
MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR

FROM: JON LUTZ, CITY ENGINEER

SUBJECT: DAWSON STREET RECONSTRUCTION PROJECT
ACCEPT COMPLETED PROJECT

DATE: NOV 4, 2013

INTRODUCTION:

The City of Muscatine received bids on the Dawson Street Reconstruction Project on July 26th, 2013. All American Concrete submitted the low bid of \$195,607.52 and was awarded the contract on August 1, 2013. Construction is now completed and ready for acceptance.

BACKGROUND:

Construction began in August 2013 and proceeded through October 2013. Steve Dalbey performed inspection and administration for this project. No change orders were necessary. Quantity adjustments resulted in an increase of \$4,791.06 due to subgrade stabilization and minor pavement quantity increases for driveways and Highland Court intersections. The final construction cost is \$200,398.58.

The contractor completed the work on schedule before the completion date of November 1, 2013. Several residents commented on how the contractor worked diligently and made accommodations for access where feasible.

RECOMMENDATION/RATIONALE:

It is the City Engineer's recommendation to accept the completed improvements and issue final payment of \$19,893.01 with payment of 5% retainage in the amount of \$10,019.93 after 30 days.

ADDITIONAL INFORMATION:

1. Final pay application #4

RESOLUTION NO. _____

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER
DAWSON STREET RECONSTRUCTION PROJECT
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the Dawson Street Reconstruction Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with All American Concrete for \$195,607.52 with no change orders but with some quantity adjustments, for a total contract amount of \$200,398.58; and

WHEREAS, all work under the contract has been completed by All American Concrete and approved and accepted by the City Engineer and appears to meet the requirements of the Plans and Specifications heretofore adopted by this Council, as evidenced by the Project Engineer's Certificate; and

WHEREAS, the amount of \$170,485.64 has been previously paid to All American Concrete and a balance of \$29,912.94 including 5% retainage remains due and payable;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, that the City of Muscatine make immediate payment of \$19,893.01 to All American Concrete for completed and accepted work under the Dawson Street Reconstruction Project and thereafter make an additional payment of \$10,019.93 which represents 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 7th DAY OF NOVEMBER, 2013.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: _____
DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator

Application for Payment

DAWSON STREET RECONSTRUCTION PROJECT

City of Muscatine

City Project No.:	\$ 195,607.52	Application No.:	4
City Account No.:	4164.4164.73200	Application Period:	10/9/2013 to 10/27/2013
Contractor:	All American Concrete		

1. Original Contract Total	\$ 195,607.52
2. Net Change by Change Orders	
3. Other Quantity Adjustments	\$ 4,791.06
4. Current Contract Price (Line 1+2)	\$ 195,607.52
5. Work Completed to Date	\$ 200,398.58
6. Retainage (5% x Work Completed)	\$ 10,019.93
7. Total Less Retainage (Line 4-5)	\$ 190,378.65
8. Less Previous Payments	\$ 170,485.64
9. AMOUNT DUE THIS APPLICATION	\$ 19,893.01

CONTRACTOR'S CERTIFICATION:

Contractor certifies that to the best of Contractor's knowledge, information and belief, the Work covered by this Payment Application has been completed in accordance with the Contract Documents, that all amounts have been paid by Contractor for Work for which payments were issued and payments received from the City of Muscatine, and that the current payment applied herein is now due.

All American Concrete

By: _____ Date: _____

INSPECTOR'S CERTIFICATION

In accordance with the Contract Documents, based on on-site observations and the data comprising this Payment Application, the Inspector certifies to the City of Muscatine that to the best of the Inspector's knowledge, information, and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of Amount Certified.

AMOUNT CERTIFIED: \$ 19,893.01

By: _____ Date: _____

CITY APPROVAL

A Payment in the amount of: \$ 19,893.01

Is approved by:

