



Roll Call Number

Agenda Item Number

12 B

DATE June 23, 2014

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR 2011 SEWER REPAIR - CONTRACT 2, T K CONCRETE INC.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 2011 Sewer Repair - Contract 2, 08-2011-010, in accordance with the contract approved between T K Concrete Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219, under Roll Call No. 11-1917, of November 7, 2011, 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 \$152,614.25 is the total cost, of which \$147,611.93 has been paid the Contractor, and \$423.89 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$4,578.43 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

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:

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Scott E. Sanders
Des Moines Finance Director

Funding Source: 2014-2015 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds, Being: \$118,020.13 in FEMA funding; and the remaining \$34,594.12, in City-wide Storm Water Utility Projects.

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

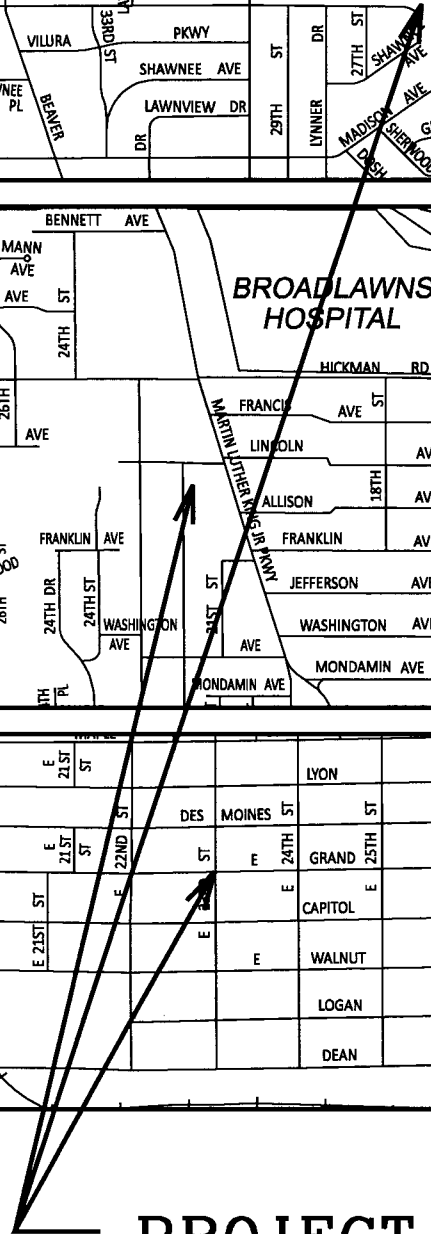
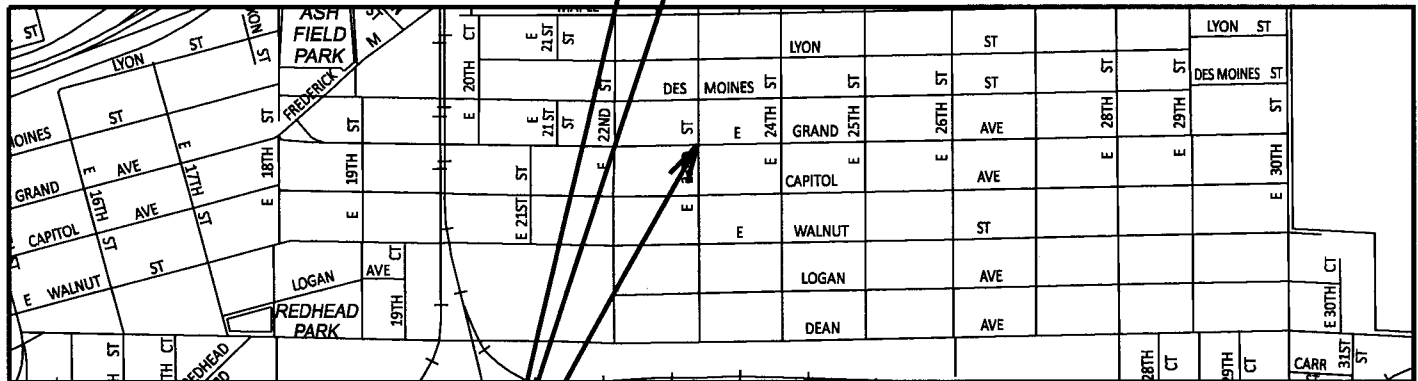
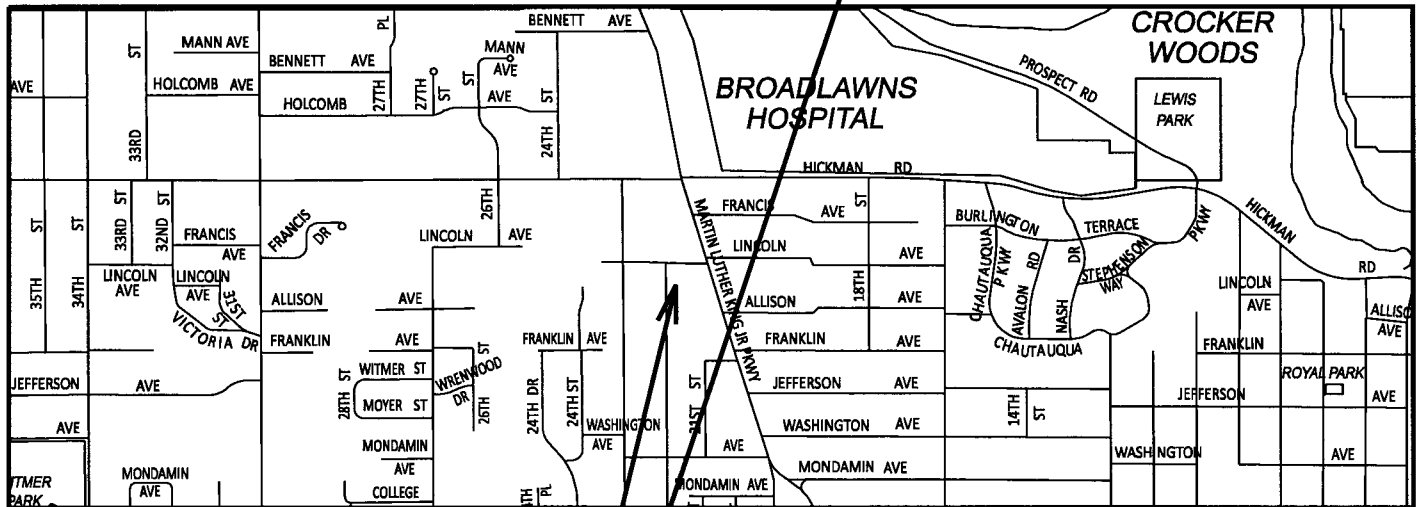
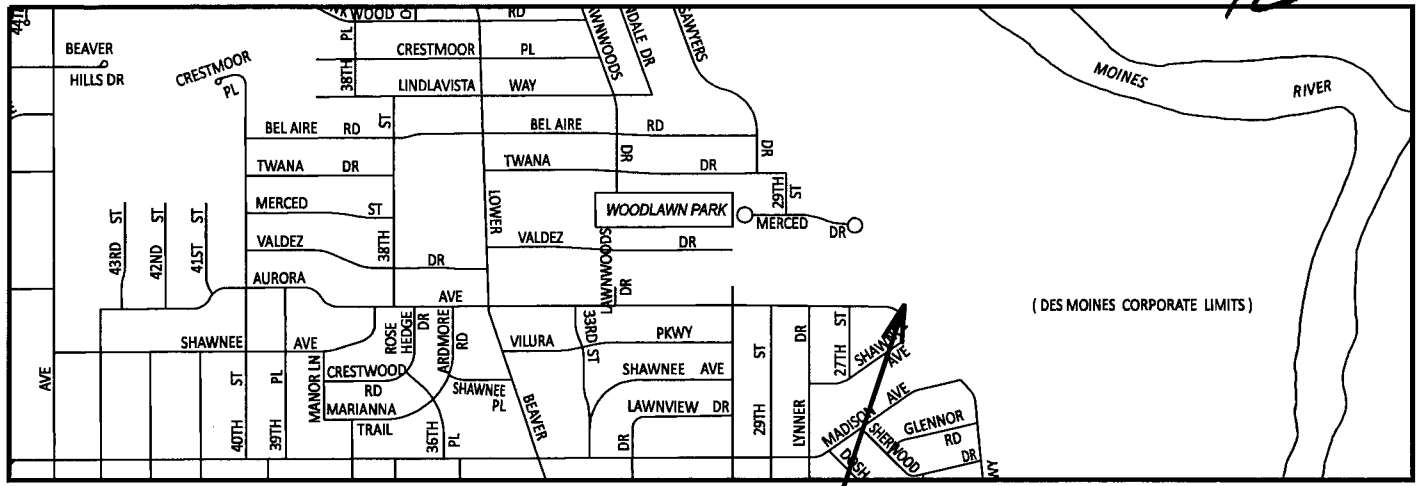
CERTIFICATE

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.

