



ITEM 11H

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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Randy Hill, Public Works Director
FROM: Jon Lutz, City Engineer
DATE: June 2, 2014
RE: Change Order 2 – Colorado Street Reconstruction Project

INTRODUCTION:

The City of Muscatine is reconstructing Colorado Street from Park Ave. to University Drive under contract with Heuer Construction. The northbound right turn lane from Park Ave to Colorado was designed as new concrete with asphalt surfacing. For longer life, decreased construction time, and less testing costs the lane is proposed to be full depth concrete without asphalt. Iowa DOT local maintenance concurred with this proposal.

BACKGROUND:

A detailed description of all items included in this change are included on the attached change order 2 and ITC #2. Cost for change order 2 are item increases of \$32,302.00 and item decreases of 33,540.00 yielding a net decrease of \$1,238.00. MPW will fund a \$1,752.00 pavement patch included in the change order. Therefore the net effect on the City is a decrease of \$2,990.00.

RECOMMENDATION/RATIONALE:

The City Engineer recommends approving Change order #2 for a decreased contract amount of \$1238.00.

BACKUP INFORMATION:

1. Change Order 2
2. ITC #2

Accounting ID No.

1 2 3 4 5 6

C-1 -Settlement for cost of work to be made as follows:

Change Order No. 002

OUTLINED IN ATTACHED HEUER CONST. ITC #2 DOCUMENT DATED 2/14/14.

C-2 - Justification for cost(s) ITEM 8003 IS SIMILAR TO A PCC SHOULDER ADDED ONTO AN EXISTING SLAB. COMPARABLE PRICES FOR 12 PCC SHOULDER RANGE FROM A HIGH OF \$132.31/SY TO A LOW OF \$68.00/SY. ITEM 8004 WHERE A TWO FOOT PATH IS MILLED UP 4 IN. DEEP AND HMA IS PLACED IN THIS PATCH DOES NOT HAVE A COMPARABLE THAT CAN BE LOCATED. ITEM 8005 WAS ONE PATCH THAT INCLUDED SAW CUTTING, PAVMT REMOVAL, DRILLING AND PLACING REBAR AND PCC M-4 MIX. THE COST WAS DETERMINED BY TRACKING ACTUAL COSTS AND LABOR EXPENSES.

D - ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .XXX	If Credit Add "CR"		Amount .XX
			Quantity .XXX		
7 001	0160	44.000	400.000	CR	-17,600.00
7 002	0170	175.000	38.000	CR	-6,650.00
7 003	0180	175.000	38.000	CR	-6650.00
7 004	0190	600.000	4.400	CR	-2640.00
7					
7					
7					
TOTAL					-33,540

E - ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	If Credit, Add "CR"		Amount .XX
				Unit Price .XXX	Quantity .XXX	
8003	Add item for "PCC PAVEMENT WIDENING, 12" SQUARE YARD	2302-1200120		67.000	400.000	26,800.00
8004	Add item for "ASPHALT TAPER, 24" x 4" LUMP SUM			3750.000	1.000	3,750.00
8005	Add item for PCC PATCH 12' THICK, M-4 MIX, LUMP SUM			1752.000	1.000	1,752.00
8						
8						
8						
8						
TOTAL						32,302.00

INSTRUCTION TO CONTRACTOR

ITC #2



Colorado Street Re-Construction

Park Avenue to University Drive

IDOT Project No: STP-U-5330(616)—70-70

SHPE No. 13381/10015

Title: Park Ave Section Revisions

Date: January 30, 2014

The following instruction is issued to:

- Clarify contract documents and/or procedures
- Request a Change Authorization Request for Owner's further consideration
- Transmit documents for incorporation into the contract, subject to the last paragraph below.
- Respond to Contractor's RFI No. ____.

Description of Instruction:

Construct Park Avenue turning lane with 12-inch PCC pavement instead of 8-inch PVC with 4-inch HMA overlay as previously shown. Mill and overlay a 24-inch wide taper adjacent to the 12-inch PCC pavement to provide a straight and even edge. See revised Park Avenue Typical Roadway Section on included revised Sheet B.03.

A handwritten signature in blue ink that appears to read "Robert W. Tabin".

Name: Robert W. Tabin

Title: Civil Engineer

A handwritten date in blue ink that appears to read "1/31/14".

Date

If, in your opinion, this instruction involves work which either increases or decreases the Contract sum or Contract time you shall not proceed until you submit a Change Authorization Request and receive Owner's approval to proceed with the work.