

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April 18, 2017
Date of Addendum: March 29, 2017

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
103	25-C025-107	PCC PAVEMENT - REPLACE	DALLAS	HSIP-S-C025(107)--6C-25	18APR103A01

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0010 2102-3240000 WATER FOR EMBANKMENT
CONSTRUCTION:

From: 36.430 MGAL

To: 24.290 MGAL

Change Proposal Line No. 0040 2116-0000300 MINERAL STABILIZING AGENT:

From: 303.600 TON

To: 202.400 TON

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

Replace plan sheet C.1 with the attached plan sheet.

General Notes:

- 1

The Contractor shall be responsible for locating any staging or stockpiling locations for new materials outside of the project limits and will be responsible for all clean up and restoration of the site to its original condition. Stockpiling of existing materials may be stockpiled in the location identified on Sheet D.3 and as described in the Quantity Notes on this page. Any remaining stockpiled crushed PCC will remain the property of the contracting authority.
- 2

The Contractor shall be responsible for maintaining reasonable and safe access to residents during all construction activities. A staging plan shall be submitted to the Engineer for approval detailing plans to maintain access to residents. Article 1107.08 shall apply.
- 3

Section 2316 - Pavement Smoothness shall apply to this project.
- 4

The Contractor shall conduct activities in accordance with Article 1108.03
- 5

Dallas County will provide construction staking and/or alignment, profile, and surface electronic files.
- 6

Certified Plant Inspection will be required for all concrete incorporated in this project.

Quantity Notes:

- Item 1

Water - Water to be added during the reclaiming process. Rate of water use is estimated at 3000 gallons per 25 tons.
- Item 2

Modified Subbase, Place Only - Crushed PCC from item 22 is to be used as modified subbase. Quantity shown is for modified subbase outside of the bridge approach areas. For estimating purposes, the compacted crushed PCC material is assumed to be 110% of the volume of the in-place PCC pavement. See typical section of Sheet B.1 for dimensions. Any loading, hauling, spreading of material and all trimming operations will be incidental to this item.
- Item 3

Full Depth Reclamation - Depth of reclamation to be 12" and 28' wide.
- Item 4

Mineral Stabilizing Agent - Rate estimated at 10% by weight, with an estimated weight of 130pcf. Dallas County will provide a mix design after sizing of subgrade material, and before incorporation of portland cement. No blading of portland cement will be allowed, material to be spread by a cross auger system. Contractor shall maintain desired subbase profile.
- Item 5

Granular Shoulders, Type B - Estimate based on 4" of material. Material shall be thoroughly wetted prior to compacting. See "Proposed Typical Section" on Sheet B.1. Backfilling of granular shoulder material as shown in the typical section will be incidental to this item.
- Item 6

Shoulder Finishing, Earth - Item includes any necessary backfilling of the pavement edge and reshaping of the existing shoulder to provide a minimum 4% slope and 4" depth for granular shouldering. Shoulders should be scarified and free of vegetation. Excess material shall be stockpiled with material from item #7 and will be incidental to this item.
- Item 7

Excavation, Class 13, For Widening - Excavation is assumed to be 40.74 CY per station. Excavated material is to be stockpiled at the south east corner of US Highway 169 and Dallas County Highway F90 in a lot maintained by Dallas County. Approximate average haul distance is 1,500'. See Sheet D.3 for approximate location. Hauling and stockpiling will be incidental to this item. Stockpiled material will remain the property of Dallas County.
- Item 8

Bridge Approach, BR-201 - See tabulation on Sheet C.2. Double reinforced sections are intended match the width of the existing bridges. The contractor shall excavate the existing subbase to construct the modified subbase as shown in the standard road plans. Crushed material from item 22 that remains after item 2 is complete may be used as modified subbase for the bridge approaches. Any virgin material necessary to construct the modified subbase for the bridge approaches will be incidental to this item. A portion of the existing subbase may be flowable mortar. Excavated material shall be stockpiled in the location described with item #7. Excavation, hauling, and stockpiling will be incidental to this item.
- Item 9

Standard or Slip Form PCC Pavement, Class C, Class 3 Durability, 9" - See typical section on page B.1. Bid item includes all transverse and longitudinal reinforcing steel.
- Item 11

Rumble Strip Panel (PCC Surface) - See tabulation on Sheet C.2.
- Item 12

Removal of Existing Handrail and End Posts - See Sheet U.2 for details and notes. Removed materials shall become the property of the contractor and shall not be disposed of in Dallas County right-of-way.
- Item 13

Excavation, Class 20 - See Sheet U.1 for details. Quantity is 26 CY per abutment for the west bridge and 17 CY per abutment for the east bridge. A portion of the existing backfill material may be flowable mortar. No additional compensation will be allowed for the removal of flowable mortar. Excavated material may be stockpiled in the location described in note #7 and will be incidental to this item.

