

CONTRACT

J5017 GB

FA96 (Form 650019)
05-13

Letting Date: January 21, 2015 Contract ID: 81-1961-021 Bid Order No.: 108
County: SAC Project Engineer: CHEROKEE RCE
Cost Center: 611000 Object Code: 890 DBE Commitment: \$0.00
Contract Work Type: PCC PAVEMENT - GRADE/REPLACE

This agreement made and entered by and between the IOWA DEPARTMENT OF TRANSPORTATION,
CONTRACTING AUTHORITY, AND
PETERSON CONTRACTORS, INC. & GODBERSEN-SMITH CONST. CO., INC OF REINBECK, IA,
(PE322), CONTRACTOR

It is agreed that the notice and instructions to bidders, the proposal filed by the Contractor, the specifications, the plan, if any, for project(s) listed below, together with Contractor's performance bond, are made a part hereof and together with this instrument constitute the contract. This contract contains all of the terms and conditions agreed upon by the parties hereto. A true copy of said plan is now on file in the office of the Contracting Authority under date of 01/16/2015.

SEE ATTACHED PROJECT LIST ON PAGE 1C.

The specifications consist of the Standard Specifications for Highway and Bridge Construction, Series 2012 of the Iowa Department of Transportation plus the following Supplemental Specifications, Special Provisions, and addendums: DS-12007, DS-12027, DS-12040, DS-12042, DS-12047,

GS-12005, SP-120246, SP-120279A, SS-12013, ADDENDUMS: 21JAN108.A01, 21JAN108.A02, 21JAN108.A03, 21JAN108.A04, 21JAN108.A05, 21JAN108.A06, 21JAN108.A07, 21JAN108.A08, 21JAN108.A09, 21JAN108.A10, 21JAN108.A11

Contractor, for and in considerations of \$25,308,151.19 payable as set forth in the specifications constituting a part of this contract, agrees to construct various items of work and/or provide various materials or supplies in accordance with the plans and specifications therefore, and in the locations designated in the Notice to Bidders.

Contractor certifies by signature on this contract, under pain of penalties for false certification, that the Contractor has complied with Iowa Code Section 452A.17(8) as amended, if applicable, and Iowa Code Section 91C.5 (Public Registration Number), if applicable.

In consideration of the foregoing, Contracting authority hereby agrees to pay the Contractor promptly and according to the requirements of the specifications the amounts set forth, subject to the conditions as set forth in the specifications.

It is further understood and agreed that the above work shall also be commenced or completed in accordance with Page 1B of this Contract and assigned Proposal Notes.

To accomplish the purpose herein expressed, the Contracting authority and Contractor have signed this and one other identical instrument.

For Federal-Aid contracts the Contractor certifies that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the contract.

By [Signature], Contractor

By [Signature], Contracting Authority

Contract Award Date FEB 27 2015 proposal

By Wm W. Lugsen, Contracting Authority

Contract Award Date

Iowa DOT Concurrence

Letting Date: January 21, 2015 Contract ID: 81-1961-021

Bid Order No. : 108

It is further understood and agreed that the above work shall be commenced or completed in accordance with the following schedule:

SITE NUMBER	CONTRACT PERIOD /SITE DESCRIPTION	LIQUIDATED DAMAGES
	CONTRACT LATE START DATE 03/16/2015 10 WORKING DAYS	\$2,000.00
01	SPECIFIED START 03/16/2015 255 CALENDAR DAYS TO COMPLETE ALL WORK THAT REQUIRES A CLOSURE, SEE BELOW.	\$2,000.00
02	NO START DATE SPECIFIED 28 CALENDAR DAYS TO LIMIT THE CLOSURE OF COUNTY ROAD D36, SEE BELOW.	\$1,000.00
03	NO START DATE SPECIFIED 28 CALENDAR DAYS TO LIMIT THE CLOSURE OF COUNTY ROAD D42, SEE BELOW.	\$1,000.00
04	NO START DATE SPECIFIED 28 CALENDAR DAYS TO LIMIT THE CLOSURE OF COUNTY ROAD D46, SEE BELOW.	\$1,000.00

CONTRACT NOTES

*** CONTRACT SITE NUMBER ***
WORKING DAYS FOR THIS SITE ARE TO COMPLETE WORK THAT DOES NOT INCLUDE CLOSURES. THIS INCLUDES EROSION CONTROL WORK.

*** SITE NUMBER 01 ***
THE INTENT IS TO HAVE ALL TRAFFIC LANES OPEN ON THE PROJECT BY THE WEDNESDAY BEFORE THANKSGIVING. THIS INCLUDES ALL WORK THAT REQUIRES THE CLOSURE OF A LANE OR THE SHOULDER.

*** SITE NUMBERS 02, 03 AND 04 ***
THE INTENT IS TO LIMIT THE CLOSURE TIME OF EACH OF THE PAVED COUNTY SIDE ROADS TO THROUGH TRAFFIC. EACH COUNTY PAVED SIDE ROAD IS A SEPARATE SITE. INCLUDES ALL WORK THAT CLOSES A LANE OR SHOULDER OF THE COUNTY SIDE ROAD TO THROUGH TRAFFIC. THE COUNTY SIDE ROADS ARE D36, D42 AND D46.

LETTING DATE: January 21, 2015

BID ORDER NO.: 108

PROJECT: BRFN-196-1(14)--39-81 COUNTY: SAC
WORK TYPE: BRIDGE REPLACEMENT - PPCB ACCOUNTING ID: 32183
ROUTE: IOWA 196 LENGTH (MILES): 0
LOCATION: OVER CEDAR CREEK 0.2 MILE S. OF
CO. RD. D-36
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$3,529,981.50

PROJECT: BRFN-196-1(15)--39-81 COUNTY: SAC
WORK TYPE: BRIDGE REPLACEMENT - PPCB ACCOUNTING ID: 32184
ROUTE: IOWA 196 LENGTH (MILES): 7.13
LOCATION: OVER RACCOON RIVER 1.1 MILES N. OF US 71
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$2,394,532.60

PROJECT: STPN-196-1(21)--2J-81 COUNTY: SAC
WORK TYPE: PCC PAVEMENT - GRADE/REPLACE ACCOUNTING ID: 32185
ROUTE: IOWA 196 LENGTH (MILES): 10.2
LOCATION: FROM US 71 N. TO CO. RD. D-36
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$18,854,801.69

PROJECT: STPN-196-1(24)--2J-81 COUNTY: SAC
WORK TYPE: RCB CULVERT RPLC - SINGLE BOX ACCOUNTING ID: 32186
ROUTE: IOWA 196 LENGTH (MILES): 7.13
LOCATION: APPROX. 5.2 MILES S. OF RELOC. US 20
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$305,862.90

PROJECT: STPN-196-1(26)--2J-81 COUNTY: SAC
WORK TYPE: TRAFFIC SIGNS ACCOUNTING ID: 32187
ROUTE: IOWA 196 LENGTH (MILES): 0
LOCATION: FROM JCT US 71/IA 193 TO JCT US 20/US 71
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$222,972.50

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
SECTION 0001 DESIGN NO. 0113; A 262'-0 X 60' PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE BRFN-196-1(14)--39-81				
0010	2401-6745625 REMOVAL OF EXISTING BRIDGE	LUMP	LUMP	300,000.00
0020	2402-2720000 EXCAVATION, CLASS 20	1,197.000 CY	30.00000	35,910.00
0030	2402-2721000 EXCAVATION, CLASS 21	380.000 CY	650.00000	247,000.00
0040	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	1,105.000 CY	670.00000	740,350.00
0050	2404-7775000 REINFORCING STEEL	71,612.000 LB	0.90000	64,450.80
0060	2404-7775005 REINFORCING STEEL, EPOXY COATED	165,107.000 LB	1.10000	181,617.70
0070	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	4,258.000 LB	4.00000	17,032.00
0080	2407-0564060 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD60	8.000 EACH	14,000.00000	112,000.00
0090	2407-0564065 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD65	8.000 EACH	13,500.00000	108,000.00
0100	2407-0564135 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD135	8.000 EACH	27,000.00000	216,000.00
0110	2408-7800000 STRUCTURAL STEEL	14,869.000 LB	4.00000	59,476.00

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			Dollars	Cts	Dollars	Cts
0120	2414-6424110 CONCRETE BARRIER RAILING	582.000 LF	65.00000		37,830.00	
0130	2501-0201057 PILES, STEEL, HP 10 X 57	1,800.000 LF	48.00000		86,400.00	
0140	2501-0201473 PILES, STEEL, HP 14 X 73	4,750.000 LF	56.00000		266,000.00	
0150	2501-6335010 PREBORED HOLES	300.000 LF	32.00000		9,600.00	
0160	2507-2638650 BRIDGE WING ARMORING - EROSION STONE	25.000 SY	65.00000		1,625.00	
0170	2507-6800061 REVETMENT, CLASS E	805.000 TON	58.00000		46,690.00	
0180	2533-4980005 MOBILIZATION	LUMP	LUMP		1,000,000.00	
SECTION 0002 DESIGN NO. 0115; A 268'-0 X 44'-0 PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE BRFN-16-1(15)--39-81						
0190	2104-2710020 EXCAVATION, CLASS 10, CHANNEL	1,452.400 CY	6.00000		8,714.40	
0200	2401-6745625 REMOVAL OF EXISTING BRIDGE	LUMP	LUMP		300,000.00	
0210	2402-2720000 EXCAVATION, CLASS 20	230.000 CY	30.00000		6,900.00	
0220	2402-2721000 EXCAVATION, CLASS 21	326.000 CY	725.00000		236,350.00	

