

12B

DATE February 28, 2011

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR E. 33RD STREET & EASTON BOULEVARD INTERSECTION IMPROVEMENTS, ELDER CORPORATION**

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 E. 33rd Street & Easton Boulevard Intersection Improvements, 06-2009-004, in accordance with the contract approved between Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA 50327, under Roll Call No. 10-317, of February 22, 2010, 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 \$448,745.72 is the total construction cost, of which \$416,111.21 has been paid the Contractor, with a final partial payment of \$10,197.22 to be paid now, and the remaining balance of \$22,437.29 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$22,437.29 before being released to the Contractor.

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.

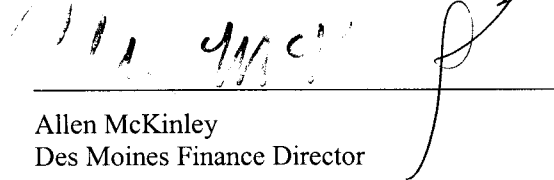
Moved by _____ to adopt.

FORM APPROVED:

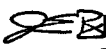
FUNDS AVAILABLE



Kathleen Vanderpool
Deputy City Attorney



Allen McKinley
Des Moines Finance Director

 Funding Source: 2010-2011 CIP, Page Street-22, E. 33rd and Easton Boulevard Intersection Improvements, STR234, Being: \$400,000 in Iowa DOT Traffic Safety Funds (Max \$400,000) and \$48,745.72 in City G. O. Bonds

CS-TSF-1945(739)--85-77

★ Roll Call Number

Agenda Item Number

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DATE February 28, 2011

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED			APPROVED	
_____ Mayor				

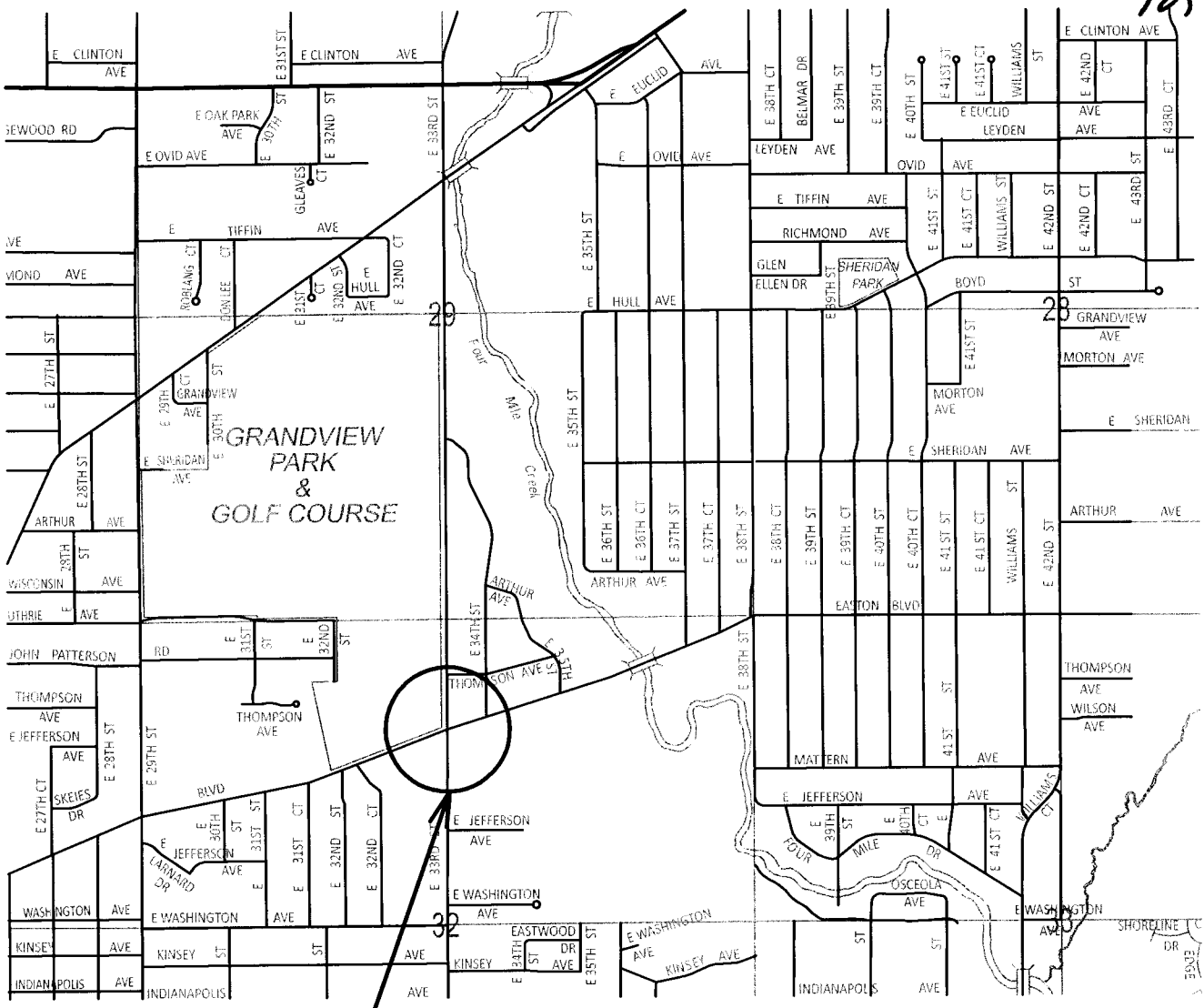
CERTIFICATE

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.

