+85	WB	9	11	8	11.00												
83	195+52	WB	35	11	8	42.78												
84	198+37	EB	308	11	8	376.44												
85	198+97	WB	248	11	8	303.11												
86	201+16	EB	48	11	8	58.67												
87	201+64	EB	17	5	8	9.44												
88	201+64	WB	4	4	8	1.78												
89	201+81	EB	21	5	8	11.67												
90	203+48	EB	49	5	8	27.22												
91	203+96	WB	4	4	8	1.78												
92	204+37	EB	20	5	8	11.11												
93	204+75	EB	59	5	8	32.78												
						2522.22												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C5

PATCHING TABULATION

SHEET NO. C6

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab 102-6C effective 10-21-14

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
95	210+13	EB	28	11	8.0	34.22												
96	215+37	EB	4	11	8.0	4.89												
97	215+93	EB	42	11	8.0	51.33												
98	216+35	EB	25	5	8.0	13.89												
99	220+74	EB	213	11	8.0	260.33												
100	220+74	WB	213	11	8.0	260.33												
101	227+43	WB	97	5	8.0	53.89												
102	227+97	EB	4	11	8.0	4.89												
103	229+37	EB	61	5	8.0	33.89												
104	229+72	WB	26	11	8.0	31.78												
105	230+20	EB	69	4	8.0	30.67												
106	235+43	WB	40	11	8.0	48.89												
107	248+42	WB	4	11	8.0	4.89												
108	251+93	EB	7	11	8.0	8.56												
109	257+01	WB	28	11	8.0	34.22												
110	260+71	EB	30	4	8.0	13.33												
111	261+78	EB	4	4	8.0	1.78												
112	265+79	WB	4	11	8.0	4.89												
113	274+23	WB	36	11	8.0	44.00												
114	275+24	EB	55	11	8.0	67.22												
115	275+79	EB	25	5	8.0	13.89												
116	278+16	WB	33	11	8.0	40.33												
117	287+04	EB	56	11	8.0	68.44												
118	287+04	WB	56	11	8.0	68.44												
119	287+85	EB	42	11	8.0	51.33												
120	287+85	WB	42	11	8.0	51.33												
121	289+27	EB	62	11	8.0	75.78												
122	289+56	WB	45	11	8.0	55.00												
123	293+81	EB	4	4	8.0	1.78												
124	296+29	WB	4	11	8.0	4.89												
125	297+47	WB	4	11	8.0	4.89												
126	297+88	WB	4	4	8.0	1.78												
127	298+27	EB	4	11	8.0	4.89												
128	298+27	WB	4	4	8.0	1.78												
129	299+03	WB	7	11	8.0	8.56												
130	299+03	EB	7	11	8.0	8.56												
131	301+41	EB	4	11	8.0	4.89												
132	302+11	EB	21	11	8.0	25.67												
133	302+20	WB	17	11	8.0	20.78												
134	302+60	WB	4	11	8.0	4.89												
135	303+37	WB	4	11	8.0	4.89												
136	303+79	WB	5	11	8.0	6.11												
137	304+41	WB	36	11	8.0	44.00												
138	304+77	WB	74	5	8.0	41.11												
139	305+78	WB	112	5	8.0	62.22												
140	306+94	WB	4	11	8.0	4.89												
141	306+94	EB	4	11	8.0	4.89												
142	307+00	WB	51	5	8.0	28.33												
143	307+72	WB	177	5	8.0	98.33												
144	309+88	WB	342	5	8.0	190.00												
145	303+48	WB	57	5	8.0	31.67												
146	314+43	EB	12	11	8.0	14.67												
147	316+02	EB	5	11	8.0	6.11												
148	316+42	WB	4	11	8.0	4.89												
149	318+37	EB	6	11	8.0	7.33												
150	318+37	WB	6	11	8.0	7.33												
151	319+54	WB	6	11	8.0	7.33												
152	319+94	EB	4	11	8.0	4.89												
153	319+94	WB	4	11	8.0	4.89												
154	320+34	EB	4	11	8.0	4.89												
155	321+55	WB	5	11	8.0	6.11												
156	321+94	EB	4	11	8.0	4.89												
157	321+94	WB	4	4	8.0	1.78												
						2117.33												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C6