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			Dollars	Cts	Dollars	Cts
0230	2403-0100010 STRUCTURAL CONCRETE (BRIDGE)	680.300 CY	670.00000		455,801.00	
0240	2404-7775000 REINFORCING STEEL	29,412.000 LB	0.90000		26,470.80	
0250	2404-7775005 REINFORCING STEEL, EPOXY COATED	116,684.000 LB	1.10000		128,352.40	
0260	2404-7775009 REINFORCING STEEL, STAINLESS STEEL	4,308.000 LB	4.00000		17,232.00	
0270	2407-0551480 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D80	14.000 EACH	15,000.00000		210,000.00	
0280	2407-0551505 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D105	7.000 EACH	18,500.00000		129,500.00	
0290	2408-7800000 STRUCTURAL STEEL	5,665.000 LB	4.00000		22,660.00	
0300	2414-6424110 CONCRETE BARRIER RAILING	590.000 LF	50.00000		29,500.00	
0310	2501-0201057 PILES, STEEL, HP 10 X 57	5,760.000 LF	48.00000		276,480.00	
0320	2501-6335010 PREBORED HOLES	336.000 LF	32.00000		10,752.00	
0330	2507-2638650 BRIDGE WING ARMORING - EROSION STONE	24.000 SY	65.00000		1,560.00	

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0340	2507-3250005 ENGINEERING FABRIC	2,148.500 SY	3.00000		6,445.50	
0350	2507-6800061 REVETMENT, CLASS E	2,309.500 TON	55.00000		127,022.50	
0360	2507-8029000 EROSION STONE	14.400 TON	55.00000		792.00	
0370	2533-4980005 MOBILIZATION	LUMP	LUMP		400,000.00	

SECTION 0003 ROADWAY ITEMS

STPN-196-1 (21) --2J-81

0380	2101-0850001 CLEARING AND GRUBBING	294.000 ACRE	449.00000		132,006.00	
0390	2102-0425071 SPECIAL BACKFILL	18,110.800 CY	15.35000		278,000.78	
0400	2102-2624980 CONTRACTOR FURNISHED SELECT TREATMENT	80,889.600 CY	8.15000		659,250.24	
0410	2102-2625001 EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	444,471.000 CY	7.50000		3,333,532.50	
0420	2102-2710070 EXCAVATION, CLASS 10, ROADWAY AND BORROW	432,651.000 CY	2.52000		1,090,280.52	
0430	2102-2710090 EXCAVATION, CLASS 10, WASTE	2,569.000 CY	3.90000		10,019.10	

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			Dollars	Cts	Dollars	Cts
0440	2102-2712015 EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	 300.000 CY	 20.00000		 6,000.00	
0450	2102-2713090 EXCAVATION, CLASS 13, WASTE	 5,160.000 CY	 4.30000		 22,188.00	
0460	2102-4560000 LOCATING TILE LINES	 852.800 STA	 125.00000		 106,600.00	
0470	2105-8425011 TOPSOIL, SPREAD	 177,295.000 CY	 1.90000		 336,860.50	
0480	2105-8425020 TOPSOIL, STRIP AND STOCKPILE	 197,222.000 CY	 1.60000		 315,555.20	
0490	2107-0425020 COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES	 1,052.100 CY	 4.25000		 4,471.43	
0500	2107-0875100 COMPACTION WITH MOISTURE CONTROL	 755,358.000 CY	 0.60000		 453,214.80	
0510	2107-3825025 GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN	 3,061.000 CY	 15.50000		 47,445.50	
0520	2111-8174100 GRANULAR SUBBASE	 178,345.700 SY	 5.95000		 1,061,156.92	
0530	2112-0000100 WICK DRAIN	 32,343.000 LF	 1.25000		 40,428.75	
0540	2121-7425010 GRANULAR SHOULDERS, TYPE A	 14,368.200 TON	 20.60000		 295,984.92	

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			Dollars	Cts	Dollars	Cts
0550	2122-5190095 PAVED SHOULDER, P.C. CONCRETE, 9.5 IN.	 1,244.700 SY	 42.00000		 52,277.40	
0560	2122-5190501 PAVED SHOULDER, PORTLAND CEMENT CONCRETE (PAVED SHOULDER PANEL FOR BRIDGE END DRAIN)	 106.800 SY	 80.00000		 8,544.00	
0570	2123-7450000 SHOULDER CONSTRUCTION, EARTH	 899.600 STA	 245.00000		 220,402.00	
0580	2123-7450020 SHOULDER FINISHING, EARTH	 11.800 STA	 200.00000		 2,360.00	
0590	2301-0690200 BRIDGE APPROACH, RK-20	 1,192.800 SY	 165.00000		 196,812.00	
0600	2301-1003095 STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9.5 IN.	 148,617.900 SY	 28.50000		 4,235,610.15	
0610	2301-9091000 RUMBLE STRIP PANEL (PCC SURFACE)	 1.000 EACH	 100.00000		 100.00	
0620	2304-0100000 DETOUR PAVEMENT	 12,844.300 SY	 35.00000		 449,550.50	
0630	2312-8260051 GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	 6,705.000 TON	 20.15000		 135,105.75	
0640	2314-8257000 DUST CONTROL SURFACE TREATMENT	 200.000 STA	 75.00000		 15,000.00	

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			Dollars	Cts	Dollars	Cts
0650	2401-6745650 REMOVAL OF EXISTING STRUCTURES	LUMP	LUMP			9,500.00
0660	2402-0425040 FLOODED BACKFILL	3,580.300 CY		20.50000		73,396.15
0670	2402-2720100 EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	9,274.000 CY		5.00000		46,370.00
0680	2412-0000100 LONGITUDINAL GROOVING IN CONCRETE	4,155.000 SY		1.90000		7,894.50
0685	2416-0100018 APRONS, CONCRETE, 18 IN. DIA.	1.000 EACH		830.00000		830.00
0690	2416-0100024 APRONS, CONCRETE, 24 IN. DIA.	18.000 EACH		1,225.00000		22,050.00
0700	2416-0100030 APRONS, CONCRETE, 30 IN. DIA.	12.000 EACH		1,180.00000		14,160.00
0710	2416-0100036 APRONS, CONCRETE, 36 IN. DIA.	11.000 EACH		1,850.00000		20,350.00
0720	2416-0100042 APRONS, CONCRETE, 42 IN. DIA.	2.000 EACH		2,045.00000		4,090.00
0730	2416-0100048 APRONS, CONCRETE, 48 IN. DIA.	7.000 EACH		2,230.00000		15,610.00
0740	2416-0100066 APRONS, CONCRETE, 66 IN. DIA.	4.000 EACH		4,240.00000		16,960.00

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0750	2416-0100072 APRONS, CONCRETE, 72 IN. DIA.	2.000 EACH	3,950.00000		7,900.00	
0760	2416-0101136 REMOVE AND REINSTALL CONCRETE PIPE APRONS GREATER THAN 36 IN.	1.000 EACH	900.00000		900.00	
0770	2416-0102254 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 54 IN.	2.000 EACH	2,700.00000		5,400.00	
0780	2416-0102290 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 90 IN.	2.000 EACH	6,200.00000		12,400.00	
0790	2416-1180024 CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	1,198.000 LF	52.00000		62,296.00	
0800	2416-1180030 CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA.	370.000 LF	67.00000		24,790.00	
0810	2416-1180036 CULVERT, CONCRETE ROADWAY PIPE, 36 IN. DIA.	400.000 LF	86.25000		34,500.00	
0820	2416-1180042 CULVERT, CONCRETE ROADWAY PIPE, 42 IN. DIA.	104.000 LF	125.00000		13,000.00	
0830	2416-1180048 CULVERT, CONCRETE ROADWAY PIPE, 48 IN. DIA.	314.000 LF	134.00000		42,076.00	
0840	2416-1180072 CULVERT, CONCRETE ROADWAY PIPE, 72 IN. DIA.	122.000 LF	305.00000		37,210.00	

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			Dollars	Cts	Dollars	Cts
0850	2416-1200254 CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 54 IN.	92.000 LF	267.00000		24,564.00	
0860	2416-1200290 CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 90 IN.	100.000 LF	635.00000		63,500.00	
0870	2416-1240036 CULVERT, 3000D CONCRETE ROADWAY PIPE, 36 IN. DIA.	200.000 LF	100.00000		20,000.00	
0880	2416-1240066 CULVERT, 3000D CONCRETE ROADWAY PIPE, 66 IN. DIA.	214.000 LF	302.00000		64,628.00	
0890	2416-1245066 CULVERT, 3750D CONCRETE ROADWAY PIPE, 66 IN. DIA.	274.000 LF	336.00000		92,064.00	
0900	2416-1262024 CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 24 IN. DIA.	66.000 LF	510.00000		33,660.00	
0910	2417-0250021 APRONS, METAL, ARCH, 21 IN. X 15 IN.	2.000 EACH	325.00000		650.00	
0920	2417-1080021 CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 21 IN. X 15 IN.	34.000 LF	31.00000		1,054.00	
0930	2418-0000010 TEMPORARY STREAM DIVERSION	1.000 EACH	4,500.00000		4,500.00	
0940	2422-0360018 APRONS, UNCLASSIFIED, 18 IN. DIA.	6.000 EACH	300.00000		1,800.00	

