



7B

DATE July 25, 2011

ORDERING CONSTRUCTION OF
E. ARMY POST ROAD & INDIANOLA AVENUE CULVERT EXTENSION
AND FIXING A DATE FOR RECEIVING OF BIDS ON AUGUST 16, 2011
AND PUBLIC HEARING ON AUGUST 29, 2011
ENGINEER'S ESTIMATE IS \$657,000.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

E. Army Post Road & Indianola Avenue Culvert Extension, 08-2011-005

Disaster Number: FEMA-1930-DR-IA

The improvement includes the construction of 432 LF of 8' x 6' PCC box culvert with flared end section which incorporates the necessary structural concrete & reinforcing steel; 42" RCP sewer; 18" RCP sewer with flared end section; storm sewer intake; 6" perforated subdrain; clearing & grubbing; construction access & staging; excavation class 10 & 20; class E revetment with fabric; top soil; PCC driveway; HMA shoulder; granular shoulder; storm water pollution prevention; mobilization; construction survey; removals; fencing; seed restoration; mulch; traffic control; project sign; tree protection: and other incidental items all in accordance with the contract documents, including Plan File Nos. 533-083/117, generally located southeast of the intersection of E. Army Post Road and Indianola Avenue in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$657,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on August 29, 2011, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on August 16, 2011, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on August 16, 2011, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.



Roll Call Number

Agenda Item Number

7B

DATE July 25, 2011

BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 11-485 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool by AD
Kathleen Vanderpool
Deputy City Attorney

Scott E. Sanders
Scott E. Sanders
Des Moines Finance Director

JEB Funding Source: 2011-2012, Page Storm - 9, Easter Lake Watershed Improvements, STE061, Being: \$180,900 FEMA funding, with the remaining \$476,100 City Storm Water Utility Funds

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

CERTIFICATE

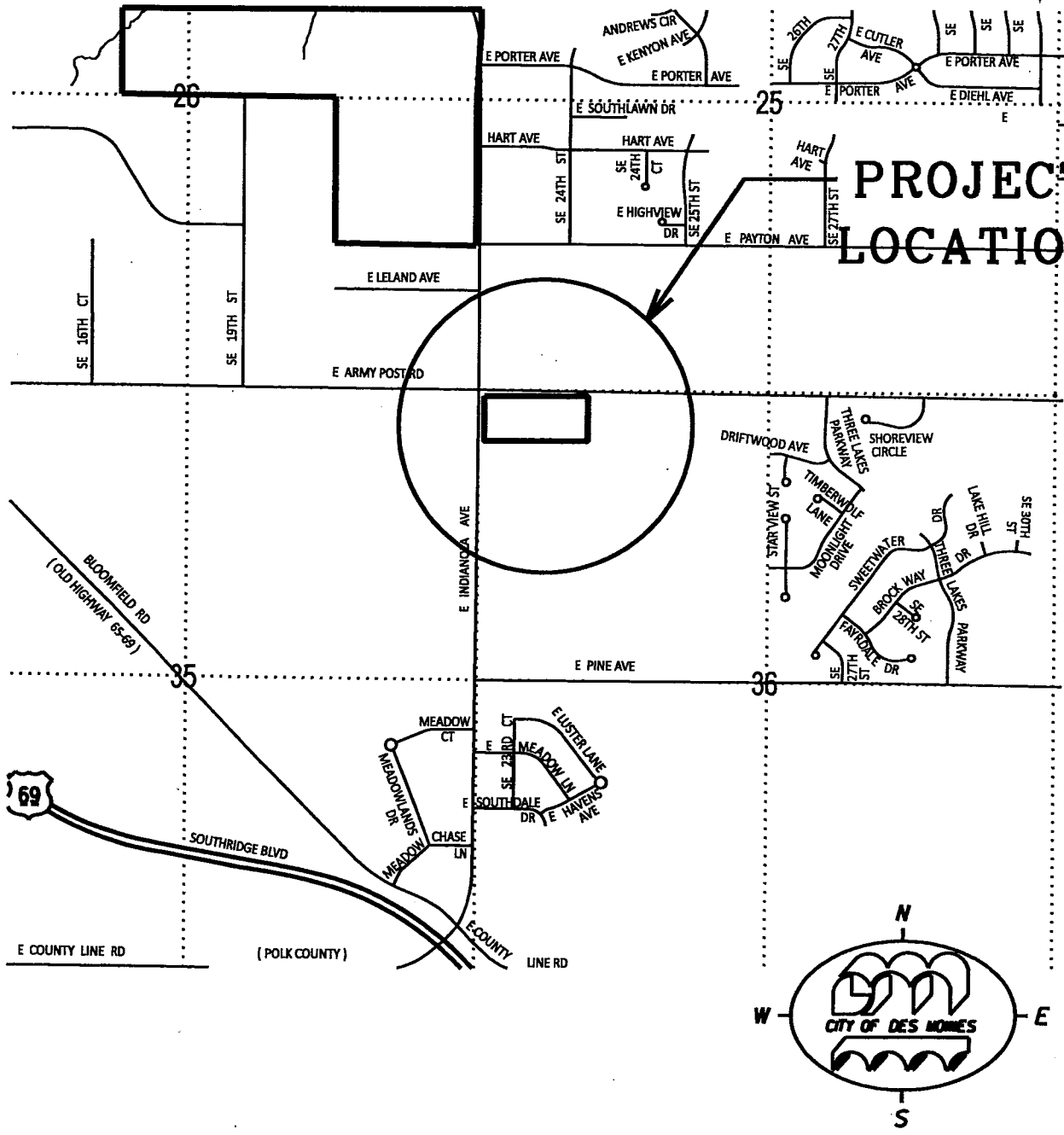
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

