

DATE July 13, 2009

ORDERING CONSTRUCTION OF
2009 SEWER REPAIR CONTRACT 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON JULY 28, 2009
AND PUBLIC HEARING ON AUGUST 10, 2009
ENGINEER'S ESTIMATE IS \$957,298.00

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 Jurisdictional Engineer, submitting plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of cost for the construction of the following improvement:

2009 Sewer Repair Contract 1, 08-2009-021

Diaster Number: FEMA-1763-DR-IA

The improvement includes construction of new storm and sanitary sewers to repair deteriorated infrastructure at 12 various locations in Des Moines, Iowa, being: 620 Glenview Drive, 3700 River Oaks Drive, 2400 Hickman Road, 2162 16th Street, 3900 Maquoketa Drive, 1543 27th Street, 1500 Tuttle Street, 3224 SE 4th Court, 822 E. McKinley Avenue, 2202 E. 25th Street, 2704 E. 36th Street, and 2927 Capitol Avenue. Most of these locations were damaged during the Floods of 2008 and include partial FEMA funding. This contract includes construction of sanitary sewers, storm sewers, manholes, intakes, gabion basket walls, cable concrete overflows, restoration of pavement & landscaping, and other incidental items; in accordance with the contract documents including Plan File Nos. 493-113/182

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$957,298.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the 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 Jurisdictional 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 Jurisdictional 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 10, 2009, 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 City Clerk until 11:00 a.m. on July 28, 2009, 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 Jurisdictional Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on July 28, 2009, after which the bids together with a bid tabulation and recommendation of the Jurisdictional Engineer will be presented to the City Council at its next meeting for action thereon.

★ **Roll Call Number**

Agenda Item Number

7 (H)

DATE July 13, 2009

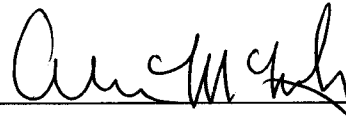
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders and Notice of Public Hearing for said improvement be published in the Des Moines Register as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 09-490 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Allen McKinley
Des Moines Finance Director

Funding Source: 2009-2010 CIP, Page Storm-4, City-wide Storm Water Utility Projects, STE057, Being: This project is repair of infrastructure damaged during the 2008 Iowa Disaster and is partially eligible under Disaster Number: FEMA-1763-DR-IA which is the Disaster Declaration for Public Assistance. Funding is as

REB follows:

- \$695,978.49 in Storm Water Utility Funds from STE057,
- \$75,000 in Sanitary Sewer Funds from City-wide Sanitary Sewers, Page Sanitary-5, SAE054,
- \$186,319.51 estimated in FEMA eligible construction cost from 2009-2010 Operating Budget, 2008 Storms Mitigation/Recovery, OPR178, being 90% FEMA (\$167,687.56) and 10% Iowa State Emergency Funds (\$18,631.95). FEMA and State participation are being reviewed for additional funding.