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			Dollars	Cts	Dollars	Cts
0950	2422-0360024 APRONS, UNCLASSIFIED, 24 IN. DIA.	86.000 EACH	370.00000		31,820.00	
0960	2422-0360030 APRONS, UNCLASSIFIED, 30 IN. DIA.	2.000 EACH	700.00000		1,400.00	
0970	2422-1722018 CULVERT, UNCLASSIFIED ENTRANCE PIPE, 18 IN. DIA.	88.000 LF	26.00000		2,288.00	
0980	2422-1722024 CULVERT, UNCLASSIFIED ENTRANCE PIPE, 24 IN. DIA.	2,368.000 LF	30.50000		72,224.00	
0990	2422-1723024 CULVERT, UNCLASSIFIED ROADWAY PIPE, 24 IN. DIA.	559.000 LF	41.25000		23,058.75	
1000	2422-1723030 CULVERT, UNCLASSIFIED ROADWAY PIPE, 30 IN. DIA.	52.000 LF	54.25000		2,821.00	
1010	2435-0250800 INTAKE, SW-508	4.000 EACH	3,750.00000		15,000.00	
1020	2435-0251218 INTAKE, SW-512, 18 IN.	1.000 EACH	1,250.00000		1,250.00	
1030	2435-0251224 INTAKE, SW-512, 24 IN.	2.000 EACH	1,350.00000		2,700.00	
1040	2435-0254500 INTAKE, SW-545	2.000 EACH	5,870.00000		11,740.00	
1050	2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	93,546.000 LF	5.20000		486,439.20	

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1055	2502-8212204 SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.	2,441.000 LF	3.60000		8,787.60	
1060	2502-8220193 SUBDRAIN OUTLET (RF-19C)	12.000 EACH	330.00000		3,960.00	
1070	2502-8220196 SUBDRAIN OUTLET, RF-19E	351.000 EACH	175.00000		61,425.00	
1080	2502-8220197 SUBDRAIN OUTLET (RF-19F)	8.000 EACH	160.00000		1,280.00	
1090	2503-0114215 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	111.000 LF	39.00000		4,329.00	
1100	2503-0114218 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	238.000 LF	48.50000		11,543.00	
1110	2503-0114230 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	618.000 LF	76.00000		46,968.00	
1120	2503-0114236 STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	80.000 LF	114.00000		9,120.00	
1130	2503-0500390 BRIDGE END DRAIN, RF-39	4.000 EACH	2,500.00000		10,000.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1140	2505-4008120 REMOVAL OF STEEL BEAM GUARDRAIL	1,224.600 LF	3.00000		3,673.80	
1150	2505-4008300 STEEL BEAM GUARDRAIL	150.000 LF	17.00000		2,550.00	
1160	2505-4008400 STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION	6.000 EACH	1,600.00000		9,600.00	
1170	2505-4021010 STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	6.000 EACH	200.00000		1,200.00	
1180	2505-4021700 STEEL BEAM GUARDRAIL END TERMINAL	6.000 EACH	1,600.00000		9,600.00	
1190	2506-4984000 FLOWABLE MORTAR	228.600 CY	135.00000		30,861.00	
1200	2507-8029000 EROSION STONE	150.000 TON	43.00000		6,450.00	
1210	2510-6745850 REMOVAL OF PAVEMENT	134,632.400 SY	5.25000		706,820.10	
1220	2515-2475006 DRIVEWAY, P.C. CONCRETE, 6 IN.	1,056.200 SY	45.00000		47,529.00	
1230	2515-6745600 REMOVAL OF PAVED DRIVEWAY	920.000 SY	4.30000		3,956.00	
1240	2518-6910000 SAFETY CLOSURE	87.000 EACH	125.00000		10,875.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1250	2520-3350010 FIELD LABORATORY	1.000 EACH	4,500.00000		4,500.00	
1260	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP		98,750.00	
1270	2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	2,057.190 STA	16.45000		33,840.78	
1280	2527-9263131 WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	45.530 STA	115.00000		5,235.95	
1290	2527-9263180 PAVEMENT MARKINGS REMOVED	98.880 STA	22.50000		2,224.80	
1300	2528-8400157 TEMPORARY FLOODLIGHTING LUMINAIRE	4.000 EACH	4,800.00000		19,200.00	
1310	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP		34,600.00	
1320	2528-8445113 FLAGGERS	100.000 EACH	345.00000		34,500.00	
1330	2528-8445115 PILOT CARS	20.000 EACH	515.00000		10,300.00	
1340	2529-2242304 CD JOINT ASSEMBLY	5.000 EACH	80.00000		400.00	
1350	2529-5070110 PATCHES, FULL-DEPTH FINISH, BY AREA	392.000 SY	81.00000		31,752.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1360	2529-5070120 PATCHES, FULL-DEPTH FINISH, BY COUNT	29.000 EACH	50.00000		1,450.00	
1370	2529-8202000 RUMBLE STRIP PANEL (IN FULL DEPTH PATCH)	1.000 EACH	500.00000		500.00	
1380	2533-4980005 MOBILIZATION	LUMP	LUMP		925,000.00	
1390	2548-0000200 MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	852.800 STA	25.00000		21,320.00	
1400	2548-0000320 MILLED CENTERLINE RUMBLE STRIPS, PCC SURFACE	426.400 STA	25.00000		10,660.00	
1405	2599-9999001 ('ACRES' ITEM) ('ACRES' ITEM) MULCH (PREPARATION AND APPLICATION ONLY)	245.000 ACRE	160.00000		39,200.00	
1410	2599-9999005 ('EACH' ITEM) CLEAN OUT OF TEMPORARY SEDIMENT CONTROL DEVICE	16.000 EACH	250.00000		4,000.00	
1420	2599-9999005 ('EACH' ITEM) SUBDRAIN OUTLET, DR-306	339.000 EACH	275.00000		93,225.00	
1430	2599-9999005 ('EACH' ITEM) TEMPORARY SEDIMENT CONTROL DEVICE	16.000 EACH	750.00000		12,000.00	
1450	2601-2634105 MULCHING, BONDED FIBER MATRIX	1.000 ACRE	3,450.00000		3,450.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
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 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1460	2601-2640350 SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	 1,088.000 SQ	 14.50000		 15,776.00	
1470	2601-2642100 STABILIZING CROP - SEEDING AND FERTILIZING	 245.000 ACRE	 498.00000		 122,010.00	
1480	2601-2642120 STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	 1.000 ACRE	 700.00000		 700.00	
1490	2601-2643110 WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	 291.200 MGAL	 60.00000		 17,472.00	
1500	2601-2643300 MOBILIZATION FOR WATERING	 3.000 EACH	 350.00000		 1,050.00	
1510	2601-2643412 TURF REINFORCEMENT MAT, TYPE 2	 368.000 SQ	 81.00000		 29,808.00	
1520	2602-0000020 SILT FENCE	 26,548.000 LF	 1.35000		 35,839.80	
1530	2602-0000030 SILT FENCE FOR DITCH CHECKS	 29,852.000 LF	 1.45000		 43,285.40	
1540	2602-0000050 SILT BASINS	 74.000 EACH	 150.00000		 11,100.00	
1550	2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	 56,400.000 LF	 0.05000		 2,820.00	
1560	2602-0000080 REMOVAL OF SILT BASINS	 37.000 EACH	 600.00000		 22,200.00	

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Vendor No.: PE322 Bid Order No.: 108
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 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1570	2602-0000101 MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	 5,640.000 LF	 0.25000		 1,410.00	
1580	2602-0000212 FLOATING SILT CURTAIN (HANGING)	 1,400.000 LF	 17.00000		 23,800.00	
1590	2602-0000240 MAINTENANCE OF FLOATING SILT CURTAIN	 700.000 LF	 8.00000		 5,600.00	
1600	2602-0000312 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	 6,984.000 LF	 2.70000		 18,856.80	
1610	2602-0000320 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	 2,000.000 LF	 3.40000		 6,800.00	
1620	2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	 8,984.000 LF	 0.05000		 449.20	
1630	2602-0010010 MOBILIZATIONS, EROSION CONTROL	 1.000 EACH	 500.00000		 500.00	
1640	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	 1.000 EACH	 1,000.00000		 1,000.00	
SECTION 0004 ALTERNATE 'AA' OPTION 1: PCC SHOULDER BID THIS SECTION IF ALTERNATE 'AA' OPTION 1 IS CHOSEN (021) ALT GROUP AA1						
1650	2122-5190006 PAVED SHOULDER, P.C. CONCRETE, 6 IN.	 37,078.200 SY	 22.00000		 815,720.40	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
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 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1660	2548-0000200 MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	11.900 STA	25.00000		297.50	

SECTION 0006 PAYMENT ADJUSTMENT INCENTIVE ITEMS

STPN-196-1(21)--2J-81

1700	2301-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	130,000.000 EACH	1.00000		130,000.00	
1710	2301-7000120 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR QM-C PCC PAVEMENT COARSENESS AND WORKABILITY FACTORS	115,000.000 EACH	1.00000		115,000.00	
1720	2317-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	110,000.000 EACH	1.00000		110,000.00	

SECTION 0007 LIGHTING ITEMS

STPN-196-1(21)--2J-81

1730	2401-6745356 REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	2.000 EACH	360.00000		720.00	
1740	2401-6745765 REMOVAL OF LIGHT POLES	1.000 EACH	300.00000		300.00	
1750	2523-0000200 ELECTRICAL CIRCUITS	300.000 LF	16.00000		4,800.00	
1760	2523-0000310 HANDHOLES AND JUNCTION BOXES	2.000 EACH	725.00000		1,450.00	

