

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: November 15, 2016
Date of Addendum: October 28, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
102	77-0187-633	PCC PAVEMENT - GRADE & REPLACE	POLK	STP-U-0187(633)--70-77	15NOV102A02

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0990 2599-9999020 ('TONS' ITEM) FLY ASH TREATMENT:
From: 1,875.000 TON
To: 188.000 TON

Change Proposal Line No. 1000 2601-2634105 MULCHING, BONDED FIBER MATRIX:
From: 27.130 ACRE
To: 13.82 ACRE

Change Proposal Line No. 1040 2601-2642120 STABILIZING CROP – SEEDING AND
FERTILIZING (URBAN):
From: 26.760 ACRE
To: 13.82 ACRE

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

Make the following change to the plan:

Replace sheet C.2 and C.16 with the attached.

On Sheet C.2, the revisions include:

- a.) Reduce quantity on item 100 - Fly Ash Treatment from 1875 Tons to 188 Tons.
- b.) Reduce quantity on item 101 - Mulching, Bonded Fiber Matrix from 27.19 Acres to 13.82 Acres.
- c.) Reduce quantity on item 105 - Stabilizing Crop - Seeding and Fertilizing (Urban) from 26.76 Acres to 13.39 Acres.

On Sheet C.16, the revision include:

- a.) modifying the Fly Ash quantity on table 103-3.

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

Division 1: Roadway Reconstruction (100% STP Funded)
Division 2: Water Main (100% Locally Funded)
Division 3: Storm Water Wetland & Settlement Basin (100% Locally Funded)

Item No.	Item Code	Item	Unit	Quantities												
				Estimated					As Built							
				Division 1	Division 2	Division 3	Division 4	Division 5	Total	Division 1	Division 2	Division 3	Division 4	Division 5		
81	2554-0212020	VALVE BOX EXTENSION	EACH			4					4					
82	2554-0214000	FIRE HYDRANT ADJUSTMENT	EACH			3					3					
83	2599-9999001	WETLAND GRASS SEEDING (SPECIAL MIX)	ACRE					0.87			0.87					
84	2599-9999005	TYPE 1 INLET FILTER	EACH		37						37					
85	2599-9999005	INLET PROTECTION DEVICE DROP IN, INSTALL	EACH		66						66					
86	2599-9999005	INLET PROTECTION DEVICE DROP IN, MAINTENANCE	EACH		264						264					
87	2599-9999005	SUBDRAIN CLEANOUT, TYPE A-1	EACH		5						5					
88	2599-9999005	SUBDRAIN CLEANOUT, TYPE B	EACH		2						2					
89	2599-9999005	TRACER WIRE STATION	EACH				10				10					
90	2599-9999005	REMOVE AND REINSTALL FIRE HYDRANT ASSEMBLY	EACH				2				2					
91	2599-9999005	REMOVE VALVE, GATE, DIP, 12 IN.	EACH				4				4					
92	2599-9999005	REMOVE AND REINSTALL GATE VALVE	EACH				3				3					
93	2599-9999005	WETLAND PLUGS	EACH					2500			2500					
94	2599-9999005	INSTALLATION OF OUTDOOR EDUCATION CENTER SIGN AND FOOTING	EACH					1			1					
95	2599-9999005	INTAKE, SW-506 MODIFIED, PLACEMENT ONLY	EACH		1						1					
96	2599-9999009	REMOVE WATER MAIN PIPE	LF				885				885					
97	2599-9999009	PLUG, FILL, AND ABANDON WATER MAIN	LF				507				507					
98	2599-9999010	TRAFFIC SIGNAL MODIFICATIONS	LS		1						1					
99	2599-9999018	CONCRETE SETTLEMENT BASIN, 7 IN. DEPTH PCC	SY					252			252					
100	2599-9999020	FLY ASH TREATMENT	TON		188						188					
101	2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	13.39				0.43			13.82					
102	2601-2634110	MULCHING, MECHANICALLY-BONDED FIBER MATRIX	ACRE					0.87			0.87					
103	2601-2636015	NATIVE GRASS SEEDING	ACRE					0.43			0.43					
104	2601-2636041	SEEDING AND FERTILIZING (SPECIAL SEED)	ACRE					0.87			0.87					
105	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	13.39							13.39					
106	2602-0000020	SILT FENCE	LF					3697			3697					
107	2602-0000030	SILT FENCE FOR DITCH CHECKS	LF					240			240					
108	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF					3937			3937					
109	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF					1128			1128					
110	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF					1128			1128					
111	2602-0010010	MOBILIZATION, EROSION CONTROL	EACH					30			30					
112	2602-0010020	MOBILIZATION, EMERGENCY EROSION CONTROL	EACH					10			10					