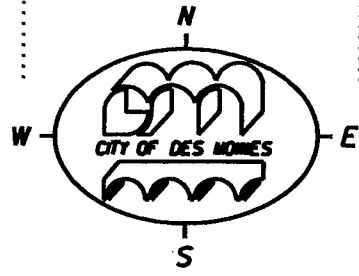
Mayor

City Clerk

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PROJECT LOCATION



**EAST ARMY POST ROAD &
 INDIANOLA AVENUE
 CULVERT EXTENSION
 ACTIVITY ID 08-2011-005**

sf:\le-dotes

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CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2011-005
Date: 6/24/11

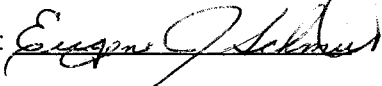
PROJECT: EAST ARMY POST ROAD & INDIANOLA AVENUE CULVERT EXTENSION

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1.1	* Mobilization	LS	1	\$40,000.00	\$40,000.00
1.2	Construction Survey	LS	1	\$5,000.00	\$5,000.00
2.1	* Clearing & Grubbing	LS	1	\$10,000.00	\$10,000.00
2.2	Topsoil, Furnish & Place	CY	1210	\$18.00	\$21,780.00
2.3	Excavation, Class 10, Roadway & Borrow (Furnish & Place)	CY	7100	\$12.00	\$85,200.00
2.4	Miscellaneous Ditch Cleaning, Grading & Shaping	LS	1	\$3,500.00	\$3,500.00
2.5	* Site Removals, As Per Plan	LS	1	\$5,000.00	\$5,000.00
4.1	18 inch RCP Storm Sewer, Class III	LF	38	\$70.00	\$2,660.00
4.2	42 inch RCP Storm Sewer, Class III	LF	32	\$120.00	\$3,840.00
4.3	18 inch RCP Flared End Section, Class III	EACH	1	\$1,200.00	\$1,200.00
4.4	6 inch Subdrain, Longitudinal	LF	1300	\$20.00	\$26,000.00
4.5	6 inch Subdrain Cleanout, Type A-1	EACH	6	\$500.00	\$3,000.00
4.6	Subdrain, Outlet	EACH	3	\$500.00	\$1,500.00
6.1	Open-Sided Area Intake, SW-513, 4'x4'	EACH	1	\$5,500.00	\$5,500.00
7.1	6 inch HMA Paved Shoulder, R&R, w/Special Backfill	SY	560	\$80.00	\$44,800.00
7.2	Granular Shoulder	TON	50	\$26.51	\$1,325.50
7.3	7" PCC Driveway, Class C-4	SY	26	\$50.00	\$1,300.00
8.1	* Traffic Control	LS	1	\$5,000.00	\$5,000.00
9.1	* Seed, Type 2, Permanent Mix for Slopes & Ditches	AC	1.2	\$3,000.00	\$3,600.00
9.2	* Seed, Type 5, Rural Temp. Erosion Control Mix	AC	1.2	\$2,000.00	\$2,400.00
9.3	* Mulch	AC	2.4	\$1,200.00	\$2,880.00
9.4	* Rolled Erosion Control Product, Type 2.C	SY	1200	\$3.50	\$4,200.00
9.5	* Stormwater Pollution Prevention	LS	1	\$5,000.00	\$5,000.00
