

CONTRACT

FA96 (Form 650019)
05-13

Letting Date: January 21, 2015 Contract ID: 85-0695-105 Bid Order No.: 165
County: STORY Project Engineer: JEFFERSON RCE
Cost Center: 611000 Object Code: 890 DBE Commitment \$0.00
Contract Work Type: HMA RESURFACING WITH MILLING

This agreement made and entered by and between the IOWA DEPARTMENT OF TRANSPORTATION,
CONTRACTING AUTHORITY, AND
MANATT'S, INC. OF BROOKLYN, IA, (MA225), 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

PROJECT: STPN-069-5(105)--2J-85 COUNTY: STORY
WORK TYPE: HMA RESURFACING WITH MILLING ACCOUNTING ID: 32202
ROUTE: U.S. 69 LENGTH (MILES): 7.52
LOCATION: FROM JUST S. OF IA. 210 N. TO THE SCL OF AMES
(INCLUDES WORK IN THE CITY OF HUXLEY)
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$5,440,896.40

PROJECT: STPN-069-5(107)--2J-85 COUNTY: STORY
WORK TYPE: PCC PAVMNT WIDE/HMA RESURFACNG ACCOUNTING ID: 32203
ROUTE: U.S. 69 LENGTH (MILES): 0
LOCATION: IN HUXLEY FROM APPROX 200' N OF OAK BLVD
NORTH APPROX 0.2 MI
NON-FEDERAL AID - PREDETERMINED WAGES ARE NOT IN EFFECT
PROJECT AMOUNT: \$488,836.11

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-12040, GS-12005, SS-12013, ADDENDUMS: 21JAN165.A01, 21JAN165.A02, 21JAN165.A03, 21JAN165.A04

Contractor, for and in considerations of \$5,929,732.51 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 Michael Butler Contract Adm.,
Contractor

By Wm W. Musgrave
Contracting Authority

Contractor (if joint venture)
FEB 16 2015
Contract Award Date

Iowa DOT Concurrence

For Local Agency Contracts

Concurrence Date

01/16/2015 10:01:00 AM

Letting Date: January 21, 2015 Contract ID: 85-0695-105

Bid Order No. : 165

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 05/04/2015 75 WORKING DAYS	\$2,000.00
01	NO START DATE SPECIFIED 10 WORKING DAYS SEE SITE NUMBER 01 BELOW.	\$13,000.00
02	NO START DATE SPECIFIED 55 WORKING DAYS SEE SITE NUMBER 02 BELOW.	\$7,000.00

CONTRACT NOTES

WORK RESTRICTIONS/SITE INFORMATION FOR
STPN-69-5(105)--2J-85:

SITE 01 IS TO COMPLETE THE WORK PER STAGE 1 ON SHEET J.01
AND REOPEN U.S. 69 TO TRAFFIC.

SITE 02 IS TO COMPLETE THE WORK PER STAGE 2 ON SHEET J.01
AND REOPEN U.S. 69 TO TRAFFIC.

STAGE 2 CANNOT BEGIN UNTIL STAGE 1 IS COMPLETED.

CONTRACT SCHEDULE OF PRICES

Vendor No.: MA225 Bid Order No.: 165
 Contract ID No.: 85-0695-105 Letting Date: January 21, 2015
 Primary Work Type: HMA RESURFACING WITH MILLING 10:00 A.M.
 Primary County: STORY

Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
SECTION 0001 ROADWAY ITEMS STPN-69-5(105)--2J-85						
0010	2101-0850001 CLEARING AND GRUBBING	6.800 ACRE	5,588.00000		37,998.40	
0020	2102-2625000 EMBANKMENT-IN-PLACE	1,099.000 CY	6.50000		7,143.50	
0030	2102-2712015 EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	1.000 CY	50.00000		50.00	
0040	2102-2713070 EXCAVATION, CLASS 13, ROADWAY AND BORROW	4,705.000 CY	16.50000		77,632.50	
0050	2105-8425005 TOPSOIL, FURNISH AND SPREAD	158.000 CY	45.00000		7,110.00	
0060	2105-8425015 TOPSOIL, STRIP, SALVAGE AND SPREAD	462.000 CY	6.00000		2,772.00	
0070	2121-7425020 GRANULAR SHOULDERS, TYPE B	2,856.000 TON	25.75000		73,542.00	
0080	2210-0475105 CHOKE STONE BASE	13,957.000 TON	14.00000		195,398.00	
0090	2212-0475095 CLEANING AND PREPARATION OF BASE	7.500 MILE	400.00000		3,000.00	
0100	2212-5070310 PATCHES, FULL-DEPTH REPAIR	820.000 SY	57.00000		46,740.00	
0110	2212-5070330 PATCHES BY COUNT (REPAIR)	24.000 EACH	44.00000		1,056.00	