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

MOTION CARRIED

APPROVED

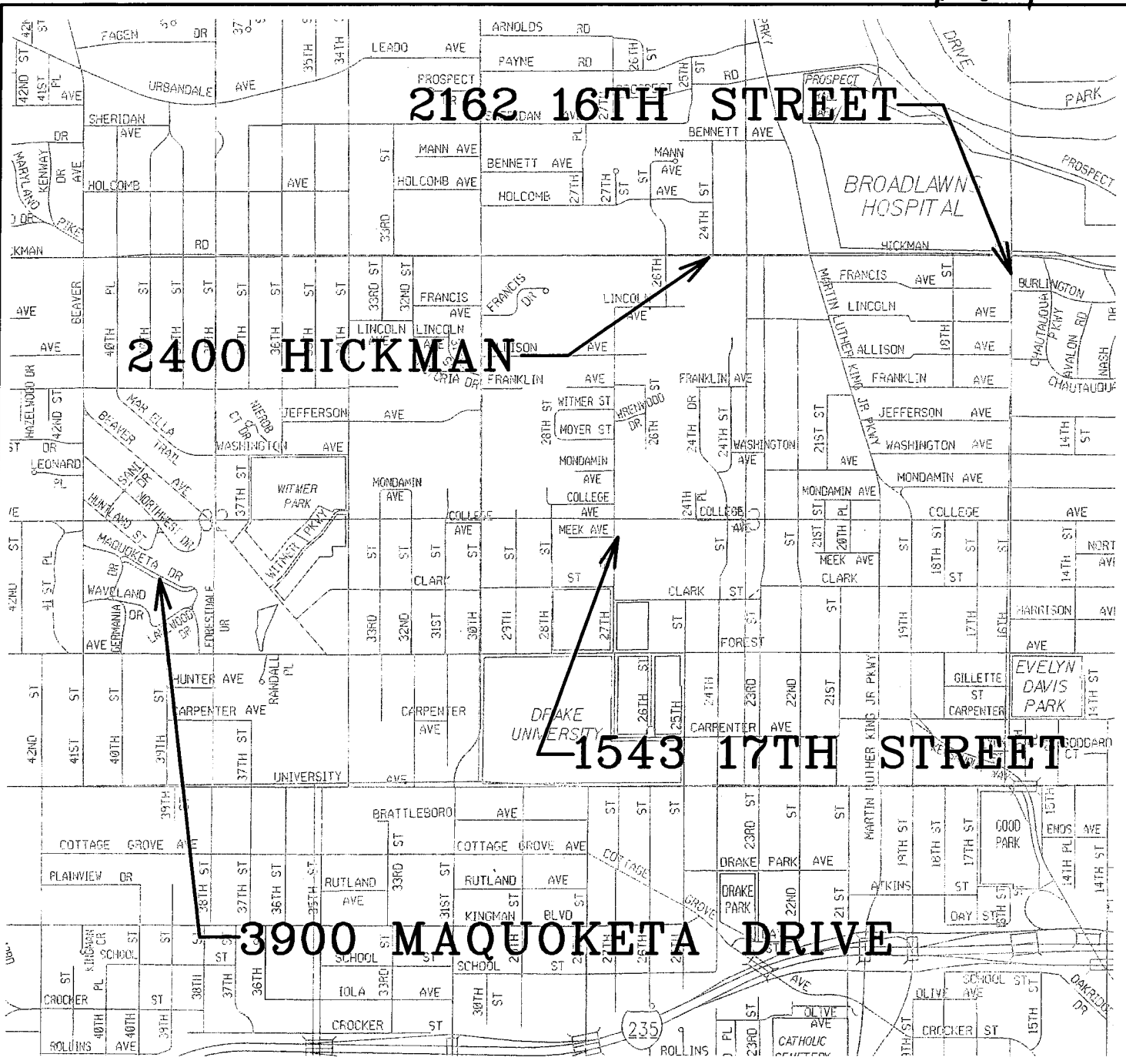
Mayor

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.

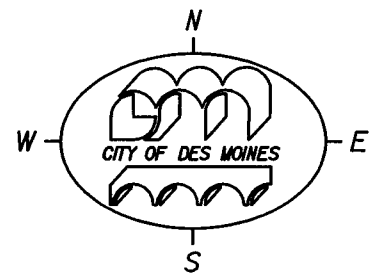
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

