

DATE October 13, 2008

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR LEETOWN CREEKWAY WOODEN BOX REPLACEMENT - PHASE 4, VAN HAUEN & ASSOCIATES, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Jurisdictional Engineer, showing the cost of the construction of the Leetown Creekway Wooden Box Replacement - Phase 4, 08-2006-004, in accordance with the contract approved between Van Hauen & Associates, Inc., Mark Van Hauen, CEO/Vice President, 13185 Pineview Drive, PO Box 81456, Clive, IA 50325, under Roll Call No. 06-1825, of September 11, 2006, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$877,942.21 is the total cost, of which \$813,132.45 has been paid the Contractor, and \$20,912.65 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$43,897.11 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser.

BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such acceptance within which to initiate suit to collect on their claims, and that if suit is not commenced within that time, the City of Des Moines will be required to release the retainage which it is now holding.

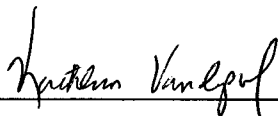
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

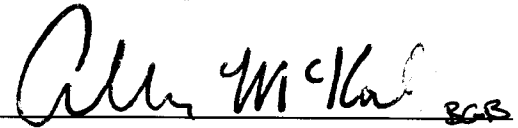
Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



Kathleen Vanderpool
Deputy City Attorney



Allen McKinley
Des Moines Finance Director

Funding Source: 2008-2009 CIP, Page Storm-13, Leetown Creekway - Wooden Box Replacement, STE064, Being: Storm Water Revenue Bonds

★ **Roll Call Number**

Agenda Item Number

13

DATE October 13, 2008

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VLASSIS				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

PROJECT SUMMARY

Leetown Creekway - Wooden Box Replac Ph4

Activity ID 08-2006-004

The replacement of the existing timber box culvert with a reinforced concrete box culvert. This culvert replacement project includes all labor, material, and equipment necessary to replace approximately 827 linear feet of existing 7 ft. x 4.5 ft. timber box culvert with a 10 ft. x 4 ft. reinforced concrete box culvert, along with the necessary clearing and grubbing; traffic control; PCC street, driveway, and sidewalk removal and replacement; storm sewer, manhole, and intake removal and replacement; sanitary sewer and sewer service removal and replacement; sanitary sewer manhole construction; fence removal and replacement; residential house structural support investigation and installation; garage removal; construction survey; sod restoration; and the fabrication, installation, and maintenance of a project sign; all in accordance with the contract documents including Plan File Nos. 464-141/157.

This culvert replacement project ties on to the recently installed reinforced concrete box culvert located south and west of the intersection of E. 27th Court and Kinsey Avenue, and continues northwesterly along the existing timber box culvert line to a point of connection to the existing reinforced concrete box culvert located south and west of the intersection of E. 27th Street and Easton Blvd.

Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	5/7/2007 Place an intake in the driveway over the newly constructed storm sewer.	Engineering	\$6,445.00
2	This final-out change order is to adjust the authorized quantities to those contracted.	Engineering	(\$53,502.79)
Original Contract Amount			\$925,000.00
Total Change Orders			(\$47,057.79)
Percent of Change Orders to Original Contract			-5.09%
Final Contract Amount			\$877,942.21

October 13, 2008

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Leetown Creekway Wooden Box Replacement - Phase 4, Van Hauen & Associates, Inc..

SYNOPSIS:

Approve the Jurisdictional Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$877,942.21 As-Built Contract Cost

Funding Source: 2008-2009 CIP, Page Storm-13, Leetown Creekway - Wooden Box Replacement, STE064, Being: Storm Water Revenue Bonds

CERTIFICATION OF COMPLETION:

On September 11, 2006, under Roll Call No. 06-1825, the City Council awarded a contract to Van Hauen & Associates, Inc., Mark Van Hauen, CEO/Vice President, 13185 Pineview Drive, PO Box 81456, Clive, IA 50325 for the construction of the following improvement:

