



Roll Call Number

Agenda Item Number

10B

DATE April 26, 2010

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR INGERSOLL RUN STORM SEWER - 34TH STREET TO 35TH STREET, 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 Ingersoll Run Storm Sewer - 34th Street to 35th Street, 08-2007-006, in accordance with the contract approved between Van Hauen & Associates, Inc., Brian Tancos, President, 1205 SW 37th Street, Grimes, IA 50111, under Roll Call No. 08-528, of March 24, 2008, 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 \$642,234.44 is the total cost, of which \$605,942.72 has been paid the Contractor, and \$4,180.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$32,111.72 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code chapter 573.

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:

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Allen McKinley
Des Moines Finance Director

Funding Source: 2010-2011 CIP, Page Sanitary-5, City-wide Sanitary Sewers, SAE054, Various Funding, Being: 50% in Sanitary Sewer Funds from SAE054, and 50% in Storm Water Utility Funds from STE057, Page Storm Water-5, City-Wide Storm Water Utility Projects

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, COLEMAN, GREISS, HENSLEY, MAHAFFEY, MEYER, MOORE, TOTAL, MOTION CARRIED, APPROVED.

CERTIFICATE

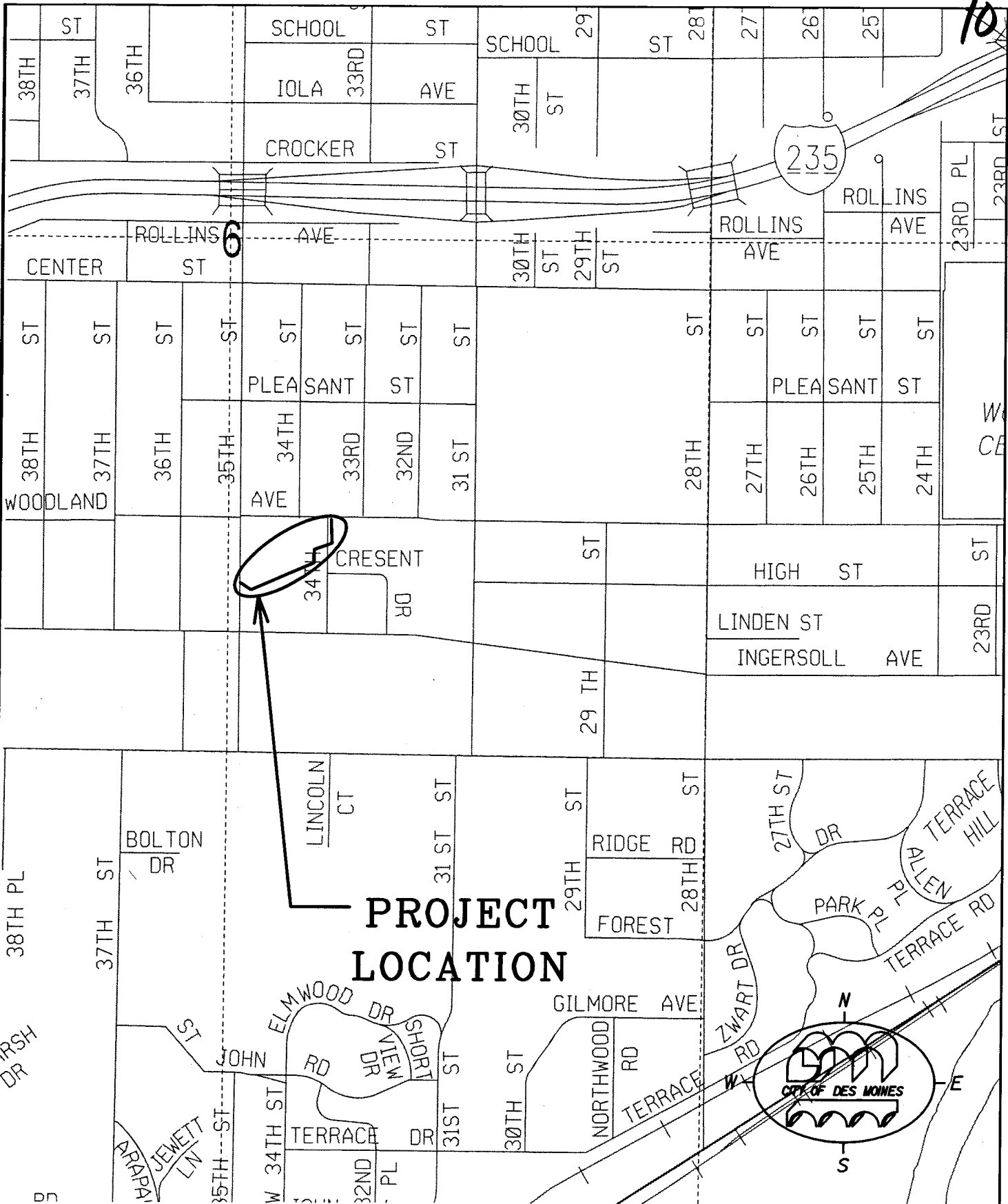
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