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0120	2214-5145160 PAVEMENT SCARIFICATION	32,277.000 TON	9.00000		290,493.00	
0130	2217-1000000 RUBBLIZED PAVEMENT	70,422.000 SY	1.10000		77,464.20	
0140	2303-0031500 HOT MIX ASPHALT MIXTURE (1,000, 000 ESAL), BASE COURSE, 1/2 IN. MIX	21,905.000 TON	30.50000		668,102.50	
0150	2303-0041500 HOT MIX ASPHALT MIXTURE (3,000, 000 ESAL), BASE COURSE, 1/2 IN. MIX	18,744.000 TON	31.65000		593,247.60	
0160	2303-0042500 HOT MIX ASPHALT MIXTURE (3,000, 000 ESAL), INTERMEDIATE COURSE, 1/2 IN. MIX	9,517.000 TON	32.80000		312,157.60	
0170	2303-0043503 HOT MIX ASPHALT MIXTURE (3,000, 000 ESAL), SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	9,343.000 TON	35.10000		327,939.30	
0180	2303-0245828 ASPHALT BINDER, PG 58-28	3,571.000 TON	515.00000		1,839,065.00	
0190	2303-6911000 HOT MIX ASPHALT PAVEMENT SAMPLES	LUMP	LUMP		7,750.00	
0200	2315-8275055 SURFACING, DRIVEWAY	400.000 TON	25.75000		10,300.00	
0210	2401-6745650 REMOVAL OF EXISTING STRUCTURES	LUMP	LUMP		5,400.00	

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			Dollars	Cts	Dollars	Cts
0220	2402-0425040 FLOODED BACKFILL	889.100 CY	35.00000		31,118.50	
0230	2402-2720100 EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	1,965.000 CY	8.75000		17,193.75	
0240	2416-0100042 APRONS, CONCRETE, 42 IN. DIA.	1.000 EACH	1,700.00000		1,700.00	
0250	2416-0100072 APRONS, CONCRETE, 72 IN. DIA.	2.000 EACH	3,600.00000		7,200.00	
0260	2416-0100084 APRONS, CONCRETE, 84 IN. DIA.	2.000 EACH	5,000.00000		10,000.00	
0270	2416-0102272 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 72 IN.	2.000 EACH	3,800.00000		7,600.00	
0280	2416-1180072 CULVERT, CONCRETE ROADWAY PIPE, 72 IN. DIA.	88.000 LF	300.00000		26,400.00	
0290	2416-1180084 CULVERT, CONCRETE ROADWAY PIPE, 84 IN. DIA.	90.000 LF	430.00000		38,700.00	
0300	2416-1200248 CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 48 IN.	132.000 LF	190.00000		25,080.00	
0310	2416-1200272 CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 72 IN.	120.000 LF	365.00000		43,800.00	

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			Dollars	Cts	Dollars	Cts
0320	2416-1541136 REMOVE AND REINSTALL RIGID PIPE CULVERT GREATER THAN 36 IN.	12.000 LF	125.00000		1,500.00	
0330	2505-4008120 REMOVAL OF STEEL BEAM GUARDRAIL	1,133.000 LF	3.00000		3,399.00	
0340	2505-6000111 HIGH TENSION CABLE GUARDRAIL	1,700.000 LF	12.00000		20,400.00	
0350	2505-6000121 HIGH TENSION CABLE GUARDRAIL, END ANCHOR	6.000 EACH	2,200.00000		13,200.00	
0360	2506-4984000 FLOWABLE MORTAR	62.600 CY	95.00000		5,947.00	
0370	2507-3250005 ENGINEERING FABRIC	265.000 SY	4.00000		1,060.00	
0380	2507-6800061 REVETMENT, CLASS E	135.000 TON	49.00000		6,615.00	
0390	2511-6745900 REMOVAL OF SIDEWALK	74.100 SY	29.50000		2,185.95	
0400	2511-7526004 SIDEWALK, P.C. CONCRETE, 4 IN.	57.000 SY	62.50000		3,562.50	
0410	2511-7526006 SIDEWALK, P.C. CONCRETE, 6 IN.	74.000 SY	75.00000		5,550.00	
0420	2511-7528101 DETECTABLE WARNINGS	258.000 SF	20.00000		5,160.00	