By: _____ Date: _____

DAWSON STREET RECONSTRUCTION PROJECT - MUSCATINE, IOWA													
ITEM NO.	DESCRIPTION	BID QTY.	UNITS	UNIT PRICE	Pay Application #3 10/8/2013		Pay Application #4 10/27/2013		Totals				
					Qty.		Qty.		Quantity Completed	Total Paid	Quantity Remaining	Percent Completed	(Over)/Under \$
1	EXCAVATION, CL 10, ROADWAY AND BORROW (Plan Qty.)	1,263.0	CY	\$7.35	477.27	\$ 3,507.93	82.17	\$ 603.95	1,263.00	\$ 9,283.05	-	100.0%	\$ -
1A	EXCAVATION, CL 10, ROADWAY AND BORROW (Over-excav.)	265.0	CY	\$7.35		\$ -	9.32	\$ 68.50	250.05	\$ 1,837.87	14.93	94.4%	\$ 109.88
2	TOPSOIL, PLACE ONLY	224.0	CY	\$9.10	134.40	\$ 1,223.04	89.6	\$ 815.36	224.00	\$ 2,038.40	-	100.0%	\$ -
3	MODIFIED SUBBASE, PLACE ONLY (Plan Qty.)	790.0	CY	\$8.35	300.15	\$ 2,506.25	47.1	\$ 392.87	790.00	\$ 6,596.50	-	100.0%	\$ -
3A	MODIFIED SUBBASE, PLACE ONLY (Over-excavation)	212.0	CY	\$8.35		\$ -	9.32	\$ 77.82	250.05	\$ 2,087.92	(38.05)	117.9%	\$ (317.72)
4	RELOCATION OF MAILBOXES	9.0	EA	\$40.00	9	\$ 360.00		\$ -	9.00	\$ 360.00	-	100.0%	\$ -
5	STD/S-F PCC Pav't, CL C CL 3, 8" (Plan Quantity)	2,602.0	SY	\$35.20	1150.6	\$ 40,501.12		\$ -	2,602.00	\$ 91,590.40	-	100.0%	\$ -
5A	STD/S-F PCC Pav't, CL C CL 3, 8" (Additional Placed)	0	SY	\$35.20		\$ -		\$ -	28.74	\$ 1,011.65	(28.74)		\$ (1,011.65)
6	STD/S-F PCC Pav't, CL C CL 3, 9"	263.4	SY	\$44.20	148	\$ 6,541.60	115.4	\$ 5,100.68	263.40	\$ 11,642.28	-	100.0%	\$ -
7	INTAKE, SW-507	4.0	EA	\$3,400.00	2	\$ 6,800.00		\$ -	4.00	\$ 13,600.00	-	100.0%	\$ -
8	INTAKE, SW-508	1.0	EA	\$3,500.00	0.5	\$ 1,750.00	0.5	\$ 1,750.00	1.00	\$ 3,500.00	-	100.0%	\$ -
9	SUBDRAIN, LONGITUDINAL, (SHLD) 4"	1,640.0	LF	\$6.00	596	\$ 3,576.00	60	\$ 360.00	1,640.00	\$ 9,840.00	-	100.0%	\$ -
10	SUBDRAIN OUTLETS (RF-19C)	5.0	EA	\$110.00	3	\$ 330.00		\$ -	5.00	\$ 550.00	-	100.0%	\$ -
11	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 15"	120.0	LF	\$52.30	90	\$ 4,707.00		\$ -	120.00	\$ 6,276.00	-	100.0%	\$ -
12	REMOVE STORM SEWER PIPE LESS THAN 36"	104.0	LF	\$6.90	104	\$ 717.60		\$ -	104.00	\$ 717.60	-	100.0%	\$ -
13	REMOVAL OF PAVEMENT (Plan Quantity)	2,865.4	SY	\$5.80	1,019.4	\$ 5,912.52	247	\$ 1,432.60	2,865.40	\$ 16,619.30	-	100.0%	\$ -
13A	REMOVAL OF PAVEMENT (Additional Removed)	0	SY	\$5.80		\$ -		\$ -	28.74	\$ 166.69	(28.74)		\$ (166.69)
14	REMOVAL OF INTAKES & UTILITY ACCESSES	4.0	EA	\$295.00	2	\$ 590.00		\$ -	4.00	\$ 1,180.00	-	100.0%	\$ -
15	REMOVAL OF SIDEWALK (Plan Quantity)	12.0	SY	\$6.00	12	\$ 72.00		\$ -	12.00	\$ 72.00	-	100.0%	\$ -
15A	REMOVAL OF SIDEWALK (Additional Removed)	0	SY	\$6.00		\$ -	13.42	\$ 80.52	13.42	\$ 80.52	(13.42)		\$ (80.52)
16	SIDEWALK, PCC, 4" (Plan Quantity)	5.4	SY	\$46.80		\$ -	5.4	\$ 252.72	5.40	\$ 252.72	-	100.0%	\$ -
16A	SIDEWALK, PCC, 4" (Additional Placed)	0	SY	\$46.80		\$ -	13.42	\$ 628.06	13.42	\$ 628.06	(13.42)		\$ (628.06)
17	SIDEWALK, PCC, 6"	6.6	SY	\$45.80		\$ -	6.6	\$ 302.28	6.60	\$ 302.28	-	100.0%	\$ -
18	DETECTABLE WARNINGS	16.0	SF	\$33.00		\$ -	16	\$ 528.00	16.00	\$ 528.00	-	100.0%	\$ -
19	DRIVEWAY PCC 6" (Plan Quantity)	263.7	SY	\$36.60		\$ -	123.3	\$ 4,512.78	263.70	\$ 9,651.42	-	100.0%	\$ -
19A	DRIVEWAY PCC 6" (Additional Placed)	0	SY	\$36.60		\$ -	46.88	\$ 1,715.81	76.98	\$ 2,817.47	(76.98)		\$ (2,817.47)
20	REMOVAL OF PAVED DRIVEWAY (Plan Quantity)	263.7	SY	\$8.00	123.3	\$ 986.40		\$ -	263.70	\$ 2,109.60	-	100.0%	\$ -
20A	REMOVAL OF PAVED DRIVEWAY (Additional Removed)	0	SY	\$8.00		\$ -	46.88	\$ 375.04	76.98	\$ 615.84	(76.98)		\$ (615.84)
21	MOBILIZATION	1.0	LS	\$2,500.00		\$ -		\$ -	1.00	\$ 2,500.00	-	100.0%	\$ -
22	SOD	80.0	SQ	\$33.50		\$ -	58	\$ 1,943.00	58.00	\$ 1,943.00	22.00	72.5%	\$ 737.00
Total this Pay Application						\$ 80,081.47		\$ 20,940.01	Completed	\$ 200,398.58			\$ (4,791.06)
Retainage this Pay App						\$ 4,004.07		\$ 1,047.00	Retainage	\$ 10,019.93			
Owed this Pay Application						\$ 76,077.39		\$ 19,893.01	Owed/Paid	\$ 190,378.65			
						170,485.64		190,378.65	Cumulative Total Paid				