Mayor

City Clerk

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**PROJECT
LOCATION**

**INGERSOLL RUN STORM SEWER
34TH STREET TO 35TH STREET
ACTIVITY I.D. 08-2007-006**

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PROJECT SUMMARY

Ingersoll Run Storm Sewer-34th to 35th

Activity ID 08-2007-006

On March 24, 2008, under Roll Call 08-528, the City Council awarded the contract for the above improvements to Van Hauen & Associates, Inc. in the amount of \$588,000.00, for the construction of of a 6'x6' box culvert, intakes, manholes, special structure, and street paving; located from 34th Street to 35th Street, between Ingersoll Avenue and Woodland Avenue.

Tabulated below is a history of project change orders.

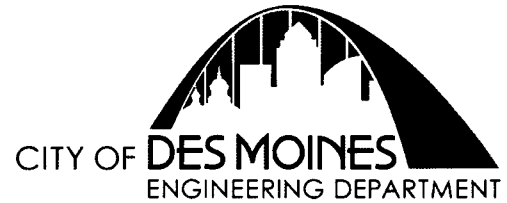
<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	4/22/2008 Relocate Special Structure No. 4 to avoid conflict with Dahl's retaining wall.	Consultant	\$0.00
2	8/27/2008 10" PCC Pavement for truck deliveries	Engineering	\$24,374.00
3	9/4/2008 7" PCC Pavement for residential paving transition.	Engineering	\$16,240.00
4	9/22/2008 Miscel. Sidewalk, driveway, manhole, and plumbing work for paving.	Engineering	\$18,293.00
5	9/22/2008 Chain link fence removal and replacement	Consultant	\$8,250.00
6	12/1/2008 PCC Pavement, 8", Ingersoll Ave. entrance	Contractor	(\$24,824.00)
7	4/12/2010 Adjust contract quantities to final asbuilt quantities.	Engineering	\$11,901.44

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<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
	Original Contract Amount		\$588,000.00
	Total Change Orders		\$54,234.44
	Percent of Change Orders to Original Contract		9.22%
	Final Contract Amount		\$642,234.44

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April 26, 2010



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Ingersoll Run Storm Sewer - 34th Street to 35th Street, 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: \$642,234.44 As-Built Contract Cost

Funding Source: 2010-2011 CIP, Page Sanitary-5, City-wide Sanitary Sewers, SAE054, Various Funding, Being: 50% in Sanitary Sewer Funds from SAE054, and 50% in Storm Water Utility Funds from STE057, Page Storm Water-5, City-Wide Storm Water Utility Projects

CERTIFICATION OF COMPLETION:

On March 24, 2008, under Roll Call No. 08-528, the City Council awarded a contract to Van Hauen & Associates, Inc., Brian Tancos, President, 1205 SW 37th Street, Grimes, IA 50111 for the construction of the following improvement:

Ingersoll Run Storm Sewer - 34th Street to 35th Street, 08-2007-006

The improvement includes construction of 6' x 6' reinforced concrete box culvert, 12" and 15" storm sewer, storm manholes, storm intakes, special structure, 8" PCC pavement, 7" and 8" PCC driveways, 4" and 6" PCC sidewalk, 6" water main relocation, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 479-139/149, and located from 34th Street to 35th Street, between Ingersoll Avenue and Woodland Avenue, Des Moines, Iowa

I hereby certify that the construction of said Ingersoll Run Storm Sewer - 34th Street to 35th Street, Activity ID 08-2007-006, 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 April 14, 2008, and was completed on April 19, 2010.

I further certify that \$642,234.44 is the total cost of said improvement, of which \$605,942.72 has been paid the Contractor and \$4,180.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$32,111.72 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code chapter 573. 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 1/29/10 to 4/1/10
PARTIAL PAYMENT NO. 8 (Final)

Proj No:
Activity ID: 08-2007-006
Date: 4/1/10




PROJECT: INGERSOLL RUN STORM SEWER - 34TH STREET TO 35TH STREET
CONTRACTOR: VAN HAUEN & ASSOCIATES, INC.