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			Dollars	Cts	Dollars	Cts
0430	2512-1725206 CURB AND GUTTER, P.C. CONCRETE, 2. 0 FT.	 22.500 LF	65.00000		1,462.50	
0440	2518-6910000 SAFETY CLOSURE	 21.000 EACH	75.00000		1,575.00	
0450	2520-3350015 FIELD OFFICE	 1.000 EACH	4,500.00000		4,500.00	
0460	2525-0000200 LOOP DETECTORS (ADDITION OR REPLACEMENT TO AN EXISTING TRAFFIC SIGNAL SYSTEM)	 18.000 EACH	1,100.00000		19,800.00	
0470	2526-8285000 CONSTRUCTION SURVEY	 LUMP	LUMP		9,900.00	
0480	2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	 1,811.080 STA	8.80000		15,937.50	
0490	2527-9263137 PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	 2.000 EACH	100.00000		200.00	
0500	2528-8445110 TRAFFIC CONTROL	 LUMP	LUMP		20,200.00	
0510	2528-8445113 FLAGGERS	 100.000 EACH	345.00000		34,500.00	
0520	2528-8445115 PILOT CARS	 50.000 EACH	515.00000		25,750.00	

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			Dollars	Cts	Dollars	Cts
0530	2529-2242304 CD JOINT ASSEMBLY	2.000 EACH	100.00000		200.00	
0540	2529-5070110 PATCHES, FULL-DEPTH FINISH, BY AREA	263.700 SY	108.00000		28,479.60	
0550	2529-5070120 PATCHES, FULL-DEPTH FINISH, BY COUNT	16.000 EACH	27.00000		432.00	
0560	2529-8174010 SUBBASE (PATCHES)	820.000 SY	16.50000		13,530.00	
0570	2529-8174050 PATCH SUBDRAIN	16.000 EACH	300.00000		4,800.00	
0580	2529-8202000 RUMBLE STRIP PANEL (IN FULL DEPTH PATCH)	3.000 EACH	500.00000		1,500.00	
0590	2533-4980005 MOBILIZATION	LUMP	LUMP		142,500.00	
0600	2548-0000100 MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	620.000 STA	12.50000		7,750.00	
0610	2548-0000110 ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	1,279.000 GAL	5.00000		6,395.00	
0620	2548-0000310 MILLED CENTERLINE RUMBLE STRIPS, HMA SURFACE	319.000 STA	14.50000		4,625.50	
0630	2599-9999020 ('TONS' ITEM) CRUSHED CONCRETE	3,500.000 TON	9.00000		31,500.00	

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Line No	Item Number Item Description	Item Quantity and Unit	Unit Price		Bid Amount	
			Dollars	Cts	Dollars	Cts
0640	2602-0000020 SILT FENCE 	 2,585.000 LF	 2.00000		 5,170.00	
0650	2602-0010010 MOBILIZATIONS, EROSION CONTROL	 1.000 EACH	 500.00000		 500.00	
0660	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	 1.000 EACH	 1,000.00000		 1,000.00	
0661	2422-0360018 APRONS, UNCLASSIFIED, 18 IN. DIA.	 2.000 EACH	 820.00000		 1,640.00	
0662	2422-1722018 CULVERT, UNCLASSIFIED ENTRANCE PIPE, 18 IN. DIA.	 48.000 LF	 68.00000		 3,264.00	
SECTION 0002 DESIGN NO. 0616; 12' X 8' X 90'-0 PRECAST REINFORCED CONCRETE BOX CULVERT STPN-69-5(105)--2J-85.						
0670	2401-6745650 REMOVAL OF EXISTING STRUCTURES	 LUMP	 LUMP		 3,900.00	
0680	2402-0425030 GRANULAR BACKFILL	 36.000 CY	 42.00000		 1,512.00	
0690	2402-2720000 EXCAVATION, CLASS 20	 680.000 CY	 8.00000		 5,440.00	
0700	2415-2111208 PRECAST CONCRETE BOX CULVERT, 12 FT. X 8 FT.	 90.000 LF	 780.00000		 70,200.00	
0710	2415-2201208 PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 8 FT.	 2.000 EACH	 12,500.00000		 25,000.00	
SECTION 0003 PAYMENT ADJUSTMENT INCENTIVE ITEMS STPN-069-5(105)--2J-85						

