



Date February 19, 2024

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. 2ND STREET RECONSTRUCTION FROM E. COURT AVENUE TO IOWA INTERSTATE RAILROAD, JASPER CONSTRUCTION SERVICES, 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 E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad, Activity ID 062021007, in accordance with the contract approved between Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA, 50208, under Roll Call No. 21-0909, of June 14, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$1,352,062.63 is the total cost, of which \$1,347,062.63 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$5,000.00 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 Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2023-24 CIP, Page 133, Market District Infrastructure Improvements, ST282, Being: \$1,332,342.63 in TIF Bonds and the remaining \$19,720.00 from Des Moines Water Works

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include BOESEN, COLEMAN, GATTO, MANDELBAUM, VOSS, WESTERGAARD, and TOTAL.

MOTION CARRIED APPROVED

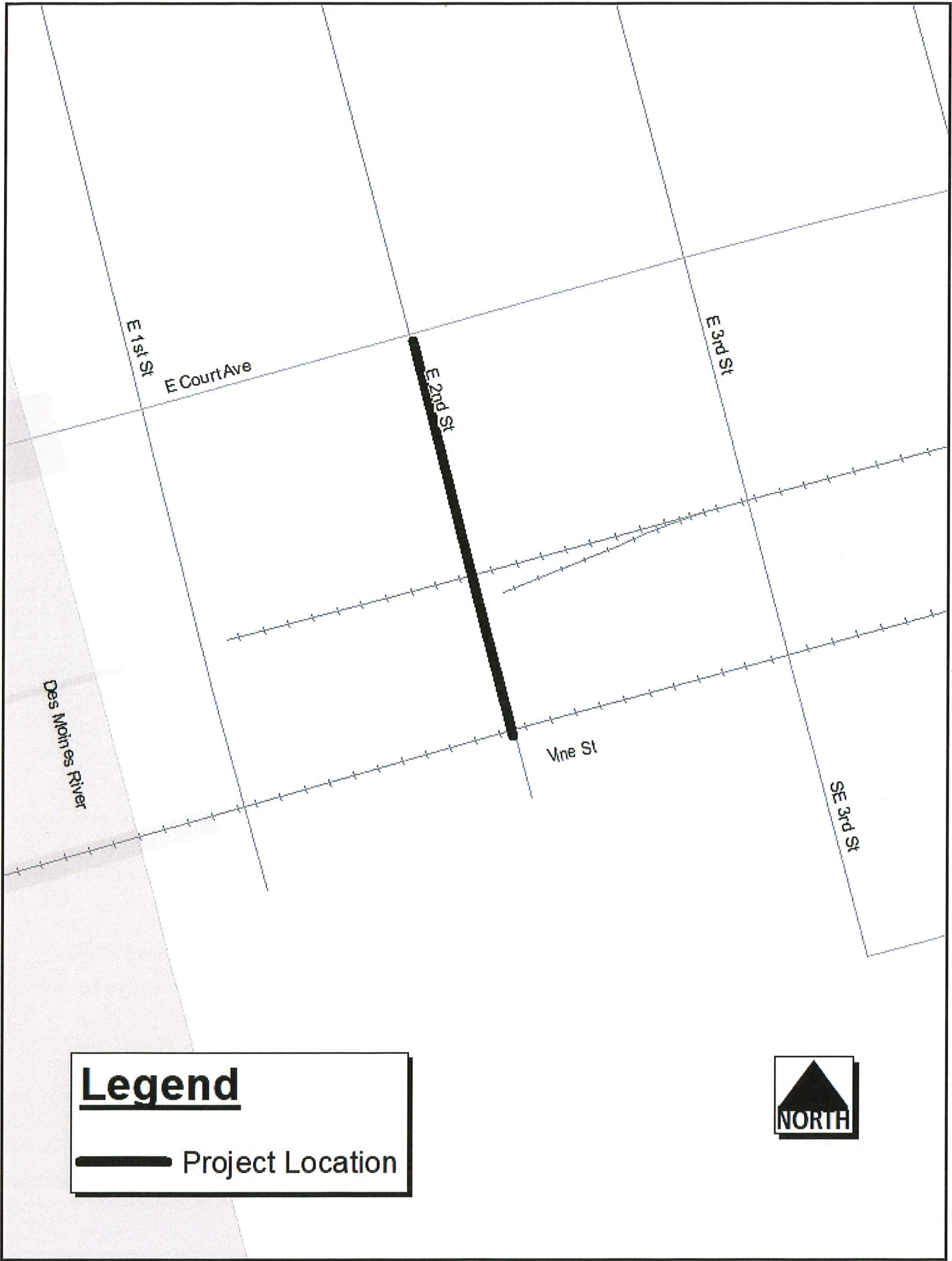
CERTIFICATE

I, Laura Baumgartner, 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



Legend

 Project Location





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PROJECT SUMMARY

E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad
Activity ID 062021007

On June 14, 2021, under Roll Call No. 21-0909, the Council awarded the contract for the above improvements to Jasper Construction Services, Inc., in the amount of \$1,267,719.55. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	1/11/2022 Removal of buried casing pipe, footings, and abandoned water main. Addition of parking signs, PCC banding, flowable mortar, and geogrid.	\$43,197.86
2	Engineering	5/18/2022 Provide and install gate operators and controls for detective parking lot. Repair light pole base.	\$30,652.27
3	Engineering	1/10/2024 Connect roof drains to storm sewer. Modify biocell intakes. Adjust plan quantities to as-built quantities.	\$10,492.95
Original Contract Amount			\$1,267,719.55
Total Change Orders			\$84,343.08
Percent of Change Orders to Original Contract			6.65%
