



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

**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: December 31, 2012

RE: Cedar Street Culvert Extensions – Accept completed work

**INTRODUCTION:**

Construction plans and specifications for the Cedar Street Culvert Extensions were prepared by the City engineer. The project was bid on July 28, 2011. The City of Muscatine entered into an agreement with Sulzberger Excavating, Inc in the amount of \$544,652.40 on August 18<sup>th</sup>, 2011 for construction of culvert extensions, retaining walls storm sewer and other associated work. Construction began after the preconstruction conference on August 31, 2011. All work has been completed and the project is ready to close out.

**BACKGROUND:**

This street project was undertaken to provide the following:

1. Prepare roadway corridor for future paving.
2. Provide clear routes for utility relocation during the summer of 2012.
3. Accelerate the construction schedule while keeping Cedar Street open to traffic.
4. Reduce the amount of work during paving therefore minimizing road closure time.

Two change orders totaling \$8,090.50 were necessary to complete the project.

Change order 1 in the amount of \$5,225.00 included installation of 2 structural cross beams at the upstream Wood Creek Culvert Extension. Existing poor foundations discovered during construction required the culvert walls to be braced.

Change order 2 in the amount of \$2,865.50 included installation of tie bars between the existing and new culvert extension near Stonebrook.

Remaining bid item adjustments of -\$2,667.37 brings the total contract amount to \$550,075.53. The contractor has been paid \$522,571.70 for pay applications 1 through 11.

The City inspector Steve Dalbey and the City engineer have examined the work and verified all punch list items have been addressed.

Pay estimate #11 dated June 13<sup>th</sup>, 2012 is the final pay estimate. Standard 5% retainage of 27,503.83 was withheld.

**RECOMMENDATION/RATIONALE:**

It is the City Engineer's recommendation to accept the completed improvements and issue payment of 5% retainage in the amount of \$27,503.83 after 30 days.

**BACKUP INFORMATION:**

1. Pay Application 11

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER  
CEDAR STREET CULVERT EXTENSIONS  
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the Cedar Street Culvert Extensions Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with Sulzberger Excavating, Inc. for \$544,652.40 with two change orders, for a total contract amount of \$550,075.53; and

WHEREAS, all work under the contract has been completed by Sulzberger Excavating, Inc. 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 \$522,571.70 has been previously paid to Sulzberger Excavating, Inc. and a balance of \$27,503.83 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 \$-0- to Sulzberger Excavating, Inc. for completed and accepted work under the Cedar Street Culvert Extensions Project thereafter make an additional payment of \$27,503.83 which represents the 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 3<sup>rd</sup> DAY OF JANUARY, 2013.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: \_\_\_\_\_  
DeWayne M. Hopkins, Mayor

ATTEST:

\_\_\_\_\_  
Gregg Mandsager, City Clerk

**SULZBERGER EXCAVATING, INC.**  
**1500 SOUTH HOUSER STREET**  
**MUSCATINE, IA 52761-6149**  
**(563) 263-1697 Fax (563) 263-0522**

**INVOICE #: 54282**  
**INVOICE DATE: 06/13/12**  
**PERIOD TO: 06/13/12**  
**APPLICATION #: 11**  
**CONTRACT DATE:**  
**DUE DATE: 07/13/12**

**BILL TO: 101**  
**CITY OF MUSCATINE**  
**PUBLIC WORKS DEPARTMENT**  
**1459 WASHINGTON STREET**  
**MUSCATINE, IA 52761**

**JOB: 100113**  
**CEDAR ST CULVERT EXTENTIONS**

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**<<<< This Application >>>>**