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2101-0850002	CLEARING AND GRUBBING Refer to Tab. 110-17 for locations and quantities. ----- Refer to D-Sheets for individual tree removal locations. ----- Contractor to contact Parcel 7 (Briarwood Golf Course) before beginning clearing and grubbing work.
2	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW Includes 19,582 cu. Yds. Of Class 10 cut, 19,055 cu. Yds. Of Class 10 fill. ----- Includes 527 cu. yds. of Class 10 to be wasted, as per Article 1106.07 of the current specifications. ----- Overhaul will not be measured or paid for, but shall be considered incidental to roadway excavation on this project. ----- Refer to T-Sheets for quantities.
3	2102-2710080	EXCAVATION, CLASS 10, UNSUITABLE/UNSTABLE MATERIAL Includes 223 CY of unsuitable material to be removed and replaced in fill areas outside the proposed pavement and sidewalk footprints. ----- Refer to Tab. 103-3 for locations and quantities.
4	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD Refer to T-Sheets for quantities. Strip all existing topsoil to a depth of 6 inches except within the storm water wetland and detention basin. Strip to a depth of 12 inches with the stormwater wetland and detention basin ----- Includes 9,875 cu. Yds. Of topsoil strip, 6,248 cu. Yds. Of topsoil placement, and 3,627 CY of topsoil waste. Topsoil waste can be used as class 10 fill.
5	2109-8225100	SPECIAL COMPACTION OF SUBGRADE Refer to B-Sheet Typical for NE 36th Street, NE Trilein Drive, NE Briarwood Drive, and NE Raintree Drive. NE 36th Street will have 6" of special compaction of subgrade and NE Trilein Drive, NE Briarwood Drive, and NE Raintree Drive will have 12" of special compaction of subgrade. Area of measurement extends to 3 feet beyond the outer limits of the roadway.
6	2110-3825010	GRANULAR MATERIAL This bid item is for temporary granular placement for the golf cart path detour route at NE Briarwood Drive, south of NE 36th Street. Quantity is calculated by an installation rate of 6 in depth at 10 ft wide for 140 LF.

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ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
-	-	----- Refer to Sheet J.13 for locations. -----
7	2113-0001100	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID Verify the specific locations with the Engineer prior to beginning placement. This item is to be utilized in soft areas in which the soil needs added strength and is to be used as directed by the Engineer. ----- Refer to Tab 103-3 for locations.
8	2115-0100000	MODIFIED SUBBASE Refer to B-Sheet Typical for NE 36th Street. Modified Subbase will be placed as virgin aggregate (Recycled PCC pavement will not be allowed). ----- Refer to Tab. 100-24 MODIFIED for locations and additional information.
9	2123-7450020	SHOULDER FINISHING, EARTH Includes 1859 cu. yds of material (included in class 10 fill). No Payment for overhaul will be allowed for this material. ----- Refer to B-Sheet Typical for location. Refer to T-Sheets for quantities.
10	2210-0475290	MACADAM STONE BASE Refer to Tab-103-3 for locations and details. ----- Verify the specific locations with the Engineer prior to beginning placement. This item is to be utilized in core-out areas in which the soil is deemed unsuitable material and is to be used as directed by the Engineer.
11	2213-6745500	REMOVAL OF CURB Refer to S-Sheets for locations of curb and gutter removal for sidewalk installation. ----- Refer to Tab-110-1 for pavement removal/curb and gutter removal quantities.
12	2301-1033080	STD/S-F PCC PAVEMENT, CLASS C CLASS 3, 8 IN. Refer to Tab. 100-24 MODIFIED for locations and additional information. ----- Refer to B-Sheet Typical for NE Trilein Drive and NE Briarwood Drive. ----- Refer to L-Sheets for slope transitions, geometrics, staking, and jointing details. ----- Certified Plant Inspection is required. Refer to Section 2521 for additional information.

PROPOSED SUBGRADE TREATMENT

(For Additional Details see Soils Survey Sheet No. _____ to _____.)