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price Dollars Cts	Bid Amount Dollars Cts
1770	2523-6765009 REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	1.000 EACH	1,800.00000	1,800.00
SECTION 0009 ALTERNATE 'BB' OPTION 2: PRECAST CULVERT BID THIS SECTION IF ALTERNATE 'BB' OPTION 2 IS CHOSEN (024) ALT GROUP BB2				
1860	2102-0425071 SPECIAL BACKFILL	260.000 CY	19.00000	4,940.00
1870	2401-6750001 REMOVALS, AS PER PLAN	LUMP	LUMP	10,000.00
1880	2402-0425030 GRANULAR BACKFILL	75.000 CY	26.00000	1,950.00
1890	2402-2720000 EXCAVATION, CLASS 20	680.000 CY	6.00000	4,080.00
1900	2415-2111212 PRECAST CONCRETE BOX CULVERT, 12 FT. X 12 FT.	169.000 LF	1,040.00000	175,760.00
1910	2415-2201212 PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 12 FT.	2.000 EACH	43,000.00000	86,000.00
1920	2507-3250005 ENGINEERING FABRIC	356.000 SY	3.00000	1,068.00
1930	2507-6800061 REVETMENT, CLASS E	256.700 TON	47.00000	12,064.90
1940	2533-4980005 MOBILIZATION	LUMP	LUMP	10,000.00

SECTION 0010 TRAFFIC SIGN ITEMS

CONTRACT SCHEDULE OF PRICES

Vendor No.: PE322 Bid Order No.: 108
 Contract ID No.: 81-1961-021 Letting Date: January 21, 2015
 Primary Work Type: PCC PAVEMENT - GRADE & REPLACE 10:00 A.M.
 Primary County: SAC

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
1950	2401-6745355 REMOVAL OF CONCRETE FOOTINGS OF HIGHWAY SIGNS	18.000 EACH	360.00000		6,480.00	
1960	2401-6745910 REMOVAL OF SIGN	176.000 EACH	60.00000		10,560.00	
1970	2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN	35.000 EACH	250.00000		8,750.00	
1980	2524-9081275 CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 7'-6"	10.000 EACH	1,200.00000		12,000.00	
1990	2524-9081290 CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 9'-0"	15.000 EACH	1,250.00000		18,750.00	
2000	2524-9210000 MILEPOST MARKERS	100.000 EACH	165.00000		16,500.00	
2010	2524-9276010 PERFORATED SQUARE STEEL TUBE POSTS	1,462.000 LF	8.00000		11,696.00	
2020	2524-9276021 PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	90.000 EACH	160.00000		14,400.00	
2030	2524-9276024 PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY CONCRETE INSTALLATION	6.000 EACH	350.00000		2,100.00	
2040	2524-9276027 PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY	12.000 EACH	600.00000		7,200.00	

CONTRACT SCHEDULE OF PRICES

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
2050	2524-9281210 STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 8 X 21	258.000 LF	40.00000		10,320.00	
2060	2524-9281426 STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 12 X 26	376.000 LF	48.00000		18,048.00	
2070	2524-9290009 SIGN MOUNTING BRACKETS, SPECIAL	5.000 EACH	300.00000		1,500.00	
2080	2524-9325001 TYPE A SIGNS, SHEET ALUMINUM	795.000 SF	17.50000		13,912.50	
2090	2524-9325007 TYPE A SIGNS, PLYWOOD	203.000 SF	35.00000		7,105.00	
2100	2524-9325150 INSTALL TYPE A SIGN	185.000 EACH	55.00000		10,175.00	
2110	2524-9380001 TYPE B SIGNS, EXTRUDED ALUMINUM STRUCTURAL PANEL	2,708.000 SF	17.00000		46,036.00	
2120	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP		2,500.00	
2130	2533-4980005 MOBILIZATION	LUMP	LUMP		3,500.00	
SECTION 0011 TRAFFIC SIGN ITEMS DELIVER AND STOCKPILE			STPN-196-1(26)--2J-81			
2140	2555-0000010 DELIVER AND STOCKPILE SALVAGED MATERIALS	LUMP	LUMP		1,440.00	
TOTAL BID					25,308,151.19	

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: December 17, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A01

Make the following change to the PROPOSAL SPECIAL PROVISIONS LIST and TEXT:

Add the following Special Provisions:

SP-120279 Effective 01/21/2015

SPECIAL PROVISIONS FOR CONFORMITY WITH COORDINATION OF THE
CONTRACT DOCUMENTS

Sac County STPN-196-1(21)--2J-81



Iowa Department of Transportation

SPECIAL PROVISIONS FOR CONFORMITY WITH AND COORDINATION OF THE CONTRACT DOCUMENTS

Sac County
STPN-196-1(21)--2J-81

Effective Date
01/21/2015

THE STANDARD SPECIFICATIONS, SERIES 2012, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

120279.01 DESCRIPTION.

- A. With the exception of small or irregular areas, Automated Machine Guidance according to Article 1105.17 will be required for the grading and paving on this project.
- B. Digital Contract Files.
 1. Digital Files contained within the 81-1691-021_E_Files_(DataFiles).zip file package listed below (files are listed in descending order of precedence):
 - a. LandXML Geometry file: hv_dsn_021.xml within the "Alignment_Data_Files" subfolder.
 - b. LandXML surface files: All LandXML files within the "Machine_Control_Surfaces" subfolder.
 - c. Three dimensional line string CADD files: All DXF files contained within the "DXF_Files" subfolder.
 2. See Appendix A for names, time stamps, and sizes of official files.
 3. The digital files are available for download at the following web site for the project listed above: <http://www.iowadot.gov/contracts/lettings.html>

120279.02 STANDARD SPECIFICATION REVISIONS.

Make the following changes to the Standard Specifications:

1101.03, DEFINITION OF TERMS.

Add to the definition of Contract (Also Contract Documents):

- Digital contract files specified in the contract documents,

1105.04, A.

Replace the Article:

In case of a discrepancy between contents of the contract documents, the following items listed by descending order shall prevail:

1. Addendum
2. Proposal Form
3. Special Provision
4. Digital Contract Files.
- 4 5. Plans
- 5 6. Standard Bridge Plans, Standard Culvert Plans, and Standard Road Plans
- 6 7. Developmental Specifications
- 7 8. Supplemental Specifications
- 8 9. General Supplemental Specifications
- 9 10. Standard Specifications
- 40 11. Materials I.M.

1105.04, D:

Replace the Article:

The Contractor shall not take advantage of any apparent error, omission, or discrepancy in the contract documents. The Engineer will be permitted to make such correction in interpretation as may be deemed necessary for the fulfillment of the intent of the contract documents subject to compensation as provided in Articles 1109.03, 1109.04 and 1109.16. Written notice of changes in the contract documents will be given to the Contractor by the Engineer. Field adjustment of digital contract files, if necessary, will be completed by the Engineer.

Appendix A: Listing of Digital Files

Name	Size	Date
\81-1961-021_E_Files_(DataFiles)\Alignment_Data_Files		
hv_dsn_021.xml	275.4 KB	12/12/2014 11:17
\81-1961-021_E_Files_(DataFiles)\Machine_Control_Surfaces		
existing_surface_021.xml	21.7 MB	12/12/2014 11:27
existing_surface_Stage2.xml	129.3 MB	12/12/2014 11:27
prop_surf_subgrade_completeA.xml	58.4 MB	12/12/2014 11:28
prop_surf_subgrade_completeBC.xml	63.8 MB	12/12/2014 11:28
prop_surf_subgrade_completed.xml	2.0 MB	12/12/2014 11:28
prop_surf_subgrade_DET1.xml	3.1 MB	12/12/2014 11:28
prop_surf_subgrade_DET2.xml	3.6 MB	12/12/2014 11:28
prop_surf_subgrade_ENT0683L.xml	208.1 KB	12/12/2014 11:28
prop_surf_subgrade_ENT0986R.xml	16.5 KB	12/12/2014 11:28
prop_surf_subgrade_ENT10681.xml	134.1 KB	12/12/2014 11:28
prop_surf_subgrade_ML196A.xml	5.6 MB	12/12/2014 11:28
prop_surf_subgrade_ML196BC.xml	20.6 MB	12/12/2014 11:28
prop_surf_subgrade_ML196D.xml	967.7 KB	12/12/2014 11:28
prop_surf_subgrade_SR280W.xml	257.7 KB	12/12/2014 11:28
prop_surf_subgrade_SR300E.xml	379.6 KB	12/12/2014 11:28
prop_surf_subgrade_SR300W.xml	385.9 KB	12/12/2014 11:28
prop_surf_subgrade_SRBE.xml	601.0 KB	12/12/2014 11:28
prop_surf_subgrade_SRBW.xml	496.0 KB	12/12/2014 11:28
prop_surf_subgrade_SRIA175.xml	29.3 MB	12/12/2014 11:29
prop_surf_topsoil_DET1.xml	4.2 MB	12/12/2014 11:29
prop_surf_topsoil_DET2.xml	4.8 MB	12/12/2014 11:29
prop_surf_topsoil_ENT0683L.xml	311.2 KB	12/12/2014 11:29
prop_surf_topsoil_ENT0683R.xml	262.6 KB	12/12/2014 11:29
prop_surf_topsoil_ML196A.xml	15.8 MB	12/12/2014 11:29
prop_surf_topsoil_ML196BC.xml	85.3 MB	12/12/2014 11:29
prop_surf_topsoil_ML196D.xml	3.9 MB	12/12/2014 11:29
prop_surf_topsoil_SR270E.xml	466.9 KB	12/12/2014 11:29
prop_surf_topsoil_SR270W.xml	558.5 KB	12/12/2014 11:29
prop_surf_topsoil_SR280E.xml	231.5 KB	12/12/2014 11:29
prop_surf_topsoil_SR280W.xml	369.9 KB	12/12/2014 11:30
prop_surf_topsoil_SR290E.xml	526.7 KB	12/12/2014 11:30
prop_surf_topsoil_SR290W.xml	618.6 KB	12/12/2014 11:30
prop_surf_topsoil_SR300E.xml	703.8 KB	12/12/2014 11:30
prop_surf_topsoil_SR300W.xml	587.5 KB	12/12/2014 11:30
prop_surf_topsoil_SR310E.xml	598.5 KB	12/12/2014 11:30
prop_surf_topsoil_SR310W.xml	342.9 KB	12/12/2014 11:30