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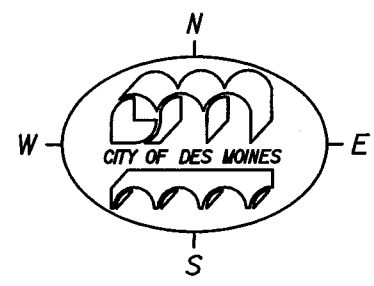
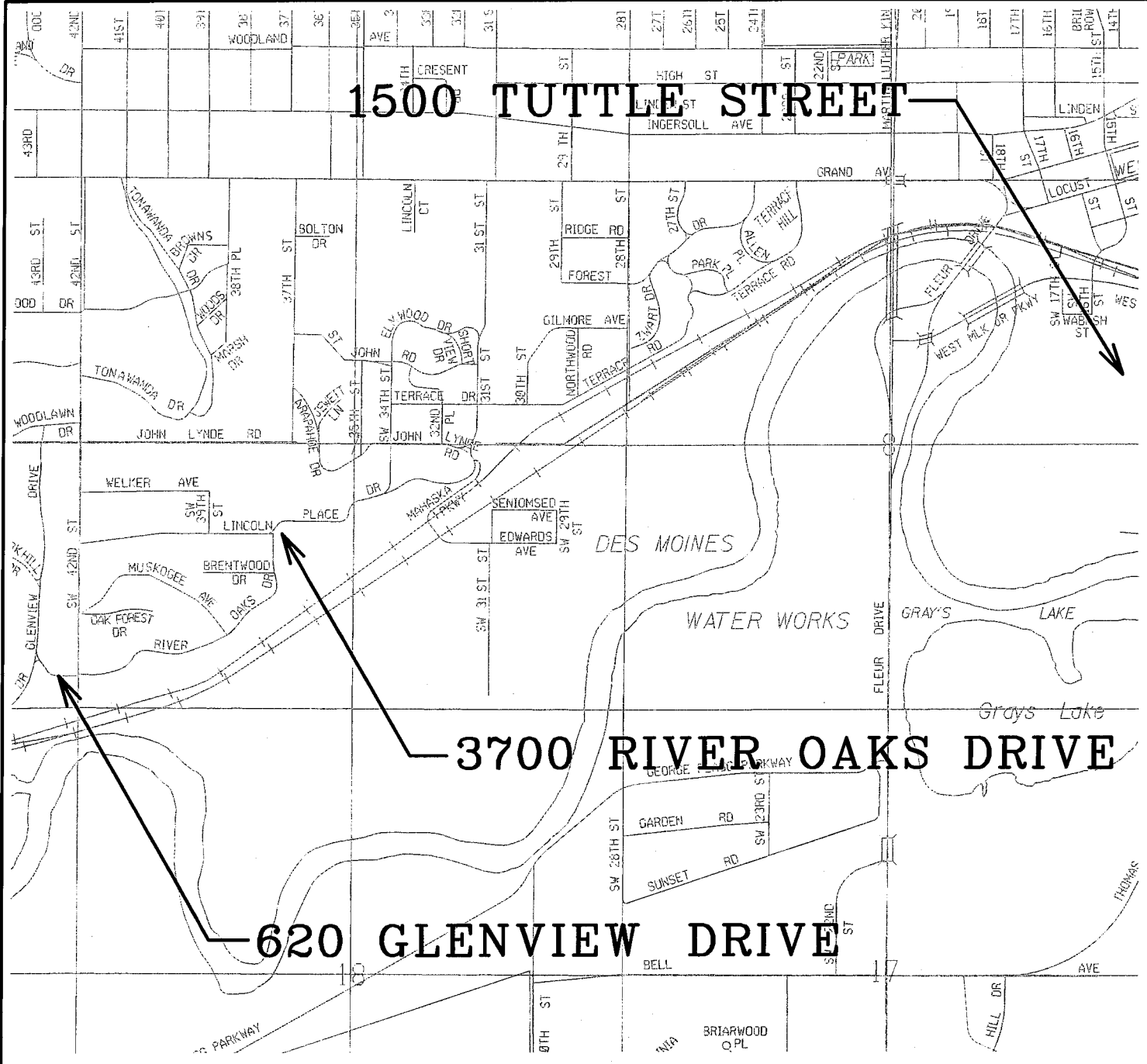
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1500 TUTTLE STREET

