

DATE November 7, 2011

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT
DOCUMENTS, AND ENGINEER'S ESTIMATE ON
2011 SEWER REPAIR - CONTRACT 2;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS T K CONCRETE INC., TONY J. VER MEER, PRESIDENT, \$157,488.00

WHEREAS, on October 10, 2011, under Roll Call No. 11-1696, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2011 Sewer Repair - Contract 2, 08-2011-010

The improvement includes replacement of storm and sanitary sewers, installation of manhole & rip rap, grading, restoration of pavement and landscaping, and other incidental items; all work in accordance with the contract documents including Plan File Nos. 535-003/015 at the following locations: 2300 East Grand Avenue, 121 East Rose Avenue, 4005 S.W. 26th Street, S.E. 15th Street and Harriet Street, 2611 Aurora Avenue, and 2021 22nd Street, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

★ **Roll Call Number**

Agenda Item Number

52

DATE November 7, 2011

T K Concrete Inc.	Pella, IA
Machin LC Excavating & Plumbing	Newton, IA
Electric Company of Greater Des Moines	Johnston, IA
Van Hauen & Associates, Inc.	Grimes, IA
Priority Excavating LLC	Des Moines, IA
Reilly Construction Co., Inc.	Ossian, IA
Neuvirth's Construction, Inc.	Blair, NE
Synergy Contracting LLC	Bondurant, IA
Raccoon Valley Contractors, LLC.	Waukee, IA

which were received and 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 October 25, 2011. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by T K Concrete Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA, 50219 in the amount of \$157,488.00, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.

★ **Roll Call Number**

Agenda Item Number

52

DATE November 7, 2011

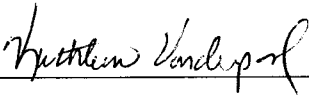
BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

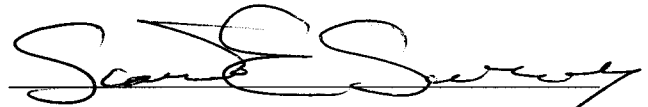
(City Council Communication Number 11-685 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE





Kathleen Vanderpool
Deputy City Attorney

Scott E. Sanders
Des Moines Finance Director

JB Funding Source: 2011-2012 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, STE057, Storm Water Utility Funds, Being: \$96,071.00 in FEMA funding; and the remaining \$61,417.00 in City-wide Storm Water Utility Projects.

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

MOTION CARRIED

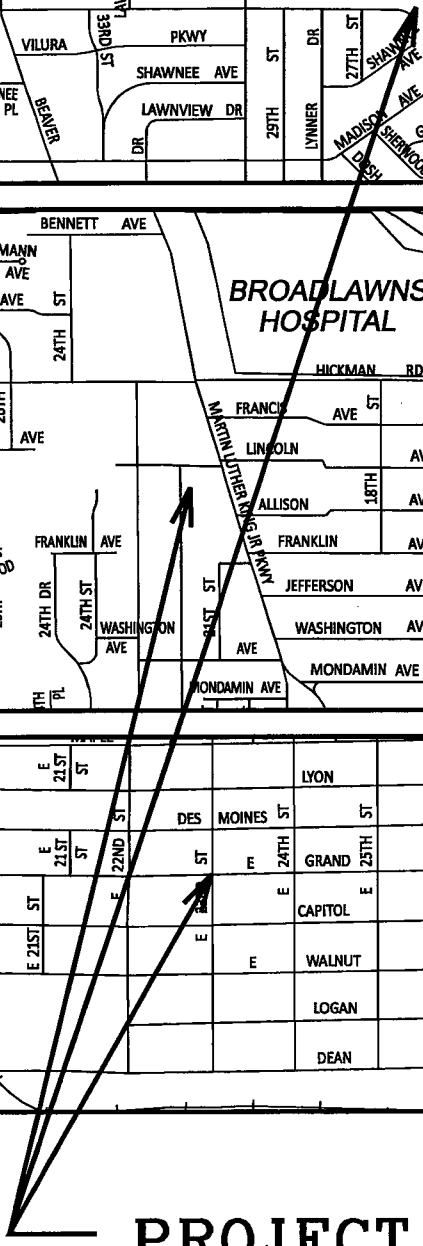
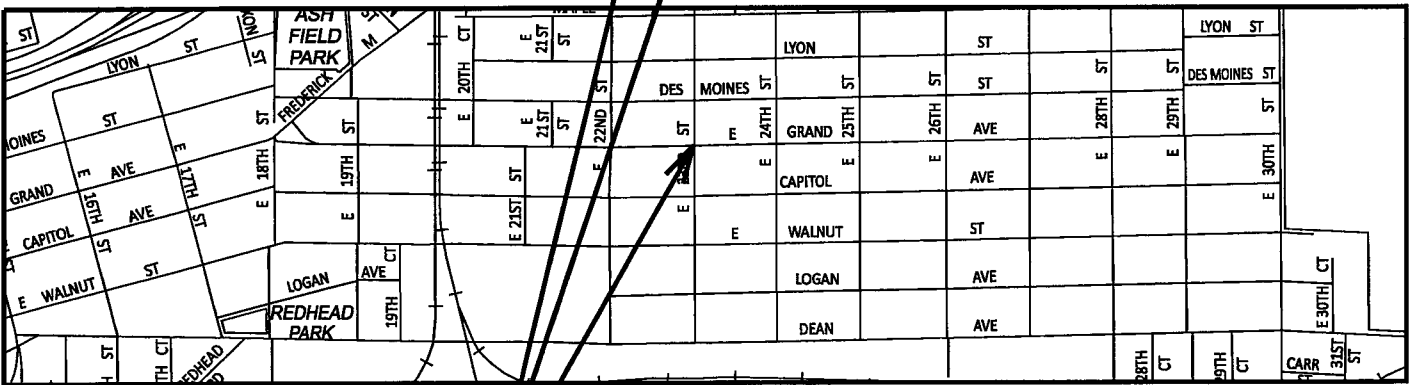
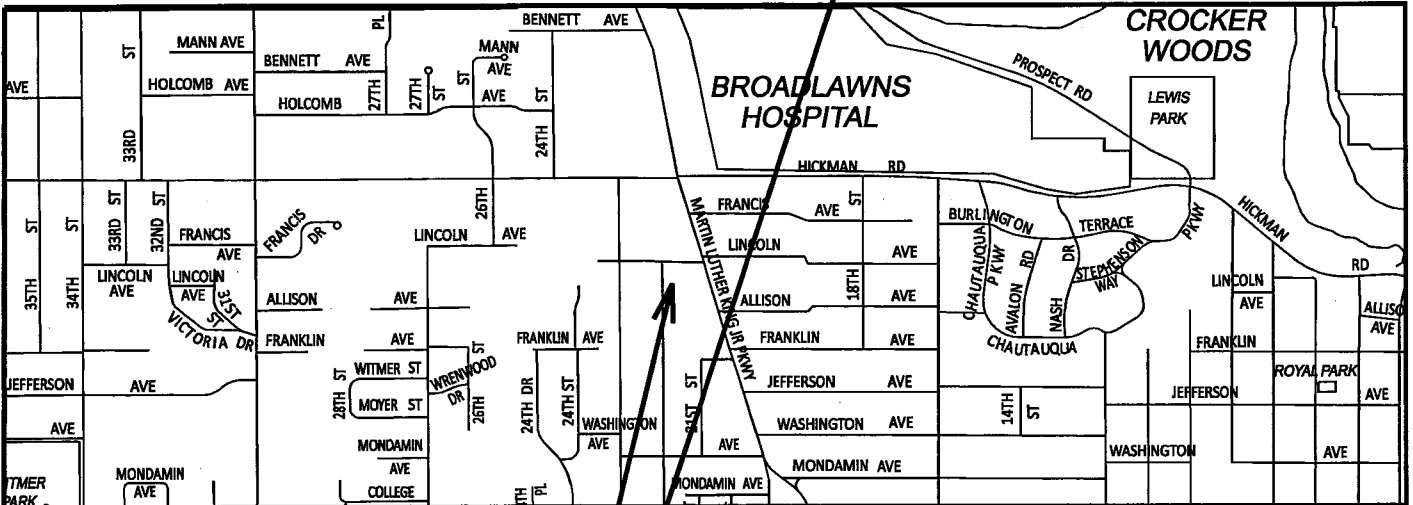
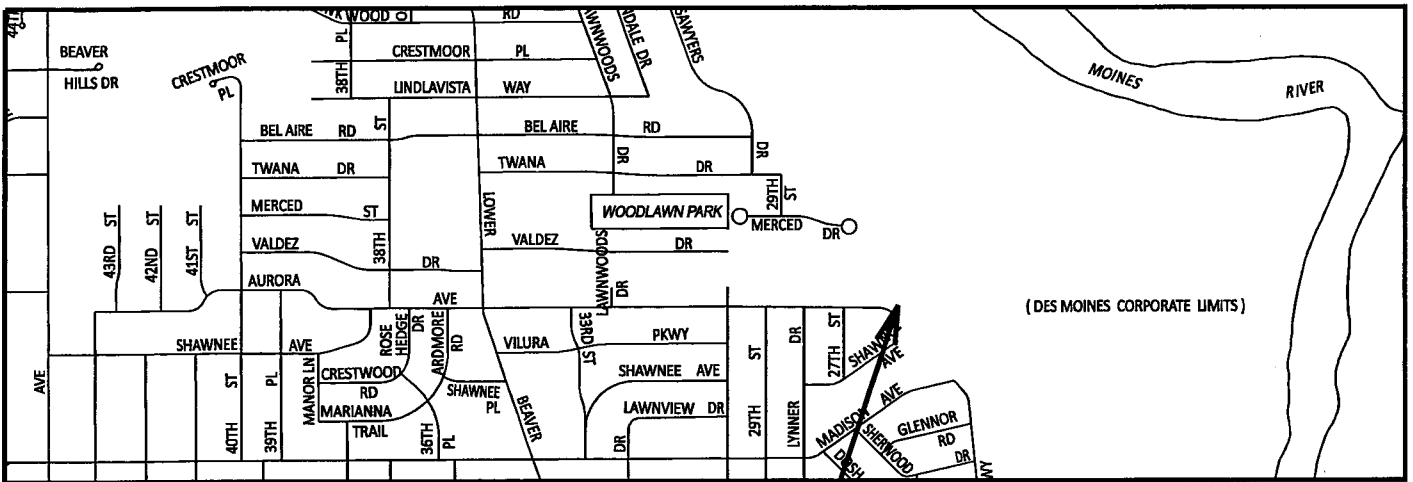
APPROVED