Name	Size	Date
prop_surf_topsoil_SR320E.xml	389.7 KB	12/12/2014 11:30
prop_surf_topsoil_SR320W.xml	431.6 KB	12/12/2014 11:30
prop_surf_topsoil_SR330.xml	1.7 MB	12/12/2014 11:30
prop_surf_topsoil_SRBE.xml	598.0 KB	12/12/2014 11:30
prop_surf_topsoil_SRBW.xml	1.5 MB	12/12/2014 11:30
prop_surf_topsoil_SRIA175.xml	6.8 MB	12/12/2014 11:30
prop_surf_topsoil_SRUS071.xml	2.1 MB	12/12/2014 11:30
prop_surf_top_completeA.xml	81.3 MB	12/12/2014 11:31
prop_surf_top_completeBC.xml	47.5 MB	12/12/2014 11:31
prop_surf_top_completeD.xml	3.6 MB	12/12/2014 11:31
prop_surf_top_DET1.xml	5.4 MB	12/12/2014 11:31
prop_surf_top_DET2.xml	6.5 MB	12/12/2014 11:31
prop_surf_top_DIKE2729.xml	29.6 KB	12/12/2014 11:31
prop_surf_top_DIKE2731.xml	31.4 KB	12/12/2014 11:31
prop_surf_top_DW175.xml	70.6 KB	12/12/2014 11:31
prop_surf_top_ENT0650L.xml	14.1 KB	12/12/2014 11:31
prop_surf_top_ENT0683L.xml	369.6 KB	12/12/2014 11:31
prop_surf_top_ENT0683R.xml	207.5 KB	12/12/2014 11:31
prop_surf_top_ENT0703L.xml	30.0 KB	12/12/2014 11:31
prop_surf_top_ENT0703R.xml	39.5 KB	12/12/2014 11:31
prop_surf_top_ENT0706L.xml	81.9 KB	12/12/2014 11:31
prop_surf_top_ENT0713L.xml	61.1 KB	12/12/2014 11:31
prop_surf_top_ENT0717R.xml	38.3 KB	12/12/2014 11:32
prop_surf_top_ENT0732L.xml	32.3 KB	12/12/2014 11:32
prop_surf_top_ENT0738L.xml	25.3 KB	12/12/2014 11:32
prop_surf_top_ENT0738R.xml	28.8 KB	12/12/2014 11:32
prop_surf_top_ENT0756L.xml	45.3 KB	12/12/2014 11:32
prop_surf_top_ENT0756R.xml	39.3 KB	12/12/2014 11:32
prop_surf_top_ENT0768L.xml	22.9 KB	12/12/2014 11:32
prop_surf_top_ENT0768R.xml	30.0 KB	12/12/2014 11:32
prop_surf_top_ENT0774R.xml	19.5 KB	12/12/2014 11:32
prop_surf_top_ENT0798L.xml	26.4 KB	12/12/2014 11:32
prop_surf_top_ENT0809L.xml	27.6 KB	12/12/2014 11:32
prop_surf_top_ENT0809R.xml	33.5 KB	12/12/2014 11:32
prop_surf_top_ENT0847R.xml	25.2 KB	12/12/2014 11:32
prop_surf_top_ENT0861L.xml	32.3 KB	12/12/2014 11:32
prop_surf_top_ENT0862R.xml	34.7 KB	12/12/2014 11:32
prop_surf_top_ENT0875R.xml	66.1 KB	12/12/2014 11:32
prop_surf_top_ENT0882L.xml	19.5 KB	12/12/2014 11:32
prop_surf_top_ENT0882R.xml	25.3 KB	12/12/2014 11:32

Name	Size	Date
prop_surf_top_ENT0901L.xml	189.7 KB	12/12/2014 11:32
prop_surf_top_ENT0901R.xml	17.2 KB	12/12/2014 11:32
prop_surf_top_ENT0912L.xml	21.8 KB	12/12/2014 11:32
prop_surf_top_ENT0912R.xml	23.3 KB	12/12/2014 11:32
prop_surf_top_ENT0918L.xml	21.8 KB	12/12/2014 11:32
prop_surf_top_ENT0918R.xml	20.5 KB	12/12/2014 11:32
prop_surf_top_ENT0928L.xml	27.6 KB	12/12/2014 11:32
prop_surf_top_ENT0928R.xml	32.3 KB	12/12/2014 11:32
prop_surf_top_ENT0973L.xml	31.2 KB	12/12/2014 11:32
prop_surf_top_ENT0986R.xml	79.9 KB	12/12/2014 11:32
prop_surf_top_ENT1013L.xml	26.4 KB	12/12/2014 11:32
prop_surf_top_ENT1013R.xml	24.1 KB	12/12/2014 11:32
prop_surf_top_ENT1026L.xml	29.6 KB	12/12/2014 11:32
prop_surf_top_ENT1026R.xml	21.6 KB	12/12/2014 11:32
prop_surf_top_ENT1041L.xml	25.2 KB	12/12/2014 11:32
prop_surf_top_ENT1041R.xml	13.6 KB	12/12/2014 11:32
prop_surf_top_ENT1052L.xml	37.0 KB	12/12/2014 11:32
prop_surf_top_ENT1052R.xml	30.9 KB	12/12/2014 11:32
prop_surf_top_ENT1060L.xml	26.2 KB	12/12/2014 11:33
prop_surf_top_ENT1060R.xml	14.8 KB	12/12/2014 11:33
prop_surf_top_ENT1065R.xml	76.2 KB	12/12/2014 11:33
prop_surf_top_ENT10681.xml	214.3 KB	12/12/2014 11:33
prop_surf_top_ENT1083R.xml	17.2 KB	12/12/2014 11:33
prop_surf_top_ENT21666R.xml	33.5 KB	12/12/2014 11:33
prop_surf_top_ENT21674L.xml	94.6 KB	12/12/2014 11:33
prop_surf_top_ENT21684L.xml	10.2 KB	12/12/2014 11:33
prop_surf_top_ENT21684R.xml	12.2 KB	12/12/2014 11:33
prop_surf_top_ENT22727L.xml	9.9 KB	12/12/2014 11:33
prop_surf_top_ENT24840R.xml	18.1 KB	12/12/2014 11:33
prop_surf_top_ENT25890L.xml	20.5 KB	12/12/2014 11:33
prop_surf_top_ENT26949L.xml	16.0 KB	12/12/2014 11:33
prop_surf_top_ENT26949R.xml	7.9 KB	12/12/2014 11:33
prop_surf_top_ENT26998R.xml	21.6 KB	12/12/2014 11:33
prop_surf_top_ENT27002L.xml	10.1 KB	12/12/2014 11:33
prop_surf_top_ML196A.xml	10.3 MB	12/12/2014 11:33
prop_surf_top_ML196BC.xml	38.6 MB	12/12/2014 11:33
prop_surf_top_ML196D.xml	1.7 MB	12/12/2014 11:33
prop_surf_top_SR270E.xml	334.8 KB	12/12/2014 11:33
prop_surf_top_SR270W.xml	330.7 KB	12/12/2014 11:33
prop_surf_top_SR280E.xml	172.2 KB	12/12/2014 11:33

Name	Size	Date
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prop_surf_top_SR290E.xml	332.2 KB	12/12/2014 11:34
prop_surf_top_SR290W.xml	459.5 KB	12/12/2014 11:34
prop_surf_top_SR300E.xml	627.0 KB	12/12/2014 11:34
prop_surf_top_SR300W.xml	635.4 KB	12/12/2014 11:34
prop_surf_top_SR310E.xml	458.9 KB	12/12/2014 11:34
prop_surf_top_SR310W.xml	284.7 KB	12/12/2014 11:34
prop_surf_top_SR320E.xml	256.3 KB	12/12/2014 11:34
prop_surf_top_SR320W.xml	273.5 KB	12/12/2014 11:34
prop_surf_top_SR330.xml	992.3 KB	12/12/2014 11:34
prop_surf_top_SRBE.xml	1.1 MB	12/12/2014 11:34
prop_surf_top_SRBW.xml	860.4 KB	12/12/2014 11:34
prop_surf_top_SRIA175.xml	39.6 MB	12/12/2014 11:34
prop_surf_top_SRUS071.xml	448.5 KB	12/12/2014 11:34
\81-1961-021_E_Files_(DataFiles)\DXF_Files		
Detours.dxf	26.2 MB	12/12/2014 11:26
Entrances.dxf	6.5 MB	12/12/2014 11:26
ML196.dxf	150.8 MB	12/12/2014 11:26
Sideroads.dxf	49.4 MB	12/12/2014 11:27

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: December 19, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A02

Make the following change to the PROPOSAL SPECIAL PROVISIONS LIST and TEXT:

Replace the Special Provision SP-120279 SPECIAL PROVISIONS FOR CONFORMITY WITH COORDINATION OF THE CONTRACT DOCUMENTS with the Attached Special Provision SP-120279a SPECIAL PROVISIONS FOR CONFORMITY WITH COORDINATION OF THE CONTRACT DOCUMENTS



Iowa Department of Transportation

SPECIAL PROVISIONS FOR CONFORMITY WITH AND COORDINATION OF THE CONTRACT DOCUMENTS

Sac County
STPN-196-1(21)--2J-81

Effective Date
01/21/2015

THE STANDARD SPECIFICATIONS, SERIES 2012, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

120279a.01 DESCRIPTION.