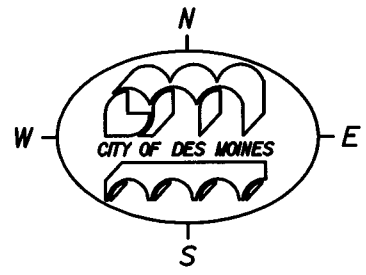
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

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**PROJECT
LOCATION**



**E. 33RD AND EASTON BOULEVARD
INTERSECTION IMPROVEMENTS
ACTIVITY I.D. 06-2009-004**

IDOT PROJECT NO. CS-TSF-1945(739)-85-77

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PROJECT SUMMARY

E 33rd-Easton Intersection Improvements

Activity ID 06-2009-004

On February 22, 2010, under Roll Call No. 10-316, the City Council awarded the contract for the E. 33rd Street and Easton Blvd Intersection Improvements Project to Elder Corporation. The paving program includes street paving, drive approaches, subdrains, sidewalks, traffic signals, and surface restoration on the following steets:

Intersection at E. 33rd Street and Easton Boulevard and Easton from E. 33rd Street to E. 34th Street.

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	6/22/2010 The Contractor provided a thicken concrete edge and additional widening for the pavement along Easton Blvd. During the utility relocation of the MidAmerican transmission lines three trees were required to be removed due to conflicts with the power lines and the proposed street widening.	Engineering	\$15,994.00
2	1/19/2011 Adjust contract quantities to match as-built quantities. Contractor was required to adjust an existing traffic signal handhole to match the proposed sidewalk ramp. Liquidated damages were assessed.	Engineering	(\$4,952.53)
Original Contract Amount			\$437,704.25
Total Change Orders			\$11,041.47
Percent of Change Orders to Original Contract			2.52%
Final Contract Amount			\$448,745.72

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February 28, 2011

CERTIFICATION OF COMPLETION



AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 33rd Street & Easton Boulevard Intersection Improvements, Elder Corporation.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$448,745.72 As-Built Contract Cost

Funding Source: 2010-2011 CIP, Page Street-22, E. 33rd and Easton Boulevard Intersection Improvements, STR234, Being: \$400,000 in Iowa DOT Traffic Safety Funds (Max \$400,000) and \$48,745.72 in City G. O. Bonds

CERTIFICATION OF COMPLETION:

On February 22, 2010, under Roll Call No. 10-317, the City Council awarded a contract to Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA 50327 for the construction of the following improvement:

E. 33rd Street & Easton Boulevard Intersection Improvements, 06-2009-004

The improvement includes removing pavement and existing traffic signal system and construction a Portland Cement Concrete widening eight (8) inches thick with a Hot Mix Asphalt overlay, Portland Cement Concrete reconstruction nine (9) inches thick, new traffic signal system, storm sewer, subdrains, driveways, sidewalks, pavement markings, surface restoration and other incidental items; in accordance with the contract documents, including Plans File Nos. 514-164/195, at the intersection of E. 33rd Street and Easton Boulevard and on Easton from E. 33rd Street to E. 34th Street, Des Moines, Iowa

I hereby certify that the construction of said E. 33rd Street & Easton Boulevard Intersection Improvements, Activity ID 06-2009-004, 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 April 12, 2010, and was completed on February 18, 2011.

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I further certify that \$448,745.72 is the total construction cost, of which \$416,111.21 has been paid the Contractor, with a final partial payment of \$10,197.22 to be paid now, and the remaining balance of \$22,437.29 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$22,437.29 before being released to the Contractor. The amount of completed work is shown on the attached Estimate of Construction Completed.



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

**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**



ESTIMATE OF CONSTRUCTION COMPLETED

FOR WORK DONE FROM 09/18/10 to 12/8/10
FINAL PAYMENT (PAYMENT NO. 6)