Mayor

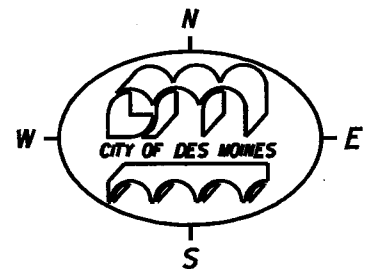
I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

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

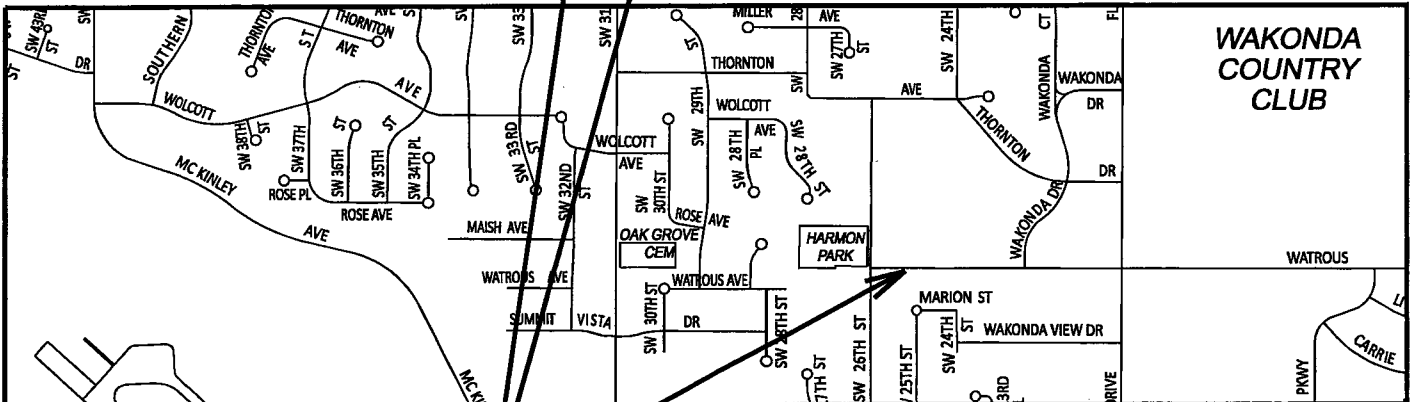
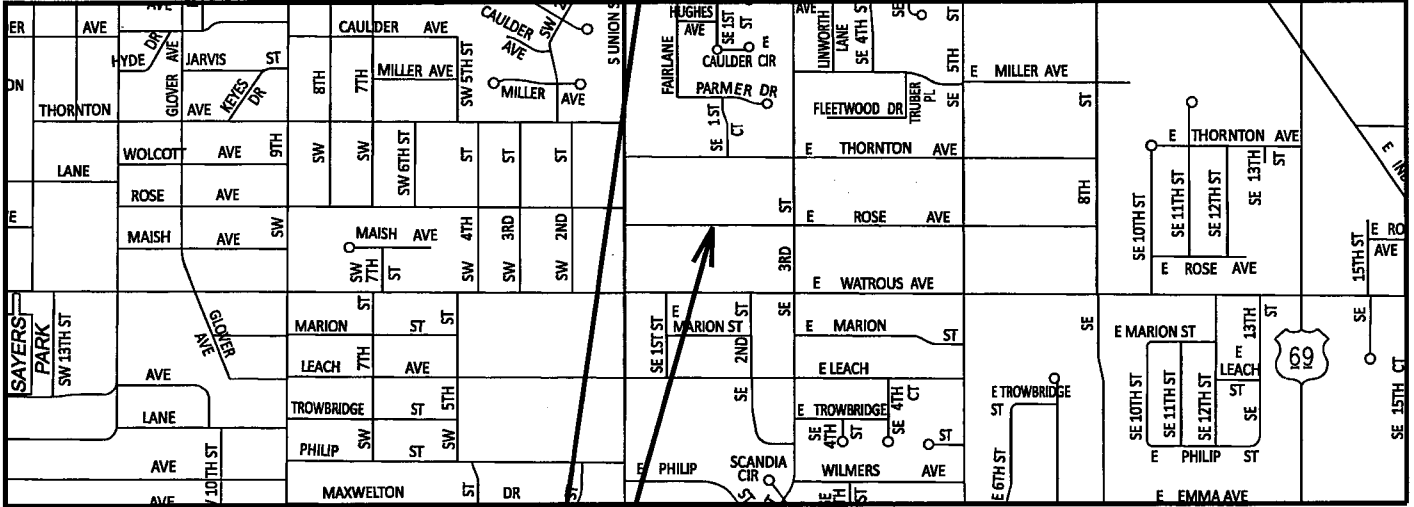
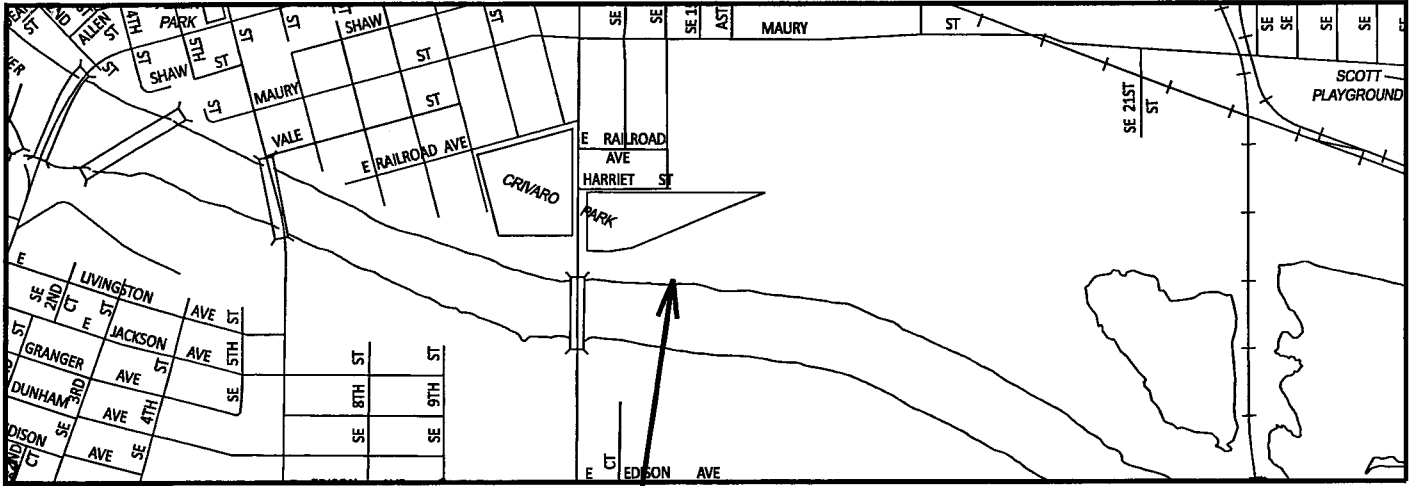
City Clerk