No.	Location		Side	Type	Description			Material	Shrink %	Quantity		Polymer Grid SY	Available From		Remarks
	Begin Station	End Station			Depth FT	Width FT	Area SF			CY	TON		Quantity CY	Location or Station to Station	
1	29+50.00	32+70.00	BOTH	Standard	1.0	77.0	24,750.0	FLY ASH	0.00%	1,390.0	187.500	2,750.0			NOTE 1
2	30+00.00	35+00.00	NBL	Standard	1.0	12.0	6,000.0	CLASS 10 UNSUITABLE MATERIAL	0.00%	223.0	400.000				NOTE 2
3	30+00.00	35+00.00	NBL	Standard	1.0	12.0	6,000.0	MACADAM STONE BASE	0.00%	223.0	400.000				NOTE 2
<p>NOTE 1: SUBGRADE TREATMENT WILL BE NEEDED BETWEEN STATIONS 29+50 TO 32+20 DUE TO THE PROXIMITY OF THE WATER TABLE AND THE PROPOSED PAVEMENT ALONG WITH THE ANTICIPATED SOFT AND VERY MOIST SANDY LEAN CLAY. FLY ASH IS RECOMMENDED IN THESE AREAS AND SHALL BE INCORPORATED INTO THE SUBGRADE, INCLUDING 3 FEET OUTSIDE OF THE ROADWAY PAVEMENT. INCORPORATION RATE IS ESTIMATED AT 15% WITH A DRY UNIT WEIGHT OF 100 LBS PER CUBIC FOOT. CONTRACTOR SHALL RECEIVE APPROVAL BY THE ENGINEER PRIOR TO COMPLETING ANY WORK ON THIS ITEM. ADDITIONAL FLY ASH TREATMENT WILL BE PAID AT THE CONTRACT UNIT PRICE AT NECESSARY LOCATIONS.</p> <p>NOTE 2: SUBGRADE TREATMENT WILL BE NEEDED WITHIN THE EXISTING DITCH GRADE BETWEEN STA. 30+00 TO 35+00. 223 CY OF CLASS 10 UNSUITABLE MATERIAL WILL BE CORED OUT (EXCLUDING TOPSOIL) AND REPLACED WITH MACADAM STONE BASE. ADDITIONAL MACADAM STONE BASE WILL BE PAID AT THE CONTRACT UNIT PRICE AT NECESSARY LOCATIONS.</p>															

LIST OF SUBDRAIN WORK

Refer to DR-121, DR-201, DR-203, DR-301, DR-302, DR-303, DR-304, and DR-305.