3700 RIVER OAKS DRIVE

620 GLENVIEW DRIVE



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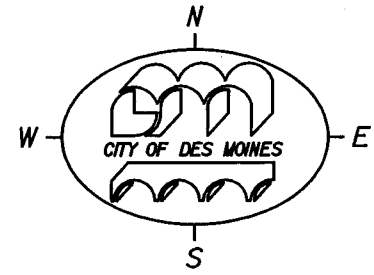
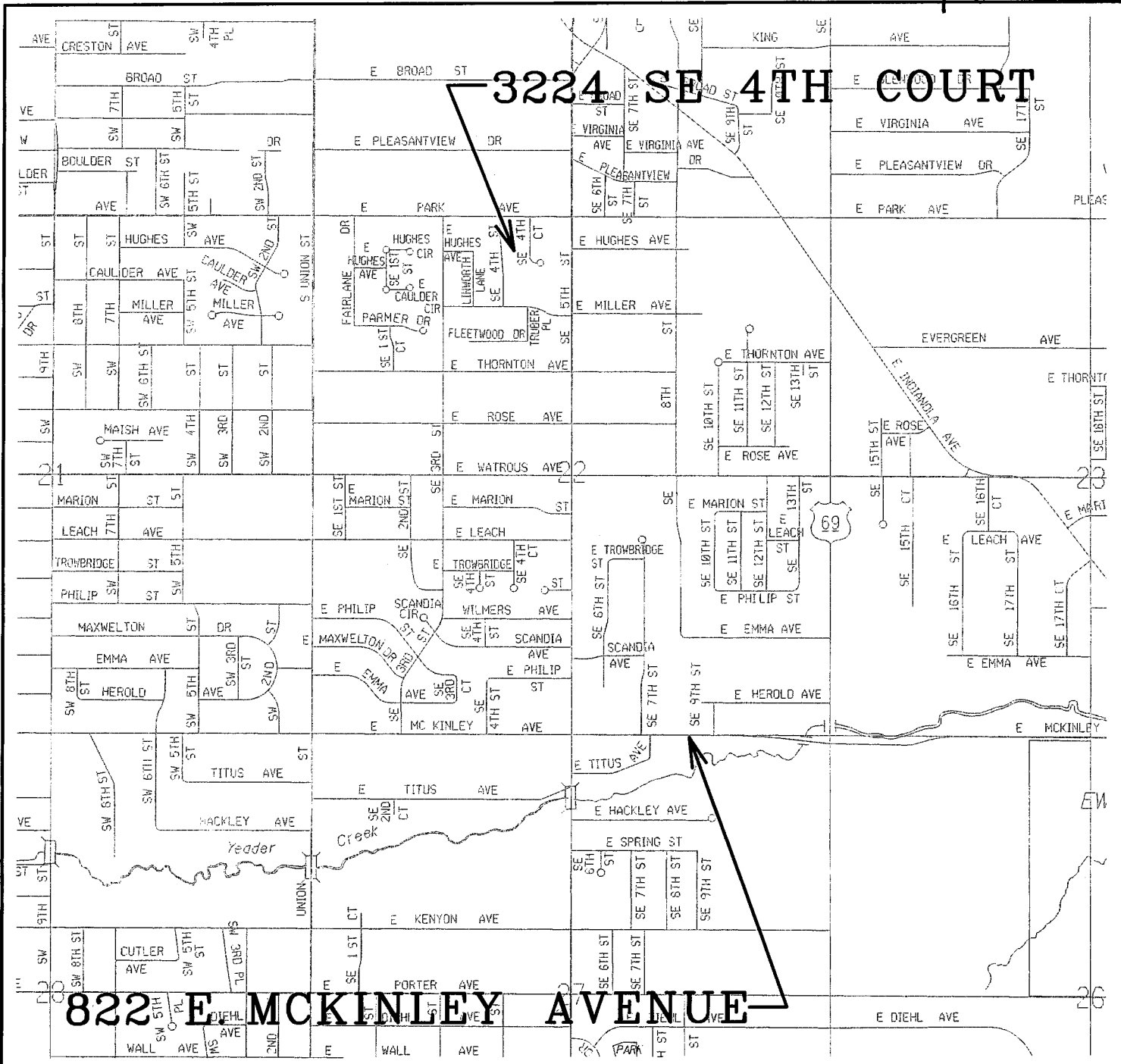
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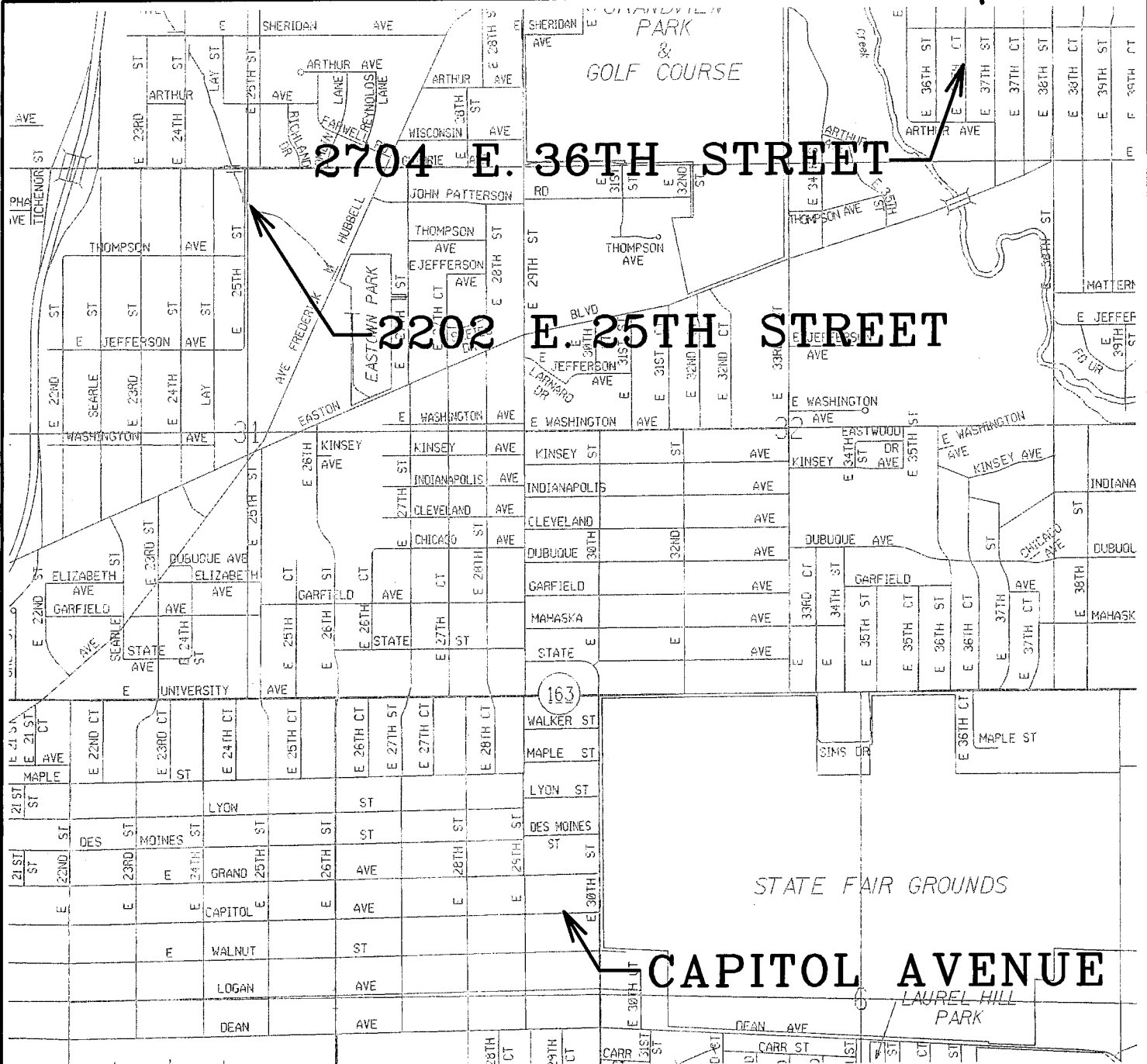
3224 SE 4TH COURT