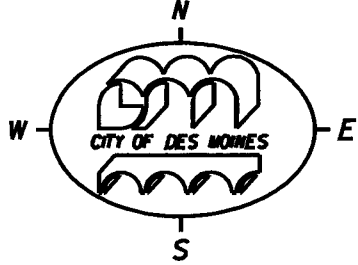
**PROJECT
LOCATIONS**



**2011 SEWER REPAIR - CONTRACT 2
ACTIVITY ID 08-2011-010
PAGE 1 OF 2**



**PROJECT
LOCATIONS**



TABULATED BY: Z. Erickson
CHECKED BY: *[Signature]* APPROVED BY: *[Signature]*

CONTRACTOR'S BID TABULATION
PROJECT: 2011 SEWER REPAIR - CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE		AMOUNT		TK Concrete, Inc. Pella, IA		Machin, L.C. Newton, IA		Great Plains Pipe and Structures Des Moines, IA		
			UNIT	PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
DIVISION 1: 2300 E. Grand Avenue													
1.01	Mobilization	1 LS		\$500.00	\$500.00		\$3,400.00		\$1,656.00		\$2,000.00		\$2,000.00
1.02	Construction Survey	1 LS		\$700.00	\$700.00		\$550.00		\$1,012.00		\$550.00		\$550.00
1.03	Traffic Control	1 LS		\$1,500.00	\$1,500.00		\$2,500.00		\$644.00		\$1,900.00		\$1,900.00
1.04	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00		\$110.00		\$368.00		\$78.75		\$78.75
1.05	Removal of Existing Storm Sewer, <36"	12 LF		\$300.00	\$3,600.00		\$300.00		\$74.00		\$888.00		\$675.00
1.06	Sewer, Class 3 RCP Storm, 12"	12 LF		\$70.00	\$840.00		\$60.00		\$74.00		\$888.00		\$1,158.00
1.07	Sidewalk Removal	66 SF		\$3.00	\$198.00		\$2.00		\$3.70		\$8.00		\$528.00
1.08	Pavement Removal	18 SY		\$30.00	\$540.00		\$20.00		\$49.70		\$29.00		\$522.00
1.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	14 SY		\$75.00	\$1,050.00		\$145.00		\$120.00		\$1,680.00		\$1,911.00
1.10	Sidewalk, PCC, 6"	66 SF		\$8.00	\$528.00		\$6.00		\$11.00		\$726.00		\$825.00
1.11	Detectable Warnings, Truncated Domes	6 SF		\$40.00	\$240.00		\$35.00		\$32.00		\$192.00		\$390.00
1.12	Curb and Gutter	12 LF		\$25.00	\$300.00		\$20.00		\$51.00		\$612.00		\$1,092.00
1.13	Earthwork	1 LS		\$300.00	\$300.00		\$250.00		\$1,840.00		\$350.00		\$350.00
1.14	Sodding	2 SQ		\$60.00	\$120.00		\$50.00		\$184.00		\$37.75		\$75.50
1.15	Erosion Control Measures	10 LF		\$4.00	\$40.00		\$3.50		\$4.60		\$46.00		\$35.00
DIVISION 2: 121 E. Rose Avenue													
2.01	Mobilization	1 LS		\$574.00	\$574.00		\$1,900.00		\$1,656.00		\$2,000.00		\$2,000.00
2.02	Construction Survey	1 LS		\$300.00	\$300.00		\$550.00		\$460.00		\$250.00		\$250.00
2.03	Traffic Control	1 LS		\$500.00	\$500.00		\$1,650.00		\$644.00		\$375.00		\$375.00
2.04	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00		\$110.00		\$368.00		\$78.75		\$78.75
2.05	Removal of Existing Storm Sewer, <36"	25 LF		\$30.00	\$750.00		\$25.00		\$73.60		\$40.50		\$1,012.50
2.06	Sewer, Class 3 RCP Storm, 12"	25 LF		\$70.00	\$1,750.00		\$60.00		\$73.60		\$70.25		\$1,756.25
2.07	Earthwork	1 LS		\$300.00	\$300.00		\$250.00		\$1,840.00		\$350.00		\$350.00
2.08	Pavement Removal	20 SY		\$30.00	\$600.00		\$20.00		\$49.70		\$26.00		\$520.00
2.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	10 SY		\$75.00	\$750.00		\$155.00		\$129.00		\$147.00		\$1,470.00
2.10	Curb and Gutter	35 LF		\$25.00	\$875.00		\$20.00		\$55.20		\$72.50		\$2,537.50
2.11	Sodding	4 SQ		\$60.00	\$240.00		\$50.00		\$184.00		\$37.75		\$151.00
2.12	Erosion Control Measures	10 LF		\$4.00	\$40.00		\$3.50		\$4.60		\$3.50		\$35.00
2.13	Tree Protection	1 LS		\$650.00	\$650.00		\$650.00		\$184.00		\$675.00		\$675.00
2.14	Tree Protection Fence	55 LF		\$3.00	\$165.00		\$3.00		\$3.70		\$203.50		\$151.25
DIVISION 3: 4005 SW 26th Street													
3.01	Mobilization	1 LS		\$1,100.00	\$1,100.00		\$2,400.00		\$1,840.00		\$2,000.00		\$2,000.00
3.02	Construction Survey	1 LS		\$600.00	\$600.00		\$550.00		\$460.00		\$550.00		\$550.00
3.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00		\$110.00		\$368.00		\$78.75		\$78.75
3.04	Removal of Existing Storm Sewer, =>36"	25 LF		\$30.00	\$750.00		\$25.00		\$73.60		\$40.50		\$1,012.50
3.05	Removal of Existing Storm Sewer, <36"	15 LF		\$30.00	\$450.00		\$25.00		\$9.20		\$45.00		\$675.00
3.06	Sewer, Class 3 RCP Storm, 36"	25 LF		\$180.00	\$4,500.00		\$150.00		\$92.00		\$120.00		\$3,000.00
3.07	Connections to Existing, Storm Structure	2 EACH		\$800.00	\$1,600.00		\$750.00		\$736.00		\$800.00		\$1,600.00
3.08	Clean Existing Storm Sewer	80 LF		\$15.00	\$1,200.00		\$15.00		\$21.20		\$40.75		\$3,260.00
3.09	Removal of Existing Sanitary Sewer, <36"	25 LF		\$25.00	\$625.00		\$25.00		\$73.60		\$54.00		\$1,350.00