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			Dollars	Cts	Dollars	Cts
0720	2303-7000610 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LABORATORY VOIDS (FORMULA - BY PAY FACTOR)	30,000.000 EACH	1.00000		30,000.00	
0730	2303-7000620 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS (FORMULA - BY PAY FACTOR)	30,000.000 EACH	1.00000		30,000.00	
0740	2317-7000120 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA PAVEMENT SMOOTHNESS (BY SCHEDULE)	26,000.000 EACH	1.00000		26,000.00	
SECTION 0004 ROADWAY ITEMS STPN-069-5(107)--2J-85						
0750	2102-0425070 SPECIAL BACKFILL	1,522.000 TON	27.75000		42,235.50	
0760	2102-2710070 EXCAVATION, CLASS 10, ROADWAY AND BORROW	3,040.000 CY	15.50000		47,120.00	
0770	2105-8425015 TOPSOIL, STRIP, SALVAGE AND SPREAD	941.000 CY	8.50000		7,998.50	
0780	2115-0100000 MODIFIED SUBBASE	859.000 CY	55.50000		47,674.50	
0790	2122-5500060 PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	1,530.000 SY	19.00000		29,070.00	

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			Dollars	Cts	Dollars	Cts
0800	2123-7450000 SHOULDER CONSTRUCTION, EARTH	27.500 STA	325.00000		8,937.50	
0810	2212-0475095 CLEANING AND PREPARATION OF BASE	0.300 MILE	1,666.67000		500.00	
0820	2213-8202080 BASE WIDENING, 8 IN. PORTLAND CEMENT CONCRETE	1,387.000 SY	52.50000		72,817.50	
0830	2301-1033080 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	224.000 SY	65.50000		14,672.00	
0840	2303-0042500 HOT MIX ASPHALT MIXTURE (3,000,000 ESAL), INTERMEDIATE COURSE, 1/2 IN. MIX	147.000 TON	32.80000		4,821.60	
0850	2303-0043503 HOT MIX ASPHALT MIXTURE (3,000,000 ESAL), SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	147.000 TON	35.10000		5,159.70	
0860	2303-0245828 ASPHALT BINDER, PG 58-28	17.700 TON	515.00000		9,115.50	
0870	2303-6911000 HOT MIX ASPHALT PAVEMENT SAMPLES	LUMP	LUMP		500.00	
0880	2303-9093010 HOT MIX ASPHALT, DRIVEWAY	206.800 SY	33.20000		6,865.76	
0890	2416-0100030 APRONS, CONCRETE, 30 IN. DIA.	1.000 EACH	1,400.00000		1,400.00	

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0900	2435-0251000 INTAKE, SW-510	1.000 EACH	5,500.00000		5,500.00	
0910	2435-0600010 MANHOLE ADJUSTMENT, MINOR	1.000 EACH	1,650.00000		1,650.00	
0920	2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	2,308.000 LF	21.80000		50,314.40	
0930	2502-8220193 SUBDRAIN OUTLET (RF-19C)	2.000 EACH	400.00000		800.00	
0940	2502-8220196 SUBDRAIN OUTLET, RF-19E	10.000 EACH	175.00000		1,750.00	
0950	2503-0200036 REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	63.000 LF	18.75000		1,181.25	
0960	2510-6745850 REMOVAL OF PAVEMENT	431.800 SY	9.00000		3,886.20	
0970	2510-6750600 REMOVAL OF INTAKES AND UTILITY ACCESSES	3.000 EACH	625.00000		1,875.00	
0980	2515-2475008 DRIVEWAY, P. C. CONCRETE, 8 IN.	150.500 SY	65.50000		9,857.75	
0990	2515-6745600 REMOVAL OF PAVED DRIVEWAY	463.600 SY	9.00000		4,172.40	
1000	2518-6910000 SAFETY CLOSURE	7.000 EACH	75.00000		525.00	