822 E MCKINLEY AVENUE

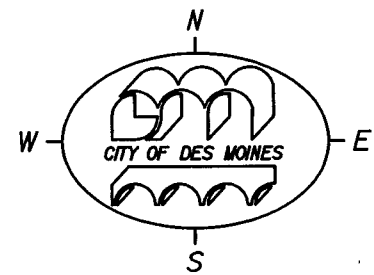
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**ENGINEER'S FINAL OPINION OF PROBABLE COST
 2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
 CITY OF DES MOINES, IOWA
 Activity I.D.: 08-2009-021
 July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 1: 3700 River Oaks Drive					
1.01	Mobilization	1	LS	\$25,000	\$25,000
1.02	Construction Survey	1	LS	\$2,000	\$2,000
1.03	Erosion Control	1	LS	\$5,000	\$5,000
1.04	Traffic Control	1	LS	\$1,000	\$1,000
1.05	Project Sign "Small"	1	EACH	\$500	\$500
1.06	Clearing and Grubbing	0.25	ACRE	\$15,000	\$3,750
1.07	Topsoil, Strip, Salvage & Re-spread	50	CY	\$15	\$750
1.08	Class 10 Excavation, Roadway and Borrow	500	CY	\$8	\$4,000
1.09	Subgrade Preparation, 12" Depth	500	SY	\$2	\$1,000
1.10	Storm Sewer, 6'x6' RCB	115	LF	\$400	\$46,000
1.11	Storm Sewer, 6'x6' Flared Wing Headwall	1	EACH	\$12,500	\$12,500
1.12	Storm Sewer, 30" RCP, Class III	80	LF	\$90	\$7,200
1.13	Storm Sewer, 18" RCP, Class III	30	LF	\$55	\$1,650
1.14	Storm Sewer, Removal, 4'x7' RCB	115	LF	\$100	\$11,500
1.15	Storm Sewer, Removal, 30" RCP	80	LF	\$15	\$1,200
1.16	Storm Sewer, Removal, 18" RCP	30	LF	\$15	\$450
1.17	Storm Intake, Custom 8'x8'	1	EACH	\$12,000	\$12,000
1.18	Storm Intake, Type M-F (modified)	2	EACH	\$10,000	\$20,000
1.19	Storm Manhole, 60" M-A	1	EACH	\$5,000	\$5,000
1.20	Intake Removal	3	EACH	\$1,500	\$4,500
1.21	Pavement, 8" HMA, w/Integral PCC Curb & Gutter	500	SY	\$60	\$30,000
1.22	Pavement, Driveway, 6" HMA	120	SY	\$45	\$5,400
1.23	Pavement Removal	500	SY	\$7	\$3,500
1.24	Driveway Pavement, Removal	120	SY	\$7	\$840
1.25	Sodding	41	SQ	\$40	\$1,640
1.26	Pneumatic Seeding: Seeding, Fertilization and Mulching	90	SQ	\$30	\$2,700
1.27	Articulated Concrete Block	3500	SF	\$15	\$52,500
1.28	Rip Rap, Class D	250	TON	\$50	\$12,500
1.29	Temporary Erosion Matting	125	SY	\$2	\$250
1.30	Shrub Plantings	60	EACH	\$25	\$1,500
SUBTOTAL DIVISION 1: 3700 River Oaks Drive					\$275,830

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**ENGINEER'S FINAL OPINION OF PROBABLE COST
2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
CITY OF DES MOINES, IOWA
Activity I.D.: 08-2009-021
July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 2: 620 Glenview Drive					
2.01	Mobilization	1	LS	\$7,400	\$7,400
2.02	Construction Survey	1	LS	\$2,000	\$2,000
2.03	Erosion Control	1	LS	\$5,000	\$5,000
2.04	Traffic Control	1	LS	\$1,000	\$1,000
2.05	Project Sign "Small"	1	EACH	\$500	\$500
2.06	Clearing and Grubbing	0.1	ACRE	\$15,000	\$1,500
2.07	Topsoil Strip, Salvage, and Respread	75	CY	\$15	\$1,125
2.08	Class 10 Excavation, Roadway and Borrow	350	CY	\$8	\$2,800
2.09	Storm Sewer, 4'x5' RCB	10	LF	\$500	\$5,000
2.10	Storm Sewer, 4'x5' Wingwall	1	EACH	\$10,000	\$10,000
2.11	Storm Sewer Removal, 4'x5' RCBC	2	LF	\$500	\$1,000
2.12	Storm Sewer Removal, 4'x5' Flared Wing Headwall	1	EACH	\$1,000	\$1,000
2.13	Connect to Existing Culvert	1	LS	\$2,500	\$2,500
2.14	Partial Curb Removal, PCC	1	LS	\$1,000	\$1,000
2.15	Sodding	5	SQ	\$40	\$200
2.16	Pneumatic Seeding: Seeding, Fertilization and Mulching	20	SQ	\$30	\$600
2.17	Articulated Concrete Block	580	SF	\$15	\$8,700
2.18	Rip Rap, Class B	50	TON	\$60	\$3,000
2.19	Rip Rap, Class D	250	TON	\$50	\$12,500
2.20	Shrub Plantings	90	EACH	\$25	\$2,250
2.21	Sheet Pile Wall Removal	1	LS	\$2,500	\$2,500
SUBTOTAL DIVISION 2: 620 Glenview Drive					\$71,575

