



MEMORANDUM

1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

To: Randy Hill, Public Works Director
FROM: Jon Lutz, City Engineer
DATE: April 9, 2013
RE: Hershey Ave. Reconstruction Project – Change Order 5

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

INTRODUCTION:

Hershey Avenue Reconstruction work has been completed along with the IDOT materials certification and quantity documentation audits. The contractor has been paid for the work, less the retainage. In order to fully close out the project the City must approve Change Order #5 that reflects the final quantities and process the Final Pay Estimate for the retainage. Change Order #5 has been approved by the IDOT and is ready for City Council approval. Approval of a Final Pay Estimate is required in order to process a request for reimbursement to the City from the DOT of the remainder of their share of the funding.

BACKGROUND:

Four previous change orders were approved for this project. The final change order includes changes to ten (10) contract items that reflect actual final quantities. Four (4) additional items were added that were not part of the original contract. These fourteen (14) items required IDOT approval according to their rules.

RECOMMENDATION/RATIONALE:

I recommend city council approve Change Order #5 as necessary to complete and close out this project.

BACKUP INFORMATION:

1. IDOT-approved Change Order #5 showing items, final quantities, and the reasons for the changes
2. Final Pay Estimate



Iowa Department of Transportation

Change Order

Non-Substantial:

Part

Non-Part

No. 5 (part 1)

Substantial:

Concurrence Date

Contract Accounting ID No.: 28678

County Muscatine

Project No: STP-U-5330(618)--70-70

Kind of Work: Widening

Date Prepared: 12/16/2012

Contractor: Sulzberger Excavating, Inc.

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made or extra work to be done:

- 7007 - Item 0080, Std/SF PCC Pavement, CL C, CL 3, 8 IN. Extend the item quantity from 2982.7 to 3113.2 (final quantity)
- 7008 - Item 0090, PCC Pavement Sample. Delete this item from the contract.
- 7009 - Item 0200, Intake, SW-507. Reduce the quantity from 13 to 12. (final quantity)
- 7010 - Item 0410, Removal of Sidewalk. Extend the item quantity from 520 to 613.7 (final quantity)
- 7011 - Item 0420, Sidewalk, PCC, 4 IN. Extend the item quantity from 2269 to 2727.6 (final quantity)
- 7012 - Item 0430, Sidewalk, PCC, 6 IN. Reduce the item quantity from 62 to 43.7 (final quantity)
- 7013 - Item 0440, Detectable Warnings. Extend the quantity from 88 to 104. (final quantity)

B - Reason for change or extra work:

- 7007 - Additional PCC was placed near Clinton intersection to correct drainage problem.
- 7008 - No PCC samples were taken.
- 7009 - The change reflects the total number of inlets installed.
- 7010 - The change reflects private sidewalk removed due to elevation difference of new public sidewalk.
- 7011 - The change reflects private sidewalks replaced between homes and the new public sidewalk and the installation of new public sidewalk at the SW Clinton corner.
- 7012 - The change reflects the final quantity of 6" PCC sidewalk installed.
- 7013 - Two additional warning pads were installed at the Clinton intersection corner.

(Continued on reverse side)
 Approved [Signature] 4/2/2013
 District Construction Engineer Date
 Local Suppliers

[Signature] 4/01/13
 Project Engineer Date

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to

Approved contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

[Signature]
 Contractor
 By Tyler J. Sulzberger, CFO 3/27/13
 Date

Date _____
 For the Division Administrator
 Federal Highway Administration

Approved _____
 Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer - Forward original to District.
 District - Nonsubstantial - Forward original and one copy to the Office of Construction and two copies back to the Project Engineer.
 - Substantial - Forward original and two copies to the Office of Construction.

[Signature]
 4/11/13

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

Change Order No. 5 (part 1)

- 7007 - payment per unit cost from Change Order #4
- 7008 - deletion of item from the contract
- 7009 - reduction in final quantity; cost reduction based on per unit cost in the contract
- 7010-7011 - payment per unit cost in the contract
- 7012 - reduction in final quantity; cost reduction based on per unit cost in the contract
- 7013 - payment per unit cost in the contract

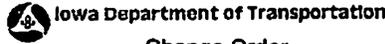
C-2 - Justification for cost(s) Costs for change numbers 7007 - 7013 reflect existing contract or previous change order unit prices.

D - ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .xxx	If Credit Add "CR"	
			Quantity .xxx	Amount .xx
7 007	0080, Std/SF PCC Pavement, CL C, CL 3, 8 IN	53.000	130.500	6,916.500
7 008	0090, PCC Pavement Sample	500.000	CR 1.000	<500.000>
7 009	0200, Intake, SW-507	2,750.000	CR 1.000	<2,750.000>
7 010	0410, Removal of Sidewalk	4.000	93.700	374.800
7 011	0420, Sidewalk, PCC, 4 IN	31.000	458.600	14,216.600
7 012	0430, Sidewalk, PCC, 6 IN	73.500	CR 18.300	<1,345.050>
7 013	0440, Detectable Warnings	22.000	16.000	352.000
TOTAL				17,264.85 (subtotal)

E - ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	If Credit Add "CR"	
					Quantity .xxx	Amount .xx
8						
8						
8						
8						
8						
8						
8						
TOTAL						



Change Order

Non-Substantial:

Part

Non-Part

No. 5 (part 2)

Substantial:

Concurrence Date

Contract Accounting ID No.: 28678

County Muscatine

Project No: STP-U-5330(618)--70-70

Kind of Work: Widening Date Prepared: 12/16/2012

Contractor: Sulzberger Excavating, Inc.

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made or extra work to be done:

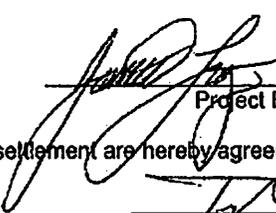
- 7014 - Item 0460, Driveway, PCC, 6 IN. Extend the item quantity from 606 to 734.5 (final quantity)
- 7015 - Item 0660, Flowers, as Per Plan. Delete this item from the contract.
- 7016 - Item 7006 (CO#4), Std/SF PCC Pavement, CL C, CL 3, 7 IN. Extend the item quantity from 825.6 to 840.0 (final quantity)
- 8006 - Adds an item to the contract, Mobilization, Erosion Control
- 8007 - Adds an item to the contract, STD/S-F PCC Pavement, CL C CL 3, Variable Thickness
- 8008 - Adds an item to the contract, Fence, Chain Link, 72" Height
- 8009 - Removal and Reinstallation of Fence, Chain Link

B - Reason for change or extra work:

- 7014 - Item 0460, Driveway, PCC, 6 IN. Extend the item quantity from 606 to 734.5, the final quantity.
- 7015 - Item 0660, Delete this item from the contract. No flowers were planted.
- 7016 - Item 7006, Extend the item quantity from 825.6 to 840.0, the final quantity
- 8006 - Additional mobilizations were necessary to repair silt fences
- 8007 - Steps at 58+95 (north side) were replaced to accommodate access by resident at 2003 Hershey Ave.
- 8008 - Additional chain link fence was needed to accommodate changes in location of fence reinstallation
- 8009 - Fence Reinstallation - The fence along the soccer complex was integrated into the new sidewalk involving additional concrete work

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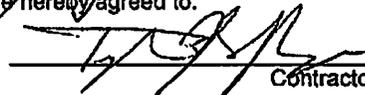
Approved _____
District Construction Engineer Date



Project Engineer Date 4/01/13

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to.

Approved contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.



Contractor

By Tyler J. Sulzberger, CFO 3/27/13
Date

Date For the Division Administrator
Federal Highway Administration

Approved _____
Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer - Forward original to District.
District - Nonsubstantial - Forward original and one copy to the Office of Construction and two copies back to the Project Engineer.
- Substantial - Forward original and two copies to the Office of Construction.

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

Change Order No. 5 (part 2)

- 7013-7014 - payment per unit cost in the contract
- 7015 - deletion of item from the contract
- 7016 - payment per unit cost Change Order #4
- See attached Summary of Costs and Analysis for items 8006 - 8009.

C-2 – Justification for cost(s) Costs for change numbers 7013 - 7016 reflect existing contract or previous change order unit prices.

See attached Summary of Costs and Analysis for items 8006 - 8009.

D – ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .xxx	If Credit Add "CR"	Quantity .xxx	Amount .xx
7 014	0460, Driveway, PCC, 6 IN	50.000		128.500	6,425.000
7 015	0660, Flowers, as Per Plan	3,650.000		CR 1.000	<3,650.000>
7 016	7006 (CO#4), Std/SF PCC Pavement, CL C, CL 3, 7 IN	43.000		14.400	619.200
7					
7					
7	Subtotal from Page 2				3394.200
7	Subtotal from Page 1				17,264.850
TOTAL					20,659.050

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	If Credit, Add "CR"	Quantity .xxx	Amount .xx
8006	Mobilization, Erosion Control	2602-0010010		500.000		5	2,500.000
8007	STD/S-F PCC Pavement, CL C CL 3, Variable Thickness	2301-1033000		11,482.900		1	11,482.900
8008	Fence, Chain Link, 72" Height	2519-1002072		1,082.400		1	1,082.400
8009	Removal and Reinstallation of Fence, Chain Link	2519-4200020		6,061.000		1	6,061.000
8							
8							
8							
TOTAL							21,126.300