CODE	DESCRIPTION	SCHEDULED VALUE	PREVIOUS APPLICATIONS	CURRENT COMPLETED	STORED MATERIALS	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH	RETAINAGE
540010	MOBILIZATION LS	38,700.00	38,700.00			38,700.00	100.0		1,935.00
540020	TRAFFIC CONTROL LS	2,600.00	2,600.00			2,600.00	100.0		130.00
540030	CL & GR 1.8AC@11000	19,800.00	19,800.00			19,800.00	100.0		990.00
540040	GRADING LS	125,500.00	125,500.00			125,500.00	100.0		6,275.00
540050	URB SEED .6AC@1800	1,080.00	1,260.00			1,260.00	116.7	-180.00	63.00
540060	RUR SEED 2.1AC@1800	3,780.00	3,600.00			3,600.00	95.2	180.00	180.00
540070	SILT FE 1704LF@2.50	4,260.00	3,217.50	1,042.50		4,260.00	100.0		213.02
540080	TV INSPECTION LS	1,400.00		1,400.00		1,400.00	100.0		70.00
540090	4" BALLAST 110TN@19	2,090.00					0.0	2,090.00	
540110	CONST SERVEY LS	8,850.00	8,850.00			8,850.00	100.0		442.51
540111	WA SERV ADJ 4@250	1,000.00	250.00			250.00	25.0	750.00	12.50
540210	STRUT CON 109CY@500	54,500.00	54,500.00			54,500.00	100.0		2,725.00
540220	REV ST E 125TN@50.40	6,300.00	6,599.38			6,599.38	104.8	-299.38	329.97
540230	1" BALL ST 67CY@24	1,608.00	1,608.00			1,608.00	100.0		80.40
540240	RAILING 160LF@110	17,600.00	15,620.00	1,980.00		17,600.00	100.0		880.00
540250	15" RCP 54LF@45.60	2,462.40	2,462.40			2,462.40	100.0		123.12
540260	15" RCP RF 1@811	811.00	811.00			811.00	100.0		40.55
540270	RA 48" MH 1@750	750.00	750.00			750.00	100.0		37.50
540280	R&R 4" SW 128SF@7	896.00	896.00			896.00	100.0		44.80
540310	PC 8X8 CUL 60LF@620	37,200.00	37,200.00			37,200.00	100.0		1,860.00
540320	STR CONC 25CY@700	17,500.00	17,500.00			17,500.00	100.0		875.00
540330	1" BALL ST 91CY@24	2,184.00	2,184.00			2,184.00	100.0		109.20
540340	REV ST E 260TN@50.40	13,104.00	13,153.39			13,153.39	100.4	-49.39	657.67
540350	36" RCP 29LF@128.50	3,726.50	3,726.50			3,726.50	100.0		186.33
540360	REM MH 1@250	250.00	250.00			250.00	100.0		12.50
540370	SS MH 6' DIA 1@5275	5,275.00	5,275.00			5,275.00	100.0		263.75
540380	SS MH 5' DIA 2@3250	6,500.00	6,500.00			6,500.00	100.0		325.00
540390	18" RCP 57LF@48	2,736.00	2,736.00			2,736.00	100.0		136.80
540391	18"RF-3 1@917.50	917.50	917.50			917.50	100.0		45.88
540410	STRU CONC 206CY@340	70,040.00	70,040.00			70,040.00	100.0		3,502.00
540420	SPEC BKFL 122CY@24.	2,928.00	2,928.00			2,928.00	100.0		146.40
540430	FIL SAND 430CY@15.25	6,557.50	6,557.50			6,557.50	100.0		327.88
540440	1" BALL ST 23CY@24	552.00	552.00			552.00	100.0		27.60
540450	24" RCP 236LF@49.	11,564.00	11,564.00			11,564.00	100.0		578.20
540460	18" RCP 256LF@37.50	9,600.00	11,100.00			11,100.00	115.6	-1,500.00	555.00
540470	15" RCP 97LF@36.50	3,540.50	2,482.00			2,482.00	70.1	1,058.50	124.10
540480	15" RF-3 1@811	811.00	811.00			811.00	100.0		40.55

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540490	24" RF- 3 1@1110	1,110.00	1,110.00			1,110.00	100.0		55.50
540491	SS MH 5" DIA 3@2850	8,550.00	8,550.00			8,550.00	100.0		427.50
540492	R 48" MH 1@750	750.00	750.00			750.00	100.0		37.50
540493	REV ST E 20TN@50.40	1,008.00	990.36			990.36	98.3	17.64	49.52
540494	SS SW507 3@2750	8,250.00	8,250.00			8,250.00	100.0		412.50
540495	RAILING 160LF@68	10,880.00	10,880.00			10,880.00	100.0		544.00
540496	PV REM 229SY@10	2,290.00	2,290.00			2,290.00	100.0		114.50
540497	7" PCC 247SY@63	15,561.00	15,561.00			15,561.00	100.0		778.05
540498	REL LAMP POLES LS	1,580.00	1,580.00			1,580.00	100.0		79.00
540499	WALL DRAINAGE LS	4,500.00	4,500.00			4,500.00	100.0		225.00
540500	REM & REP PLANTER LS	1,200.00		600.00		600.00	50.0	600.00	30.00
TOTALS:		544,652.40	536,962.53	5,022.50	0.00	541,985.03	99.5	2,667.37	27,099.30
C001	CONCRETE BEAMS	5,225.00	5,225.00			5,225.00	100.0		261.25
C002	STEEL DOWELS	2,865.50	2,865.50			2,865.50	100.0		143.28
TOTALS:		552,742.90	545,053.03	5,022.50	0.00	550,075.53	99.5	2,667.37	27,503.83

PREVIOUS RETAINAGE.....\$ 27,252.70  
 CURRENT BILLING.....\$ 5,022.50  
 NEW RETAINAGE.....\$ 251.13

ORIGINAL CONTRACT SUM.....\$ 544,652.40  
 CHANGE BY CHANGE ORDER.....\$ 8,090.50  
 CONTRACT SUM TO DATE.....\$ 552,742.90  
 TOTAL COMPLETED & STORED TO DATE.....\$ 550,075.53  
 TOTAL RETAINAGE.....\$ 27,503.83  
 TOTAL EARNED LESS RETAINAGE.....\$ 522,571.70  
 LESS PREVIOUS CERTIFICATES FOR PAYMENT..\$ 517,800.33

CONTRACTOR:  DATE: 6/13/12

ARCHITECT:  DATE: 6/13/12

CURRENT PAYMENT DUE.....\$ 4,771.37

**Thank you for your business!**