

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: May 19, 2015
Date of Addendum: May 11, 2015

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
162	78-C078-187	HMA RESURFACING WITH MILLING	POTTAWATTAMIE	FM-C078(186)--55-78 FM-C078(187)--55-78	19MAY162.A02

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0580 2121- 7425020 GRANULAR SHOULDERS, TYPE B, AS PER PLAN:

From: 10,027.100 TONS
To: 21,727.150 TONS

Delete Proposal Line No. 0620 2128-0000120 FURNISH AND APPLY GRANULAR SHOULDER MATERIAL; 11,700.000 TONS

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

FM-CO78(186)--55-78

Add the following note to Sheet J.1, Tabulation 108-26A

The contractor will not be limited to scarifying only those segments of roadway which can be overlaid in a single day.

FM-C078(187)--55-78

Replace Sheet C.1 with the attached C.1

Make the following changes to the ESTIMATE REFERENCE INFORMATION

Delete Item Line No. 10 FURNISH AND APPLY GRANULAR SHOULDER MATERIAL; THE CONTRACTOR SHALL UTILIZE THIS MATERIAL PRIOR TO HAULING VIRGIN MATERIAL FROM OFF-SITE. STOCKPILED MATERIAL IS LOCATED IN THE SE QUADRANT OF THE INTERSECTION OF G-30 AND M-16 NEAR STA. 733+50

Add the following note to Sheet J.1, Tabulation 108-26A

The contractor will not be limited to scarifying only those segments of roadway which can be overlaid in a single day.

**ESTIMATED PROJECT QUANTITIES
(1 DIVISION PROJECT)**

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2102-0425070	SPECIAL BACKFILL	TON	65.92	
2	2102-2625000	EMBANKMENT-IN-PLACE	CY	119.86	
3	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	381.03	
4	2105-8425005	TOP-SOIL, FURNISH AND SPREAD	CY	23.14	
5	2121-2425020	GRANULAR SHOULDERS, TYPE B	TON	2,072.75	
6	2122-5190501	PAVED SHOULDER, PORTLAND CEMENT CONCRETE (PAVED SHOULDER FOR BRIDGE END DRAIN)	SV	39.7	
8	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
9	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
10	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
11	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
12	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
13	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
14	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
15	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
16	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SV	2773.6	
17	2301-0690020	BRIDGE APPROACH, BR-202	SV	320	
18	2303-0021750	HOT MIX ASPHALT MIXTURE (300,000 ESAL), BASE COURSE, 3/4 IN. MIX	TON	12163.72	
19	2303-0023380	HOT MIX ASPHALT MIXTURE (300,000 ESAL), INTERMEDIATE OR SURFACE COURSE, 1/2 IN. MIX, NO SPCL. FRIC REQ.	TON	5523.29	
20	2303-0023580	HOT MIX ASPHALT MIXTURE (300,000 ESAL), INTERMEDIATE OR SURFACE COURSE, 1/2 IN. MIX, NO SPCL. FRIC REQ.	TON	5284.93	
21	2303-0246422	ASPHALT BINDER, PG 64-22	TON	1288.32	
22	2303-0910000	HOT MIX ASPHALT MIXTURE (300,000 ESAL), INTERMEDIATE OR SURFACE COURSE, 1/2 IN. MIX, NO SPCL. FRIC REQ.	TON	1	
23	2303-0910000	HOT MIX ASPHALT MIXTURE (300,000 ESAL), INTERMEDIATE OR SURFACE COURSE, 1/2 IN. MIX, NO SPCL. FRIC REQ.	TON	1	
24	2316-0000120	PAVEMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	15340	
25	2502-2301000	FIN DRAIN, AS PER PLAN	LF	56336	
26	2502-8221104	SUBDRAIN OUTLET, BR-300	EACH	222	
27	2505-4008120	STEEL BEAM GUARDRAIL	LF	280.5	
28	2505-4008120	STEEL BEAM GUARDRAIL	LF	280.5	
29	2505-4008100	STEEL BEAM GUARDRAIL	LF	75	
30	2505-4008100	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION	EACH	4	
31	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	4	
32	2510-6745000	REMOVAL OF PAVEMENT END TERMINAL	SV	3662.4	
33	2510-6745000	REMOVAL OF PAVEMENT END TERMINAL	SV	26.9	
34	2517-4225220	RAILROAD APPROACH SECTION, HMA	SV	26.9	
35	2518-6910000	SAFETY CLOSURE	EACH	4	
36	2527-9263100	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	831.08	
37	2528-8445110	TRAFFIC CONTROL	LS	1	
38	2528-8445110	TRAFFIC CONTROL	LS	1	
39	2529-8174010	SUBBASE (PATCHES)	SV	977.8	
40	2529-8174010	SUBBASE (PATCHES)	SV	40	
41	2533-4900005	PATCH SUBDRAIN	LS	1	
42	2533-4900005	PATCH SUBDRAIN	LS	1	
43	2595-0009335	MOBILIZATION, EROSION CONTROL	EACH	1	
44	2601-2634100	MULCHING	ACRE	9.5	
45	2601-2634100	MULCHING	ACRE	9.5	
46	2601-2634100	MULCHING	ACRE	9.5	
47	2601-2634100	MULCHING	ACRE	9.5	
48	2601-2643300	MOBILIZATION FOR WATERING	ACRE	9.8	
49	2602-0000012	PERMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	1156	
50	2602-0000010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
51	2602-0000020	MOBILIZATIONS, EROSION CONTROL	EACH	1	

PROJECT DESCRIPTION

This project includes the resurfacing of County Road M-16 in Pottawattamie Co. from Sta. 473+00 to Sta. 737+16.31. The top two inches of the existing pavement will be scarified followed by rubblizing of the underlying six inch PCC pavement. An average thickness of two inches of aggregate inter-layer will be placed followed by a six inch hot mix asphalt overlay. The aggregate inter-layer will be utilized to provide a drainage plane for the new roadway. The new roadway will be placed to a depth of 4.44 feet from the existing roadway and shoulders will be dressed to meet the new roadway elevation. Grout will be placed at the bridge at Sta. 604+485.00. The bridge approaches and rail ends will also be replaced.