Leetown Creekway Wooden Box Replacement - Phase 4, 08-2006-004

The improvement includes replacement of the existing timber box culvert with a reinforced concrete box culvert including all labor, material, and equipment necessary to replace approximately 827 linear feet of existing 7 ft. x 4.5 ft. timber box culvert with a 10 ft. x 4 ft. reinforced concrete box culvert, along with the necessary clearing and grubbing; traffic control; PCC street, driveway, and sidewalk removal and replacement; storm sewer, manhole, and intake removal and replacement; sanitary sewer and sewer service removal and replacement; sanitary sewer manhole construction; fence removal and replacement; residential house structural support investigation and installation; garage removal; construction survey; sod restoration; all in accordance with the contract documents including Plan File Nos. 464-141/157 from the existing reinforced concrete box culvert located south and west of the intersection of E. 27th Court and Kinsey Avenue, northwesterly along the existing timber box culvert line to the existing reinforced concrete box culvert located south and west of the intersection of E. 27th Street and Easton Boulevard, Des Moines, Iowa



ENGINEERING DEPARTMENT
CITY HALL
400 ROBERT D. RAY DRIVE
DES MOINES, IOWA 50309-1891
(515) 283-4920
FAX (515) 283-4112

ALL-AMERICA CITY
1949, 1978, 1981
2003

I hereby certify that the construction of said Leetown Creekway Wooden Box Replacement - Phase 4, Activity ID 08-2006-004, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on October 16, 2006, and was completed on October 7, 2008.

I further certify that \$877,942.21 is the total cost of said improvement, of which \$813,132.45 has been paid the Contractor and \$20,912.65 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$43,897.11 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser. The amount of completed work is shown on the attached Estimate of Construction Completed.



Jeb E. Brewer, P.E.
Des Moines City Engineer



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 7/1/07 to 8/15/08
PARTIAL PAYMENT NO. 5

Proj No: STE064
Activity ID: 08-2006-004
Date: 10/3/08

PROJECT: Leetown Creekway Wooden Box Replacement - Phase 4
CONTRACTOR: Van Hauen & Associates

BID ITEM NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Mobilization	LS	1.00	1.00	1.00	\$35,000.00
2	Clearing	Dia-in.	272.00	272.00	272.00	\$17,680.00
3	Grubbing, Greater than 6" Dia.	Dia-in.	272.00	272.00	272.00	\$17,680.00
4	Grubbing, Less than 6" Dia.	LS	1.00	1.00	1.00	\$10,000.00
5	Core Out Excavation	CY	500.00	0.00	0.00	\$0.00
6	Traffic Control	LS	1.00	1.00	1.00	\$8,500.00
7	PCC Driveway Removal	SY	545.00	424.04	424.04	\$2,120.20
8	Pavement Removal	SY	923.00	766.00	766.00	\$3,830.00
9	PCC Sidewalk Removal	SY	110.00	73.45	73.45	\$367.25
10	Drill and Dowel Pavement	LF	403.00	410.50	410.50	\$2,873.50
11	Subgrade Preparation	SY	1,080.00	906.46	906.46	\$4,532.30
12	Pavement, Non-Reinforced PCC Class C, 7"	SY	923.00	841.80	841.80	\$42,090.00
13	Pavement Reinforcing Steel	SY	653.00	841.80	841.80	\$12,627.00
14	Driveway, 6" PCC	SY	545.00	533.34	533.34	\$23,466.96
15	Sidewalk, 4" PCC	SY	110.00	77.66	77.66	\$2,718.10
16	Granular Surfacing, Class A Crushed Stone	Tons	140.00	233.89	233.89	\$5,847.25
17	Removal of Existing Timber Box Culvert	LF	823.00	833.00	833.00	\$29,155.00
18	Trench Bottom Stabilization	CY	500.00	13.33	13.33	\$66.65
19	Granular Backfill	CY	500.00	0.00	0.00	\$0.00
20	Removal, 8" Storm Sewer	LF	11.00	0.00	0.00	\$0.00
21	Removal, 15" Storm Sewer	LF	137.00	154.00	154.00	\$1,540.00
22	Removal, 24" Storm Sewer	LF	120.00	106.00	106.00	\$1,590.00
23	Remove, Storm Sewer Intake	EA	4.00	3.00	3.00	\$1,500.00
24	Remove, Storm Sewer Intake	EA	4.00	1.00	1.00	\$500.00
25	10' x 4' Reinforced Concrete Box Culvert	LF	827.00	844.00	844.00	\$449,008.00
26	Storm Sewer, PVC, 8"	LF	6.00	0.00	0.00	\$0.00
27	Storm Sewer, 2000D, 15"	LF	12.00	32.00	32.00	\$3,200.00
28	Storm Sewer, 2000D, 18"	LF	30.00	40.00	40.00	\$6,000.00
29	Storm Sewer, 2000D, 24"	LF	101.00	76.00	76.00	\$13,300.00
30	Storm Sewer, 2000D, 30"	LF	93.00	70.00	70.00	\$14,000.00
31	Storm Sewer Connection to RCB	EA	6.00	0.00	0.00	\$0.00
32	Box Culvert Connection Removal - E. 27th Court	LS	1.00	1.00	1.00	\$7,500.00