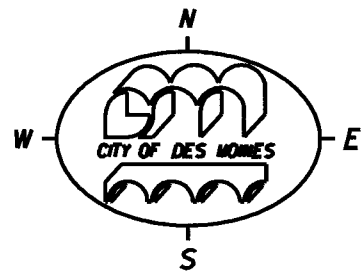
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

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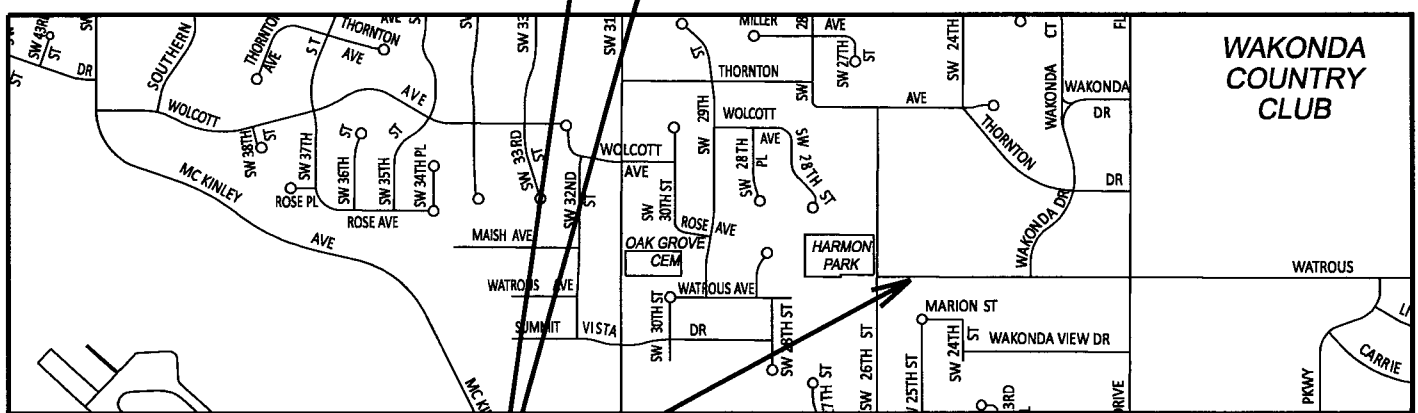
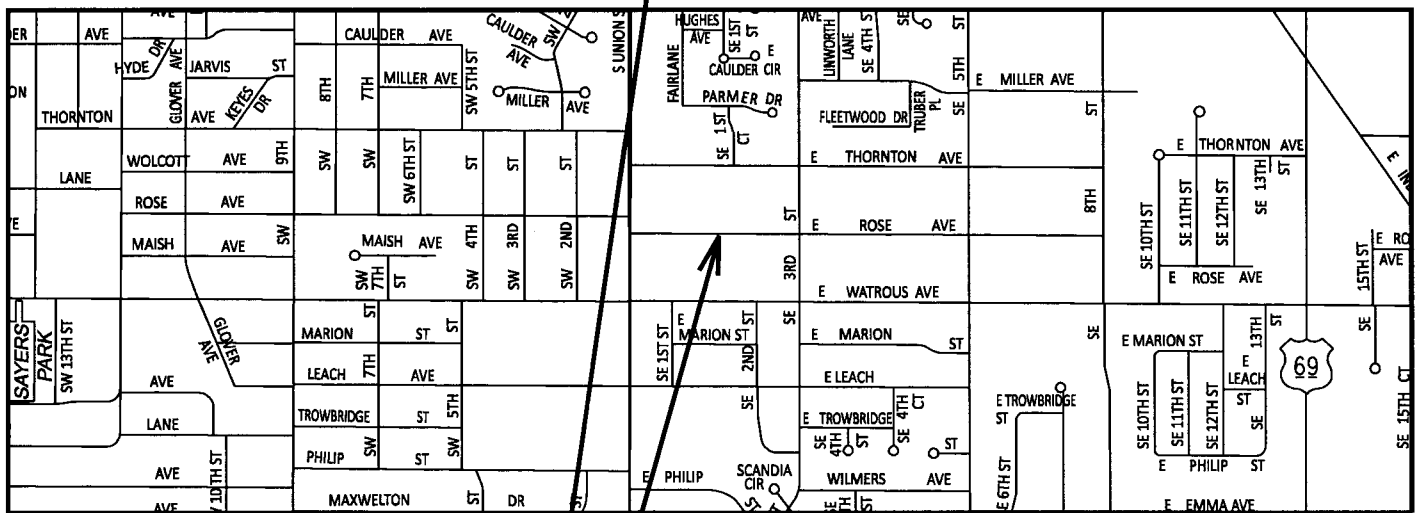
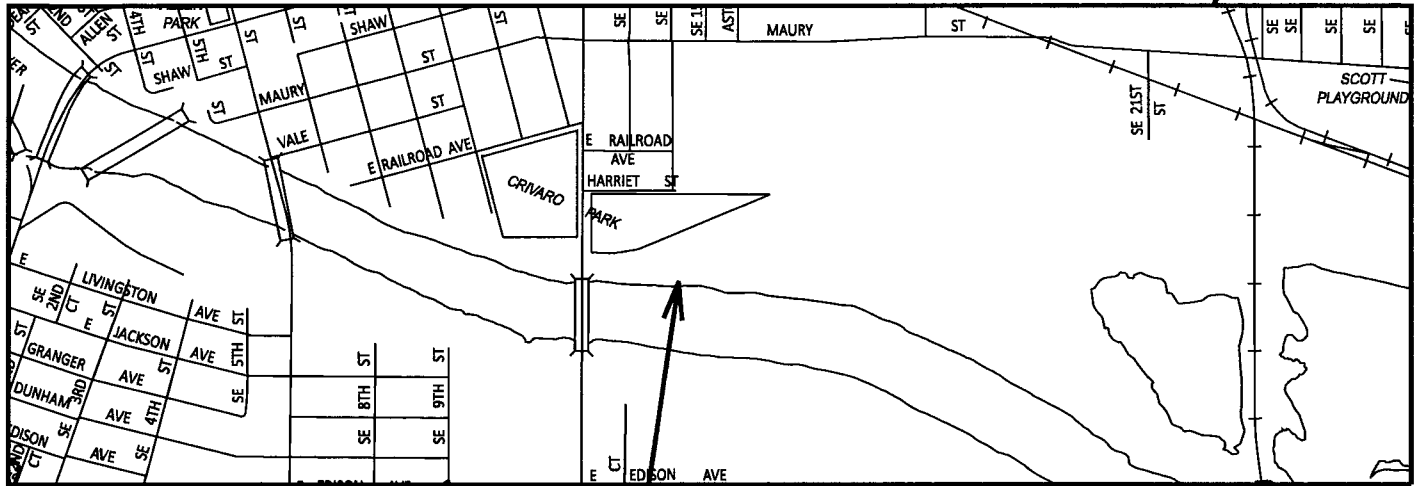