9.6	* Silt Fence	LF	1000	\$5.00	\$5,000.00
9.7	* Silt Fence, Clean-Out	LF	1000	\$3.00	\$3,000.00
9.8	* Silt Fence, Removal	LF	1000	\$3.00	\$3,000.00
9.9	* Check Dam	EACH	2	\$2,500.00	\$5,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
9.10 *	Check Dam, Clean-Out	EACH	2	\$1,000.00	\$2,000.00
9.11 *	Check Dam, Removal	EACH	2	\$1,500.00	\$3,000.00
9.12	Revetment, Class E, w/Fabric	TON	350	\$45.00	\$15,750.00
9.13	Construction Access & Staging	LS	1	\$7,500.00	\$7,500.00
9.14 *	Construction Staging Fence	LF	500	\$3.00	\$1,500.00
9.15 *	Tree Protection Plan	LS	1	\$2,500.00	\$2,500.00
9.16 *	Tree Protection Fence	LF	1500	\$5.00	\$7,500.00
9.17 *	Project Sign Large - Standard	EACH	1	\$1,000.00	\$1,000.00
10.1 *	Mobilization, Channel Mitigation	EACH	1	\$5,000.00	\$5,000.00
10.2 *	Clearing & Grubbing, Channel Mitigation	AC	0.8	\$5,000.00	\$4,000.00
10.3 *	Fence Removal, Channel Mitigation	LF	112	\$15.00	\$1,680.00
10.4 *	Excavation, Class 10, Channel Mitigation	CY	1050	\$15.00	\$15,750.00
10.5	Revetment, Class E, w/Fabric, Channel Mitigation	TON	250	\$45.00	\$11,250.00
10.6 *	Seed, Type 2, Permanent Mix, Channel Mitigation	AC	2.2	\$3,000.00	\$6,600.00
10.7 *	Seed, Type 5, Rural Erosion Mix, Channel Mitigation	AC	2.2	\$2,000.00	\$4,400.00
10.8 *	Rolled Erosion Control, Type 4, Channel Mitigation	SY	2300	\$5.00	\$11,500.00
10.9 *	Mulch, Channel Mitigation	AC	1.7	\$1,200.00	\$2,040.00
10.10	Conservation Easement Sign, Channel Mitigation	EACH	6	\$150.00	\$900.00
11.1 *	Structural Removals, As Per Plan	LS	1	\$7,500.00	\$7,500.00
11.2 *	Excavation, Class 20	CY	1386	\$15.00	\$20,790.00
11.3	Structural Concrete, RCB Culvert	CY	416.7	\$375.00	\$156,262.50
11.4	Reinforcing Steel	LB	67892	\$1.00	\$67,892.00

Prepared By: Foth Infrastructure & Environment, LLC

Checked By: 

TOTAL CONSTRUCTION COST	\$657,000.00
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* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$190,840.00