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1010	2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN	10.000 EACH	175.00000		1,750.00	
1020	2526-8285000 CONSTRUCTION SURVEY	LUMP	LUMP		4,400.00	
1030	2527-9263109 PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	54.040 STA	8.80000		475.55	
1040	2527-9263118 PAINTED PAVEMENT MARKINGS, TEMPORARY	110.000 STA	8.80000		968.00	
1050	2527-9263137 PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	4.000 EACH	100.00000		400.00	
1060	2527-9263180 PAVEMENT MARKINGS REMOVED	110.000 STA	25.00000		2,750.00	
1070	2528-8445110 TRAFFIC CONTROL	LUMP	LUMP		8,000.00	
1080	2528-8445113 FLAGGERS	30.000 EACH	345.00000		10,350.00	
1090	2528-8445115 PILOT CARS	15.000 EACH	515.00000		7,725.00	
1100	2533-4980005 MOBILIZATION	LUMP	LUMP		59,000.00	
1110	2601-2634150 MULCHING, WOOD CELLULOSE FIBER	0.600 ACRE	2,566.00000		1,539.60	

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1120	2601-2636044 SEEDING AND FERTILIZING (URBAN)	0.600 ACRE	1,796.50000		1,077.90	
1130	2602-0000312 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	2,500.000 LF	3.20000		8,000.00	
1140	2602-0000350 REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	2,500.000 LF	0.20000		500.00	
1150	2602-0010010 MOBILIZATIONS, EROSION CONTROL	1.000 EACH	500.00000		500.00	
1160	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	1.000 EACH	1,000.00000		1,000.00	
TOTAL BID						5,929,732.51

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 23, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
165	85-0695-105	HMA RESURFACING WITH MILLING	STORY	STPN-069-5(105)--2J-85 STPN-069-5(107)--2J-85	21JAN165.A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0540 2529-5070110 PATCHES, FULL-DEPTH FINISH, BY AREA:

From: 221.000 SY

To: 263.700 SY

Change Proposal Line No. 0550 2529-5070120 PATCHES, FULL-DEPTH FINISH, BY
COUNT:

From: 15.000 EACH

To: 16.000 EACH

Add Proposal Line No. 0661 2422-0360018 APRONS, UNCLASSIFIED, 18 IN. DIA.;
2.000 EACH

Add Proposal Line No. 0662 2422-1722018 CULVERT, UNCLASSIFIED ENTRANCE PIPE
18 IN. DIA.; 48.000 LF

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

Estimate Reference Information for the above 2 new bid items are as follows:

These items are for use at Station 253+77, left of centerline approximately 36 ft. to replace an existing, plugged, corrugated entrance culvert under the HMA paved, south entrance to parcel 1 (James Dooley). The contractor shall use the existing pipe flow lines and minor shaping at the new pipe inlet and outlet to ensure positive drainage.

One, 42.7 square yard, Full Depth HMA Finish Patch with approximate dimensions: 8 feet wide x 48 feet long x 6 inch thick, shall be used after the new entrance pipe is backfilled and compacted.

At this replacement entrance culvert location: the Full Depth Finish Patch by Area and Count will be measured and paid by those bid items, the minor shaping and seeding of contractor disturbed areas per note 232-3B on sheet C.4 shall be incidental to Culvert, Unclassified Entrance Pipe 18 in. Dia.

Replace current sheet C.4 with the one attached for project STPN-069-5(105)--2J-85

NOTE: On sheet C.4 Standard Note 281-1 was added and also in tab. 105-4, Standard Road Plan PR-140 was added.