**PROJECT
LOCATIONS**

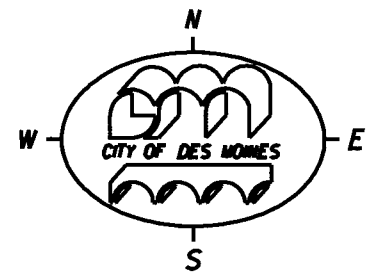


**2011 SEWER REPAIR - CONTRACT 2
ACTIVITY ID 08-2011-010**

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**PROJECT
LOCATIONS**



**2011 SEWER REPAIR - CONTRACT 2
ACTIVITY ID 08-2011-010
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PROJECT SUMMARY

2011 Sewer Repair - Contract 2

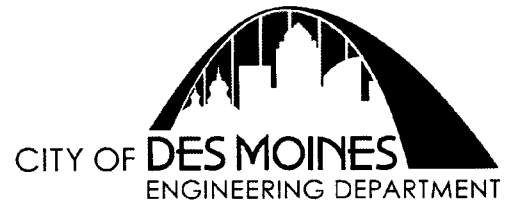
Activity ID 08-2011-010

On November 7, 2011, under Roll Call No. 11-1917, the Council awarded the contract for the above improvements to T K Concrete Inc., in the amount of \$157,488.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	1/5/2012 Concrete collars for repair of sinkholes at 15th & Harriett Street.	\$7,265.00
2	Engineering	2/23/2012 Changes to plan at 4005 SW 26th Street location to resolve additional sewer deficiencies.	\$16,592.00
3	Engineering	3/13/2012 Additional Revetment at Scott Avenue and Des Moines River	\$6,031.60
4	Engineering	3/30/2012 Replacement of sanitary sewer service and furnish suitable fill material at 2021 22nd Street location.	\$3,440.00
5	User	5/17/2012 Deduct 2300 E. Grand Avenue location from project	\$(10,603.00)
6	Engineering	7/25/2012 Adjustment of quantities to as-built measurements and liquidated damages.	\$(28,036.35)
7	Engineering	7/1/2013 Replacement of sod at 2611 Aurora Avenue.	\$437.00
Original Contract Amount			\$157,488.00
Total Change Orders			\$(4,873.75)
Percent of Change Orders to Original Contract			(3.09)%
Total Contract Amount			\$152,614.25

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June 23, 2014



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 2011 Sewer Repair - Contract 2, T K Concrete Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$152,614.25 As-Built Contract Cost

Funding Source: 2014-2015 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds, Being: \$118,020.13 in FEMA funding; and the remaining \$34,594.12 in City-wide Storm Water Utility Projects.

CERTIFICATION OF COMPLETION:

On November 7, 2011, under Roll Call No. 11-1917, the City Council awarded a contract to T K Concrete Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219 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

I hereby certify that the construction of said 2011 Sewer Repair - Contract 2, Activity ID 08-2011-010, 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 December 5, 2011, and was completed on June 4, 2014.

I further certify that \$152,614.25 is the total cost of said improvement, of which \$147,611.93 has been paid the Contractor and \$423.89 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$4,578.43 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

A handwritten signature in black ink that reads "JEB Brewer" followed by a small "P.E." to the right.

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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED

FOR WORK DONE FROM 07/31/12 to 08/12/13

FINAL PAYMENT (PAYMENT NO. 8)

PROJECT: 2011 SEWER REPAIR - CONTRACT 2
CONTRACTOR: TK CONCRETE, INC.