DAWSON STREET RECONSTRUCTION PROJECT - MUSCATINE, IOWA											Totals				
ITEM NO	DESCRIPTION	BID QTY.	UNITS	UNIT PRICE	Pay Application #1 Qty 9/9/2013	Pay Application #2 Qty 9/22/2013	Pay Application #3 Qty 10/8/2013	Pay Application #4 Qty 10/27/2013	Quantity Completed	Total Paid	Quantity Remaining				
1	EXCAVATION, CL 10, ROADWAY AND BORROW (Plan Qty)	1,263.0	CY	\$7.35	159.38	\$ 1,171.43	544.18	\$ 3,999.73	477.27	\$ 3,507.93	82.17	\$ 603.95	1,263.00	\$ 9,283.05	-
1A	EXCAVATION, CL 10, ROADWAY AND BORROW (Over-excav.)	265.0	CY	\$7.35	102.9	\$ 756.32	137.83	\$ 1,013.05		\$ -	9.32	\$ 68.50	250.05	\$ 1,837.87	14.95
2	TOPSOIL, PLACE ONLY	224.0	CY	\$9.10		\$ -		\$ -	134.40	\$ 1,223.04	89.6	\$ 815.36	224.00	\$ 2,038.40	-
3	MODIFIED SUBBASE, PLACE ONLY (Plan Qty.)	790.0	CY	\$8.35	99.69	\$ 832.42	343.11	\$ 2,864.96	300.15	\$ 2,506.25	47.1	\$ 392.87	790.00	\$ 6,596.50	-
3A	MODIFIED SUBBASE, PLACE ONLY (Over-excavation)	212.0	CY	\$8.35	102.9	\$ 859.22	137.83	\$ 1,150.88		\$ -	9.32	\$ 77.82	250.05	\$ 2,087.92	(38.05)
4	RELOCATION OF MAILBOXES	9.0	EA	\$40.00		\$ -		\$ -	9	\$ 360.00		\$ -	9.00	\$ 360.00	-
5	STD/S-F PCC Pavt, CL C CL 3, 8" (Plan Quantity)	2,602.0	SY	\$35.20		\$ -	1451.4	\$ 51,089.28	1150.6	\$ 40,501.12		\$ -	2,602.00	\$ 91,590.40	-
5A	STD/S-F PCC Pavt, CL C CL 3, 8" (Additional Placed)	0	SY	\$35.20		\$ -	28.74	\$ 1,011.65		\$ -		\$ -	28.74	\$ 1,011.65	(28.74)
6	STD/S-F PCC Pavt, CL C CL 3, 9"	263.4	SY	\$44.20		\$ -		\$ -	148	\$ 6,541.60	115.4	\$ 5,100.68	263.40	\$ 11,642.28	-
7	INTAKE, SW-507	4.0	EA	\$3,400.00		\$ -	2	\$ 6,800.00	2	\$ 6,800.00		\$ -	4.00	\$ 13,600.00	-
8	INTAKE, SW-508	1.0	EA	\$3,500.00		\$ -		\$ -	0.5	\$ 1,750.00	0.5	\$ 1,750.00	1.00	\$ 3,500.00	-
9	SUBDRAIN, LONGITUDINAL, (SHLD) 4"	1,640.0	LF	\$6.00	195	\$ 1,170.00	789	\$ 4,734.00	596	\$ 3,576.00	60	\$ 360.00	1,640.00	\$ 9,840.00	-
10	SUBDRAIN OUTLETS (RF-19C)	5.0	EA	\$110.00		\$ -	2	\$ 220.00	3	\$ 330.00		\$ -	5.00	\$ 550.00	-
11	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 15"	120.0	LF	\$52.30	30	\$ 1,569.00		\$ -	90	\$ 4,707.00		\$ -	120.00	\$ 6,276.00	-
12	REMOVE STORM SEWER PIPE LESS THAN 36"	104.0	LF	\$6.90		\$ -		\$ -	104	\$ 717.60		\$ -	104.00	\$ 717.60	-
