



Roll Call Number

Agenda Item Number

13

DATE May 24, 2010

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR BELL AVENUE PAVING - DRUID HILL DRIVE EAST TO DEAD END, STERNQUIST CONSTRUCTION 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 Bell Avenue Paving - Druid Hill Drive East to Dead End, 06-2009-010, in accordance with the contract approved between Sternquist Construction Inc., Britt Sternquist, President, 1110 N 14th Street, Indianola, IA 50125, under Roll Call No. 09-1496, of August 10, 2009, 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 \$362,445.13 is the total cost, of which \$344,322.87 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$18,122.26 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:

[Signature of Kathleen Vanderpool]

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

[Signature of Allen McKinley]

Allen McKinley
Des Moines Finance Director

Funding Source: 2010-2011 CIP, Page Street-9, City-wide Paving Program, STR013, Being: \$25,470 from Special Assessments against benefited property owners and \$336,975.13 in G. O. Bonds

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

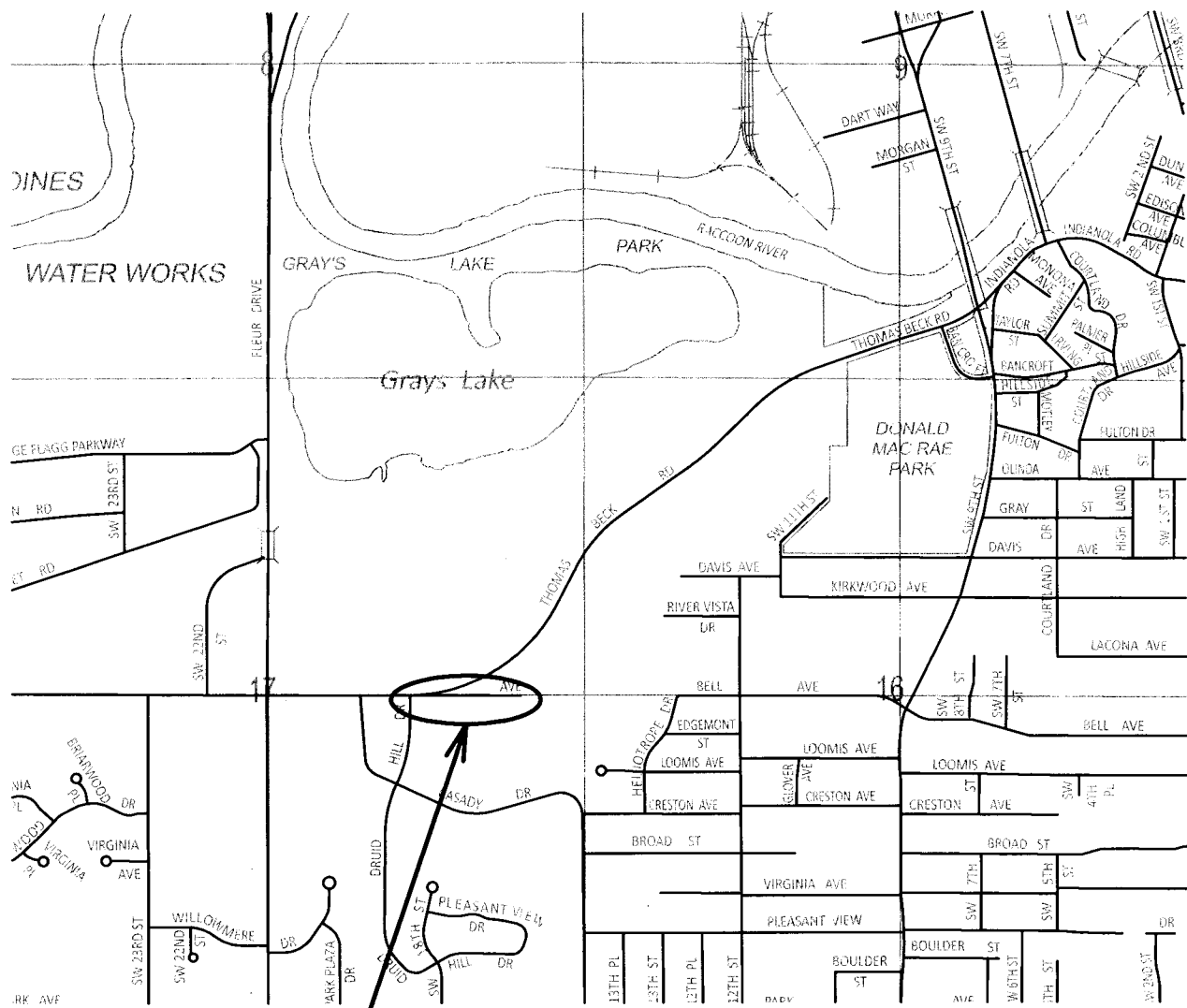
CERTIFICATE

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.