Activity ID: 08-2011-010
Date: 08/13/13

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LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
DIVISION 1: 2300 E. Grand Avenue						
1.01	Mobilization	LS	1.000	0.000	0.000	\$0.00
1.02	Construction Survey	LS	1.000	0.000	0.000	\$0.00
1.03	Traffic Control	LS	1.000	0.000	0.000	\$0.00
1.04	Project Sign Small - Standard	EACH	1.000	0.000	0.000	\$0.00
1.05	Removal of Existing Storm Sewer, <36"	LF	12.000	0.000	0.000	\$0.00
1.06	Sewer, Class 3 RCP Storm, 12"	LF	12.000	0.000	0.000	\$0.00
1.07	Sidewalk Removal	SF	66.000	0.000	0.000	\$0.00
1.08	Pavement Removal	SY	18.000	0.000	0.000	\$0.00
1.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	SY	14.000	0.000	0.000	\$0.00
1.10	Sidewalk, PCC, 6"	SF	66.000	0.000	0.000	\$0.00
1.11	Detectable Warnings, Truncated Domes	SF	6.000	0.000	0.000	\$0.00
1.12	Curb and Gutter	LF	12.000	0.000	0.000	\$0.00
1.13	Earthwork	LS	1.000	0.000	0.000	\$0.00
1.14	Sodding	SQ	2.000	0.000	0.000	\$0.00
1.15	Erosion Control Measures	LF	10.000	0.000	0.000	\$0.00
DIVISION 2: 121 E. Rose Avenue						
2.01	Mobilization	LS	1.000	1.000	1.000	\$1,900.00
2.02	Construction Survey	LS	1.000	1.000	1.000	\$550.00
2.03	Traffic Control	LS	1.000	1.000	1.000	\$1,650.00
2.04	Project Sign Small - Standard	EACH	1.000	0.000	0.000	\$0.00
2.05	Removal of Existing Storm Sewer, <36"	LF	25.000	25.000	25.000	\$625.00
2.06	Sewer, Class 3 RCP Storm, 12"	LF	25.000	25.000	25.000	\$1,500.00
2.07	Earthwork	LS	1.000	1.000	1.000	\$250.00
2.08	Pavement Removal	SY	20.000	19.440	19.440	\$388.80
2.09	HMA, (3M ESAL) 1/2" Surface, PG 64-22	SY	10.000	14.390	14.390	\$2,230.45
2.10	Curb and Gutter	LF	35.000	35.000	35.000	\$700.00
2.11	Sodding	SQ	4.000	2.660	2.660	\$133.00
2.12	Erosion Control Measures	LF	10.000	0.000	0.000	\$0.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
2.13	Tree Protection	LS	1.000	0.000	0.000	\$650.00	\$0.00
2.14	Tree Protection Fence	LF	55.000	0.000	0.000	\$3.00	\$0.00
	DIVISION 3: 4005 SW 26th Street						
3.01	Mobilization	LS	1.000	1.000	1.000	\$2,400.00	\$2,400.00
3.02	Construction Survey	LS	1.000	1.000	1.000	\$550.00	\$550.00
3.03	Project Sign Small - Standard	EACH	1.000	0.000	0.000	\$110.00	\$0.00
3.04	Removal of Existing Storm Sewer, =>36"	LF	25.000	18.000	18.000	\$25.00	\$450.00
3.05	Removal of Existing Storm Sewer, <36"	LF	15.000	32.000	32.000	\$25.00	\$800.00
3.06	Sewer, Class 3 RCP Storm, 36"	LF	25.000	0.000	0.000	\$150.00	\$0.00
3.07	Connections to Existing, Storm Structure	EACH	2.000	0.000	0.000	\$750.00	\$0.00
3.08	Clean Existing Storm Sewer	LF	80.000	0.000	0.000	\$15.00	\$0.00
3.09	Removal of Existing Sanitary Sewer, <36"	LF	25.000	20.000	20.000	\$25.00	\$500.00
3.10	Sewer, PVC SDR 26 Sanitary, 10"	LF	25.000	20.000	20.000	\$150.00	\$3,000.00
3.11	Sewer, PVC SDR 26 Storm, 6"	LF	15.000	16.000	16.000	\$70.00	\$1,120.00
3.12	Earthwork	LS	1.000	1.000	1.000	\$400.00	\$400.00
3.13	Sidewalk Removal	SF	188.000	192.000	192.000	\$2.00	\$384.00
3.14	Sidewalk, PCC, 4"	SF	188.000	192.000	192.000	\$4.00	\$768.00
3.15	Granular Surface, Class A Crushed Stone	TON	13.000	13.000	13.000	\$25.00	\$325.00
3.16	Clearing and Grubbing	LS	1.000	1.000	1.000	\$1,320.00	\$1,320.00
3.17	Sodding	SQ	10.000	35.000	35.000	\$50.00	\$1,750.00
3.18	Erosion Control Measures	LF	180.000	10.000	10.000	\$3.50	\$35.00
	DIVISION 4: SE 15th and Harriet Street						
4.01	Mobilization	LS	1.000	1.000	1.000	\$4,900.00	\$4,900.00
4.02	Construction Survey	LS	1.000	1.000	1.000	\$550.00	\$550.00
4.03	Project Sign Small - Standard	EACH	1.000	0.000	0.000	\$110.00	\$0.00
4.04	Clearing and Grubbing	LS	1.000	1.000	1.000	\$4,500.00	\$4,500.00
4.05	Removal of Existing Storm Sewer, >36"	LF	60.000	12.000	12.000	\$50.00	\$600.00
4.06	Sewer, Class 3 RCP Storm, 54"	LF	60.000	12.000	12.000	\$250.00	\$3,000.00
4.07	Earthwork	LS	1.000	1.000	1.000	\$6,500.00	\$6,500.00
4.08	Riprap Class "E"	TON	620.000	617.910	617.910	\$40.00	\$24,716.40
4.09	Riprap Class "B"	TON	240.000	240.750	240.750	\$46.00	\$11,074.50
4.10	Riprap Granular Bedding Material	TON	52.000	15.750	15.750	\$26.00	\$409.50
4.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	SQ	105.000	107.850	107.850	\$20.00	\$2,157.00
4.12	Erosion Control Measures	LF	150.000	0.000	0.000	\$3.50	\$0.00
4.13	Tree Protection	LS	1.000	1.000	1.000	\$650.00	\$650.00
4.14	Tree Protection Fence	LF	410.000	444.000	444.000	\$3.00	\$1,332.00
	DIVISION 5: 2611 Aurora Avenue						
5.01	Mobilization	LS	1.000	1.000	1.000	\$2,650.00	\$2,650.00

