



7 E

DATE June 14, 2010

ORDERING CONSTRUCTION OF
33RD STREET SEWER SEPARATION
AND FIXING A DATE FOR RECEIVING OF BIDS ON JUNE 29, 2010
AND PUBLIC HEARING ON JULY 12, 2010
ENGINEER'S ESTIMATE IS \$1,690,060.00

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:

33rd Street Sewer Separation, 07-2009-008
08-DRI-034

This improvement includes the separation of the City's combined sanitary and storm sewer system at several locations west of downtown and in the proximity of I-235. The construction includes the installation of manholes, intakes, storm sewer piping and sanitary sewer piping and the replacement of street pavement, sidewalks, and other related items; all in accordance with the contract documents including Plan File Nos. 517 – 145/172. The project locations include 33rd Street from Woodland Avenue to Center Street, 37th Street from Crocker Street to Cottage Grove Avenue, Cottage Grove Avenue from 35th Street to 38th Street, Kingman Boulevard from 37th Street to 40th Place, M. L. King Jr. Parkway from Leyner Street to Crocker Street, the 2500 block of Center Street, and 35th Street north of Ingersoll Avenue, Des Moines, Iowa,

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,690,060.00. 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 July 12, 2010, 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 June 29, 2010, 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 June 29, 2010, 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

7E

DATE June 14, 2010

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 10-343 attached.)

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-9, CSS - 33rd Street Sewer Separation, SAE-130, Being: \$1,200,000 in HUD Disaster funds from the Iowa Department of Economic Development for 100% of construction costs associated with the 33rd Street Sewer Separation (\$1,200,000 maximum) in Federal Jumpstart Infrastructure Assistance funds, with the remaining \$490,060 in Sanitary Sewer Funds.

| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|------|--------|
| COWNIE | | | | |
| COLEMAN | | | | |
| GREISS | | | | |
| HENSLEY | | | | |
| MAHAFFEY | | | | |
| MEYER | | | | |
| MOORE | | | | |
| TOTAL | | | | |