- A. With the exception of small or irregular areas, Automated Machine Guidance according to Article 1105.17 will be required for the grading and paving on this project. Automated Machine Guidance for the paving will be the Contractor's option.
- B. Digital Contract Files.
 1. Digital Files contained within the 81-1691-021_E_Files_(DataFiles).zip file package listed below (files are listed in descending order of precedence):
 - a. LandXML Geometry file: hv_dsn_021.xml within the "Alignment_Data_Files" subfolder.
 - b. LandXML surface files: All LandXML files within the "Machine_Control_Surfaces" subfolder.
 - c. Three dimensional line string CADD files: All DXF files contained within the "DXF_Files" subfolder.
 2. See Appendix A for names, time stamps, and sizes of official files.
 3. The digital files are available for download at the following web site for the project listed above: <http://www.iowadot.gov/contracts/lettings.html>

120279a.02 STANDARD SPECIFICATION REVISIONS.

Make the following changes to the Standard Specifications:

1101.03, DEFINITION OF TERMS.

Add to the definition of Contract (Also Contract Documents):

- Digital contract files specified in the contract documents,

1105.04, A.

Replace the Article:

In case of a discrepancy between contents of the contract documents, the following items listed by descending order shall prevail:

1. Addendum
2. Proposal Form
3. Special Provision
4. Digital Contract Files.
- 4 5.Plans
- 5 6.Standard Bridge Plans, Standard Culvert Plans, and Standard Road Plans
- 6 7.Developmental Specifications
- 7 8.Supplemental Specifications
- 8 9.General Supplemental Specifications
- 9 10. Standard Specifications
- 40 11. Materials I.M.

1105.04, D.

Replace the Article:

The Contractor shall not take advantage of any apparent error, omission, or discrepancy in the contract documents. The Engineer will be permitted to make such correction in interpretation as may be deemed necessary for the fulfillment of the intent of the contract documents subject to compensation as provided in Articles 1109.03, 1109.04 and 1109.16. Written notice of changes in the contract documents will be given to the Contractor by the Engineer. Field adjustment of digital contract files, if necessary, will be completed by the Engineer.

Appendix A: Listing of Digital Files

Name	Size	Date
\81-1961-021_E_Files_(DataFiles)\Alignment_Data_Files		
hv_dsn_021.xml	275.4 KB	12/12/2014 11:17
\81-1961-021_E_Files_(DataFiles)\Machine_Control_Surfaces		
existing_surface_021.xml	21.7 MB	12/12/2014 11:27
existing_surface_Stage2.xml	129.3 MB	12/12/2014 11:27
prop_surf_subgrade_completeA.xml	58.4 MB	12/12/2014 11:28
prop_surf_subgrade_completeBC.xml	63.8 MB	12/12/2014 11:28
prop_surf_subgrade_completeD.xml	2.0 MB	12/12/2014 11:28
prop_surf_subgrade_DET1.xml	3.1 MB	12/12/2014 11:28
prop_surf_subgrade_DET2.xml	3.6 MB	12/12/2014 11:28
prop_surf_subgrade_ENT0683L.xml	208.1 KB	12/12/2014 11:28
prop_surf_subgrade_ENT0986R.xml	16.5 KB	12/12/2014 11:28
prop_surf_subgrade_ENT10681.xml	134.1 KB	12/12/2014 11:28
prop_surf_subgrade_ML196A.xml	5.6 MB	12/12/2014 11:28
prop_surf_subgrade_ML196BC.xml	20.6 MB	12/12/2014 11:28
prop_surf_subgrade_ML196D.xml	967.7 KB	12/12/2014 11:28
prop_surf_subgrade_SR280W.xml	257.7 KB	12/12/2014 11:28
prop_surf_subgrade_SR300E.xml	379.6 KB	12/12/2014 11:28
prop_surf_subgrade_SR300W.xml	385.9 KB	12/12/2014 11:28
prop_surf_subgrade_SRBE.xml	601.0 KB	12/12/2014 11:28
prop_surf_subgrade_SRBW.xml	496.0 KB	12/12/2014 11:28
prop_surf_subgrade_SRIA175.xml	29.3 MB	12/12/2014 11:29
prop_surf_topsoil_DET1.xml	4.2 MB	12/12/2014 11:29
prop_surf_topsoil_DET2.xml	4.8 MB	12/12/2014 11:29
prop_surf_topsoil_ENT0683L.xml	311.2 KB	12/12/2014 11:29
prop_surf_topsoil_ENT0683R.xml	262.6 KB	12/12/2014 11:29
prop_surf_topsoil_ML196A.xml	15.8 MB	12/12/2014 11:29
prop_surf_topsoil_ML196BC.xml	85.3 MB	12/12/2014 11:29
prop_surf_topsoil_ML196D.xml	3.9 MB	12/12/2014 11:29
prop_surf_topsoil_SR270E.xml	466.9 KB	12/12/2014 11:29
prop_surf_topsoil_SR270W.xml	558.5 KB	12/12/2014 11:29
prop_surf_topsoil_SR280E.xml	231.5 KB	12/12/2014 11:29
prop_surf_topsoil_SR280W.xml	369.9 KB	12/12/2014 11:30
prop_surf_topsoil_SR290E.xml	526.7 KB	12/12/2014 11:30
prop_surf_topsoil_SR290W.xml	618.6 KB	12/12/2014 11:30
prop_surf_topsoil_SR300E.xml	703.8 KB	12/12/2014 11:30
prop_surf_topsoil_SR300W.xml	587.5 KB	12/12/2014 11:30
prop_surf_topsoil_SR310E.xml	598.5 KB	12/12/2014 11:30
prop_surf_topsoil_SR310W.xml	342.9 KB	12/12/2014 11:30

Name	Size	Date
prop_surf_topsoil_SR320E.xml	389.7 KB	12/12/2014 11:30
prop_surf_topsoil_SR320W.xml	431.6 KB	12/12/2014 11:30
prop_surf_topsoil_SR330.xml	1.7 MB	12/12/2014 11:30
prop_surf_topsoil_SRBE.xml	598.0 KB	12/12/2014 11:30
prop_surf_topsoil_SRBW.xml	1.5 MB	12/12/2014 11:30
prop_surf_topsoil_SRIA175.xml	6.8 MB	12/12/2014 11:30
prop_surf_topsoil_SRUS071.xml	2.1 MB	12/12/2014 11:30
prop_surf_top_completeA.xml	81.3 MB	12/12/2014 11:31
prop_surf_top_completeBC.xml	47.5 MB	12/12/2014 11:31
prop_surf_top_completeD.xml	3.6 MB	12/12/2014 11:31
prop_surf_top_DET1.xml	5.4 MB	12/12/2014 11:31
prop_surf_top_DET2.xml	6.5 MB	12/12/2014 11:31
prop_surf_top_DIKE2729.xml	29.6 KB	12/12/2014 11:31
prop_surf_top_DIKE2731.xml	31.4 KB	12/12/2014 11:31
prop_surf_top_DW175.xml	70.6 KB	12/12/2014 11:31
prop_surf_top_ENT0650L.xml	14.1 KB	12/12/2014 11:31
prop_surf_top_ENT0683L.xml	369.6 KB	12/12/2014 11:31
prop_surf_top_ENT0683R.xml	207.5 KB	12/12/2014 11:31
prop_surf_top_ENT0703L.xml	30.0 KB	12/12/2014 11:31
prop_surf_top_ENT0703R.xml	39.5 KB	12/12/2014 11:31
prop_surf_top_ENT0706L.xml	81.9 KB	12/12/2014 11:31
prop_surf_top_ENT0713L.xml	61.1 KB	12/12/2014 11:31
prop_surf_top_ENT0717R.xml	38.3 KB	12/12/2014 11:32
prop_surf_top_ENT0732L.xml	32.3 KB	12/12/2014 11:32
prop_surf_top_ENT0738L.xml	25.3 KB	12/12/2014 11:32
prop_surf_top_ENT0738R.xml	28.8 KB	12/12/2014 11:32
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prop_surf_top_ENT0809R.xml	33.5 KB	12/12/2014 11:32
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\81-1961-021_E_Files_(DataFiles)\DXF_Files		
Detours.dxf	26.2 MB	12/12/2014 11:26
Entrances.dxf	6.5 MB	12/12/2014 11:26
ML196.dxf	150.8 MB	12/12/2014 11:26
Sideroads.dxf	49.4 MB	12/12/2014 11:27

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: December 26, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A03

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0400 2102-2624980 CONTRACTOR FURNISHED SELECT TREATMENT:

From: 79,881.700 CY

To: 80,889.600 CY

Change Proposal Line No. 0520 2111-8174100 GRANULAR SUBBASE:

From: 175,321.000 SY

To: 178,345.700 SY

Change Proposal Line No. 0600 2301-1003095 STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9.5 IN.:

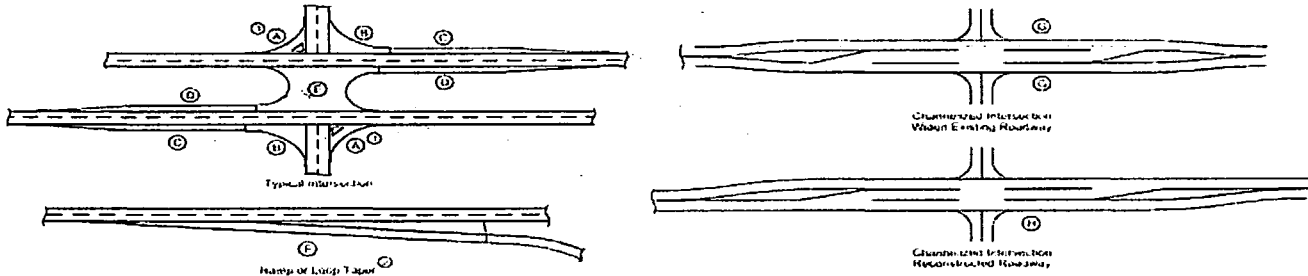
From: 145,593.200 SY

To: 148,617.900 SY

Make the following change to the PLAN: STPN-196-1(021)--2J-81

REPLACE SHEET NUMBER C.16 WITH THE ATTACHED SHEET NUMBER C.16

PCC PAVEMENT



- ① Does not include raised island area or curb, refer to tabulation 112.4 for quantities if applicable.
- ② Refer to PV-410, PV-411, PV-412, and PV-414.
- ③ Quantity includes Pavement Hoop.