ESTIMATED PROJECT QUANTITIES								
100-1C 4/17/12								
Division 1: Sta. 612+14 to Sta. 627+40.7, except Division 2. Division 2: Construction of 2' integral paved shoulders and shoulder rumble strips from Sta. 612+14 to Sta. 627+40.7 and associated items of work as detailed in the estimated project quantities on this sheet.								
Item No.	Item Code	Item	Unit	Plan			As Built	
				Division 1	Division 2	Total	Division 1	Division 2
1	2102-3240000	Water	MGAL	20.82	3.47	24.29		
2	2115-0100200	Modified Subbase, Place Only	CY	494.3	82.4	576.7		
3	2116-0000100	Full Depth Reclamation	SY	2965.9	494.3	3460.2		
4	2116-0000300	Mineral Stabilizing Agent	TON	173.5	28.9	202.4		
5	2121-7425020	Granular Shoulders, Type B	TON	489.9		489.9		
6	2123-7450020	Shoulder Finishing, Earth	STA	24.05		24.05		
7	2213-2713300	Excavation, Class 13, For Widening	CY	389.0		389.0		
8	2301-0690201	Bridge Approach, BR-201	SY	851.1	88.9	940.0		
9	2301-1033090	Standard or Slip Form PCC Pavement, Class C, Class 3 Durability, 9 IN.	SY	2709.5	369.9	3079.4		
10	2301-6911722	Portland Cement Concrete Pavement Samples	LS	0.91	0.09	1.00		
11	2301-9091000	Rumble Strip Panel (PCC Surface)	EACH	2		2		
12	2401-6745636	Removal of Existing Handrail and End Posts	LS	1.00		1.00		
13	2402-2720000	Excavation, Class 20	CY	86		86		
14	2414-6431100	Retrofit Concrete Barrier Railing	LF	28.0		28.0		
15	2502-8212034	Subdrain, Longitudinal, Shoulder, 4"	LF	2210.0		2210.0		
16	2502-8221304	Subdrain Outlet, DR-304	EACH	7		7		
17	2505-4008120	Removal of Steel Beam Guardrail	LF	913.5		913.5		
18	2505-4008300	Steel Beam Guardrail	LF	541.5		541.5		
19	2505-4008410	Steel Beam Guardrail Barrier Transition Section, BA-201	EACH	8		8		
20	2505-4021010	Steel Beam Guardrail End Anchor, Bolted	EACH	8		8		
21	2505-4021721	Steel Beam Guardrail Flared End Terminal, BA-206	EACH	4		4		
22	2510-6750501	Removal And Crushing of Pavement	SY	3736.8		3736.8		
23	2518-6910000	Safety Closure	EACH	2		2		
24	2524-6765010	Remove And Reinstall Sign as Per Plan	EACH	1		1		
25	2527-9263109	Painted Pavement Marking, Waterborne or Solvent Based	STA	62.26		62.26		
26	2528-8445110	Traffic Control	LS	1.00		1.00		
27	2528-8445113	Flaggers	EACH	See Proposal				
28	2533-4980005	Mobilization	LS	1.00		1.00		
29	2548-0000200	Milled Shoulder Rumble Strips, PCC Surface	STA		19.1	19.1		

- Item 14

Retrofit Concrete Barrier Rail - See Sheet U.2 for details and notes. Contractor to reconstruct the bridge endposts at the locations shown on sheet D.2 to allow for installation of new steel guardrail.
- Items 15-16

Subdrains - See tabulations on Sheet C.2. Excavated material shall be stockpiled with item #7. Contractor shall verify a minimum of 0.3% slope in all areas. Dallas County will be responsible for seeding and erosion control. Hauling and stockpiling of excavated material will be incidental to this item.
- Items 17-21

Steel Beam Guardrail - Contractor to remove all guardrail, posts, delineators, and any associated items as shown on Sheet C.2. All removed items are to become the property of the contractor and shall not be disposed of within Dallas County Right-of-Way. Bid items include all materials, equipment, and labor for the installation of guardrail shown in the tabulation on Sheet C.2 as directed by the standard road plans identified within this project. Drilling into the existing bridge may be required, and will be incidental to these items.
- Item 22

Removal and Crushing of Pavement - Item includes removal, crushing, and stockpiling of existing PCC pavement. The existing pavement is assumed to be 9.5" PCC as indicated in the tabulation on Sheet C.2. Crushed material shall be used as modified subbase. Material shall meet gradation #14 of the Iowa DOT Aggregate Gradation Table, Article 4109. Any remaining crushed PCC shall remain the property of the contracting authority. PCC removal rate of 70.37 CY/Sta. is assumed. For estimating purposes, the existing in-place PCC is assumed to yield 110% of the original volume for compacted crushed PCC. Any reinforcing steel shall be removed from crushed material and will become the property of the contractor.
- Item 23

Safety Closure - See tabulation on Sheet C.2. Safety closures shall permit access for local residents.
- Item 24

Remove and Reinstall Sign as Per Plan - See tabulation on Sheet C.2. Contractor shall remove, store, and reinstall the sign shown in the tabulation. Any materials damaged during removal and reinstallation shall be replaced with like materials and will be incidental to this item. Dallas County will provide reflective barrel for reinstallation. Installation location to be field verified.
- Item 25

Painted Pavement Marking, Waterborne or Solvent Based - All centerline pavement markings shall be placed with a two-gun system. See tabulation on Sheet C.3.
- Item 26

Traffic Control - Route will be closed to through traffic for the duration of the project. Contractor to be responsible for all traffic control within project limits and side roads and shall maintain a daily traffic diary. Temporary lane closures on US Highway 169 and flaggers will be necessary for work abutting the the pavement of US Highway 169. Overnight drop offs along US Highway 169 shall be protected with lighted Type 1 or Type 2 vertical panels. Dallas County to maintain project detour. See the Traffic Control Plan on Sheet A.1.
- Item 27

Flaggers - Iowa DOT pre-determined wages shall be used. See proposal for quantities.