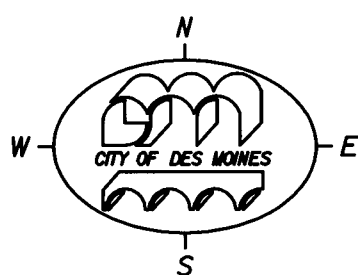
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk



**PROJECT
LOCATION**



**BELL AVENUE PAVING
DRUID HILL DRIVE EAST TO DEAD END
ACTIVITY I.D. 06-2009-010**

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PROJECT SUMMARY

Bell Avenue Paving Activity ID 06-2009-010

On April 22, 2008, under Roll Call No. 08-831, the City Council awarded the contract for the Bell Avenue Paving Project to Sternquist Construction, Inc. The paving program includes storm sewer, street paving, drive approaches, and surface restoration on the following streets:

Bell Avenue from Druid Hill Drive east to dead end.

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	9/25/2009 The Contractor restacked the existing wall in lieu of removing the wall and grading the area out. Additional manholes were required to be installed to avoid water main conflicts.	Engineering	\$6,580.00
2	12/2/2009 The Contractor over excavated an area, installed geogrid, and placed additional rock to stabilize the subgrade. Additional subdrains were added to dry the area and to keep the permanent paving subgrade well drained. Adjust contract quantities to match as-built quantities.	Engineering	\$21,155.53
3	5/14/2010 Adjust contract quantities to match as-built quantities. Contractor also constructed full depth Pavement Patches along an adjacent street.	Engineering	\$477.15
Original Contract Amount			\$334,232.45
Total Change Orders			\$28,212.68
Percent of Change Orders to Original Contract			8.44%
Final Contract Amount			\$362,445.13 ✓

May 24, 2010



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Bell Avenue Paving - Druid Hill Drive East to Dead End, Sternquist Construction 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: \$362,445.13 As-Built Contract Cost

Funding Source: 2010-2011 CIP, Page Street-9, City-wide Paving Program, STR013, Being: \$25,470 from Special Assessments against benefited property owners and \$336,975.13 in G. O. Bonds

CERTIFICATION OF COMPLETION:

On August 10, 2009, under Roll Call No. 09-1496, the City Council awarded a contract to Sternquist Construction Inc., Britt Sternquist, President, 1110 N 14th Street, Indianola, IA 50125 for the construction of the following improvement:

Bell Avenue Paving - Druid Hill Drive East to Dead End, 06-2009-010

The improvement includes construction of street paving twenty-six (26) feet wide B/B with Portland Cement Concrete six (6) inches thick with integral curb, pavement removal, storm sewer, subdrains, water services, driveways, retaining walls, together with the necessary surface restoration on Bell Avenue from Druid Hill Drive east to Dead End, Activity ID 06-2009-010, Schedule No. 2009-01

I hereby certify that the construction of said Bell Avenue Paving - Druid Hill Drive East to Dead End, Activity ID 06-2009-010, 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 August 24, 2009, and was completed on May 15, 2010.

I further certify that \$362,445.13 is the total cost of said improvement, of which \$344,322.87 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$18,122.26 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 05/03/10 to 5/05/10
FINAL PAYMENT (PAYMENT NO. 6)

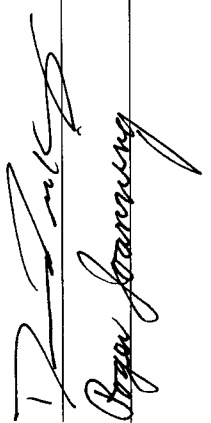
Proj No: **06-2009-010**
Activity ID: **06-2009-010**
Date: **05/17/10**