13	REMOVAL OF PAVEMENT (Plan Quantity)	2,865.4	SY	\$5.80	361.59	\$ 2,097.20	1237.41	\$ 7,176.98	1,019.4	\$ 5,912.52	247	\$ 1,432.60	2,865.40	\$ 16,619.30	-
13A	REMOVAL OF PAVEMENT (Additional Removed)	0	SY	\$5.80	27.74	\$ 160.89	1	\$ 5.80		\$ -		\$ -	28.74	\$ 166.69	(28.74)
14	REMOVAL OF INTAKES & UTILITY ACCESSES	4.0	EA	\$295.00	2	\$ 590.00		\$ -	2	\$ 590.00		\$ -	4.00	\$ 1,180.00	-
15	REMOVAL OF SIDEWALK (Plan Quantity)	12.0	SY	\$6.00		\$ -		\$ -	12	\$ 72.00		\$ -	12.00	\$ 72.00	-
15A	REMOVAL OF SIDEWALK (Additional Removed)	0	SY	\$6.00		\$ -		\$ -		\$ -	13.42	\$ 80.52	13.42	\$ 80.52	(13.42)
16	SIDEWALK, PCC, 4" (Plan Quantity)	5.4	SY	\$46.80		\$ -		\$ -	5.4	\$ 252.72		\$ -	5.40	\$ 252.72	-
16A	SIDEWALK, PCC, 4" (Additional Placed)	0	SY	\$46.80		\$ -		\$ -		\$ -	13.42	\$ 628.06	13.42	\$ 628.06	(13.42)
17	SIDEWALK, PCC, 6"	6.6	SY	\$45.80		\$ -		\$ -	6.6	\$ 302.28		\$ -	6.60	\$ 302.28	-
18	DETECTABLE WARNINGS	16.0	SF	\$33.00		\$ -		\$ -	16	\$ 528.00		\$ -	16.00	\$ 528.00	-
19	DRIVEWAY PCC 6" (Plan Quantity)	263.7	SY	\$36.60		\$ -	140.4	\$ 5,138.64		\$ -	123.3	\$ 4,512.78	263.70	\$ 9,651.42	-
19A	DRIVEWAY PCC 6" (Additional Placed)	0	SY	\$36.60		\$ -	30.1	\$ 1,101.66		\$ -	46.88	\$ 1,715.81	76.98	\$ 2,817.47	(76.98)
20	REMOVAL OF PAVED DRIVEWAY (Plan Quantity)	263.7	SY	\$8.00		\$ -	140.4	\$ 1,123.20	123.3	\$ 986.40		\$ -	263.70	\$ 2,109.60	-
20A	REMOVAL OF PAVED DRIVEWAY (Additional Removed)	0	SY	\$8.00		\$ -	30.1	\$ 240.80		\$ -	46.88	\$ 375.04	76.98	\$ 615.84	(76.98)
21	MOBILIZATION	1.0	LS	\$2,500.00	0.25	\$ 625.00	0.75	\$ 1,875.00		\$ -		\$ -	1.00	\$ 2,500.00	-
22	SOD	80.0	SQ	\$33.50		\$ -		\$ -	58	\$ 1,943.00		\$ -	58.00	\$ 1,943.00	22.00
Total this Pay Application					\$ 9,831.47	\$ 89,545.64	\$ 80,081.47	\$ 20,940.01	Completed	\$ 200,398.58					
Retainage this Pay App					\$ 491.57	\$ 4,477.28	\$ 4,004.07	\$ 1,047.00	Retainage	\$ 10,019.93					
Owed this Pay Application					\$ 9,339.90	\$ 85,068.35	\$ 76,077.39	\$ 19,893.01	Owed/Paid	\$ 190,378.65					
					\$ 9,339.90	\$ 94,408.25	\$ 170,485.64	\$ 190,378.65	Cumulative Total Paid						