52

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
3.10	Sewer, PVC SDR 26 Sanitary, 10"	25 LF	\$150.00	\$3,750.00	\$150.00	\$3,750.00	\$64.40	\$1,610.00	\$82.00	\$2,050.00
3.11	Sewer, PVC SDR 26 Storm, 6"	15 LF	\$70.00	\$1,050.00	\$70.00	\$1,050.00	\$46.00	\$690.00	\$96.75	\$1,451.25
3.12	Earthwork	1 LS	\$500.00	\$500.00	\$400.00	\$400.00	\$3,680.00	\$3,680.00	\$525.00	\$525.00
3.13	Sidewalk Removal	188 SF	\$3.00	\$564.00	\$2.00	\$376.00	\$3.70	\$695.60	\$7.25	\$1,363.00
3.14	Sidewalk, PCC, 4"	188 SF	\$7.00	\$1,316.00	\$4.00	\$752.00	\$7.40	\$1,391.20	\$8.50	\$1,598.00
3.15	Granular Surface, Class A Crushed Stone	13 TON	\$40.00	\$520.00	\$25.00	\$325.00	\$28.00	\$364.00	\$42.00	\$546.00
3.16	Clearing and Grubbing	1 LS	\$1,500.00	\$1,500.00	\$1,320.00	\$1,320.00	\$1,840.00	\$1,840.00	\$1,275.00	\$1,275.00
3.17	Sodding	10 SQ	\$60.00	\$600.00	\$50.00	\$500.00	\$184.00	\$1,840.00	\$37.75	\$377.50
3.18	Erosion Control Measures	180 LF	\$4.00	\$720.00	\$3.50	\$630.00	\$4.60	\$828.00	\$3.50	\$630.00
DIVISION 4: SE 15th and Harriet Street										
4.01	Mobilization	1 LS	\$4,000.00	\$4,000.00	\$4,900.00	\$4,900.00	\$1,840.00	\$1,840.00	\$2,000.00	\$2,000.00
4.02	Construction Survey	1 LS	\$1,000.00	\$1,000.00	\$550.00	\$550.00	\$920.00	\$920.00	\$850.00	\$850.00
4.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$110.00	\$110.00	\$368.00	\$368.00	\$78.75	\$78.75
4.04	Clearing and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$920.00	\$920.00	\$5,250.00	\$5,250.00
4.05	Removal of Existing Storm Sewer, >36"	60 LF	\$60.00	\$3,600.00	\$50.00	\$3,000.00	\$101.20	\$6,072.00	\$40.25	\$2,415.00
4.06	Sewer, Class 3 RCP Storm, 54"	60 LF	\$275.00	\$16,500.00	\$250.00	\$15,000.00	\$138.00	\$8,280.00	\$275.00	\$16,500.00
4.07	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$3,680.00	\$3,680.00	\$7,350.00	\$7,350.00
4.08	Riprap Class "E"	620 TON	\$45.00	\$27,900.00	\$40.00	\$24,800.00	\$29.50	\$18,290.00	\$36.50	\$22,630.00
4.09	Riprap Class "B"	240 TON	\$60.00	\$14,400.00	\$46.00	\$11,040.00	\$29.50	\$7,080.00	\$45.00	\$10,800.00
4.10	Riprap Granular Bedding Material	52 TON	\$1,560.00	\$81,120.00	\$1,352.00	\$70,464.00	\$29.50	\$1,534.00	\$2,145.00	\$2,145.00
4.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	105 SQ	\$20.00	\$2,100.00	\$20.00	\$2,100.00	\$19.40	\$2,037.00	\$18.25	\$1,916.25
4.12	Erosion Control Measures	150 LF	\$4.00	\$600.00	\$3.50	\$525.00	\$4.60	\$690.00	\$3.50	\$525.00
4.13	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$368.00	\$368.00	\$675.00	\$675.00
4.14	Tree Protection Fence	410 LF	\$3.00	\$1,230.00	\$3.00	\$1,230.00	\$3.70	\$1,517.00	\$2.75	\$1,127.50
DIVISION 5: 2611 Aurora Avenue										
5.01	Mobilization	1 LS	\$1,500.00	\$1,500.00	\$2,650.00	\$2,650.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
5.02	Construction Survey	1 LS	\$700.00	\$700.00	\$1,100.00	\$1,100.00	\$920.00	\$920.00	\$650.00	\$650.00
5.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$110.00	\$110.00	\$368.00	\$368.00	\$78.75	\$78.75
5.04	Remove and Replace Existing Riprap	1 LS	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$1,840.00	\$1,840.00	\$2,425.00	\$2,425.00
5.05	Remove Sediment Build-up in Channel	1 LS	\$2,500.00	\$2,500.00	\$2,250.00	\$2,250.00	\$2,944.00	\$2,944.00	\$2,425.00	\$2,425.00
5.06	Grout Existing Gabions (East Bank)	57 LF	\$120.00	\$6,840.00	\$100.00	\$5,700.00	\$57.00	\$3,249.00	\$61.50	\$3,505.50
5.07	Riprap Class "E"	45 TON	\$90.00	\$4,050.00	\$50.00	\$2,250.00	\$32.00	\$1,440.00	\$54.50	\$2,452.50
5.08	Grouted Riprap Wedge, Class "E"	19 TON	\$110.00	\$2,090.00	\$100.00	\$1,900.00	\$46.00	\$874.00	\$200.00	\$3,800.00
5.09	Sidewalk Removal	70 SF	\$3.00	\$210.00	\$2.00	\$140.00	\$3.70	\$259.00	\$7.00	\$490.00
5.10	Sidewalk, PCC, 4"	70 SF	\$8.00	\$560.00	\$4.00	\$280.00	\$9.20	\$644.00	\$10.50	\$735.00
5.11	Earthwork	1 LS	\$500.00	\$500.00	\$400.00	\$400.00	\$3,680.00	\$3,680.00	\$525.00	\$525.00
5.12	Sodding	20 SQ	\$60.00	\$1,200.00	\$50.00	\$1,000.00	\$184.00	\$3,680.00	\$37.75	\$755.00
5.13	Erosion Control Measures	50 LF	\$4.00	\$200.00	\$3.50	\$175.00	\$4.60	\$230.00	\$3.50	\$175.00
5.14	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$368.00	\$368.00	\$675.00	\$675.00
5.15	Tree Protection Fence	135 LF	\$3.00	\$405.00	\$3.00	\$405.00	\$3.70	\$499.50	\$2.75	\$371.25
DIVISION 6: 2021 22nd Street										
6.01	Mobilization	1 LS	\$1,000.00	\$1,000.00	\$2,200.00	\$2,200.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
6.02	Construction Survey	1 LS	\$700.00	\$700.00	\$550.00	\$550.00	\$460.00	\$460.00	\$750.00	\$750.00
6.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$110.00	\$110.00	\$368.00	\$368.00	\$78.75	\$78.75
6.04	Clearing and Grubbing	1 LS	\$2,500.00	\$2,500.00	\$2,250.00	\$2,250.00	\$1,840.00	\$1,840.00	\$1,900.00	\$1,900.00
6.05	Chain Link Fence, Removal and Replacement	20 LF	\$50.00	\$1,000.00	\$30.00	\$600.00	\$18.40	\$368.00	\$26.25	\$525.00
6.06	Removal of Existing Sanitary Sewer, <36"	32 LF	\$25.00	\$800.00	\$25.00	\$800.00	\$92.00	\$2,944.00	\$52.75	\$1,688.00
6.07	Sewer, PVC SDR 26 Sanitary, 6"	32 LF	\$70.00	\$2,240.00	\$55.00	\$1,760.00	\$55.20	\$1,766.40	\$67.75	\$2,168.00
6.08	Junction Drop Manhole, Sanitary, 48"	1 EA	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00	\$8,280.00	\$8,280.00	\$5,750.00	\$5,750.00
6.09	Earthwork	1 LS	\$500.00	\$500.00	\$400.00	\$400.00	\$9,200.00	\$9,200.00	\$525.00	\$525.00
6.10	Sodding	4 SQ	\$60.00	\$240.00	\$50.00	\$200.00	\$184.00	\$736.00	\$37.75	\$151.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
6.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	52 SQ	\$20.00	\$1,040.00	\$20.00	\$1,040.00	\$19.40	\$1,008.80	\$18.25	\$949.00
6.12	Erosion Control Measures	50 LF	\$4.00	\$200.00	\$3.50	\$175.00	\$4.60	\$230.00	\$3.50	\$175.00
6.13	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$368.00	\$368.00	\$675.00	\$675.00
6.14	Tree Protection Fence	110 LF	\$3.00	\$330.00	\$3.00	\$330.00	\$3.70	\$407.00	\$2.75	\$302.50
TOTAL CONSTRUCTION COST				\$166,000.00		\$157,488.00		\$158,152.80		\$159,757.25
PERCENT OF ENGINEER'S ESTIMATE						-5.13%		-4.73%		-3.76%
						Low				