Total Contract Amount			\$1,352,062.63

Department of Engineering
City of Des Moines, Iowa



February 19, 2024

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad, Jasper Construction Services, Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,352,062.63 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 133, Market District Infrastructure Improvements, ST282, Being: \$1,332,342.63 in TIF Bonds and the remaining \$19,720.00 from Des Moines Water Works

CERTIFICATION OF COMPLETION:


On June 14, 2021, under Roll Call No. 21-0909, the City Council awarded a contract to Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208 for the construction of the following improvement:

E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad, 062021007

The improvement includes construction of Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC driveways, PCC sidewalks, modified subbase, subdrain, storm sewer, intakes, biocells, pavement markings, electrical conduit, water main relocations, site furnishings, plantings, ornamental fencing and gates, and miscellaneous associated work and incidental items; all in accordance with the contract documents, including Plan File Nos. 629-004/056, located on East 2nd Street from East Court Avenue to the Iowa Interstate Railroad at East Vine Street, Des Moines, Iowa

I hereby certify that the construction of said E. 2nd Street Reconstruction from E. Court Avenue to Iowa Interstate Railroad, Activity ID 062021007, 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 August 2, 2021, and was completed on January 30, 2024.

I further certify that \$1,352,062.63 is the total cost of said improvement, of which \$1,347,062.63 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$5,000.00 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.


Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



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ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 8/21/2021 TO 1/3/2024
FINAL PAYMENT / QUANTITY AGREEMENT (PARTIAL PAYMENT NO. 12)

PROJECT: E. 2ND STREET RECONSTRUCTION FROM E. COURT AVENUE TO IOWA INTERSTATE RAILROAD
CONTRACTOR: JASPER CONSTRUCTION SERVICES, INC.