MOTION CARRIED APPROVED

Mayor

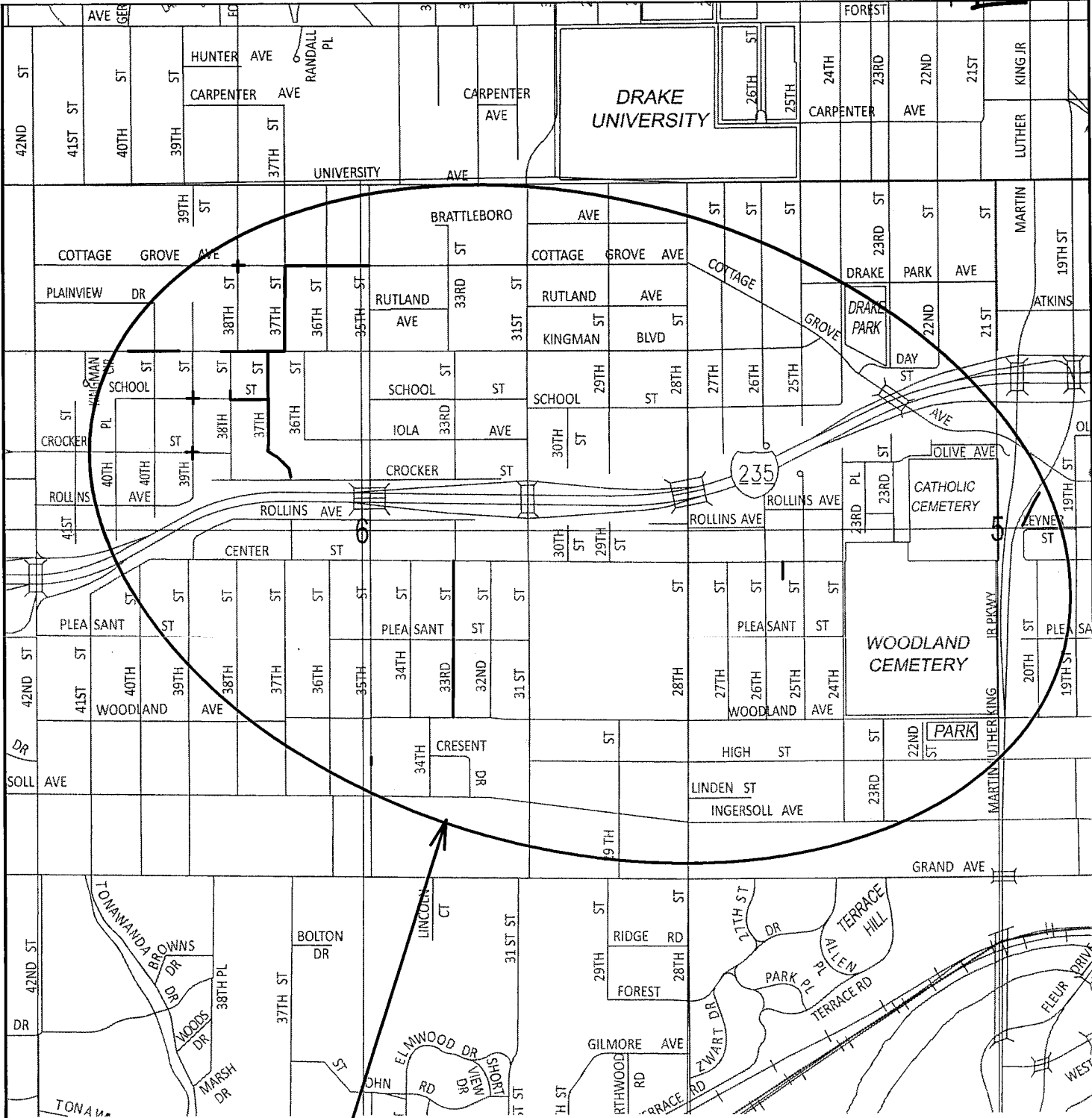
CERTIFICATE

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.

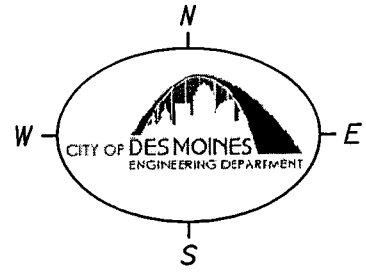
City Clerk

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PROJECT LOCATION



33RD STREET SEWER SEPARATION ACTIVITY I.D. 07-2009-008

7E

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2009-008
IDOT PROJ NO.: None
DATE: 6/01/10

PROJECT: 33rd STREET SEWER SEPARATION

| NO. | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|-----|--|-----------------|-------|-------------|--------------|
| | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 1 | * Traffic Control | LS | 1 | \$23,000.00 | \$23,000.00 |
| 2 | * Construction Staking | LS | 1 | \$20,000.00 | \$20,000.00 |
| 3 | * Mobilization | LS | 1 | \$40,000.00 | \$40,000.00 |
| 4 | * Project Sign, Large IDED | LS | 1 | \$2,000.00 | \$2,000.00 |
| 5 | * Clearing and Grubbing | DI | 161 | \$275.00 | \$44,275.00 |
| 6 | * Tree Protection | LS | 1 | \$1,000.00 | \$1,000.00 |
| 7 | * Tree Protection Fence | LF | 1320 | \$2.00 | \$2,640.00 |
| 8 | * Removal of Existing Manhole/Intake | EACH | 29 | \$1,750.00 | \$50,750.00 |
| 9 | * Removal of Existing Pavement | SY | 7032 | \$8.00 | \$56,256.00 |
| 10 | * Removal of Existing Driveway | SY | 793 | \$7.00 | \$5,551.00 |
| 11 | * Removal of Existing Sidewalk | SY | 644 | \$7.00 | \$4,508.00 |
| 12 | * Removal of Existing Pipe - Less than 36" | LF | 412 | \$8.00 | \$3,296.00 |
| 13 | Plug Existing Pipe | EACH | 34 | \$2,000.00 | \$68,000.00 |
| 14 | Flowable Mortar | CY | 26 | \$100.00 | \$2,600.00 |
| 15 | * Subgrade Core Out Excavation | CY | 150 | \$10.00 | \$1,500.00 |
| 16 | Subgrade Replacement | SY | 850 | \$5.00 | \$4,250.00 |
| 17 | Storm Sewer, 12 in. RCP, Class 3 | LF | 97 | \$75.00 | \$7,275.00 |
| 18 | Storm Sewer, 15 in. RCP, Class 3 | LF | 685 | \$80.00 | \$54,800.00 |
| 19 | Storm Sewer, 18 in. RCP, Class 3 | LF | 391 | \$87.00 | \$34,017.00 |
| 20 | Storm Sewer, 21 in. RCP, Class 3 | LF | 290 | \$96.00 | \$27,840.00 |
| 21 | Storm Sewer, 24 in. RCP, Class 3 | LF | 1314 | \$105.00 | \$137,970.00 |
| 22 | Storm Sewer, 42 in. RCP, Class 3 | LF | 72 | \$140.00 | \$10,080.00 |
| 23 | Precast RCBC, 6 ft. x 6 ft., Single Cell | LF | 62 | \$500.00 | \$31,000.00 |
| 24 | Sanitary Sewer, 8 in. PVC Pipe | LF | 799 | \$70.00 | \$55,930.00 |