DAWSON STREET RECONSTRUCTION PROJECT - EXTRA WORK

Over-Excavation	Location	Station	Station	Length	Width	Depth	CY	
(in addition to 8" Plan qty.)	9/9 over-excavation	6+20	6+65	45	10	1	16.67	Pay App. #1
(in addition to 8" Plan qty.)	9/9 over-excavation	6+75	6+90	15	8	0.67	2.98	
(extra work)	+ 5.5 ft. at Highland Ct. (NE) intersection			5.5	28	0.67	3.82	
(extra work)	East end of Dawson			4.25	22.5	0.67	2.37	
(in addition to 8" Plan qty.)	Transition from plan qty. to over-exc.	6+90	7+10	20	17.5	0.4375	5.67	
(in addition to 8" Plan qty.)		7+10	8+28	118	17.5	0.875	66.92	
(in addition to 8" over-excavation)		7+10	7+70	60	3	0.67	4.47	
						Total	102.90	
(in addition to 8" Plan qty.)	width measured 1 foot inside forms	3+15 R	4+50 R	135	25	0.67	83.75	Pay App. #2
(in addition to 8" Plan qty.)	includes 2 ft. behind back of curb	4+50 R	6+20 R	170	25	0.33	51.94	
(in addition to 8" over-excavation)	area of 2806, south side			35	5	0.33	2.14	
						Total	137.83	

		total	design	Length	Width	Depth	CY	
Excavation and Backfill, Sidewalks & Driveways (in addition to the plan quantity)	2860 Highland Ct. - Driveway	14.5	7.4	7.1	18.1	0.33	1.57	Pay App. #4
	2807 Dawson - Driveway	14.5	8.1	6.4	10.2	0.33	0.80	
	2802 Highland Ct. - Driveway	14.5	10	4.5	17.7	0.33	0.97	
	2914 Dawson - Driveway	14.5	9	5.5	20	0.33	1.34	
	2906 Dawson - Driveway	14.5	11.2	3.3	20.2	0.33	0.81	
	2902 Dawson - Driveway	14.5	5	9.5	13.6	0.33	1.58	
	Garage (1301 Houser) - Driveway	14.5	9	5.5	21.1	0.33	1.42	
	Sidewalk, north side			16.7	4	0.33	0.82	
						Total	9.32	

Driveway Remove/Replace	Location			Length	Width		SY	
(in addition to plan quantity)	2860 Highland Ct. - Driveway			7	18.1		14.08	Pay App. #2
	2807 Dawson - Driveway			6.33	10.2		7.17	
	2802 Highland Ct. - Driveway			4.5	17.7		8.85	
		total	design			Total	30.10	
(in addition to plan quantity)	2914 Dawson - Driveway	14.5	9	5.5	20		12.22	Pay App. #4
	2906 Dawson - Driveway	14.5	11.2	3.3	20.2		7.41	
	2902 Dawson - Driveway	14.5	5	9.5	13.6		14.36	
	Garage (1301 Houser) - Driveway	14.5	9	5.5	21.1		12.89	
						Total	46.88	

Sidewalk Remove/Replace	Location			Length	Width		SY	
(in addition to plan quantity)	Sidewalk, north side			16.7	4		7.42	Pay App. #4
	Sidewalk, south side			13.5	4		6.00	
						Total	13.42	