PATCHING TABULATION

SHEET NO. C7

FULL-DEPTH PATCHES

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

This Data Entry Sheet fills Tab effective 01-00-00

Location			Dimension			PCC Patches												
Count	Station or Milepost	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
						PR-103	PR-102	PR-104			PR-140	PR-101	PR-101 or PR-140			PR-101		
		L, R, or B	FT	FT	IN	SY	SY	SY	SY	TON	SY	SY	No.	No.	No.	No.	No.	
E26 Hwy 4 to Hwy144																		
158	323+30	EB	5	11	8.00	6.11												
159	324+16	WB	20	4	8.00	8.89												
160	343+89	WB	19	11	8.00	23.22												
161	344+21	EB	29	11	8.00	35.44												
162	345+03	EB	4	11	8.00	4.89												
163	345+58	EB	4	11	8.00	4.89												
164	346+80	WB	4	11	8.00	4.89												
165	352+89	WB	27	11	8.00	33.00												Mat
166	352+89	WB	27	11	8.00	33.00												Mat
167	353+79	EB	5	4	8.00	2.22												
168	353+79	WB	4	4	8.00	1.78												
169	354+44	WB	4	5	8.00	2.22												
170	366+00	WB	57	11	8.00	69.67												
171	366+99	WB	70	11	8.00	85.56												
172	366+99 RADIUS	WB	Irregular	Irregular	8.00	102.90												
						418.68												
E26 HWY 144 To BOONE COUNTY LINE																		
173	109+87	WB	5	11	8.00	6.11												
174	111+44	WB	31	11	8.00	37.89												
175	111+75	WB	140	5	8.00	77.78												
176	114+99	WB	32	11	8.00	39.11												
177	116+87	WB	4	5	8.00	2.22												
178	119+14	EB	17	5	8.00	9.44												
179	121+84	EB	8	4	8.00	3.56												
180	135+12	EB	96	5	8.00	53.33												
181	146++06	WB	70	5	8.00	38.89												
182	150+97	WB	4	11	8.00	4.89												
183	151+35	WB	4	11	8.00	4.89												
184	154+23	EB	38	4	8.00	16.89												
185	155+18	WB	137	11	8.00	167.44												
186	160+90	EB	16	4	8.00	7.11												
187	161+08	WB	11	11	8.00	13.44												
188	161+43	WB	13	4	8.00	5.78												
189	161+56	WB	22	11	8.00	26.89												
190	162+93	WB	40	11	8.00	48.89												
191	163+32	EB	28	5	8.00	15.56												
192	165+31	WB	37	5	8.00	20.56												
193	165+68	WB	4	11	8.00	4.89												
194	172+44	WB	80	11	8.00	97.78												
195	172+64	EB	60	11	8.00	73.33												
196	173+46	WB	25	11	8.00	30.56												
197	177+62	WB	33	5	8.00	18.33												
198	177+62	EB	58	11	8.00	70.89												
199	180+41	WB	12	4	8.00	5.33												
200	180+84	WB	44	11	8.00	53.78												
201	181+28	EB	65	5	8.00	36.11												
202	184+00	EB	22	11	8.00	26.89												
203	184+22	EB	70	5	8.00	38.89												
204	184+92	EB	12	11	8.00	14.67												
205	184+92	WB	4	11	8.00	4.89												
206	187+40	WB	4	11	8.00	4.89												
207	190+16	WB	31	11	8.00	37.89												
208	191+76	EB	22	11	8.00	26.89												
209	192+20	EB	18	11	8.00	22.00												
210	192+38	EB	52	5	8.00	28.89												
211	194+09	WB	36	11	8.00	44.00												
212	195+29	WB	4	11	8.00	4.89												
213	198+17	EB	22	5	8.00	12.22												
214	208+81	EB	4	4	8.00	1.78												
						1260.44												
	TOTAL					12749.54												

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PROJECT NUMBER	STATE	FHWA REGION	FISCAL YEAR	SHEET NO.
FM-C037(68)--55-37	IOWA	7	2015	C7