| NO. | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|-----|---|-----------------|-------|-------------|--------------|
| | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 25 | Sanitary Sewer, 10 in. PVC Pipe | LF | 643 | \$86.00 | \$55,298.00 |
| 26 | Sanitary Sewer, 8 in. D.I. Pipe | LF | 10 | \$75.00 | \$750.00 |
| 27 | Sanitary Sewer, 10 in. D.I. Pipe | LF | 10 | \$90.00 | \$900.00 |
| 28 | Sanitary Sewer, 12 in. D.I. Pipe | LF | 10 | \$100.00 | \$1,000.00 |
| 29 | Directional Bored Sanitary Sewer, 8 in. Pipe | LF | 89 | \$130.00 | \$11,570.00 |
| 30 | 4 in. Sanitary Service Pipe | LF | 181 | \$49.00 | \$8,869.00 |
| 31 | 6 in. DI Sanitary Service Pipe | LF | 451 | \$55.00 | \$24,805.00 |
| 32 | Sanitary Service Connection | EACH | 19 | \$470.00 | \$8,930.00 |
| 33 | Water Main, 8 in. Restrained Joint D.I. Pipe | LF | 24 | \$50.00 | \$1,200.00 |
| 34 | Water Main, 12 in. Restrained Joint D.I. Pipe | LF | 24 | \$65.00 | \$1,560.00 |
| 35 | Fittings, Water Main | LB | 1300 | \$4.00 | \$5,200.00 |
| 36 | Copper Water Service Relocation | EACH | 37 | \$1,750.00 | \$64,750.00 |
| 37 | New Water Service | EACH | 15 | \$1,750.00 | \$26,250.00 |
| 38 | Type M-A Intake, Cast In Place | EACH | 14 | \$2,900.00 | \$40,600.00 |
| 39 | Type M-B Intake, 84 in. Dia., Cast In Place | EACH | 1 | \$4,200.00 | \$4,200.00 |
| 40 | Type M-C Intake, Cast In Place | EACH | 1 | \$4,700.00 | \$4,700.00 |
| 41 | Type M-C Intake Mod, Cast In Place | EACH | 1 | \$6,500.00 | \$6,500.00 |
| 42 | Type M-E Intake Mod, Cast In Place | EACH | 1 | \$7,000.00 | \$7,000.00 |
| 43 | Modify Existing Intake | EACH | 5 | \$700.00 | \$3,500.00 |
| 44 | Type M-A Storm Manhole, 48 in. Dia. | EACH | 5 | \$2,900.00 | \$14,500.00 |
| 45 | Type M-A Storm Manhole, 60 in. Dia. | EACH | 4 | \$3,500.00 | \$14,000.00 |
| 46 | MH above RCBC | EACH | 1 | \$2,900.00 | \$2,900.00 |
| 47 | Type A Sanitary Manhole | EACH | 10 | \$7,000.00 | \$70,000.00 |
| 48 | Type I Sanitary Manhole, 72 in. Dia. | EACH | 1 | \$10,000.00 | \$10,000.00 |
| 49 | Drop Connection | EACH | 3 | \$2,000.00 | \$6,000.00 |
| 50 | Connection to Existing Intake | EACH | 9 | \$875.00 | \$7,875.00 |
| 51 | Connection to Existing Manhole | EACH | 1 | \$875.00 | \$875.00 |
| 52 | PCC Pavement, 7 in. C-4 Class 3 | SY | 2772 | \$55.00 | \$152,460.00 |

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| NO. | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|------|---|-----------------|-------|-------------|--------------|
| | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 53 | PCC Pavement, 8 in. C-4 Class 3 | SY | 1828 | \$65.00 | \$118,820.00 |
| 54 | PCC Pavement, 9 in. C-4 Class 3 | SY | 686 | \$70.00 | \$48,020.00 |
| 55 | PCC Pavement, 9 in. M-4 Class 3 | SY | 202 | \$74.00 | \$14,948.00 |
| 56 | HMA (1M ESAL) Base, 3/4 in. | TON | 315 | \$80.00 | \$25,200.00 |
| 57 | HMA (1M ESAL) Intermediate, 3/4 in. | TON | 315 | \$80.00 | \$25,200.00 |
| 58 | HMA (1M ESAL) Surf, 1/2 in., No Fric | TON | 1136 | \$80.00 | \$90,880.00 |
| 59 | Driveway, 6 in. C-4 PCC | SY | 692 | \$42.00 | \$29,064.00 |
| 60 | Driveway, 8 in. C-4 PCC | SY | 29 | \$65.00 | \$1,885.00 |
| 61 | Driveway, 9 in. C-4 PCC | SY | 4 | \$70.00 | \$280.00 |
| 62 | Driveway, 9 in. M-4 PCC | SY | 63 | \$74.00 | \$4,662.00 |
| 63 | Driveway, 6 in. HMA | SY | 29 | \$40.00 | \$1,160.00 |
| 64 | Class A Crushed Road Stone | TON | 32 | \$20.00 | \$640.00 |
| 65 | HMA Milling | SY | 3482 | \$2.00 | \$6,964.00 |
| 66 | Sidewalk, 4 in. PCC | SY | 617 | \$47.00 | \$28,999.00 |
| 67 | Sidewalk, 6 in. PCC | SY | 28 | \$50.00 | \$1,400.00 |
| 68 | Detectable Warning, Pre-Manufactured Panels | SF | 264 | \$47.00 | \$12,408.00 |
| 69 * | Sod | SQ | 400 | \$52.00 | \$20,800.00 |
| 70 * | Silt Fence and Pollution Prevention Plan | LS | 1 | \$14,000.00 | \$14,000.00 |
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Prepared By: Jordan Kappos, Veentra & Kimm, Inc.

Checked By: *Charles A Lepak*

TOTAL CONSTRUCTION COST \$1,690,060.00

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$289,576.00