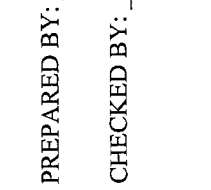
PROJECT: BELL AVENUE PAVING
CONTRACTOR: STERNQUIST CONSTRUCTION

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Clearing, Tree	IN	45.0	45.000	45.0	\$1,125.00
2	Subgrade Preparation	SY	3,460.0	3,460.000	3,460.0	\$6,920.00
3	Class 10 Excavation	CY	1,825.0	1,921.300	1,921.3	\$23,055.60
4	Modified Subbase	TON	975.0	1,167.000	1,167.0	\$30,342.00
5	Temporary Surfacing	TON	30.0	60.400	60.4	\$1,510.00
6	Removal of Guardrail	LF	438.0	438.000	438.0	\$2,190.00
7	Pavement Removal	SY	370.0	370.000	370.0	\$2,220.00
8	Driveway Removal	SY	257.4	272.700	272.7	\$2,249.78
9	Full Width Pavement, PCC Section	SY	2,870.0	2,912.900	2,912.9	\$104,864.40
10	Driveway, 6" PCC	SY	311.7	319.600	319.6	\$9,588.00
11	HMA Commercial Mix	TON	50.0	50.000	50.0	\$8,500.00
12	Revetment, Class D	TON	15.0	20.600	20.6	\$1,030.00
13	Remove Existing Storm Sewer	LF	253.0	125.000	125.0	\$1,250.00
14	15" RCP, Class III Storm Sewer	LF	324.3	298.000	298.0	\$19,221.00
15	18" RCP, Class III Storm Sewer	LF	133.2	162.400	162.4	\$10,799.60
16	24" RCP, Class III Storm Sewer	LF	139.5	132.000	132.0	\$9,834.00
17	24" RCP Apron	EA	1.0	1.000	1.0	\$1,390.00
18	Intake, Type M-A	EA	7.0	8.000	8.0	\$12,560.00
19	Intake, Type M-B	EA	2.0	0.000	0.0	\$0.00
20	Intake, Type M-G	EA	2.0	2.000	2.0	\$5,550.00
21	M-A Manhole, Storm Sewer	EA	1.0	3.000	3.0	\$9,150.00
22	Subdrain	LF	930.0	1,462.400	1,462.4	\$24,860.80
23	Subdrain Outlet	EACH	4.0	7.000	7.0	\$700.00
24	Curb & Gutter Replacement	LF	87.0	87.000	87.0	\$2,610.00
25	Water Service Depth Check	EACH	3.0	12.000	12.0	\$3,000.00
26	Water Service Lowering	EACH	2.0	1.000	1.0	\$1,000.00
27	Water Service Lowered with New Copper	EACH	2.0	3.000	3.0	\$4,500.00
28	Relocate Water Service Stop Box	EACH	1.0	1.000	1.0	\$150.00
29	Adjust Water Service Stop Box	EACH	2.0	1.000	1.0	\$150.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
30	Lower Sanitary Sewer Service	LS	1.0	0.000	0.0	\$3,100.00	\$0.00
31	Wood Excelsior Mat	SQ	60.0	60.000	60.0	\$16.00	\$960.00
32	Seeding, Fertilizer, Mulching	ACRE	0.3	0.400	0.4	\$4,000.00	\$1,600.00
33	Sodding	SQ	100.0	136.000	136.0	\$33.00	\$4,488.00
34	Watering, Sod	MGAL	5.0	5.000	5.0	\$100.00	\$500.00
35	Traffic Control	LS	1.0	1.000	1.0	\$6,000.00	\$6,000.00
36	Road Closure, RE-3B	EACH	1.0	1.000	1.0	\$875.00	\$875.00
37	Cable Guardrail, RE-29C	LF	350.0	350.000	350.0	\$25.00	\$8,750.00
38	Cable Guardrail, End Anchorage, RE-29A	EACH	2.0	2.000	2.0	\$1,000.00	\$2,000.00
39	Compost Filter Tube	LF	1,500.0	2,237.000	2,237.0	\$2.00	\$4,474.00
40	Removal of Compost Filter Tube	LF	1,500.0	2,237.000	2,237.0	\$0.25	\$559.25
41	Retaining Wall Grading at 6710 SW 11th	LS	1.0	1.000	1.0	\$2,000.00	\$2,000.00
42	Retaining Wall Grading at 1000-1002 Bundy	LS	1.0	0.000	0.0	\$2,000.00	\$0.00
43	Modular Block Retaining Wall	SF	275.0	385.400	385.4	\$21.00	\$8,093.40
44	Remove Existing Retaining Wall and Replace with Modular Block	SF	575.0	508.600	508.6	\$24.00	\$12,206.40
1.01	Remove & Relay Limestone Wall - 1000 Bundy	LS	0.0	1.000	1.0	\$2,200.00	\$2,200.00
2.01	Geogrid	SY	0.0	1074.200	1,074.2	\$4.50	\$4,833.90
3.01	Full Depth PCC Pavement Patch	SY	0.0	38.500	38.5	\$50.00	\$1,925.00
3.02	Flowering Snow Crab Trees	EACH	0.0	2.000	2.0	\$330.00	\$660.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$362,445.13				
PARTIAL PAYMENT NO. 1			\$76,596.63				
PARTIAL PAYMENT NO. 2			\$100,517.57				
PARTIAL PAYMENT NO. 3			\$107,819.85				
PARTIAL PAYMENT NO. 4			\$284,934.05				
PARTIAL PAYMENT NO. 5			\$12,189.21				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS							
TOTAL							\$362,445.13
RETAINAGE							\$18,122.26
TOTAL LESS RETAINAGE							\$344,322.87
LESS PREVIOUS PAYMENT							\$344,322.87
AMOUNT DUE							\$0.00

PREPARED BY: 

CHECKED BY: 

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