TABULATED BY: Z. Erickson APPROVED BY: R. De Groot
CHECKED BY: _____

CONTRACTOR'S BID TABULATION
PROJECT: 2011 SEWER REPAIR - CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		BID PRICE		UNIT	AMOUNT		BID PRICE	UNIT	AMOUNT	
			PRICE	PRICE	PRICE	PRICE	PRICE	PRICE		PRICE	PRICE			PRICE	PRICE
DIVISION 1: 2300 E. Grand Avenue															
1.01	Mobilization	1 LS	\$500.00		\$500.00		\$1,250.00		\$1,250.00		\$3,500.00		\$3,500.00		\$3,500.00
1.02	Construction Survey	1 LS	\$700.00		\$700.00		\$500.00		\$500.00		\$500.00		\$500.00		\$500.00
1.03	Traffic Control	1 LS	\$1,500.00		\$1,500.00		\$3,000.00		\$3,000.00		\$3,000.00		\$3,000.00		\$3,000.00
1.04	Project Sign Small - Standard	1 EACH	\$300.00		\$300.00		\$75.00		\$75.00		\$300.00		\$300.00		\$300.00
1.05	Removal of Existing Storm Sewer, <36"	12 LF	\$30.00		\$360.00		\$300.00		\$300.00		\$35.00		\$420.00		\$390.00
1.06	Sewer, Class 3 RCP Storm, 12"	12 LF	\$70.00		\$840.00		\$2,040.00		\$2,040.00		\$65.00		\$780.00		\$1,500.00
1.07	Sidewalk Removal	66 SF	\$3.00		\$198.00		\$3.00		\$198.00		\$3.00		\$198.00		\$330.00
1.08	Pavement Removal	18 SY	\$30.00		\$540.00		\$540.00		\$540.00		\$20.00		\$360.00		\$720.00
1.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	14 SY	\$75.00		\$1,050.00		\$2,590.00		\$2,590.00		\$50.00		\$700.00		\$2,240.00
1.10	Sidewalk, PCC, 6"	66 SF	\$8.00		\$528.00		\$990.00		\$990.00		\$10.00		\$660.00		\$858.00
1.11	Detectable Warnings, Truncated Domes	6 SF	\$40.00		\$240.00		\$180.00		\$180.00		\$30.00		\$180.00		\$210.00
1.12	Curb and Gutter	12 LF	\$25.00		\$300.00		\$1,200.00		\$1,200.00		\$50.00		\$600.00		\$780.00
1.13	Earthwork	1 LS	\$300.00		\$300.00		\$300.00		\$300.00		\$500.00		\$500.00		\$750.00
1.14	Sodding	2 SQ	\$60.00		\$120.00		\$36.00		\$72.00		\$55.00		\$110.00		\$360.00
1.15	Erosion Control Measures	10 LF	\$4.00		\$40.00		\$32.50		\$32.50		\$20.00		\$200.00		\$50.00
DIVISION 2: 121 E. Rose Avenue															
2.01	Mobilization	1 LS	\$574.00		\$574.00		\$1,250.00		\$1,250.00		\$1,000.00		\$1,000.00		\$600.00
2.02	Construction Survey	1 LS	\$300.00		\$300.00		\$500.00		\$500.00		\$1,500.00		\$1,500.00		\$550.00
2.03	Traffic Control	1 LS	\$500.00		\$500.00		\$500.00		\$500.00		\$3,000.00		\$3,000.00		\$1,800.00
2.04	Project Sign Small - Standard	1 EACH	\$300.00		\$300.00		\$75.00		\$75.00		\$300.00		\$300.00		\$75.00
2.05	Removal of Existing Storm Sewer, <36"	25 LF	\$30.00		\$750.00		\$500.00		\$500.00		\$35.00		\$875.00		\$812.50
2.06	Sewer, Class 3 RCP Storm, 12"	25 LF	\$70.00		\$1,750.00		\$2,500.00		\$2,500.00		\$65.00		\$1,625.00		\$2,750.00
2.07	Earthwork	1 LS	\$300.00		\$300.00		\$300.00		\$300.00		\$500.00		\$500.00		\$750.00
2.08	Pavement Removal	20 SY	\$30.00		\$600.00		\$600.00		\$600.00		\$20.00		\$400.00		\$700.00
2.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	10 SY	\$75.00		\$750.00		\$2,000.00		\$2,000.00		\$50.00		\$500.00		\$1,700.00
2.10	Curb and Gutter	35 LF	\$25.00		\$875.00		\$1,750.00		\$1,750.00		\$50.00		\$1,750.00		\$2,275.00
2.11	Sodding	4 SQ	\$60.00		\$240.00		\$144.00		\$144.00		\$55.00		\$220.00		\$720.00
2.12	Erosion Control Measures	10 LF	\$4.00		\$40.00		\$32.50		\$32.50		\$20.00		\$200.00		\$50.00
2.13	Tree Protection	1 LS	\$650.00		\$650.00		\$650.00		\$650.00		\$300.00		\$300.00		\$1,000.00
2.14	Tree Protection Fence	55 LF	\$3.00		\$165.00		\$137.50		\$137.50		\$5.00		\$275.00		\$275.00
DIVISION 3: 4005 SW 26th Street															
3.01	Mobilization	1 LS	\$1,100.00		\$1,100.00		\$2,500.00		\$2,500.00		\$1,500.00		\$1,500.00		\$600.00
3.02	Construction Survey	1 LS	\$600.00		\$600.00		\$500.00		\$500.00		\$750.00		\$750.00		\$550.00
3.03	Project Sign Small - Standard	1 EACH	\$300.00		\$300.00		\$75.00		\$75.00		\$300.00		\$300.00		\$75.00
3.04	Removal of Existing Storm Sewer, =>36"	25 LF	\$30.00		\$750.00		\$625.00		\$625.00		\$25.00		\$625.00		\$812.50
3.05	Removal of Existing Storm Sewer, <36"	15 LF	\$30.00		\$450.00		\$300.00		\$300.00		\$25.00		\$375.00		\$412.50
3.06	Sewer, Class 3 RCP Storm, 36"	25 LF	\$180.00		\$4,500.00		\$5,750.00		\$5,750.00		\$200.00		\$5,000.00		\$4,875.00
3.07	Connections to Existing, Storm Structure	2 EACH	\$800.00		\$1,600.00		\$2,200.00		\$2,200.00		\$1,000.00		\$2,000.00		\$1,700.00
3.08	Clean Existing Storm Sewer	80 LF	\$15.00		\$1,200.00		\$1,600.00		\$1,600.00		\$12.00		\$960.00		\$2,400.00
3.09	Removal of Existing Sanitary Sewer, <36"	25 LF	\$25.00		\$625.00		\$500.00		\$500.00		\$25.00		\$625.00		\$400.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
3.10	Sewer, PVC SDR 26 Sanitary, 10"	25 LF	\$150.00	\$3,750.00	\$145.00	\$3,625.00	\$250.00	\$6,250.00	\$160.00	\$4,000.00
3.11	Sewer, PVC SDR 26 Storm, 6"	15 LF	\$70.00	\$1,050.00	\$75.00	\$1,125.00	\$75.00	\$1,125.00	\$60.00	\$900.00
3.12	Earthwork	1 LS	\$500.00	\$500.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
3.13	Sidewalk Removal	188 SF	\$3.00	\$564.00	\$2.00	\$376.00	\$3.50	\$658.00	\$4.50	\$846.00
3.14	Sidewalk, PCC, 4"	188 SF	\$7.00	\$1,316.00	\$9.00	\$1,692.00	\$8.00	\$1,504.00	\$10.00	\$1,880.00
3.15	Granular Surface, Class A Crushed Stone	13 TON	\$40.00	\$520.00	\$25.00	\$325.00	\$20.00	\$260.00	\$40.00	\$520.00