STANDARD ROAD PLANS

105-4
18-18-11

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

Number	Date	Title
GA-351	04-20-10	High Tension Cable Guardrail
EC-201	04-20-10	Silt Fence
EC-204	10-16-12	Perimeter and Slope Sediment Control Devices
EW-101	04-19-11	Embankment and Rebuilding Embankments
EW-301	04-19-11	Guardrail Grading
EW-502	10-15-13	Safety Ramp
MI-220	10-16-12	Detectable Warnings and Pedestrian Ramp
PH-110	04-16-13	Line Types
PH-111	10-16-12	Symbols and Legends
PH-120	10-21-14	Stop Lines and Islands
PH-210	10-18-11	Separation in Two-Lane Roadway
PH-420	04-19-11	Two-Lane Roadway with no Turn Lanes (One-Way Stop Condition)
PH-520	04-19-11	Two-Lane Roadway with no Turn Lanes (Two-Way Stop Condition)
PH-521	04-19-11	Two-Lane Roadway with Right Turn Lanes
PH-522	10-16-12	Two-Lane Roadway with Left Turn Lanes
PH-550	04-19-11	Two-Lane Roadway with Two-Way Left Turn Lane
PR-102	10-21-14	Full Depth PCC Patch without Dowels
PR-103	10-21-14	Full Depth PCC Patch with Dowels
PR-140	10-21-14	Subbase Patches
PR-201	10-21-14	Runouts for Resurfacing
PR-202	10-21-14	Hatches for Resurfacing (with or without Runout)
PV-10	04-19-11	Rumble Strip Panel for Intersection Approach
PV-12	04-17-12	Hilled Shoulder Rumble Strips
PV-13	04-19-11	Hilled Centerline Rumble Strips
PV-202	04-16-13	Hot Mix Asphalt Resurfacing
PV-301	04-19-11	Superelevation Details Two Lane Roadway
RF-2	04-15-14	Construction of Type "C" Concrete Adaptors for Pipe Culvert Connections
RF-3	10-16-13	Concrete Aprons
RF-14	04-16-13	Connected Pipe Joints
RF-20A	04-15-14	Pipe Culvert (Bedding and Backfill)
RF-30C	04-16-13	Pipe Culvert (Installation Details)
RF-30D	10-21-14	Box Culvert (Backfill)
RF-31	03-28-95	Depth of Cover Tables for Concrete Pipe
RF-42	04-15-14	Low Clearance Concrete Pipe Aprons
SI-172	10-15-14	Delimitations
SI-173	04-20-10	Object Markers
SI-081	10-15-13	Special Signs for Workzones
TC-1	04-16-13	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	10-15-13	Shoulder Closure (One Lane)
TC-213	04-17-12	Lane Closure with Flaggers
TC-214	04-16-13	Lane Closure with Flaggers for use with Pilot Car
TC-232	10-21-14	Shoulder Rumble Strip Operations
TC-233	10-21-14	Pavement Marking Operations Two-Lane
TC-252	04-17-12	Routes Closed to Traffic
TC-282	04-19-11	Uneven Lanes
TC-601	10-18-11	Pedestrian Detour

290-01
04-15-14

SIDEWALK CONSTRAINTS

- Widths: Widths listed in the S sheets are minimums.
- Cross Slopes: Construct all sidewalks, curb ramps, and landings/turning spaces at a target cross slope of 1.5%. Cross slopes exceeding 2.0% will not be allowed, except for areas tying into existing pavement. In these areas, transition from existing pavement cross slope to a cross slope of less than 2.0% within one panel at a rate not to exceed 1.0% per foot.
- Longitudinal Slopes:
 - Sidewalk:
 - Roadway slope exceeds 5.0%: Sidewalk longitudinal slope exceeding the roadway slope by more than 2.0% will not be allowed.
 - Roadway slope 5.0% or less: Sidewalk longitudinal slope exceeding 5.0% will not be allowed.
 - Ramps:
 - Ramps 15.0' in length or less: Longitudinal slope exceeding 8.3% will not be allowed.
 - Ramps greater than 15.0' in length: Construct with the longitudinal slope necessary to conform to the design.
- Landing/Turning Spaces: Longitudinal slopes exceeding 2.0% will not be allowed.

290-02
10-15-13

SMALL QUANTITY CONCRETE TESTING

- Test air and slump once per 30 cy poured, or minimum of once per day.
- Verification gradations are not required.
- The Contractor has the option of using the following minimum opening times in lieu of flexural testing:
 - 48 hours for pedestrian traffic
 - 72 hours for curb and gutter or patching

232-3A
04-15-14

**EROSION CONTROL
(RURAL SEEDING)**

Following the completion of work in a disturbed area, place seed, fertilizer, and mulch on the disturbed area lying 8 feet adjacent to shoulder and median as follows:

Use seed mix and fertilizer meeting the requirements of Section 2601.03,C,3 of the Standard Specifications.

Use mulch meeting the requirements of Sections 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed and furnishing and applying seed, fertilizer, and mulch is incidental to mobilization and will not be paid for separately.