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2102-0425070	SPECIAL BACKFILL REFER TO TAB 112-9 ON SHEETS C.9 AND C.10 FOR LOCATIONS. REFER TO TYPICAL 7156 ON SHEET B.5 FOR DETAILS OF CONSTRUCTION. DESIGN RATE FOR SPECIAL BACKFILL IS 140 PCF.
2	2102-2625000	EMBANKMENT-IN-PLACE REFER TO TAB 107-23 MODIFIED ON SHEET C.8 FOR LOCATIONS. REFER TO STANDARD ROAD PLAN BR-301 FOR ADDITIONAL DETAILS OF EMBANKMENT AT GUARDRAIL. THE MATERIAL FOR EMBANKMENT-IN-PLACE SHALL BE SUPPLIED BY THE CONTRACTOR.
3	2102-2713090	EXCAVATION, CLASS 13, WASTE REFER TO TAB 112-9 ON SHEETS C.9 AND C.10 AND TAB 107-23 MODIFIED ON SHEET C.8 FOR LOCATIONS. ALL CLASS 13 WASTE WILL BE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE.
4	2105-8425005	TOP-SOIL, FURNISH AND SPREAD REFER TO TAB 107-23 MODIFIED ON SHEET C.8 FOR LOCATIONS. AVERAGE DEPTH OF TOPSOIL SHALL BE SIX INCHES. METHOD OF MEASUREMENT FOR THIS ITEM WILL BE BY CY FOR FURNISHING AND SPREADING TOPSOIL AT LOCATIONS DESIGNATED IN THE CONTRACT DOCUMENTS. BASIS OF PAYMENT FOR THIS ITEM WILL BE FULL COMPENSATION FOR MATERIALS, TOOLS, EQUIPMENT AND LABOR NECESSARY FOR FURNISHING AND SPREADING TOPSOIL. OVERHAUL WILL NOT BE PAID FOR THIS ITEM. MODIFIED SUBBASE REFER TO TAB 100-25 MODIFIED ON SHEET C.6 FOR LOCATIONS. REFER TO DETAIL 7388 MODIFIED ON SHEET B.7 FOR DETAILS OF CONSTRUCTION.
6	2121-7425020	GRANULAR SHOULDERS, TYPE B REFER TO TAB 112-9 ON SHEETS C.9 AND C.10 FOR LOCATIONS. REFER TO DETAIL 7134 MODIFIED ON SHEET B.4 FOR DETAILS OF CONSTRUCTION. DESIGN RATE FOR GRANULAR SHOULDERS IS 140 PCF.
7	2122-5190501	PAVED SHOULDER, PORTLAND CEMENT CONCRETE (PAVED SHOULDER FOR BRIDGE END DRAIN) REFER TO TAB 104-8A ON SHEET C.7 FOR LOCATIONS. REFER TO TAB 100-27 ON SHEET C.5 FOR SMOOTHNESS AND TEXTURE. REFER TO STANDARD ROAD PLANS DR-402, PV-101, PV-102 AND BR-202 FOR DETAILS OF CONSTRUCTION.
8	2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN. REFER TO TAB 104-8A ON SHEET C.7 FOR LOCATIONS. REFER TO TYPICALS 7156 ON SHEET B.5 AND 7148 MODIFIED ON SHEET B.6 FOR DETAILS OF CONSTRUCTION.
9	2123-7450000	SHOULDER CONSTRUCTION, EARTH REFER TO TAB 112-9 ON SHEETS C.9 AND C.10 FOR LOCATIONS. REFER TO TYPICAL 7156 ON SHEET B.3 FOR ADDITIONAL DETAILS OF CONSTRUCTION.
10	2128-0000120	FURNISH AND APPLY GRANULAR SHOULDER MATERIAL— STOCKPILED MATERIAL IS LOCATED IN THE SE QUADRANT OF THE INTERSECTION OF 6-30 AND N-16 NEAR STA. 734+00.—
11	2210-0075105	CHOKE STONE BASE REFER TO TAB 100-25 MODIFIED ON SHEET C.6 FOR LOCATIONS. REFER TO DETAIL 2692 MODIFIED ON SHEET B.2 FOR DETAILS OF CONSTRUCTION. THE CONTRACTOR MAY USE HMA MILLINGS AS CHOKE STONE BASE MATERIAL. ANY HMA MILLINGS USED MUST MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR HMA MILLINGS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE SCALE TICKETS OR USE A UNIFORM TRUCK SIZE AND WEIGHT FOR ANY RECYCLED MATERIAL USED. SCALE TICKETS WILL BE REQUIRED FOR ANY VIRGIN MATERIAL USED. AN ADDITIONAL 15% OF CHOKE STONE MATERIAL WAS ADDED TO THE BID QUANTITY TO ACCOUNT FOR IRREGULARITIES IN THE PROFILE. CLEANING AND PREPARATION OF BASE INCLUDES BOTH LANES OF COUNTY ROAD M16. DOES NOT INCLUDE BRIDGES, BRIDGE APPROACHES, RUMDOUTS OR PROFILE CORRECTION LOCATIONS.
12	2212-0075005	

SEE V SHEETS FOR ADDITIONAL BID ITEMS AND QUANTITIES