3.16	Clearing and Grubbing	1 LS	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
3.17	Sodding	10 SQ	\$60.00	\$600.00	\$36.00	\$360.00	\$55.00	\$550.00	\$180.00	\$1,800.00
3.18	Erosion Control Measures	180 LF	\$4.00	\$720.00	\$3.25	\$585.00	\$6.00	\$1,080.00	\$5.00	\$900.00
DIVISION 4: SE 15th and Harriet Street										
4.01	Mobilization	1 LS	\$4,000.00	\$4,000.00	\$7,450.00	\$7,450.00	\$3,000.00	\$3,000.00	\$600.00	\$600.00
4.02	Construction Survey	1 LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$550.00	\$550.00
4.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$300.00	\$300.00	\$75.00	\$75.00
4.04	Clearing and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00
4.05	Removal of Existing Storm Sewer, >36"	60 LF	\$60.00	\$3,600.00	\$20.00	\$1,200.00	\$30.00	\$1,800.00	\$55.00	\$3,300.00
4.06	Sewer, Class 3 RCP Storm, 54"	60 LF	\$275.00	\$16,500.00	\$320.00	\$19,200.00	\$300.00	\$18,000.00	\$440.00	\$26,400.00
4.07	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$500.00	\$500.00	\$600.00	\$600.00	\$10,000.00	\$10,000.00
4.08	Riprap Class "E"	620 TON	\$45.00	\$27,900.00	\$50.00	\$31,000.00	\$57.00	\$35,340.00	\$55.00	\$34,100.00
4.09	Riprap Class "B"	240 TON	\$60.00	\$14,400.00	\$55.00	\$13,200.00	\$50.00	\$12,000.00	\$60.00	\$14,400.00
4.10	Riprap Granular Bedding Material	52 TON	\$30.00	\$1,560.00	\$25.00	\$1,300.00	\$32.00	\$1,664.00	\$48.00	\$2,496.00
4.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	105 SQ	\$20.00	\$2,100.00	\$17.50	\$1,837.50	\$13.00	\$1,365.00	\$38.00	\$3,990.00
4.12	Erosion Control Measures	150 SF	\$4.00	\$600.00	\$3.25	\$487.50	\$6.00	\$900.00	\$5.00	\$750.00
4.13	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$300.00	\$300.00	\$1,000.00	\$1,000.00
4.14	Tree Protection Fence	410 LF	\$3.00	\$1,230.00	\$2.50	\$1,025.00	\$5.00	\$2,050.00	\$5.00	\$2,050.00
DIVISION 5: 2611 Aurora Avenue										
5.01	Mobilization	1 LS	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$600.00	\$600.00
5.02	Construction Survey	1 LS	\$700.00	\$700.00	\$500.00	\$500.00	\$2,200.00	\$2,200.00	\$1,100.00	\$1,100.00
5.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$300.00	\$300.00	\$75.00	\$75.00
5.04	Remove and Replace Existing Riprap	1 LS	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$4,000.00	\$4,000.00
5.05	Remove Sediment Build-up in Channel	1 LS	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
5.06	Grout Existing Gabions (East Bank)	57 LF	\$120.00	\$6,840.00	\$80.00	\$4,560.00	\$150.00	\$8,550.00	\$120.00	\$6,840.00
5.07	Riprap Class "E"	45 TON	\$90.00	\$4,050.00	\$70.00	\$3,150.00	\$74.00	\$3,330.00	\$80.00	\$3,600.00
5.08	GROUTED Riprap Wedge, Class "E"	19 TON	\$110.00	\$2,090.00	\$100.00	\$1,900.00	\$115.00	\$2,185.00	\$130.00	\$2,470.00
5.09	Sidewalk Removal	70 SF	\$3.00	\$210.00	\$3.00	\$210.00	\$5.00	\$350.00	\$4.50	\$315.00
5.10	Sidewalk, PCC, 4"	70 SF	\$8.00	\$560.00	\$15.00	\$1,050.00	\$10.00	\$700.00	\$11.00	\$770.00
5.11	Earthwork	1 LS	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$750.00	\$750.00
5.12	Sodding	20 SQ	\$60.00	\$1,200.00	\$36.00	\$720.00	\$55.00	\$1,100.00	\$180.00	\$3,600.00
5.13	Erosion Control Measures	50 LF	\$4.00	\$200.00	\$3.25	\$162.50	\$6.00	\$300.00	\$5.00	\$250.00
5.14	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
5.15	Tree Protection Fence	135 LF	\$3.00	\$405.00	\$2.50	\$337.50	\$5.00	\$675.00	\$5.00	\$675.00
DIVISION 6: 2021 22nd Street										
6.01	Mobilization	1 LS	\$1,000.00	\$1,000.00	\$4,500.00	\$4,500.00	\$7,000.00	\$7,000.00	\$600.00	\$600.00
6.02	Construction Survey	1 LS	\$700.00	\$700.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$550.00	\$550.00
6.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$300.00	\$300.00	\$75.00	\$75.00
6.04	Clearing and Grubbing	1 LS	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00
6.05	Chain Link Fence, Removal and Replacement	20 LF	\$50.00	\$1,000.00	\$25.00	\$500.00	\$30.00	\$600.00	\$35.00	\$700.00
6.06	Removal of Existing Sanitary Sewer, <36"	32 LF	\$25.00	\$800.00	\$20.00	\$640.00	\$50.00	\$1,600.00	\$22.50	\$720.00
6.07	Sewer, PVC SDR 26 Sanitary, 6"	32 LF	\$70.00	\$2,240.00	\$45.00	\$1,440.00	\$135.00	\$4,320.00	\$108.00	\$3,456.00
6.08	Junction Drop Manhole, Sanitary, 48"	1 EA	\$7,000.00	\$7,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00
6.09	Earthwork	1 LS	\$500.00	\$500.00	\$500.00	\$500.00	\$800.00	\$800.00	\$750.00	\$750.00
6.10	Sodding	4 SQ	\$60.00	\$240.00	\$36.00	\$144.00	\$55.00	\$220.00	\$180.00	\$720.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
6.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	52 SQ	\$20.00	\$1,040.00	\$17.50	\$910.00	\$25.00	\$1,300.00	\$35.00	\$1,820.00	
6.12	Erosion Control Measures	50 LF	\$4.00	\$200.00	\$3.25	\$162.50	\$6.00	\$300.00	\$5.00	\$250.00	
6.13	Tree Protection	1 LS	\$650.00	\$650.00	\$650.00	\$650.00	\$5.00	\$5.00	\$1,000.00	\$1,000.00	
6.14	Tree Protection Fence	110 LF	\$3.00	\$330.00	\$2.50	\$275.00	\$6.00	\$660.00	\$5.00	\$550.00	
TOTAL CONSTRUCTION COST				\$166,000.00	\$188,881.00	\$205,929.00	\$206,868.50				
PERCENT OF ENGINEER'S ESTIMATE					+13.78%	+24.05%	+24.63%				

