

**August 18, 2014**

**To: Mayor Bemrich and City Council**

**From: David Fierke, City Manager**

**Subject: 2013 Street Repair Project  
Approve Change Order #3 and Pay Estimate #3 Sub Final**



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**ACTION: For vote Monday, August 25, 2014**

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**Brief History**

The Engineering Department has prepared the plans and specifications for the 2013 Street Repair Project. The project includes a variety of maintenance work generally including slurry seal and asphalt overlays. On May 20, 2013 Council approved setting bid letting date to receive bids for this project on June 13, 2013 at 1:30 p.m. A public hearing was set to approve the plans and specifications, form of contract, and estimate of costs for June 24, 2013 at 6:00 p.m. The following responsive bid was received:

Contractor	Bid Amount
Fort Dodge Asphalt	\$929,942.94

Engineer's Estimate for this project is \$984,000.00. Council awarded a contract to Fort Dodge Asphalt on June 24, 2013.

Change Order #1 was approved to include repair of the intersection of 10<sup>th</sup> Avenue North and North 22<sup>nd</sup> Street and lane stripping that converted 6<sup>th</sup> Avenue North to a one-way east of 22<sup>nd</sup> Street and converted 10<sup>th</sup> Avenue North between 22<sup>nd</sup> and 29<sup>th</sup> Street. These changes were necessary to be accomplished ahead of the first day of school. Change Order #1 also includes the removal of unsuitable subbase and replacement of oversized modified subbase at 8<sup>th</sup> Ave. North. Change Order #1 results in an addition of \$61,773.47 to the contract.

Change Order #2 was necessary to adjust over/under-runs to the project quantities. The bulk of the monetary adjustments are from placing additional hot mix asphalt (HMA) at multiple locations throughout the 2013 Street Repair Project. The additional HMA was a 5% increase in the estimated quantity. Change Order #2 results in an addition of \$25,586.65 to the contract the Total Project Contract Price will be adjusted to \$1,017,303.06.

**Analysis of Issue**

Change Order #3 is necessary to execute a final balancing of the project quantities. Change Order #3 results in a deduction of \$9,711.46, bringing the Total Project Costs

to \$1,007,591.60. Pay Estimate #3 Sub-Final in the amount of \$75,843.53 is now due to Fort Dodge Asphalt.

**Budget Impact**

The project will be funded from Local Option Sales Tax.

**Strategic Plan Impact**

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

**Impact on Existing Plans**

None

**Committee Review / Recommendation**

This plan is consistent with all council presentation material.

**Staff Conclusions / Recommendations**

It is our recommendation to approve Change Order #3 a deduction to project costs of \$9,711.46. In addition it is recommended that Pay Estimate #3 Sub-final be approved in the amount of \$75,843.53 to Fort Dodge Asphalt.

**Alternatives**

None

**Implementation and Accountability**

The Engineering Department will be responsible for overseeing this project.

Signed

Approved



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Tony Trotter, P.E.  
Project Engineer

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David Fierke  
City Manager



Engineering Department  
 819 1st Avenue South  
 Fort Dodge, Iowa 50501  
 (515) 576-3601 Fax (515) 576-5270

# CHANGE ORDER # 3

To Contractor: Fort Dodge Asphalt

You are hereby ordered to make the following changes from the plans and specifications, or to do the following extra work on your contract. It being understood that your contract price will be adjusted as hereinafter set out.

Project Title	<b>2013 STREET REPAIR PROJECT</b>
FD Project Budget Code	<b>121.75.84040.426</b>
Change Order Number	<b>3</b>
Date Submitted	<b>8/18/14</b>

BID ITEMS					
Item No.	Description	Unit	Est. Qty	Unit Price	Total Price
12	SLURRY SEAL	SY	-1474.00	\$3.25	-\$4,790.50
13	MANHOLE ADJUSTMENT, MINOR	EA	-12.00	\$1,100.00	-\$13,200.00
18	LANE STRIPING	STA	268.80	\$30.80	\$8,279.04
<b>TOTAL</b>					<b>-\$9,711.46</b>

**Summary of Work**

This Change Order #3 is necessary to balance the quantities for the over and under-runs.