Proj No: CS-TSF-1945(739)—85-77
Activity ID: 06-2009-004
Date: 12/29/10

PROJECT: E. 33RD AND EASTON BLVD INTERSECTION IMPROVEMENTS
CONTRACTOR: ELDER CORPORATION

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	Subgrade Preparation	SY	2,600.0	2,600.000	2,600.0	\$9,100.00
2	Class 10 Excavation	CY	670.0	670.000	670.0	\$17,252.50
3	Modified Subbase	SY	660.0	713.300	713.3	\$6,170.05
4	Driveway Surfacing, Class D Granular Surfacing	TON	20.0	32.300	32.3	\$24.25
5	Pavement Removal	SY	2,458.5	2,724.500	2,724.5	\$24,792.95
6	Removal of Intake or Utility Access	EA	1.0	1.000	1.0	\$560.00
7	Pavement, PCC Pavement Widening 8-Inch	SY	517.0	715.500	715.5	\$32,913.00
8	Pavement, Standard or Slip Form PCC Pavement 9-Inch	SY	1,790.0	1,769.700	1,769.7	\$92,909.25
9	Driveway, 6" PCC	SY	146.0	132.900	132.9	\$28.50
10	Sidewalk, 4" PCC	SY	454.0	373.500	373.5	\$24.50
11	Handicapped Ramps, W/Truncated Domes	SY	24.8	91.100	91.1	\$30.50
12	P.C.C. Curb and Gutter, As Per Plan	LF	186.8	211.000	211.0	\$23.50
13	Cleaning and Preparation of Base	MILE	0.1	0.100	0.1	\$18,000.00
14	Pavement Scarification	SY	256.0	367.400	367.4	\$22.50
15	HMA (3M ESAL), 1/2", Surface Course	TON	340.0	290.000	290.0	\$107.00
16	15" RCP, Class III Storm Sewer	LF	10.0	10.000	10.0	\$180.00
17	Intake, Type M-A	EA	1.0	1.000	1.0	\$3,200.00
18	Subdrain	LF	390.0	390.000	390.0	\$18.00
19	Subdrain Outlet	EA	2.0	2.000	2.0	\$300.00
20	Removal of Chain Link Fence	LF	212.0	212.000	212.0	\$4.90
21	Fence, Chain Link, 48" Height, Black Vinyl	LF	280.0	280.000	280.0	\$13.75
22	Type "B" Concrete Steps With Handrail	SF	65.0	44.900	44.9	\$56.00
23	Relocate Water Service Stop Box	EACH	1.0	0.000	0.0	\$420.00
24	Adjust Water Service Stop Box	EACH	1.0	0.000	0.0	\$300.00
25	Water Meter Pit and Water Service Stop Box	EACH	1.0	1.000	1.0	\$3,500.00
26	Relocate Fire Hydrant	EACH	1.0	1.000	1.0	\$4,300.00
27	Traffic Control	LS	1.0	1.000	1.0	\$8,800.00
28	Mobilization	LS	1.0	1.000	1.0	\$32,500.00
29	Traffic Signal System	LS	1.0	1.000	1.0	\$113,000.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
30	Hydraulic Seeding, Fertilizer, Mulching	ACRE	0.1	0.160	0.16	\$3,600.00	\$576.00	
31	Sodding	SQ	120.0	126.200	126.2	\$30.50	\$3,849.10	
32	Watering, Sod	MGAL	10.0	0.000	0.0	\$71.50	\$0.00	
33	Compost Filter Tube	LF	500.0	178.000	178.0	\$2.15	\$382.70	
34	Removal of Compost Filter Tube	LF	500.0	178.000	178.0	\$0.50	\$89.00	
35	Painted Pavement Marking, Waterborne	STA	48.4	48.710	48.71	\$43.50	\$2,118.89	
36	Painted Symbols and Legend, As Per Plan	EA	2.0	2.000	2.0	\$27.50	\$55.00	
37	Permanent Tape Marking, Intersection Marking Tape	STA	10.0	18.060	18.06	\$440.00	\$7,946.40	
38	Pre-Cut Symbol and Legend	EA	8.0	6.000	6.0	\$110.00	\$660.00	
39	Grooves Cut for Pavement Marking	STA	21.2	18.060	18.06	\$82.50	\$1,489.95	
40	Groove Cut for Symbol and Legend	EA	8.0	6.000	6.0	\$110.00	\$660.00	
1.01	Tree Removal	LS	0.0	1.000	1.0	\$2,775.00	\$2,775.00	
1.02	Thickened Edge of PCC	LS	0.0	1.000	1.0	\$1,650.00	\$1,650.00	
2.01	Traffic Signal Handhole Adjustment	LS	0.0	1.000	1.0	\$550.00	\$550.00	
2.02	Water Service Abandonment	LS	0.0	1.000	1.0	\$1,567.50	\$1,567.50	
2.03	Liquidated Damages	DAY	0.0	4.000	4.0	-\$1,000.00	(\$4,000.00)	
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS								\$448,745.72
PARTIAL PAYMENT NO. 1								\$45,725.02
PARTIAL PAYMENT NO. 2								\$71,241.54
PARTIAL PAYMENT NO. 3								\$108,398.47
PARTIAL PAYMENT NO. 4								\$182,802.73
PARTIAL PAYMENT NO. 5								\$7,943.45
THIS PARTIAL PAYMENT								\$10,197.22
TOTAL PARTIAL PAYMENTS								\$426,308.43
TOTAL								\$448,745.72
RETAINAGE								\$22,437.29
TOTAL LESS RETAINAGE								\$426,308.43
LESS PREVIOUS PAYMENT								\$416,111.21
AMOUNT DUE								\$10,197.22

PREPARED BY: *[Signature]*

CHECKED BY: *[Signature]*

CONTRACTOR: *[Signature]* 1/13/2011

FINAL PAYMENT (PAYMENT NO. 6)