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**ENGINEER'S FINAL OPINION OF PROBABLE COST
 2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
 CITY OF DES MOINES, IOWA
 Activity I.D.: 08-2009-021
 July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 3: 2202 East 25th Street					
3.01	Mobilization	1	LS	\$10,000	\$10,000
3.02	Construction Survey	1	LS	\$2,000	\$2,000
3.03	Erosion Control	1	LS	\$5,000	\$5,000
3.04	Traffic Control	1	LS	\$2,000	\$2,000
3.05	Project Sign "Small"	1	EACH	\$500	\$500
3.06	Clearing and Grubbing	0.35	ACRE	\$15,000	\$5,250
3.07	Topsoil Strip, Salvage, and Respread	100	CY	\$15	\$1,500
3.08	Class 10 Excavation, Roadway and Borrow	395	CY	\$8	\$3,160
3.09	Storm Sewer, 4'x5' RCB	25	LF	\$500	\$12,500
3.10	Storm Sewer, 18" RCP, Class III	10	LF	\$55	\$550
3.11	Storm Sewer, 4'x5' Flared Wing Headwall	1	EACH	\$10,000	\$10,000
3.12	Sodding	15	SQ	\$40	\$600
3.13	Pneumatic Seeding: Seeding, Fertilization and Mulching	125	SQ	\$30	\$3,750
3.14	Fence, 4', Chain Link, Remove and Replace	70	LF	\$20	\$1,400
3.15	Rip Rap, Class D	480	TON	\$50	\$24,000
3.16	Gabions, Wall, PVC Coated	115	CY	\$250	\$28,750
SUBTOTAL DIVISION 3: 2202 East 25th Street					\$110,960

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**ENGINEER'S FINAL OPINION OF PROBABLE COST
 2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
 CITY OF DES MOINES, IOWA
 Activity I.D.: 08-2009-021
 July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 4: 2162 16th Street					
4.01	Mobilization	1	LS	\$7,000	\$7,000
4.02	Traffic Control	2	LS	\$2,500	\$5,000
4.03	Construction Survey	1	LS	\$2,000	\$2,000
4.04	Erosion Control	1	LS	\$5,000	\$5,000
4.05	Project Sign "Small"	1	EACH	\$500	\$500
4.06	Clearing and Grubbing	0.12	ACRE	\$15,000	\$1,800
4.07	Topsoil Strip, Salvage, and Respread	55	CY	\$15	\$825
4.08	Class 10 Excavation, Roadway and Borrow	100	CY	\$8	\$800
4.09	Subgrade Preparation, 6" Depth	10	SY	\$5	\$50
4.10	Storm Sewer, 24" RCP Class III	41	LF	\$70	\$2,870
4.11	Storm Sewer Removal, 12" CMP	43	LF	\$15	\$645
4.12	Connect to Existing Manhole	1	LS	\$1,000	\$1,000
4.13	Storm Intake, Type M-F Modified	1	EACH	\$8,000	\$8,000
4.14	Intake Removal	1	EACH	\$1,500	\$1,500
4.15	Roadway Pavement, 8" PCC	6	SY	\$70	\$420
4.16	Roadway Pavement Removal, PCC with HMA Overlay	6	SY	\$40	\$240
4.17	Pneumatic Seeding: Seeding, Fertilization and Mulching	44	SQ	\$30	\$1,320
4.18	Articulated Concrete Block	896	SF	\$15	\$13,440
4.19	Cut and Cap Abandoned Gas Main	1	LS	\$1,000	\$1,000
4.20	Special Wood Fence (5 bar), Remove and Replace	15	LF	\$25	\$375
4.21	Special Wood Fence (1 bar), Remove and Replace	105	LF	\$15	\$1,575
4.22	Temporary Erosion Matting	135	SY	\$2	\$270
4.23	Shrub Plantings	84	EACH	\$25	\$2,100
4.24	Rip Rap, Class D	100	TON	\$50	\$5,000
SUBTOTAL DIVISION 4: 2162 16th Street					\$62,730