<b>Recommendation of Acceptance: City of Fort Dodge</b>	<b>Acceptance by Contractor: Fort Dodge Asphalt</b>
Signature:	Signature:
Name: <b>Chad W. Schaeffer</b>	Name:
Title: <b>City Engineer</b>	Title:
Date:	Date:
<b>Approval: City of Fort Dodge</b>	
Signature:	
Name:	
Title:	
Date:	



Engineering Department  
 819 1st Avenue South  
 Fort Dodge, Iowa 50501  
 (515) 576-3601 Fax (515) 576-5270

# PAY REQUEST

# # 3 Sub-Final

Contractor:

Fort Dodge Asphalt  
 2516 7th Avenue South  
 Fort Dodge, IA 50501

Project Title	<b>2013 STREET REPAIR PROJECT</b>	
Project ID	<b>2013-01-001</b>	
FD Budget Code(s)	<b>121.75.84040.426</b>	
Orig. Contract Amount & Date	<b>\$929,942.94</b>	<b>7/25/13</b>
Estimated Completion Date	<b>5/1/14</b>	
Pay Period	<b>December 1 2013 - August 1 2014</b>	
Pay Request Number	<b>3 Sub-Final</b>	
Date Submitted	<b>8/18/14</b>	

## BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Total Price	Quantity Completed	Value Completed
1	PAVEMENT REMOVAL - FULL DEPTH	SY	1407.20	\$7.75	\$10,905.80	1407.20	\$10,905.80
2	PAVEMENT REMOVAL - MILLING 2 IN.- 4 IN.	SY	30112.20	\$4.75	\$143,032.95	30112.20	\$143,032.95
3	PAVEMENT REMOVAL - PROFILE MILLING < 1 IN.	SY	533.00	\$3.00	\$1,599.00	533.00	\$1,599.00
4	CLASS 10 EXCAVATION	CY	256.00	\$25.00	\$6,400.00	256.00	\$6,400.00
5	SUBGRADE PREPARATION	SY	700.00	\$8.00	\$5,600.00	700.00	\$5,600.00
6	MODIFIED SUBBASE	TN	839.20	\$27.00	\$22,658.40	839.20	\$22,658.40
7	HMA (1M ESAL)	TN	5625.70	\$94.00	\$528,815.80	5625.70	\$528,815.80
8	INSTALL 30 IN. CURB & GUTTER	LF	1084.00	\$35.10	\$38,048.40	1045.00	\$36,679.50
9	PCC CROSSWALK BAND-REMOVE/REPLACE	SY	6.00	\$440.00	\$2,640.00	6.00	\$2,640.00
10	INSTALL SIDEWALK/DRIVEWAY, 4 IN.-6 IN., PCC	SY	58.20	\$65.00	\$3,783.00	58.20	\$3,783.00
11	DETECTABLE WARNING DEVISE	SF	16.00	\$33.00	\$528.00	16.00	\$528.00
12	SLURRY SEAL	SY	22999.00	\$3.25	\$74,746.75	21525.00	\$69,956.25
13	MANHOLE ADJUSTMENT, MINOR	EA	35.00	\$1,100.00	\$38,500.00	23.00	\$25,300.00
14	VALVE BOX ADJUSTMENT, MINOR	EA	1.00	\$400.00	\$400.00	1.00	\$400.00
15	SEEDING, FERTILIZING, MULCHING, EROSION CONTROL MATTING	SQ	76.00	\$200.00	\$15,200.00	57.00	\$11,400.00
16	REPLACE INTAKE, SW-501, SW-541 ~6 FT. DEEP	EA	3.00	\$4,345.00	\$13,035.00	3.00	\$13,035.00
17	REPLACE INTAKE TOP, SW-513	EA	1.00	\$2,530.00	\$2,530.00	1.00	\$2,530.00
18	LANE STRIPING	STA	274.80	\$30.80	\$8,463.84	0.00	\$0.00
19	LANE SYMBOLS	EA	12.00	\$88.00	\$1,056.00	0.00	\$0.00
20	TRAFFIC CONTROL	LS	1.00	\$12,000.00	\$12,000.00	1.00	\$12,000.00
CHANGE ORDER #1							
1	PAVEMENT REMOVAL - FULL DEPTH	SY	544.00	\$7.75	\$4,216.00	544	\$4,216.00