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
5.02	Construction Survey	LS	1.000	1.000	1.000	\$1,100.00	\$1,100.00	
5.03	Project Sign Small - Standard	EACH	1.000	0.000	0.000	\$110.00	\$0.00	
5.04	Remove and Replace Existing Riprap	LS	1.000	1.000	1.000	\$2,800.00	\$2,800.00	
5.05	Remove Sediment Build-up in Channel	LS	1.000	1.000	1.000	\$2,250.00	\$2,250.00	
5.06	Grout Existing Gabions (East Bank)	LF	57.000	57.000	57.000	\$100.00	\$5,700.00	
5.07	Riprap Class "E"	TON	45.000	28.810	28.810	\$50.00	\$1,440.50	
5.08	Grouted Riprap Wedge, Class "E"	TON	19.000	19.000	19.000	\$100.00	\$1,900.00	
5.09	Sidewalk Removal	SF	70.000	80.000	80.000	\$2.00	\$160.00	
5.10	Sidewalk, PCC, 4"	SF	70.000	80.000	80.000	\$4.00	\$320.00	
5.11	Earthwork	LS	1.000	1.000	1.000	\$400.00	\$400.00	
5.12	Sodding	SQ	20.000	19.600	19.600	\$50.00	\$980.00	
5.13	Erosion Control Measures	LF	50.000	0.000	0.000	\$3.50	\$0.00	
5.14	Tree Protection	LS	1.000	1.000	1.000	\$650.00	\$650.00	
5.15	Tree Protection Fence	LF	135.000	37.500	37.500	\$3.00	\$112.50	
	DIVISION 6: 2021 22nd Street							
6.01	Mobilization	LS	1.000	1.000	1.000	\$2,200.00	\$2,200.00	
6.02	Construction Survey	LS	1.000	1.000	1.000	\$550.00	\$550.00	
6.03	Project Sign Small - Standard	EACH	1.000	1.000	1.000	\$110.00	\$110.00	
6.04	Clearing and Grubbing	LS	1.000	1.000	1.000	\$2,250.00	\$2,250.00	
6.05	Chain Link Fence, Removal and Replacement	LF	20.000	15.000	15.000	\$30.00	\$450.00	
6.06	Removal of Existing Sanitary Sewer, <36"	LF	32.000	7.000	7.000	\$25.00	\$175.00	
6.07	Sewer, PVC SDR 26 Sanitary, 6"	LF	32.000	7.000	7.000	\$55.00	\$385.00	
6.08	Junction Drop Manhole, Sanitary, 48"	EA	1.000	1.000	1.000	\$6,500.00	\$6,500.00	
6.09	Earthwork	LS	1.000	1.000	1.000	\$400.00	\$400.00	
6.10	Sodding	SQ	4.000	7.680	7.680	\$50.00	\$384.00	
6.11	Seeding, Fertilizing and Mulching, Type 1 Lawn Mix	SQ	52.000	39.000	39.000	\$20.00	\$780.00	
6.12	Erosion Control Measures	LF	50.000	0.000	0.000	\$3.50	\$0.00	
6.13	Tree Protection	LS	1.000	0.000	0.000	\$650.00	\$0.00	
6.14	Tree Protection Fence	LF	110.000	0.000	0.000	\$3.00	\$0.00	
	Change Orders							
4.15	Concrete Collar	EACH	0.000	3.000	3.000	\$1,915.00	\$5,745.00	
4.16	Restocking Fee for 54" Storm Sewer Pipe	LS	0.000	1.000	1.000	\$1,520.00	\$1,520.00	
3.19	Removal and Disposal of Unsuitable Materials	LS	0.000	1.000	1.000	\$3,010.00	\$3,010.00	
3.20	Manhole, SW-401, 72"	EACH	0.000	1.000	1.000	\$9,259.00	\$9,259.00	
3.21	Sewer, Class 3 RCP Storm, 24"	LF	0.000	16.000	16.000	\$113.00	\$1,808.00	
3.22	Sewer, Class 3 RCP Storm, 42"	LF	0.000	8.000	8.000	\$160.00	\$1,280.00	
3.23	Fill Existing Structure with Flowable Mortar	LS	0.000	1.000	1.000	\$1,300.00	\$1,300.00	
3.24	Restocking Fee for 36" Storm Sewer Pipe	LS	0.000	1.000	1.000	\$450.00	\$450.00	