* Not a bid item

No.	Location		Type of Installation	Pipe			Aprons		Outlets		Connected Pipe Joints* DR-121	Subdrain Cleanout (Type A-1)	Subdrain Cleanout (Type B)	Porous Backfill* CY	Class "A" Crushed Stone* CY	Remarks	
	Station to Station	DR-301, DR-302, DR-303		Concrete C.M.P., C.M.P. Coated, or Plastic	Dia. IN	Length LF	DR-201 No.	DR-203 No.	DR-304 No.	Into Storm Structure							
																	Type
SD-1	2+14.47	3+56.17	DR-303, Type 12	Plastic	6.0	142				1		1.0		9.4		WB SIDE OF ROADWAY	
SD-2	3+63.83	7+46.17	DR-303, Type 12	Plastic	6.0	382				2				25.5		WB SIDE OF ROADWAY	
SD-3	7+53.83	9+71.17	DR-303, Type 12	Plastic	6.0	217				2				14.5		WB SIDE OF ROADWAY	
SD-4	9+78.83	13+96.17	DR-303, Type 12	Plastic	6.0	417				2				27.8		WB SIDE OF ROADWAY	
SD-5	14+03.83	15+56.17	DR-303, Type 12	Plastic	6.0	152				2				10.2		WB SIDE OF ROADWAY	
SD-6	15+63.83	17+17.18	DR-303, Type 12	Plastic	6.0	160				2				10.7		WB SIDE OF ROADWAY	
SD-7	17+19.18	20+96.17	DR-303, Type 12	Plastic	6.0	384				2		1.0		25.6		WB SIDE OF ROADWAY	
SD-8	21+04.17	22+95.25	DR-303, Type 12	Plastic	6.0	191				2				12.7		WB SIDE OF ROADWAY	
SD-9	23+02.92	24+94.05	DR-303, Type 12	Plastic	6.0	208				1		1.0		13.9		WB SIDE OF ROADWAY	
SD-10	28+16.21	29+46.26	DR-303, Type 12	Plastic	6.0	148				1		1.0		9.9		WB SIDE OF ROADWAY	
SD-11	29+53.92	30+82.89	DR-303, Type 12	Plastic	6.0	129				2				8.6		WB SIDE OF ROADWAY	
SD-12	30+90.55	33+45.83	DR-303, Type 12	Plastic	6.0	255				2				17.0		WB SIDE OF ROADWAY	
SD-13	33+54.17	36+50.93	DR-303, Type 12	Plastic	6.0	297				2				19.8		WB SIDE OF ROADWAY	
SD-14	36+57.30	37+35.83	DR-303, Type 12	Plastic	6.0	79				2				5.2		WB SIDE OF ROADWAY	
SD-15	37+44.17	39+71.17	DR-303, Type 12	Plastic	6.0	227				2				15.1		WB SIDE OF ROADWAY	
SD-16	39+78.83	41+19.17	DR-303, Type 12	Plastic	6.0	140				2				9.4		WB SIDE OF ROADWAY	
SD-17	41+26.83	43+21.17	DR-303, Type 12	Plastic	6.0	194				2				13.0		WB SIDE OF ROADWAY	
SD-18	43+28.83	44+25.76	DR-303, Type 12	Plastic	6.0	97				2				6.5		WB SIDE OF ROADWAY	
SD-19	44+31.52	44+88.94	DR-303, Type 12	Plastic	6.0	57				2				3.8		WB SIDE OF ROADWAY	
SD-20	44+94.71	46+57.08	DR-303, Type 12	Plastic	6.0	166				2				11.1		WB SIDE OF ROADWAY	
SD-21	5+36.77	7+46.17	DR-303, Type 12	Plastic	6.0	209				2				14.0		EB SIDE OF ROADWAY	
SD-22	7+53.83	9+71.17	DR-303, Type 12	Plastic	6.0	217				2				14.5		EB SIDE OF ROADWAY	
SD-23	9+78.83	11+71.17	DR-303, Type 12	Plastic	6.0	192				2				12.8		EB SIDE OF ROADWAY	
SD-24	11+78.83	13+96.17	DR-303, Type 12	Plastic	6.0	217				2				14.5		EB SIDE OF ROADWAY	
SD-25	14+03.83	15+56.17	DR-303, Type 12	Plastic	6.0	152				2				10.2		EB SIDE OF ROADWAY	
SD-26	15+63.83	17+48.78	DR-303, Type 12	Plastic	6.0	198				2				13.2		EB SIDE OF ROADWAY	
SD-27	17+83.80	20+96.17	DR-303, Type 12	Plastic	6.0	332				2				22.1		EB SIDE OF ROADWAY	
SD-28	21+03.83	22+95.25	DR-303, Type 12	Plastic	6.0	191				2				12.8		EB SIDE OF ROADWAY	
SD-29	23+02.92	24+94.05	DR-303, Type 12	Plastic	6.0	200				1		1.0		13.3		EB SIDE OF ROADWAY	
SD-30	28+16.22	29+46.26	DR-303, Type 12	Plastic	6.0	138				1		1.0		9.2		EB SIDE OF ROADWAY	
SD-31	29+53.92	30+82.89	DR-303, Type 12	Plastic	6.0	129				2				8.6		EB SIDE OF ROADWAY	
SD-32	30+90.55	33+46.17	DR-303, Type 12	Plastic	6.0	256				2				17.0		EB SIDE OF ROADWAY	
SD-33	33+53.83	36+43.27	DR-303, Type 12	Plastic	6.0	295				2				19.7		EB SIDE OF ROADWAY	
SD-34	36+45.27	37+36.17	DR-303, Type 12	Plastic	6.0	96				2		1.0		6.4		EB SIDE OF ROADWAY	
SD-35	37+43.83	39+71.17	DR-303, Type 12	Plastic	6.0	227				2				15.2		EB SIDE OF ROADWAY	
SD-36	39+78.83	43+21.17	DR-303, Type 12	Plastic	6.0	342				2				22.8		EB SIDE OF ROADWAY	
SD-37	43+28.83	46+57.08	DR-303, Type 12	Plastic	6.0	328				2				21.9		EB SIDE OF ROADWAY	
SD-38	16+38.95	16+47.73	DR-301, Type A	Plastic	6.0	12								0.8		CONNECT FIELD DRAIN TO PROPOSED SUBDRAIN WITH WYE	
SD-39	33+02.13	33+10.61	DR-301, Type A	Plastic	6.0	20								1.3		CONNECT FIELD DRAIN TO PROPOSED SUBDRAIN WITH WYE	
SD-40	43+21.83	43+23.00	DR-301, Type A	Plastic	6.0	27								1.8		CONNECT FIELD DRAIN TO PROPOSED SUBDRAIN WITH WYE	
SD-41	44+74.21	44+74.21	DR-301, Type A	Plastic	6.0	20								1.3		CONNECT FIELD DRAIN TO PROPOSED SUBDRAIN WITH WYE	
				TOTALS	DR-303	7765				69		5.0	2.0	523.0			
					DR-301	79											