232-3B
04-15-14

**EROSION CONTROL
(URBAN SEEDING)**

Following the completion of work in a disturbed area, place seed, fertilizer, and mulch on the disturbed area as follows:

Use seed mix and fertilizer meeting the requirements of Section 2601.03,C,4 of the Standard Specifications.

Use mulch meeting the requirements of Sections 2601.03,E,2,b and 4169.07,A of the Standard Specifications.

Preparing the seedbed and furnishing and applying seed, fertilizer, and mulch is incidental to mobilization and will not be paid for separately.

232-3C
04-15-14

**EROSION CONTROL
(NATIVE GRASS SEEDING)**

Following the completion of work in a disturbed area, place seed and mulch on the disturbed area lying 8 feet or more beyond the shoulder as follows:

SEED MIX:

Big bluestem (<i>Andropogon gerardii</i>)	6 lbs. PLS/Acre (7.0 kg/ha)
Indiangrass (<i>Sorghastrum nutans</i>)	6 lbs. PLS/Acre (7.0 kg/ha)
Little bluestem (<i>Schizachyrium scoparium</i>)	6 lbs. PLS/Acre (7.0 kg/ha)
Partridge Pea (<i>Chamaecrista fasciculata</i>)	4 lbs. PLS/Acre (4.5 kg/ha)
Sideoats grama (<i>Bouteloua curtipendula</i>)	4 lbs. PLS/Acre (4.5 kg/ha)
Canada wildrye (<i>Elymus canadensis</i>)	2 lbs. PLS/Acre (2.2 kg/ha)
Switchgrass (<i>Panicum virgatum</i>)	1 lbs. PLS/Acre (1.1 kg/ha)
Oats (<i>Avena sativa</i>)	32 lbs./Acre (36.0 kg/ha)

Furnish Big bluestem, Indiangrass, Canada wildrye and Little bluestem that is debarbed or equal to facilitate the application of seed.

Use mulch meeting the requirements of Sections 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed and furnishing and applying seed and mulch is incidental to mobilization and will not be paid for separately.

232-9
Modified

THREATENED/ENDANGERED BATS

Cut down all trees included in Clearing and Grubbing after September 30 and before April 1. These trees may be inhabited by State and Federal listed threatened/endangered bat species. Removing a tree between April 1 and September 30 being used by a listed bat constitutes a "taking" of a protected species, which is punishable by law.

232-10
10-21-14

EMERALD ASH BORER

Dispose of all wood material generated as a result of clearing and/or grubbing according to the Iowa Department of Agriculture and Land Stewardship's Emerald Ash Borer (EAB) Quarantine Order. For more information refer to http://www.iowatrepests.com/eab_regulations.html.

232-11
04-15-14

**EROSION CONTROL
(STABILIZING CROP SEEDING)**

Following the completion of work in a disturbed area, place stabilizing crop, fertilizer, and mulch on the disturbed area as follows:

Use seed mix and fertilizer meeting the requirements of Section 2601.03,C,1 of the Standard Specifications.

Use mulch meeting the requirements of Sections 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed and furnishing and applying seed, fertilizer, and mulch is incidental to mobilization and will not be paid for separately.

262-6
10-18-05

UTILITIES

(NOT A POINT 25 PROJECT)

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

261-1
10-15-13

SECTION 404 PERMIT AND CONDITIONS

Construct this project according to the requirements of U.S. Army Corps of Engineers Nationwide #14, Permit No. 2014-1692. A copy of this permit is available from the Iowa DOT website (<http://dnvpermits.iowadot.gov/ONEPORTALENV/Home.aspx>). The U.S. Army Corps of Engineers reserves the right to visit the site without prior notice.

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
165	85-0695-105	HMA RESURFACING WITH MILLING	STORY	STPN-069-5(105)--2J-85 STPN-069-5(107)--2J-85	21JAN165.A02

Replace current sheet J.1 with the one attached for project STPN-069-5(105)--2J-85

NOTE: Changes made on sheet J.1 in Tab. 108-26A deleted the second paragraph...."No work will be allowed....." and fixed a typo at the end of the 3rd paragraph that said: ".....sta. 56+00 to sta. 9to traffic." to now read as : "....sta. 56+00 to sta. 97+50."

108-26A
08-01-08

STAGING NOTES

Milling with HMA resurfacing work on U.S. 69 from Sta. 56+00 (BOP) to sta. 56+00 and in Huxley from Sta. 97+50 north to 183+20 may be done at any time (except for dates prohibited in the Traffic Control Plan) provided traffic in those areas is maintained at all times.