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Project Sign	LS	1.000	1.000	1.000	\$500.00
2	Mobilization	LS	1.000	1.000	1.000	\$22,370.00
3	Traffic Control	LS	1.000	1.000	1.000	\$2,200.00
4	Pavement Removal / Disposition	SY	2,844.000	2,839.800	2,839.800	\$7.00
5	Sidewalk, Driveway, Removal / Disposition	SY	398.000	312.600	312.600	\$5.00
6	Subgrade Preparation	SY	2,082.000	2,331.100	2,331.100	\$8.00
7	Subgrade Treatment, Flyash, 6% by Weight	SY	612.000	0.000		\$6.00
8	PCC Pavement, 8"	SY	1,838.000	941.200	941.200	\$49.00
9	PCC Driveway, 7" Type A	SY	25.000	27.200	27.200	\$36.00
10	PCC Driveway, 8" Commercial, M-4 Mix	SY	93.000	78.200	78.200	\$39.00
11	PCC Sidewalk, 4"	SY	76.000	484.830	484.830	\$26.00
12	PCC Sidewalk, 6"	SY	213.000	145.000	145.000	\$29.00
13	Storm Sewer, 12" DI Class 350	LF	12.000	12.000	12.000	\$130.00
14	Storm Sewer, 12" PVC AWWA C900	LF	22.000	0.000		\$75.00
15	Storm Sewer, 15" Class 3 RCP	LF	19.000	19.000	19.000	\$90.00
16	Storm Sewer, 6' x 6' RCBC	LF	695.000	696.000	696.000	\$350.00
17	Bulkhead	EA	3.000	3.000	3.000	\$1,100.00
18	Storm Manhole, Type M-D, MOD 48"	EA	4.000	4.000	4.000	\$2,100.00
19	Special Structure 4	EA	1.000	1.000	1.000	\$40,000.00
20	Intake, Type M-D	EA	1.000	2.000	2.000	\$3,200.00
21	Intake, RA-43	EA	1.000	1.000	1.000	\$4,400.00
22	Manhole Removal, Storm	EA	1.000	1.000	1.000	\$500.00
23	Intake Removal	EA	2.000	2.000	2.000	\$500.00
24	Remove Storm / Sanitary Pipe	LF	170.000	170.000	170.000	\$6.00
25	6" Water Main Relocation Location No. 1	EA	1.000	1.000	1.000	\$7,000.00
26	Water Service Relocation, 1"	EA	4.000	4.000	4.000	\$2,000.00
27	Temporary Granular Surfacing Material	TON	120.000	0.000		\$20.00
28	Clearing and Grubbing	LS	1.000	1.000	1.000	\$500.00
29	Sodding	SQ	57.000	39.500	39.500	\$43.00
30	Construction Staking	LS	1.000	1.000	1.000	\$3,000.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
31	Erosion Control	LS	1.000	1.000	1.000	\$1,800.00
32	Pipe Bedding Material Trench Backfill	CY	2,350.000	1,590.000	1,590.000	\$39,750.00
33	Modified Subbase	TON	410.000	663.970	663.970	\$18,591.16
34	HMA Millings, 2"	SY	278.000	0.000		\$0.00
35	2' PCC Curb and Gutter, 7" Thick	LF	187.000	0.000		\$0.00
36	HMA Overlay	TON	30.000	0.000		\$0.00
37	Raised Domed-Sidewalk	SF	64.000	64.000	64.000	\$1,984.00
1.01	Special Structure No. 4 relocation	LS		1.000	1.000	\$0.00
2.01	PCC Pavement, 10"	SY		0.000	0.000	\$0.00
3.01	PCC Pavement, 7"	SY		0.000	0.000	\$0.00
4.01	8" HMA Parking Lot	TON		0.000	0.000	\$0.00
4.02	Combined Sidewalk / Retaining Wall	LF		110.000	110.000	\$12,100.00
4.03	Replace Manhole Castings	EA		2.000	2.000	\$2,400.00
4.04	New Water Meter Pit and Service Modification	LS		1.000	1.000	\$9,000.00
4.05	Replace Landscaping Stone	LS		0.000	0.000	\$0.00
5.01	7-foot chain link fence with barbs and privacy	LF		120.000	120.000	\$5,760.00
5.02	7-foot chain link fence with 3 barbs on top	LF		54.000	54.000	\$1,620.00
5.03	Removal of existing 6-foot chain link fence	LF		174.000	174.000	\$870.00
6.01	PCC Pavement, 8", Ingersoll Ave. entrance	SY		1,256.000	1,256.000	\$84,152.00
	Change Order No. 7-Adjust Final Quantities					
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$642,234.44			
	THIS PARTIAL PAYMENT		\$4,180.00			
	PARTIAL PAYMENT NO. 1		\$131,339.88			
	PARTIAL PAYMENT NO. 2		\$121,844.62			
	PARTIAL PAYMENT NO. 3		\$193,812.60			
	PARTIAL PAYMENT NO. 4		\$26,322.50			
	PARTIAL PAYMENT NO. 5		\$94,856.08			
	PARTIAL PAYMENT NO. 6		\$32,727.50			
	PARTIAL PAYMENT NO. 7		\$5,039.54			
	TOTAL PARTIAL PAYMENTS		\$610,122.72			
	BALANCE		\$32,111.72			
	TOTAL					\$642,234.44
	RETAINAGE					\$32,111.72
	TOTAL LESS RETAINAGE					\$610,122.72
	LESS PREVIOUS PAYMENT					\$605,942.72
	AMOUNT DUE					\$4,180.00

PREPARED BY: 
 CHECKED BY: 

 Van Hauen & Associates, Inc.

PARTIAL PAYMENT NO. 8 (Final)