TABULATED BY: Z. Erickson APPROVED BY: R. DeGroot
CHECKED BY:

CONTRACTOR'S BID TABULATION
PROJECT: 2011 SEWER REPAIR - CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		Neuirth Construction Inc Blair, NE		Synergy Contracting LLC Bondurant, IA		Raccoon Valley Contractors Waukee, IA	
			PRICE	AMOUNT	BID PRICE	AMOUNT	BID PRICE	AMOUNT	BID PRICE	AMOUNT	UNIT	PRICE
DIVISION 1: 2300 E. Grand Avenue												
1.01	Mobilization	1 LS	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
1.02	Construction Survey	1 LS	\$700.00	\$700.00	\$560.00	\$560.00	\$500.00	\$500.00	\$700.00	\$700.00	\$700.00	\$700.00
1.03	Traffic Control	1 LS	\$1,500.00	\$1,500.00	\$2,525.00	\$2,525.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
1.04	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$500.00	\$500.00	\$500.00	\$500.00
1.05	Removal of Existing Storm Sewer, <36"	12 LF	\$30.00	\$360.00	\$80.00	\$960.00	\$20.00	\$240.00	\$50.00	\$600.00	\$50.00	\$600.00
1.06	Sewer, Class 3 RCP Storm, 12"	12 LF	\$70.00	\$840.00	\$134.00	\$1,608.00	\$70.00	\$840.00	\$875.00	\$10,500.00	\$875.00	\$10,500.00
1.07	Sidewalk Removal	66 SF	\$3.00	\$198.00	\$2.00	\$132.00	\$3.00	\$198.00	\$3.00	\$198.00	\$3.00	\$198.00
1.08	Pavement Removal	18 SY	\$30.00	\$540.00	\$32.50	\$585.00	\$30.00	\$540.00	\$20.00	\$360.00	\$20.00	\$360.00
1.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	14 SY	\$75.00	\$1,050.00	\$220.00	\$3,080.00	\$140.00	\$1,960.00	\$200.00	\$2,800.00	\$200.00	\$2,800.00
1.10	Sidewalk, PCC, 6"	66 SF	\$8.00	\$528.00	\$9.00	\$594.00	\$6.00	\$396.00	\$6.00	\$396.00	\$6.00	\$396.00
1.11	Detectable Warnings, Truncated Domes	6 SF	\$40.00	\$240.00	\$45.00	\$270.00	\$40.00	\$240.00	\$40.00	\$240.00	\$40.00	\$240.00
1.12	Curb and Gutter	12 LF	\$25.00	\$300.00	\$56.25	\$675.00	\$40.00	\$480.00	\$50.00	\$600.00	\$50.00	\$600.00
1.13	Earthwork	1 LS	\$300.00	\$300.00	\$350.00	\$350.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
1.14	Sodding	2 SQ	\$60.00	\$120.00	\$169.00	\$338.00	\$100.00	\$200.00	\$150.00	\$300.00	\$150.00	\$300.00
1.15	Erosion Control Measures	10 LF	\$4.00	\$40.00	\$5.60	\$56.00	\$10.00	\$100.00	\$5.00	\$50.00	\$5.00	\$50.00
DIVISION 2: 121 E. Rose Avenue												
2.01	Mobilization	1 LS	\$574.00	\$574.00	\$1,500.00	\$1,500.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
2.02	Construction Survey	1 LS	\$300.00	\$300.00	\$560.00	\$560.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
2.03	Traffic Control	1 LS	\$500.00	\$500.00	\$1,700.00	\$1,700.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
2.04	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$300.00	\$300.00	\$300.00	\$300.00
2.05	Removal of Existing Storm Sewer, <36"	25 LF	\$30.00	\$750.00	\$20.00	\$500.00	\$30.00	\$300.00	\$50.00	\$500.00	\$50.00	\$500.00
2.06	Sewer, Class 3 RCP Storm, 12"	25 LF	\$70.00	\$1,750.00	\$74.50	\$1,862.50	\$70.00	\$1,750.00	\$416.00	\$10,400.00	\$416.00	\$10,400.00
2.07	Earthwork	1 LS	\$300.00	\$300.00	\$250.00	\$250.00	\$500.00	\$500.00	\$800.00	\$800.00	\$800.00	\$800.00
2.08	Pavement Removal	20 SY	\$30.00	\$600.00	\$35.00	\$700.00	\$30.00	\$600.00	\$20.00	\$400.00	\$20.00	\$400.00
2.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	10 SY	\$75.00	\$750.00	\$225.00	\$2,250.00	\$160.00	\$1,600.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
2.10	Curb and Gutter	35 LF	\$25.00	\$875.00	\$39.00	\$1,365.00	\$40.00	\$1,400.00	\$50.00	\$1,750.00	\$50.00	\$1,750.00
2.11	Sodding	4 SQ	\$60.00	\$240.00	\$169.00	\$676.00	\$100.00	\$400.00	\$150.00	\$600.00	\$150.00	\$600.00
2.12	Erosion Control Measures	10 LF	\$4.00	\$40.00	\$5.60	\$56.00	\$10.00	\$100.00	\$5.00	\$50.00	\$5.00	\$50.00
2.13	Tree Protection	1 LS	\$650.00	\$650.00	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
2.14	Tree Protection Fence	55 LF	\$3.00	\$165.00	\$5.60	\$308.00	\$2.00	\$110.00	\$6.00	\$330.00	\$6.00	\$330.00
DIVISION 3: 4005 SW 26th Street												
3.01	Mobilization	1 LS	\$1,100.00	\$1,100.00	\$1,700.00	\$1,700.00	\$16,000.00	\$16,000.00	\$600.00	\$600.00	\$600.00	\$600.00
3.02	Construction Survey	1 LS	\$600.00	\$600.00	\$560.00	\$560.00	\$500.00	\$500.00	\$700.00	\$700.00	\$700.00	\$700.00
3.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$300.00	\$300.00	\$300.00	\$300.00
3.04	Removal of Existing Storm Sewer, <36"	25 LF	\$30.00	\$750.00	\$20.00	\$500.00	\$30.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
3.05	Removal of Existing Storm Sewer, <36"	15 LF	\$30.00	\$450.00	\$20.00	\$300.00	\$30.00	\$300.00	\$15.00	\$225.00	\$15.00	\$225.00
3.06	Sewer, Class 3 RCP Storm, 36"	25 LF	\$180.00	\$4,500.00	\$137.25	\$3,431.25	\$180.00	\$4,500.00	\$355.00	\$8,875.00	\$355.00	\$8,875.00
3.07	Connections to Existing, Storm Structure	2 EACH	\$800.00	\$1,600.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$300.00	\$600.00
3.08	Clean Existing Storm Sewer	80 LF	\$15.00	\$1,200.00	\$5.60	\$448.00	\$15.00	\$1,200.00	\$38.00	\$3,040.00	\$38.00	\$3,040.00
3.09	Removal of Existing Sanitary Sewer, <36"	25 LF	\$25.00	\$625.00	\$20.00	\$500.00	\$30.00	\$750.00	\$15.00	\$375.00	\$15.00	\$375.00