STAGE 1:

Close U.S. 69 from just north of Iowa 210 (+/- sta. 56+00) to the end of proposed rubbelization at Campus Dr. (+/- sta. 97+50).
 Detour U.S. 69 traffic onto 1st street in Huxley west to Co. Rd. R3B (Slater) then south to Iowa 210 and then back east to U.S. 69.
 Perform milling, rubbelization, resurfacing and associated work on U.S. 69 from sta. 56+00 to sta. 97+50.

NOTE - U.S. 69 north of the north corp. limits of Huxley (Stage 2) (+/- sta. 183+20) will not be allowed closed until stage 1 work is done and re-opened to traffic.

STAGE 2:

Close U.S. 69 from near north corporate limits of Huxley (+/- sta. 183+20) north to the end of project (+/- sta. 459+00).
 Detour U.S. 69 traffic onto IA 210 east to I-35 then north to US 30 and then back west to U.S. 69.

See proposal notes for applicable staged detour site restrictions

108-23A
08-01-08

TRAFFIC CONTROL PLAN

- Traffic on US 69 will be detoured per the staging and proposal notes for this project.
 For the two detours used in Stages 1 & 2 the IA DOT will provide, place, maintain and remove all detour signing and will maintain the two roadways used for detours.
- Per current specification 1107.08 the contractor shall maintain access at all times for local traffic to properties adjacent to US 69.
- Traffic control on this project shall be in accordance with Standard Road Plans in tabulation 105-4 on sheet C.4.
- While US 69 is open to traffic (US 69 not detoured) work will be prohibited during days of special events for:
 - ISU Home Football Games in Ames (tentative dates 9/5/15 & 9/12/15 and others to be confirmed later by ISU).
 - Special Olympics (2014 held May 22-24 in Ames).
- The contractor will not be allowed to work the weekend of Huxley Prairie Fest; tentatively scheduled Aug. 28-30, 2015. The contractor shall confirm this events' dates and plan not to work those dates.

113-2
04-16-13

PEDESTRIAN PATH CLOSURES

Refer to TC-601.

*Assumes 6 foot wide barricade.
 Closures may need to be removed and re-established.

Location	Side	Type III Barricades*	Remarks
		No.	
E 3rd St at US 69		1	
E 3rd St at US 69		1	
E 4th St at US 69		1	
E 4th St at US 69		1	
E 4th St at US 69		1	
Centennial Dr at US 69		2	
Centennial Dr at US 69		2	
Centennial Dr at US 69		2	
Centennial Dr at US 69		2	
		13 Total	

111-01
04-17-12

COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

Project	Type of Work
STPN-69-4(100)- -23-77	PCC Overlay
STPN-69-5(104)- -23-85	Long. Subdrain

109-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FEMA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
No Travel Restrictions Expected												

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
165	85-0695-105	HMA RESURFACING WITH MILLING	STORY	STPN-069-5(105)--2J-85 STPN-069-5(107)--2J-85	21JAN165.A03

Make the following change to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0220 2402-0425040 FLOODED BACKFILL:
From: 870.000 CY
To: 889.100 CY

If the above change is not made, they will be made as shown here.

Project STPN-69-5(105)- -2J-85

Plan Sheet C.6 in tab. 104-4:

The quantity of Floodable Backfill should be changed from 22.6 to 42.0 Cu. Yds. Also, the Flooded Backfill should be changed from 25.5 to 44.9 Cu. Yds.

Project STPN-069-5(107)--2J-85

Plan Sheet C.1, Estimate Reference Information, Item No. 18, 2502-8212034;

Change: Sub drain, Longitudinal, (Shoulder) 6 In. Dia
To: Sub drain, Longitudinal, (Shoulder) 4 In. Dia

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 16, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
165	85-0695-105	HMA RESURFACING WITH MILLING	STORY	STPN-069-5(105)--2J-85 STPN-069-5(107)--2J-85	21JAN165.A04

Make the following change to STPN-069-5(105)--2J-85 plan :

Estimate Reference Information Tabulation on Sheet C.2:

Item note number 8 -- 2210-0475105 CHOKE STONE BASE

Add this sentence to the note. "The hot mix asphalt millings from this project may be used for the "Choke Stone Base" bid item at the Contractor's option."