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**ENGINEER'S FINAL OPINION OF PROBABLE COST
 2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
 CITY OF DES MOINES, IOWA
 Activity I.D.: 08-2009-021
 July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 5: 2704 East 36th Street					
5.01	Mobilization	1	LS	\$10,000	\$10,000
5.02	Construction Survey	1	LS	\$3,000	\$3,000
5.03	Erosion Control	1	LS	\$5,000	\$5,000
5.04	Traffic Control	1	LS	\$2,000	\$2,000
5.05	Project Sign "Small"	1	EACH	\$500	\$500
5.06	Clearing and Grubbing	0.1	ACRE	\$15,000	\$1,500
5.07	Topsoil Strip, Salvage, and Respread	70	CY	\$15	\$1,050
5.08	Sodding	20	SQ	\$40	\$800
5.09	Pneumatic Seeding: Seeding, Fertilization and Mulching	6	SQ	\$30	\$180
5.10	Red-Osier (Cornus Sericea) live stakes	40	EACH	\$18	\$720
5.11	Gabion Plantings, furnished and installed	60	LF	\$12	\$720
5.12	Fence, 4', Chain Link	150	LF	\$20	\$3,000
5.13	Wooden Fence, Remove and Replace, Special	15	LF	\$30	\$450
5.14	Rip Rap, Class B	81	TON	\$60	\$4,860
5.15	Rip Rap, Class D	73.44	TON	\$50	\$3,672
5.16	Gabions, Wall, removal	1	LS	\$15,000	\$15,000
5.17	Gabions, Wall, PVC Coated	207	CY	\$250	\$51,750
5.18	Gabions, Mattress, PVC Coated, 1' thick	34	CY	\$250	\$8,500
SUBTOTAL DIVISION 5: 2704 East 36th Street					\$112,702

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**ENGINEER'S FINAL OPINION OF PROBABLE COST
 2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
 CITY OF DES MOINES, IOWA
 Activity I.D.: 08-2009-021
 July 6, 2009**

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
DIVISION 6: 1543 27th Street					
6.01	Mobilization	1	LS	\$7,000	\$7,000
6.02	Construction Survey	1	LS	\$1,000	\$1,000
6.03	Erosion Control	1	LS	\$5,000	\$5,000
6.04	Traffic Control	1	LS	\$5,000	\$5,000
6.05	Project Sign "Small"	1	EACH	\$500	\$500
6.06	Clearing and Grubbing	0.1	ACRE	\$15,000	\$1,500
6.07	Topsoil Strip, Salvage, and Respread	80	CY	\$15	\$1,200
6.08	Class 10 Excavation, Roadway and Borrow	1500	CY	\$8	\$12,000
6.09	Storm Sewer, 18" RCP, Class III	60	LF	\$55	\$3,300
6.10	Storm Sewer Removal, 12" VCP	20	LF	\$15	\$300
6.11	Storm Sewer Removal, 15" RCP	40	LF	\$15	\$600
6.12	Storm Intake, Type M-F Modified	1	EACH	\$7,500	\$7,500
6.13	Storm Intake, 5'x5', Type M-G	1	EACH	\$4,000	\$4,000
6.14	Roadway Pavement, 8" HMA	15	SY	\$60	\$900
6.15	Sidewalk Pavement, 4" PCC	17	SY	\$30	\$510
6.16	Sidewalk Pavement, 4" PCC w/Integral Sloped Curb	90	SY	\$45	\$4,050
6.17	Roadway Pavement Removal, HMA	15	SY	\$7	\$105
6.18	Sidewalk Pavement Removal, PCC	88	SY	\$7	\$616
6.19	Sodding	38	SQ	\$40	\$1,520
6.20	Pneumatic Seeding: Seeding, Fertilization and Mulching	22	SQ	\$30	\$660
6.21	Turf Reinforcement Mat	230	SY	\$15	\$3,450
6.22	Chain Link Fence, 9 ft High, PVC Coated, Black	30	LF	\$75	\$2,250
SUBTOTAL DIVISION 6: 1543 27th Street					\$62,961

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ENGINEER'S FINAL OPINION OF PROBABLE COST
2009 DES MOINES STORM SEWER REPAIR CONTRACT #1
CITY OF DES MOINES, IOWA
Activity I.D.: 08-2009-021
July 6, 2009

Item	Bid Item	Quantity	Units	Unit Cost	Total Cost
Division 7: Other Sites					
7.01	1500 Tuttle Street	1	LS	\$35,000	\$35,000
7.02	3224 SE 4th Court	1	LS	\$16,440	\$16,440
7.03	822 East McKinley Avenue	1	LS	\$71,100	\$71,100
7.04	2400 Hickman Road	1	LS	\$25,000	\$25,000
7.05	3900 Maquoketa Drive	1	LS	\$38,000	\$38,000
7.06	2927 Capitol Avenue	1	LS	\$75,000	\$75,000
SUBTOTAL DIVISION 7: Other Sites					\$260,540
GRAND TOTAL - DIVISIONS 1, 2, 3, 4, 5, 6, and 7					\$957,298