Page 2 of 2

Road Identification	Location (Direction of Travel)	Station to Station	Mainline			Area (1)								Total Area by Pavement Thickness		Contractor Furnished Select Treatment	Special Backfill	Granular Subbase	Remarks								
			Width	Length	Area	A	B	C	D	E	F	G	H	CV	CY												
			ft	ft	SY	SY	SY	SY	SY	SY	SY	SY	SY	SY	SY												
DIVISION 1:																											
IA 196	NB	662+00.00	667+55.37	28.0	555.4	1727.8																					
	NB	667+55.37	687+34.63	28.0	1979.3	6257.7								2417.2	8574.9												
	NB	687+34.63	719+46.50	28.0	3211.9	9992.5									9992.5												
	Raccoon River Bridge & Approaches																										
	NB	723+57.50	1067+08.85	28.0	3435.4	106870.9									106870.9												
	NB	1067+08.85	1069+97.10	28.0	288.1	896.8								55.5	952.3												
	Cedar Creek Bridge & Approaches																										
	NB	1074+04.10	1088+40.00	28.0	1435.9	4467.2									2064.5	6531.7											
	SB	Intersection at IA 175																	178.2	442.6	270.9						
	SB	Intersection at 308th St.																	197.6	167.3							
	SB	Intersection at 308th St.																	205.0	161.6							
	SB	Intersection at 288th St.																	785.2	168.2							
	SB	Intersection at Co. Rd. D36																	182.4	449.7	295.6						
	SB	Intersection at Co. Rd. D36																	182.2	456.1	294.9						
IA 175																											
	EB	1663+00.00	1676+71.51	30.0	1371.5	4571.8										4571.8											
	EB	300th St./Co. Rd. D46																	880.6								
	EB	300th St./Co. Rd. D46																	991.4								
	EB	280th St./Co. Rd. D42																	470.3								
	EB	255th St./Co. Rd. D16																	1174.7								
	EB	255th St./Co. Rd. D36																	1054.0								
	EB	Detour 1																		4984.0							
	SB	Detour 2																		5180.6							
	Division 1 Total:																	148244.6	10364.6	62619.0	1288.3	177879.0					
DIVISION 2:																											
	EB	280th St./Co. Rd. D42																	373.3								
	Division 2 Total:																	373.3									

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 6, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A04

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0170 2507-6800061 REVETMENT, CLASS E
From: 675.000 TON
To: 805.000 TON

Change Proposal Line No. 0390 2102-0425071 SPECIAL BACKFILL
From: 16,774.100 CY
To: 18,110.800 CY

Change Proposal Line No. 0590 2301-0690200 BRIDGE APPROACH, RK-20
From: 1,286.000 SY
To: 1,192.800 SY

Change Proposal Line No. 0620 2304-0100000 DETOUR PAVEMENT
From: 10,364.600 SY
To: 12,844.300 SY

Make the following change to the PLAN: BRFN-196-1(14)--39-81

Add the following reference note to THE ESTIMATE REFERENCE INFORMATION ON SHEET NUMBER 2:

2401-6745625 REMOVAL OF EXISTING BRIDGE:

“INCLUDES THE REMOVAL OF THE EXISTING ORIGINAL ABUTMENTS FROM THE 85’ X 16’ PONY TRUSS BRIDGE.”

REPLACE SHEET NUMBER 5 with the attached SHEET NUMBER 5A.

Make the following change to the PLAN: STPN-196-1(21)--2J-81

REPLACE SHEET NUMBER C.16 with the attached SHEET NUMBER C.16

1210	€ S. ABUT. BRG. (MOVABLE) GR. ELEV. = 1206.73	€ PIER #1 (EXP.) GR. ELEV. = 1208.32	€ PIER #2 (FIXED) GR. ELEV. = 1211.88	€ N. ABUT. BRG. (MOVABLE) GR. ELEV. = 1213.60	1210	BENCH MARK NO. 644 - STA 1070+70.72, 19.98' LT, FD. SQUARE SW WING OF BRIDGE - ELEV.=1196.00 Sta. 1072+05.2 241.2' X 26' Cont. I-Beam Bridge D.A. = 339 Sq. Ft. R-F DES. #148
1200					1200	REMOVE PIERS AND ABUTMENTS TO BE REMOVED TO 1'-0" (MIN.) BELOW FINISHED GROUND ELEVATIONS. DES. UNKNOWN ORIGINAL ABUTMENTS U.A.C.
1190	BOTT. FTG. ELEV. = 1197.03				1190	PI STA 1065+00.00 VC = 600' PI ELEV 1191.98
1180	BOTT. PREBORED HOLE ELEV. = 1187.03 TOP OF BERM ELEV. = 1199.03				1180	
1170	70'-HP10x57 STEEL BEARING PILING				1170	
1160					1160	
1150					1150	

LONGITUDINAL SECTION ALONG € APPROACH ROADWAY

TRAFFIC ESTIMATE

TOP OF BRIDGE DECK AT € APPROACH ROADWAY IS 0.03' BELOW THE PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN. SEE DETAIL 1 ON DESIGN SHEET NO. 13.

267'-0" FACE TO FACE OF PAVING NOTCHES
 264'-0" €-€ ABUTMENT BEARINGS
 137'-0" € PIER #1 - € PIER #2
 61'-0" € S. ABUT. BRG. - € PIER #1
 66'-0" € PIER #2 - € N. ABUT. BRG.

A.A.D.T. = 1400 VPD (2014)
 A.A.D.T. = 2800 VPD (2034)
 19% TRUCKS



RIPRAP WEDGE TYPICAL

ERODED AREAS/HOLES TO BE FILLED IN WITH ROCK

RIPRAP NOTES-
 PLACE CLASS E RIPRAP WEDGE SLOPED AT 1.5%. MAINTAIN TOE AT 0° SKEW THROUGH BRIDGE. TOP OF WEDGE TO MATCH NATURAL GROUND.

ESTIMATED QUANTITIES-
 REVETMENT, CLASS E RIPRAP 805 T

MINIMAL BERM SHAPING - NO BSLT NEEDED.

HYDRAULIC DATA

DRAINAGE AREA = 339 MI²
 STREAM SLOPE = 2.98 FT./MI.

Q₂₅ = 1544 CFS
 STAGE = 1174.04
 CHANNEL VELOCITY = 3.36 FT/SEC

Q₅₀ = 5957 CFS
 NATURAL STAGE = 1180.95
 BACKWATER = 1181.21
 AVG. BRIDGE VELOCITY = 5.45 FT/SEC

Q₁₀₀ = 6949 CFS
 NATURAL STAGE = 1181.40
 BACKWATER = 1181.70
 AVG. BRIDGE VELOCITY = 6.12 FT/SEC
 CALCULATED DESIGN SCOUR = 1160.6

Q₃₀₀ = 9395 CFS
 NATURAL STAGE = 1182.17
 AVG. BRIDGE VELOCITY = 7.77 FT/SEC
 CALCULATED CHECK SCOUR = 1160.5

LOCATION

IA 196 OVER CEDAR CREEK
 T 88 N R 35 W
 SECTION 19/20
 CEDAR TOWNSHIP
 SAC COUNTY
 BRIDGE MAINT. NO. 8107.6S196
 FHWA NO. 046751
 LATITUDE 42.419343
 LONGITUDE -94.954814

DESIGN FOR 0° SKEW

264'-0" x 60' PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE

61'-0" & 66'-0" END SPANS 137'-0" INTERIOR SPAN

SITUATION PLAN

STATION: 1072+00.60 € IA 196 APRIL, 2014

SAC COUNTY

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 4A OF 32 FILE NO. 30534 DESIGN NO. 113

Page 2 of 2

STA 1070+00

STA 1071+00

STA 1072+00

STA 1073+00

STA 1074+00

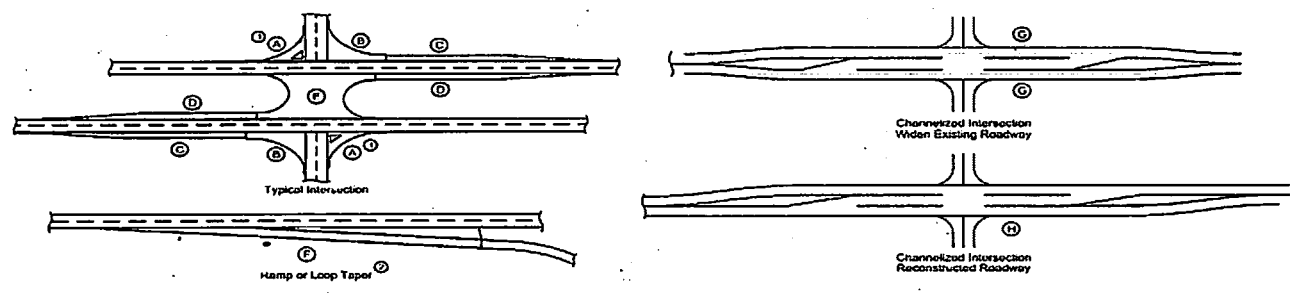
DESIGN TEAM RDM/DAN/WDT

SAC COUNTY

PROJECT NUMBER BRFN-196-1(14)-39-81

SHEET NUMBER 5A

PCC PAVEMENT



- ① Does not include raised island area or curb. Refer to tabulation 112-4 for quantities if applicable.
- ② Refer to PV-410, PV-411, PV-412, and PV-414.
- ③ Quantity includes Pavement Header.