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BID ITEM NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
33	Box Culvert Connection Removal - Easton Blvd.	LS	1.00	1.00	1.00	\$7,500.00	\$7,500.00	
34	Intake, Type M-C	EA	2.00	2.00	2.00	\$2,000.00	\$4,000.00	
35	Intake, Type M-E	EA	2.00	2.00	2.00	\$2,500.00	\$5,000.00	
36	Manhole, Type M-C	EA	2.00	1.00	1.00	\$3,300.00	\$3,300.00	
37	Manhole, Modified M-E	EA	3.00	3.00	3.00	\$1,500.00	\$4,500.00	
38	Modified "RCP Area" Intake	EA	2.00	2.00	2.00	\$1,000.00	\$2,000.00	
39	Water Services	LF	170.00	106.00	106.00	\$35.00	\$3,710.00	
40	Sanitary Sewer Removal	LF	33.00	36.00	36.00	\$10.00	\$360.00	
41	Sanitary Sewer, 10" PVC	LF	127.00	130.50	130.50	\$100.00	\$13,050.00	
42	Sewer Pipe Supports	EA	8.00	0.00	0.00	\$250.00	\$0.00	
43	Manhole, Type I Sanitary Sewer	EA	2.00	2.00	2.00	\$4,000.00	\$8,000.00	
44	Sanitary Sewer Service	LF	140.00	87.00	87.00	\$50.00	\$4,350.00	
45	Fence Removal and Replacement	LF	550.00	275.80	275.80	\$19.00	\$5,240.20	
46	Temporary Fence	LF	161.00	207.00	207.00	\$10.00	\$2,070.00	
47	Sodding	SQ	533.00	412.08	412.08	\$60.00	\$24,724.80	
48	Silt Fence (Install and Remove)	LF	200.00	0.00	0.00	\$2.00	\$0.00	
49	Emergency Trench Connection	EA	10.00	0.00	0.00	\$1,500.00	\$0.00	
50	Structural Support Investigation	LS	1.00	1.00	1.00	\$10,000.00	\$10,000.00	
51	Structural Support Installation	EA	4.00	2.00	2.00	\$2,500.00	\$5,000.00	
52	Water Main Lowering	EA	4.00	4.00	4.00	\$6,000.00	\$24,000.00	
53	Erosion Control	LS	1.00	1.00	1.00	\$15,000.00	\$15,000.00	
54	Project Sign	LS	1.00	1.00	1.00	\$1,000.00	\$1,000.00	
55	Construction Survey	LS	1.00	1.00	1.00	\$9,000.00	\$9,000.00	
56	Removal of Existing Garage	LS	1.00	1.00	1.00	\$3,000.00	\$3,000.00	
1.01	Driveway Intake	LS	1.00	1.00	1.00	\$6,445.00	\$6,445.00	
	TOTAL CONTRACT AMOUNT		\$925,000.00					
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS (#1 & #2)		\$877,942.21					
	PARTIAL PAYMENT #1		\$114,380.47					
	PARTIAL PAYMENT #2		\$500,401.67					
	PARTIAL PAYMENT #3		\$149,678.96					
	PARTIAL PAYMENT #4		\$48,671.35					
	THIS PARTIAL PAYMENT		\$20,912.65					
	TOTAL PARTIAL PAYMENTS		\$834,045.10					
	BALANCE		\$43,897.11					
	TOTAL						\$877,942.21	
	RETAINAGE						\$43,897.11	
	TOTAL LESS RETAINAGE						\$834,045.10	
	LESS PREVIOUS PAYMENT						\$813,132.45	
	AMOUNT DUE						\$20,912.65	

Contractor

PREPARED BY: *[Signature]* 10-3-08
 CHECKED BY: *[Signature]* 0-7-6, 2008

PARTIAL PAYMENT NO. 5

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