Activity ID: 06-2021-007
1/3/2024

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Clearing and Grubbing	UNIT	6.400	6.400	6.400	\$10.00	\$64.00
2	Excavation, Class 13	CY	384.000	384.000	384.000	\$40.00	\$15,360.00
3	Subgrade Preparation	SY	3,431.000	3,431.000	3,431.000	\$12.00	\$41,172.00
4	Subbase, Modified, 6"	SY	2,596.000	2,596.000	2,596.000	\$25.00	\$64,900.00
5	Trench Foundation	TON	250.000	0.000	0.000	\$15.00	\$0.00
6	Imported Backfill	TON	250.000	1,033.160	1,033.160	\$25.00	\$25,829.00
7	Special Pipe Support	EA	4.000	0.000	0.000	\$300.00	\$0.00
8	Storm Sewer, Trenched, RCP, Class III, 15"	LF	579.000	574.000	574.000	\$80.00	\$45,920.00
9	Removal of Sewer, Less Than or Equal To 36"	LF	621.000	792.000	792.000	\$20.00	\$15,840.00
10	Subdrain, Type 1, Perforated PVC SDR 35, 6"	LF	898.000	898.000	898.000	\$20.00	\$17,960.00
11	Subdrain Cleanout, Type A-1, 6"	EA	7.000	7.000	7.000	\$825.00	\$5,775.00
12	Subdrain Outlet and Connections, 6"	EA	24.000	24.000	24.000	\$250.00	\$6,000.00
13	Manhole, Type SW-401, 48"	EA	3.000	3.000	3.000	\$5,700.00	\$17,100.00
14	Manhole, Type SW-401, 60"	EA	1.000	1.000	1.000	\$8,500.00	\$8,500.00
15	Intake, Type SW-501	EA	5.000	5.000	5.000	\$6,300.00	\$31,500.00
16	Intake, Inline Drain, PVC, 10"	EA	2.000	2.000	2.000	\$2,000.00	\$4,000.00
17	Connection to Existing Sewer	EA	1.000	1.000	1.000	\$3,600.00	\$3,600.00
18	Remove Sewer Structure	EA	9.000	10.000	10.000	\$550.00	\$5,500.00
19	PCC Pavment, 7" with Intergral Curb and Gutter	SY	1,752.000	1,743.000	1,743.000	\$75.00	\$130,725.00
20	Pavement, HMA HT Surface, 1/2" Mix, PG 58-28 S	TON	36.000	36.000	36.000	\$168.00	\$6,048.00
21	Sawcut and Remove Beam Curb (At Salvation Army Lot)	LS	1.000	1.000	1.000	\$1,500.00	\$1,500.00
22	Removal of Sidewalk	SY	470.000	503.000	503.000	\$15.00	\$7,545.00
23	Removal of Driveway	SY	490.000	920.600	920.600	\$15.00	\$13,809.00
24	Sidewalk, PCC, 5"	SY	813.000	820.000	820.000	\$72.00	\$59,040.00
25	Detectable Warning	SF	48.000	48.000	48.000	\$55.00	\$2,640.00
26	Driveway, Paved, PCC, 7"	SY	676.000	910.430	910.430	\$80.00	\$72,834.40
27	Granular Surfacing, Class A Crushed Stone	TON	250.000	287.210	287.210	\$50.00	\$14,360.50
28	Beam Curb (At Bioretention Cell), PCC, Reinforced	LF	182.000	182.000	182.000	\$125.00	\$22,750.00
29	Curb Cut Cover Plate	EA	2.000	2.000	2.000	\$750.00	\$1,500.00
30	Pavement Removal	SY	2,639.000	2,662.400	2,662.400	\$15.00	\$39,936.00
31	Removal of Gravel Surfacing	SY	101.000	259.600	259.600	\$15.00	\$3,894.00




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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
32	Steel Rail Track Removal	LF	265.000	586.500	586.500	\$45.00	\$26,392.50
33	Painted Pavement Markings, Durable, Epoxy	STA	1.730	1.730	1.730	\$760.00	\$1,314.80
34	Grooves Cut for Pavement Markings	STA	1.730	1.730	1.730	\$600.00	\$1,038.00
35	Temporary Traffic Control	LS	1.000	1.000	1.000	\$8,250.00	\$8,250.00
36	Removal of Signs and Bollards	EA	13.000	10.000	10.000	\$200.00	\$2,000.00
37	Light Pole Foundation Removal	EA	1.000	1.000	1.000	\$675.00	\$675.00
38	Type A Sign, Sheet Aluminum	SF	24.250	24.250	24.250	\$25.00	\$606.25
39	Sign Post, Round, Steel Post	LF	32.000	32.000	32.000	\$20.00	\$640.00
40	Double-Shredded Hardwood Mulch	CY	19.500	19.500	19.500	\$97.00	\$1,891.50
41	Plants with Warranty, Deciduous Tree, B&B	EA	17.000	16.000	16.000	\$485.00	\$7,760.00
42	Plants with Warranty, Shrub, Cont	EA	59.000	49.000	49.000	\$55.00	\$2,695.00
43	Plants with Warranty, Perennial Plant, Cont	EA	1,029.000	885.000	885.000	\$12.00	\$10,620.00
44	Plants with Warranty, Bulb (Plant)	EA	104.000	104.000	104.000	\$4.00	\$416.00
45	Modified Soils, At Biocell	CY	44.000	44.000	44.000	\$95.00	\$4,180.00
46	Planting Soils, At Grade Planting Area	CY	207.000	207.000	207.000	\$95.00	\$19,665.00
47	Choker Aggregate, At Biocell	TON	2.500	2.500	2.500	\$65.00	\$162.50
48	Aggregate Subbase, At Biocell	TON	12.000	12.000	12.000	\$65.00	\$780.00
49	Engineering Fabric, At Biocell	SY	95.000	95.000	95.000	\$6.00	\$570.00
50	Filter Sock	LF	265.000	0.000	0.000	\$2.00	\$0.00
51	Stabilized Construction Entrance	TON	500.000	243.660	143.660	\$50.00	\$7,183.00
52	Inlet Protection Device	EA	7.000	5.000	5.000	\$145.00	\$725.00
53	Sediment Box	EA	2.000	2.000	2.000	\$3,500.00	\$7,000.00
54	1" Clean Crushed Stone	TON	10.000	10.000	10.000	\$65.00	\$650.00
55	Erosion Control Rock, 3"-6" Trap Rock	TON	10.000	10.000	10.000	\$245.00	\$2,450.00
56	Ornamental Fence and Pedestrian Gate	LF	120.000	120.000	120.000	\$173.00	\$20,760.00
57	Ornamental Cantilever Gate	EA	1.000	1.000	1.000	\$7,200.00	\$7,200.00
58	Cantilever Gate Motor and Access Control System	AL	1.000	1.000	1.000	\$25,000.00	\$25,000.00
59	Removal of Fence	LF	126.000	126.000	126.000	\$8.75	\$1,102.50
60	Steel Edging	LF	100.000	0.000	0.000	\$7.00	\$0.00
61	Bioretention Edge Rail, At Biocell	LF	175.000	175.000	175.000	\$190.00	\$33,250.00
62	Railroad Provisions	LS	1.000	1.000	1.000	\$25,000.00	\$25,000.00
63	Construction Survey	LS	1.000	1.000	1.000	\$25,000.00	\$25,000.00
64	Mobilization	LS	1.000	1.000	1.000	\$172,000.00	\$172,000.00
65	Concrete Washout	LS	1.000	1.000	1.000	\$2,500.00	\$2,500.00
66	Reinforced Concrete Box (RBC), Single Cell, 12'x4'	LF	24.000	0.000	0.000	\$1,200.00	\$0.00
67	Litter Receptacle	EA	1.000	1.000	1.000	\$2,175.00	\$2,175.00
68	Electrical Conduit, Schedule 40, 1.5"	LF	914.000	914.000	914.000	\$10.00	\$9,140.00
69	Electrical Conduit, Schedule 40, 2"	LF	317.000	317.000	317.000	\$13.00	\$4,121.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
70	Electrical Handhole, 12"x12"	EA	6.000	6.000	6.000	\$550.00	\$3,300.00
71	Electrical Handhole, 18" Diameter	EA	3.000	3.000	3.000	\$755.00	\$2,265.00
72	Electrical Meter-Controls Pedestal	EA	1.000	1.000	1.000	\$7,000.00	\$7,000.00
73	Electrical Service Transfer	EA	1.000	1.000	1.000	\$42,654.00	\$42,654.00
74	Street Light Pole Foundation and Base	EA	3.000	3.000	3.000	\$2,500.00	\$7,500.00
75	Watermain, Trenched, Ductile Iron, Restrained Joint, 8", For Watermain Alteration	LF	120.000	0.000	0.000	\$135.00	\$0.00
76	Exploratory Excavation to Locate Existing Watermain Below Proposed Storm Sewer Depth	EA	3.000	3.000	3.000	\$950.00	\$2,850.00
77	Fittings by Weight, Ductile Iron	LB	920.000	120.000	120.000	\$16.00	\$1,920.00
78	Fire Hydrant Assembly	EA	1.000	1.000	1.000	\$14,000.00	\$14,000.00
79	32 lb Magnesium Anode	EA	4.000	1.000	1.000	\$950.00	\$950.00
80	Foundation Rock, DMWW	TON	25.000	0.000	0.000	\$50.00	\$0.00
81	Manufactured Sand For Watermain Alterations	TON	50.000	0.000	0.000	\$40.00	\$0.00
ADD ALTERNATE ITEMS							
A.01	Water Line from Main to Meter, 1"	LF	46.000	46.000	46.000	\$60.00	\$2,760.00
A.02	1" Tap to Watermain for Irrigation	EA	1.000	1.000	1.000	\$1,900.00	\$1,900.00
A.03	Irrigation System: Lines, Valves, Sleeves, Sprays, Controller and Pedestal, Complete	LS	1.000	1.000	1.000	\$24,900.00	\$24,900.00
A.04	Insulated RPZ Cabinet/Enclosure and PCC Pad	EA	1.000	1.000	1.000	\$5,000.00	\$5,000.00
A.05	Meter Pit and 3/4" Meter for Irrigation	EA	1.000	1.000	1.000	\$6,400.00	\$6,400.00
CHANGE ORDERS							
1001	Removal of Steel Casing	LF	0.000	100.000	105.000	\$44.00	\$4,620.00
1002	Removal of Buried Footings	LS	0.000	1.000	1.000	\$6,116.61	\$6,116.61
1003	Permit Parking Signs	EA	0.000	10.000	10.000	\$165.00	\$1,650.00
1004	PCC Banding, 13" Thick, 24" Wide	LF	0.000	561.000	561.000	\$32.75	\$18,372.75
1005	Flowable Mortar	CY	0.000	6.000	6.000	\$325.00	\$1,950.00
1006	Removal of Abandoned Water Main	LF	0.000	160.000	160.000	\$49.50	\$7,920.00
1007	Geogrid, Type 2	SY	0.000	467.000	467.000	\$5.50	\$2,568.50
2001	Gate Operator and Controls	LS	0.000	1.000	1.000	\$29,507.50	\$29,507.50
2002	Light Pole Base Repair	LS	0.000	1.000	1.000	\$1,144.77	\$1,144.77
3001	Roof Drain Connections	LS	0.000	1.000	1.000	\$6,470.04	\$6,470.04
3002	Remove and Replace Soil in Bioretention Cells	LS	0.000	1.000	1.000	\$24,922.51	\$24,922.51
3003	Biocell Intake Modifications	LS	0.000	1.000	1.000	\$1,850.00	\$1,850.00
3004	Joint Caulking along Metro Star Building	LS	0.000	1.000	1.000	\$1,056.00	\$1,056.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	ORIGINAL CONTRACT AMOUNT		\$1,267,719.55				
	TOTAL CHANGE ORDERS		\$84,343.08				
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,352,062.63				
	PAYMENT #1		\$190,509.90				
	PAYMENT #2		\$191,947.48				
	PAYMENT #3		\$148,980.42				
	PAYMENT #4		\$400,373.46				
	PAYMENT #5		\$132,527.46				
	PAYMENT #6		\$87,403.69				
	PAYMENT #7		\$29,732.70				
	PAYMENT #8		\$74,254.96				
	PAYMENT #9		\$33,837.01				
	PAYMENT #10		\$29,667.04				
	PAYMENT #11		\$27,828.51				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$1,347,062.63				
	BALANCE		\$5,000.00				

PREPARED BY: 
 CHECKED BY: 
 CONTRACTOR: 

TOTAL	\$1,352,062.63
RETAINAGE	\$5,000.00
TOTAL LESS RETAINAGE	\$1,347,062.63
LESS PREVIOUS PAYMENT	\$1,347,062.63
AMOUNT DUE	\$0.00

FINAL PAYMENT / QUANTITY AGREEMENT (PARTIA