52

ITEM	DESCRIPTION	QUANTITY		UNIT PRICE		AMOUNT		UNIT PRICE		AMOUNT	
3.10	Sewer, PVC SDR 26 Sanitary, 10"	25 LF		\$150.00	\$3,750.00	\$104.00	\$2,600.00	\$140.00	\$3,500.00	\$400.00	\$10,000.00
3.11	Sewer, PVC SDR 26 Storm, 6"	15 LF		\$70.00	\$1,050.00	\$41.00	\$615.00	\$60.00	\$900.00	\$64.00	\$960.00
3.12	Earthwork	1 LS		\$500.00	\$500.00	\$350.00	\$350.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
3.13	Sidewalk Removal	188 SF		\$3.00	\$564.00	\$2.00	\$376.00	\$3.00	\$564.00	\$4.00	\$752.00
3.14	Sidewalk, PCC, 4"	188 SF		\$7.00	\$1,316.00	\$5.60	\$1,052.80	\$6.00	\$1,128.00	\$6.00	\$1,128.00
3.15	Granular Surface, Class A Crushed Stone	13 TON		\$40.00	\$520.00	\$22.50	\$292.50	\$35.00	\$455.00	\$38.00	\$494.00
3.16	Clearing and Grubbing	1 LS		\$1,500.00	\$1,500.00	\$100.00	\$100.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00
3.17	Sodding	10 SQ		\$60.00	\$600.00	\$169.00	\$1,690.00	\$40.00	\$400.00	\$100.00	\$1,000.00
3.18	Erosion Control Measures	180 LF		\$4.00	\$720.00	\$5.60	\$1,008.00	\$3.00	\$540.00	\$3.00	\$540.00
DIVISION 4: SE 15th and Harriet Street											
4.01	Mobilization	1 LS		\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$26,000.00	\$26,000.00	\$3,600.00	\$3,600.00
4.02	Construction Survey	1 LS		\$1,000.00	\$1,000.00	\$560.00	\$560.00	\$500.00	\$500.00	\$700.00	\$700.00
4.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$300.00	\$300.00
4.04	Clearing and Grubbing	1 LS		\$5,000.00	\$5,000.00	\$4,200.00	\$4,200.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
4.05	Removal of Existing Storm Sewer, >36"	60 LF		\$60.00	\$3,600.00	\$120.00	\$7,200.00	\$60.00	\$3,600.00	\$50.00	\$3,000.00
4.06	Sewer, Class 3 RCP Storm, 54"	60 LF		\$275.00	\$16,500.00	\$417.00	\$25,020.00	\$250.00	\$15,000.00	\$548.00	\$32,880.00
4.07	Earthwork	1 LS		\$7,000.00	\$7,000.00	\$2,900.00	\$2,900.00	\$8,000.00	\$8,000.00	\$16,500.00	\$16,500.00
4.08	Riprap Class "E"	620 TON		\$45.00	\$27,900.00	\$63.00	\$39,060.00	\$55.00	\$34,100.00	\$52.75	\$32,705.00
4.09	Riprap Class "B"	240 TON		\$60.00	\$14,400.00	\$51.00	\$12,240.00	\$65.00	\$15,600.00	\$58.50	\$14,040.00
4.10	Riprap Granular Bedding Material	52 TON		\$30.00	\$1,560.00	\$75.00	\$3,900.00	\$33.00	\$1,716.00	\$44.00	\$2,288.00
4.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	105 SQ		\$20.00	\$2,100.00	\$21.50	\$2,257.50	\$15.00	\$1,575.00	\$30.00	\$3,150.00
4.12	Erosion Control Measures	150 LF		\$4.00	\$600.00	\$5.62	\$843.00	\$3.00	\$450.00	\$3.00	\$450.00
4.13	Tree Protection	1 LS		\$650.00	\$650.00	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$2.00	\$2.00
4.14	Tree Protection Fence	410 LF		\$3.00	\$1,230.00	\$5.60	\$2,296.00	\$2.00	\$820.00	\$1.00	\$410.00
DIVISION 5: 2611 Aurora Avenue											
5.01	Mobilization	1 LS		\$1,500.00	\$1,500.00	\$1,600.00	\$1,600.00	\$5,000.00	\$5,000.00	\$2,588.00	\$2,588.00
5.02	Construction Survey	1 LS		\$700.00	\$700.00	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$500.00	\$500.00
5.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$350.00	\$350.00
5.04	Remove and Replace Existing Riprap	1 LS		\$3,000.00	\$3,000.00	\$3,800.00	\$3,800.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
5.05	Remove Sediment Build-up in Channel	1 LS		\$2,500.00	\$2,500.00	\$4,200.00	\$4,200.00	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00
5.06	Grout Existing Gabions (East Bank)	57 LF		\$120.00	\$6,840.00	\$88.00	\$5,016.00	\$150.00	\$8,550.00	\$127.00	\$7,239.00
5.07	Riprap Class "E"	45 TON		\$90.00	\$4,050.00	\$92.00	\$4,140.00	\$58.28	\$2,622.60	\$234.00	\$10,530.00
5.08	Grouted Riprap Wedge, Class "E"	19 TON		\$110.00	\$2,090.00	\$205.00	\$3,895.00	\$63.88	\$1,213.72	\$234.00	\$4,446.00
5.09	Sidewalk Removal	70 SF		\$3.00	\$210.00	\$2.50	\$175.00	\$2.99	\$209.30	\$3.00	\$210.00
5.10	Sidewalk, PCC, 4"	70 SF		\$8.00	\$560.00	\$12.00	\$840.00	\$6.00	\$420.00	\$7.00	\$490.00
5.11	Earthwork	1 LS		\$500.00	\$500.00	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
5.12	Sodding	20 SQ		\$60.00	\$1,200.00	\$169.00	\$3,380.00	\$40.00	\$800.00	\$100.00	\$2,000.00
5.13	Erosion Control Measures	50 LF		\$4.00	\$200.00	\$5.60	\$280.00	\$3.00	\$150.00	\$5.00	\$250.00
5.14	Tree Protection	1 LS		\$650.00	\$650.00	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
5.15	Tree Protection Fence	135 LF		\$3.00	\$405.00	\$5.60	\$756.00	\$2.00	\$270.00	\$1.00	\$135.00
DIVISION 6: 2021 22nd Street											
6.01	Mobilization	1 LS		\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$3,549.00	\$3,549.00
6.02	Construction Survey	1 LS		\$700.00	\$700.00	\$560.00	\$560.00	\$200.00	\$200.00	\$600.00	\$600.00
6.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00	\$240.00	\$240.00	\$125.00	\$125.00	\$350.00	\$350.00
6.04	Clearing and Grubbing	1 LS		\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$6,000.00	\$6,000.00
6.05	Chain Link Fence, Removal and Replacement	20 LF		\$50.00	\$1,000.00	\$20.50	\$410.00	\$25.00	\$500.00	\$30.00	\$600.00
6.06	Removal of Existing Sanitary Sewer, <36"	32 LF		\$25.00	\$800.00	\$20.00	\$640.00	\$30.00	\$960.00	\$15.00	\$480.00
6.07	Sewer, PVC SDR 26 Sanitary, 6"	32 LF		\$75.00	\$2,400.00	\$126.00	\$4,032.00	\$80.00	\$2,560.00	\$215.00	\$6,880.00
6.08	Junction Drop Manhole, Sanitary, 48"	1 EA		\$7,000.00	\$7,000.00	\$21,500.00	\$21,500.00	\$9,000.00	\$9,000.00	\$11,875.00	\$11,875.00
6.09	Earthwork	1 LS		\$500.00	\$500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
6.10	Sodding	4 SQ		\$60.00	\$240.00	\$169.00	\$676.00	\$100.00	\$400.00	\$100.00	\$400.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
6.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	52 SQ	\$20.00	\$1,040.00	\$21.50	\$1,118.00	\$15.00	\$780.00	\$45.00	\$2,340.00
6.12	Erosion Control Measures	50 LF	\$4.00	\$200.00	\$5.60	\$280.00	\$3.00	\$150.00	\$3.50	\$175.00
6.13	Tree Protection	1 LS	\$650.00	\$650.00	\$1,125.00	\$1,125.00	\$500.00	\$500.00	\$500.00	\$500.00
6.14	Tree Protection Fence	110 LF	\$3.00	\$330.00	\$5.60	\$616.00	\$2.00	\$220.00	\$2.50	\$275.00
TOTAL CONSTRUCTION COST				\$166,000.00		\$216,089.55		\$234,457.62		\$276,000.00
PERCENT OF ENGINEER'S ESTIMATE					+30.17%		+41.24%		+66.27%	