Road Identification	Location Direction of Travel	Station to Station	Mainline		Area (sq)								Total Area By Pavement Thickness SY	Contractor Furnished Select Treatment CY	Special Backfill CY	Granular Subbase SY	Remarks	
			Width	Length	A	B	C	D	E	F	G	H						
			FT	FT	SY	SY	SY	SY	SY	SY	SY	SY						
DIVISION 1:																		
IA 156	MB	662+00.00	667+55.37	28.0	555.4	1727.8												
	MB	667+55.37	687+34.63	28.0	1979.3	6157.7								2417.2	8574.9	3444.8	2893.3	
	MB	687+34.63	739+46.59	28.0	3213.9	9592.5									9992.5	4282.5	12133.0	
	B Approaches																	
	MB	723+57.50	1067+08.85	28.0	34351.4	106878.9									186878.9	45821.8	129771.8	
	MD	1067+08.85	1069+97.10	28.0	288.3	896.8								55.5	952.3	402.9	1144.5	
	B Approaches																	
	MB	157+04.10	1803+40.00	28.0	1435.9	4467.2								2864.5	6531.7	2602.7	7489.1	
	SD	Intersection at IA 175					378.2	442.0	279.9						1891.1	363.7	1891.1	
	MD	Intersection at 300th St.					197.6	157.3							364.9	121.7	364.9	
	SD	Intersection at 300th St.					285.0	151.6							366.6	122.2	366.6	
	SD	Intersection at 280th St.					285.2	158.2							373.4	124.5	373.4	
	MD	Intersection at Co. Rd. D36					302.4	419.7	295.6						1127.7	375.9	1127.7	
	SD	Intersection at Co. Rd. D36					382.2	450.3	294.9						1127.4	375.8	1127.4	
IA 175	ED	1663+00.00	1676+71.53	30.0	1373.5	4571.8									4571.8	1828.8	5383.4	Includes Safety Edge
300th St./Co. Rd. D46	CD	4832+50.00	4835+89.23	24.0	330.2	880.6									880.6	381.4	1100.8	
300th St./Co. Rd. D46	EB	4835+89.23	4839+89.00	24.0	371.8	931.4									931.4	440.7	1239.3	
280th St./Co. Rd. D42	EB	6945+40.00	6947+16.37	24.0	176.4	470.3									470.3	209.1	587.9	
255th St./Co. Rd. D36	ED	86+50.00	90+90.51	24.0	440.5	1174.7									1174.7	522.1	1468.4	
255th St./Co. Rd. D36	ED	91+34.51	95+30.00	24.0	395.5	1054.6									1054.6	468.8	1316.3	
Detour 1	EB	1506+47.94	1527+90.94	34.0	2343.0	6347.4									6347.4	1263.0		
Detour 2	SD	2531+92.88	2554+31.30	34.0	2238.4	6736.9									6736.9	1377.0		
Division 1 Total:												140244.6	12884.3	62619.9	2635.0	177879.0		
DIVISION 2:																		
280th St./Co. Rd. D42	ED	6944+00.00	6945+40.00	24.0	140.0	373.3									373.3	166.0	466.7	
Division 2 Total:												373.3	166.0	466.7				

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A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 7, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A05

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 0685 2416-0100018 APRONS, CONCRETE, 18 IN. DIA., EACH 1

Change Proposal Line No. 0700 2416-0100030 APRONS, CONCRETE, 30 IN. DIA.

From: 11.000 EACH

To: 12.000 EACH

Change Proposal Line No. 0710 2416-0100036 APRONS, CONCRETE, 36 IN. DIA.

From: 10.000 EACH

To: 11.000 EACH

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

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 8, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A06

Make the following change to the PLAN: STPN-196-1(21)--2J-81

REPLACE TAB 110-1 on SHEET NUMBER C.9 with the attached TAB-110-1

REMOVAL OF PAVEMENT

Refer to Tabulation 102-5

Not a Bid Item

Begin Station	End Station	Side	Pavement Type	Area	Saw Cut*	Remarks
				SY	LF	

DIVISION 1:

Mainline Iowa 196

666+06.00	720+57.50	Both	HMA	14537.3	24.0	
722+20.10	1070+84.60	Both	HMA	92972.0	0.0	
1073+27.20	1078+82.70	Both	HMA	1481.3	300.0	
1079+22.50	1088+40.00	Both	HMA	2446.7	769.0	

Sideroads

Iowa 175

1665+89.80	1676+79.80	Both	HMA/PCC	2906.7	24.0	
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300th Street/Co. Rd. D46

4832+50.00	4835+79.00	Both	PCC	804.2	22.0	
4836+03.00	4839+80.00	Both	PCC	921.6	22.0	

280th Street/Co. Rd. D42

6945+40.00	6947+17.00	Both	PCC	432.7	22.0	
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255th Street/Co. Rd. D36

86+25.00	95+30.00	Both	HMA/PCC	2413.3	48.0	
U.S. 71						
518+42.50	542+37.00	Both	HMA/PCC	4263.4	48.0	

Detour Runarounds

Detour 1

1506+47.94	1527+90.94	Both	Detour	4983.9	227.0	
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Detour 2

2531+92.88	2554+31.30	Both	Detour	5380.5	237.0	
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Division 1 Total:

133543.6 1743.0

DIVISION 2:

Sideroad

280th Street/Co. Rd. D42

6944+00.00	6945+40.00	Both	PCC	1088.8	220.0	
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Division 2 Total:

1088.8 220.0

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 13, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A07

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 1320 2528-8445113 FLAGGERS
From: 500.000 EACH
To: 100.000 EACH

Change Proposal Line No. 1330 2528-8445115 PILOT CARS
From: 125.000 EACH
To: 20.000 EACH

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

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 14, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A08

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 1720 2317-7000110 PAYMENT ADJUSTMENT
INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)
From: 110.000 EACH:
To: 110,000.000 EACH

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

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 14, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A09

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Add Proposal Line No. 1405 2599-9999001 MULCH ('ACRES' ITEM) MULCH
(PREPARATION AND APPLICATION ONLY), ACRE 245.000

Delete Proposal Line No. 1440 2601-2634100 MULCHING, ACRE 245.000

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

Make the following change to the PLAN:

STPN-196-1(21)--2J-81

SHEET C.04:

Add the following reference note to THE ESTIMATE REFERENCE INFORMATION FOR
ITEM: 2599-9999001 ('ACRES' ITEM) MULCH (PREPARATION AND APPLICATION
ONLY)

All certified weed free cereal straw or native grass straw will be supplied the Contracting
Authority.

Contact the contracting authority 48 hours before mulching and the straw will be delivered to the
project site.

Mulch per Article 2601.03, E. Anchor mulch into the soil using mulch anchoring equipment with
a minimum of two passes.

Mulch Rate: 1 1/2 tons of dry cereal straw or native grass straw per acre

Method of Measurement

Engineer will compute in acres to the nearest 0.1 acre the surface areas that are mulched per
Article 2601.03, E.

Basis of Payment

Contract unit price per acre to the nearest 0.1 acres for the areas that are mulched per Article
2601.03, E. Payment is full compensation for preparing the area and applying the mulch.

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: January 21, 2015
Date of Addendum: January 14, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A10

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0530 2112-0000100 WICK DRAIN
From: 2,441.000 LF
To: 32,343.000 LF

Add Proposal Line No. 1055 2502-8212204 SUBDRAIN, PERFORATED PLASTIC PIPE, 4
IN. DIA., LF 2,441.000

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

A d d e n d u m

Iowa Department of Transportation
Office of Contracts Date

Date of Letting: January 21, 2015
of Addendum January 15, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
108	81-1961-021	PCC PAVEMENT - GRADE AND REPLACE	SAC	BRFN-196-1(14)--39-81 BRFN-196-1(15)--39-81 STPN-196-1(21)--2J-81 STPN-196-1(24)--2J-81	21JAN108.A11

Make the following change to the PLAN: STPN-196-1(021)--2J-81

REPLACE THE TAB 110-2 ON SHEET NUMBER C.21 WITH THE ATTACHED TAB 110-2

REMOVAL OF EXISTING STRUCTURES

Location	Description	Remarks
Mainline		
Sta. 695+81	5' x 5' x 49.1' RCB	
Sta. 771+58	4' x 3' x 49.1' RCB with 48" Conc. Pipes	
Sta. 821+75	6' x 4' x 37.98' RCB	
Sta. 916+17	5' x 4' x 50' RCB	
Sta. 1050+50	5' x 5' x 124' RCB	
Sta. 1064+99	4' x 3' x 39.8' RCB	
Sideroads		
255th Street/ Co. Rd. D36		
Sta. 86+49.2	4' x 5.5' RCB Stockpass	
Sta. 87+48.6	2' x 2' RCB	
Detour Runaround		
Detour 2		
Sta. 2548+65.50	3' x 4' RCB inlet headwall & parapet	