5	SUBGRADE PREPARATION	SY	544.00	\$8.00	\$4,352.00	544	\$4,352.00
6	MODIFIED SUBBASE 8"	TON	239.64	\$27.00	\$6,470.28	239.64	\$6,470.28
6A	MODIFIED SUBBASE (OVERSIDED CRUSHED HMA)	TON	345.75	\$27.00	\$9,335.25	345.75	\$9,335.25
7	HMA (1M ESAL)	TON	263.51	\$94.00	\$24,769.94	264	\$24,769.94
14	VALVE BOX ADJUSTINMENT, MINOR	EA	4.00	\$400.00	\$1,600.00	4	\$1,600.00
18	LANE STRIPING	STA	73.65	\$38.50	\$2,835.50	73.65	\$2,835.50
19	LANE SYMBOLS	EA	23.00	\$137.50	\$3,162.50	23.00	\$3,162.50
19A	PAVEMENT MARKINGS REMOVAL	STA	6.70	\$110.00	\$737.00	6.70	\$737.00
20	TRAFFIC CONTROL	LS	1.00	\$1,735.00	\$1,735.00	1.00	\$1,735.00
21	MOBILIZATION	LS	1.00	\$2,200.00	\$2,200.00	1.00	\$2,200.00
22	SAWCUTTING	LS	1.00	\$360.00	\$360.00	1.00	\$360.00
CHANGE ORDER #2							
4	CLASS 10 EXCAVATION	CY	136.00	\$25.00	\$3,400.00	136	\$3,400.00
5	SUBGRADE PREPARATION	SY	70.00	\$8.00	\$560.00	70	\$560.00
6	MODIFIED SUBBASE	TN	147.80	\$27.00	\$3,990.60	148	\$3,990.60
7	HMA (1M ESAL)	TN	281.41	\$94.00	\$26,452.54	281.41	\$26,452.54
8	INSTALL 30 IN. CURB & GUTTER	LF	-39.00	\$35.10	-\$1,368.90	0.00	\$0.00
10	INSTALL SIDEWALK/DRIVEWAY, 4 IN.-6 IN., PCC	SY	57.85	\$65.00	\$3,760.25	57.85	\$3,760.25
11	DETECTABLE WARNING DEVISE	SF	64.00	\$33.00	\$2,112.00	64.00	\$2,112.00
15	SEEDING, FERTILIZING, MULCHING, EROSION CONTROL MATTING	SQ	-19.00	\$200.00	-\$3,800.00	0.00	\$0.00
18	LANE STRIPING	STA	-274.80	\$30.80	-\$8,463.84	0.00	\$0.00
19	LANE SYMBOLS	EA	-12.00	\$88.00	-\$1,056.00	0.00	\$0.00
CHANGE ORDER #3							
12	SLURRY SEAL	SY	-1474.00	\$3.25	-\$4,790.50	0.00	\$0.00
13	MANHOLE ADJUSTMENT, MINOR	EA	-12.00	\$1,100.00	-\$13,200.00	0.00	\$0.00
18	LANE STRIPING	STA	268.80	\$30.80	\$8,279.04	268.80	\$8,279.04
<b>TOTAL</b>					<b>\$1,007,591.60</b>		<b>\$1,007,591.60</b>

		<b>Total Approved</b>	<b>Total Completed</b>
Original Contract Price		\$929,942.94	\$1,007,591.60
Change Order 1		\$61,773.47	
Change Order 2		\$25,586.65	
Change Order 3		-\$9,711.46	
Total Change Orders		\$77,648.66	
Percentage of Original Contract Price		8%	
Revised Contract Price		\$1,007,591.60	\$1,007,591.60
Materials Stored			\$0.00
Retainage (5%)			\$50,379.58
Total Earned Less Retainage			\$957,212.02
Total Previously Approved (list each)	Pay Request 1		\$638,376.62
	Pay Request 2		\$242,991.87
	Pay Request 3		
	Pay Request 4		
	Pay Request 5		
	Pay Request 6		
Total Previously Approved			\$881,368.49
		<b>Amount Due This Request</b>	<b>\$75,843.53</b>

<b>Recommendation of Acceptance: City of Fort Dodge</b>	<b>Acceptance by Contractor: Fort Dodge Asphalt</b>
Signature:	Signature:
Name: Chad W. Schaeffer, P.E.	Name:
Title: City Engineer	Title:
Date:	Date: