

12 C

DATE September 14, 2015

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR GRAND AVENUE BRIDGE OVER WALNUT CREEK, JENCO CONSTRUCTION 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 Grand Avenue Bridge over Walnut Creek, 12-2008-001, in accordance with the contract approved between Jenco Construction Inc., Herluf H.S. Jensen, President, 6804 NW 2nd Street, Des Moines, IA 50313, under Roll Call No. 12-0568, of April 9, 2012, 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 \$3,460,834.40 is the total cost, of which \$3,430,834.40 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 \$30,000.00 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.

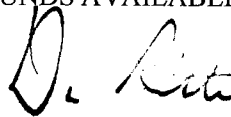
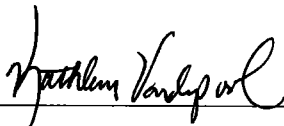
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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:

FUNDS AVAILABLE



Kathleen Vanderpool  
Deputy City Attorney

Daniel E. Ritter  
Des Moines Finance Director

*PC* Funding Source: 2015-2016 CIP, Page Bridge-11, Grand Avenue over Walnut Creek, BR045, Being: Federal Highway Bridge Program funds for 80% of construction costs with a \$1,000,000 maximum; \$1,800,000 G.O. Bonds, \$634,194.40 in Gaming Monies (including a transfer of \$216,610.69 in gaming funds from BR039), and the remaining \$20,640 being funded the Des Moines Water Works

BRM-1945(738)--8N-77

★ **Roll Call Number**

**Agenda Item Number**

12 C

DATE September 14, 2015

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
TOTAL				
MOTION CARRIED				APPROVED
				Mayor

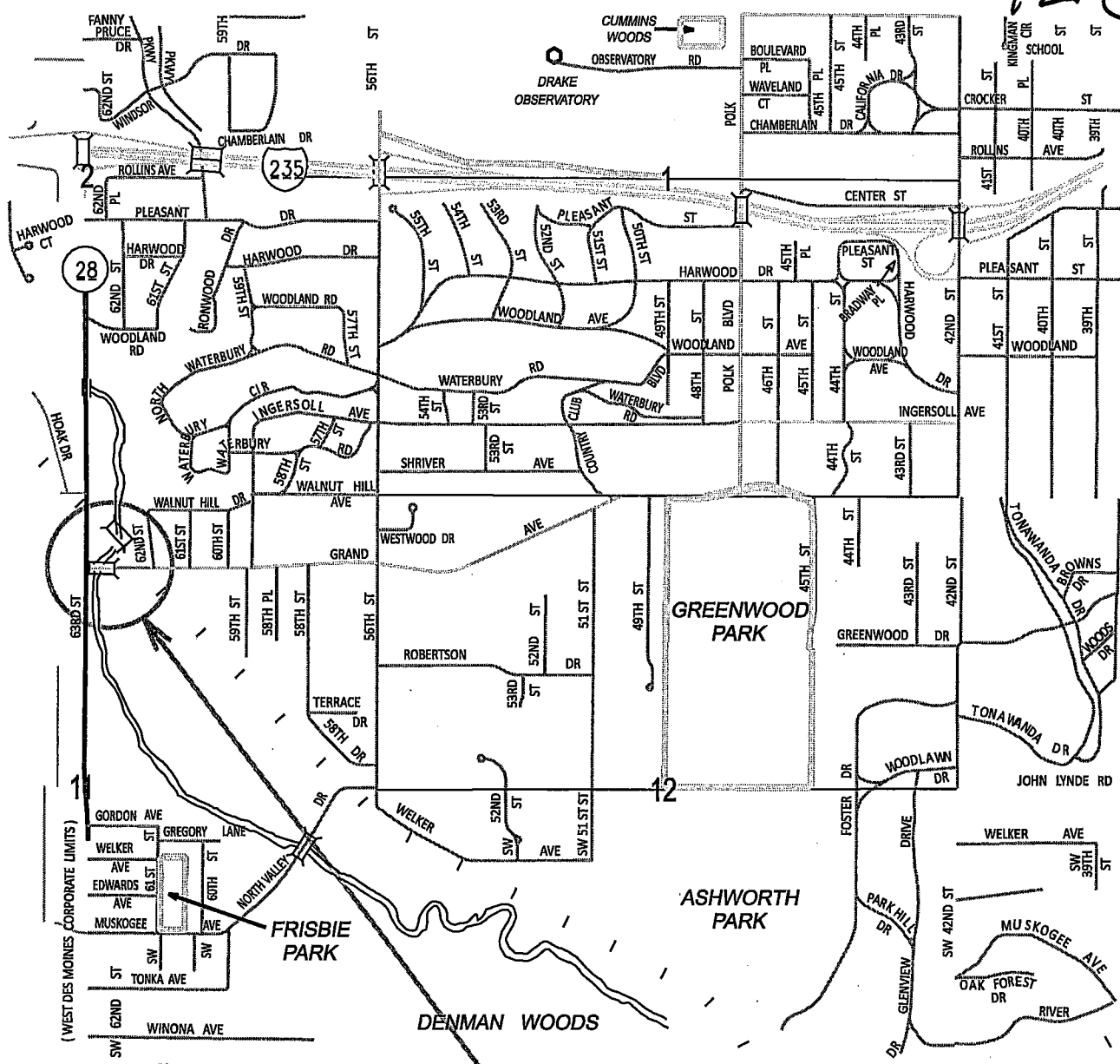
**CERTIFICATE**

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

12C



PROJECT  
LOCATION

**GRAND AVENUE OVER  
WALNUT CREEK  
BRIDGE REPLACEMENT  
ACTIVITY ID 12-2008-001**

## PROJECT SUMMARY

### Grand Avenue Bridge over Walnut Creek

#### Activity ID 12-2008-001

On April 9, 2012, under Roll Call No. 12-0568, the Council awarded the contract for the above improvements to Jenco Construction Inc., in the amount of \$3,316,610.69. Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Initiated By</u>	<u>Description</u>	<u>Amount</u>
1	Engineering	5/21/2012 Revise bridge closure and completion requirements. Additional material transportation and storage, traffic control, temporary pavement; project re-mobilization, and material inflation costs.	\$129,000.00
2	Engineering	7/12/2012 Increase quantity for pavement markings, C.M.S. board, traffic control signs, and remove & re-install temporary traffic light, to provide westbound lane closure for 8 weeks.	\$15,994.80
3	Engineering	1/25/2013 Add temporary side road pavement and sidewalk and add cold weather protection of concrete.	\$8,151.94
4	Engineering	5/29/2013 Modify access drive; increase Changeable Message Signs quantity; add pedestrian edging for detoured bike trail; additional traffic control signage; remove and replace street light; and additional specialized concrete sawing.	\$13,799.03
5	Engineering	6/13/2013 Revise to reflect unanticipated material testing requirements & subsequent remedial action. Additional cost to remove identified broken concrete material & haul to the landfill for disposal.	\$34,656.00
6	Contractor	7/29/2013 New bridge falsework design consisting of a single falsework bent provided at mid-span of each of the three permanent bridge spans, which eliminated seven of the ten falsework bents as proposed in the original design.	\$175,000.00
7	Contractor	10/10/2013	\$0.00

12 C

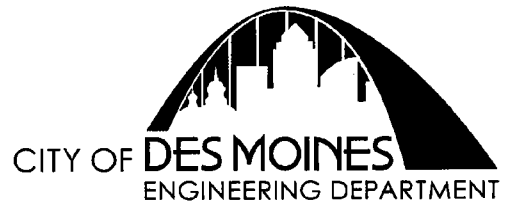
		Decrease structural concrete quantity to delete the concrete footing key from the contract and add a substitute steel sheet pile footing key, per the contractor's approved proposal. Change intermediate complete dates for Site 1 and Site 2 to October 3, 2013 and November 28, 2013, respectively, as a result of the archaeological investigation.	
8	Engineering	11/8/2013 Increase quantity of HP12x53 piling for additional piling driven for west abutment footing.	\$12,600.00
9	Engineering	11/21/2013 Increase west abutment footing dimensions based on structural revisions, which results in an increase in the structural concrete required.	\$20,216.00
10	Engineering	4/1/2014 Increase quantity for reinforcing steel, epoxy coated reinforcing steel, cancel unused reinforcing steel, add flowable mortar backfill at west abutment, levy price deduct for non-complying subbase material, and update traffic signal heads due to lane configuration change.	\$14,607.94
11	Engineering	4/23/2014 Add additional quantity for demolition waste disposal and temporary barrier rail. Remove and replaced failed intake and storm sewer pipe.	\$21,009.07
12	Engineering	5/8/2014 Additional excavation for retaining wall construction; add west pavement tie-in at 63rd Street.	\$21,847.25
13	Engineering	5/23/2014 Additional time for off-duty officer for traffic control needs, and helical anchors for sign support.	\$24,440.00
14	Engineering	6/16/2014 Add granular backfill material for retaining wall construction, add bonded fiber matrix hydromulch for soil stabilization, and modify pedestrian pushbuttons at 63rd Street.	\$23,959.46
15	Engineering	8/11/2014 Add temporary seeding, stabilizing crop, and mulching items. Add sign footing placement and trail detour signage. Adjust completed contract items to final quantities.	\$24,837.61
16	Engineering	10/3/2014 Add HMA driveway and curb paving. Adjust some quantities to final quantities and balance site topsoil quantities.	\$11,809.84
17	Engineering	12/30/2014 Substitute trail railing with chain-link fence, additional concrete work, irrigation line repair, and finalize quantities for contract items.	\$(15,830.23)

12C

18	Engineering	4/21/2015	\$(391,875.00)
		Liquidated Damages.	
		<b>Original Contract Amount</b>	\$3,316,610.69
		<b>Total Change Orders</b>	\$144,223.71
		<b>Percent of Change Orders to Original Contract</b>	4.35%
		<b>Total Contract Amount</b>	\$3,460,834.40

120

September 14, 2015



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Grand Avenue Bridge over Walnut Creek, Jenco Construction Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Amount: \$3,460,834.40 As-Built Contract Cost

Funding Source: 2015-2016 CIP, Page Bridge-11, Grand Avenue over Walnut Creek, BR045, Being: Federal Highway Bridge Program funds for 80% of construction costs with a \$1,000,000 maximum; \$1,800,000 G.O. Bonds, \$634,194.40 in Gaming Monies (including a transfer of \$216,610.69 in gaming funds from BR039), and the remaining \$20,640 being funded the Des Moines Water Works

**CERTIFICATION OF COMPLETION:**

On April 9, 2012, under Roll Call No. 12-0568, the City Council awarded a contract to Jenco Construction Inc., Herluf H.S. Jensen, President, 6804 NW 2nd Street, Des Moines, IA 50313 for the construction of the following improvement:

Grand Avenue Bridge over Walnut Creek, 12-2008-001

The improvement includes removal of the existing bridge and substructure, construction of a new continuous concrete slab bridge, bridge ornamental railing and pipe handrail, colored concrete sealer, aesthetic concrete barrier rail, excavation and grading, temporary shoring, revetment, bridge approach pavement removal and replacement, PCC pavement, sidewalk removal and replacement, trail removal and replacement, segmental block retaining wall, fencing, removal and replacement of storm sewer, water main construction and services, temporary traffic signal, temporary barrier rail, traffic control, traffic signalization, pavement markings, erosion control, sodding, construction survey, and mobilization; all in accordance with the contract documents including Plan File Nos. 541-1/75, on Grand Avenue over Walnut Creek located just east of 63rd Street/Highway 28, Des Moines, Iowa

I hereby certify that the construction of said Grand Avenue Bridge over Walnut Creek, Activity ID 12-2008-001, 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 March 25, 2013, and was completed on August 26, 2015.

I further certify that \$3,460,834.40 is the total cost of said improvement, of which \$3,430,834.40 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 \$30,000.00 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.



Pamela S. Cooksey, P.E.  
Des Moines City Engineer



ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA



**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 1/1/15 to 4/20/15  
**FINAL PAYMENT (PARTIAL PAYMENT NO. 31)**

Proj No: BRM-1945(738)--8N-77

Activity ID: 12-2008-001

Date: 4/21/2015

**PROJECT: GRAND AVENUE BRIDGE OVER WALNUT CREEK**

**CONTRACTOR: JENCO CONSTRUCTION, INC.**

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	EXCAVATION, CLASS 10, CHANNEL	CY	3,688.000	4,688.000	4,688.000	\$ 17.00	\$79,696.00
2	REMOVAL OF EXISTING BRIDGE	LS	1.000	1.000	1.000	\$ 150,000.00	\$150,000.00
3	EXCAVATION, CLASS 20	CY	1,393.200	1,393.200	1,393.200	\$ 20.00	\$27,864.00
4	EXCAVATION, CLASS 21	CY	1,578.600	1,578.600	1,578.600	\$ 40.00	\$63,144.00
5	STRUCTURAL CONCRETE (BRIDGE)	CY	2,644.800	2,640.400	2,640.400	\$ 380.00	\$1,003,352.00
6	COLORED SEALER COATING FOR STRUCTURAL CONCRETE	SY	1,633.000	1,850.100	1,850.100	\$ 14.90	\$27,566.49
7	REINFORCING STEEL	LB	71,830.000	79,033.000	79,033.000	\$ 0.85	\$67,178.05
8	REINFORCING STEEL, EPOXY COATED	LB	375,559.000	380,142.000	380,142.000	\$ 0.90	\$342,127.80
9	LONGITUDINAL GROOVING IN CONCRETE	SY	1,218.000	1,218.000	1,218.000	\$ 2.20	\$2,679.60
10	CONCRETE BARRIER RAILING, AESTHETIC	LF	432.900	432.900	432.900	\$ 150.00	\$64,935.00
11	STEEL PIPE PEDESTRIAN HAND RAILING	LF	394.700	228.000	228.000	\$ 45.25	\$10,317.00
12	ORNAMENTAL METAL RAILING	LF	345.300	347.500	347.500	\$ 76.25	\$26,496.88
13	PILES, STEEL, HP 12 X 53	LF	9,080.000	9,360.000	9,360.000	\$ 45.00	\$421,200.00
14	PILES, STEEL, HP 14 X 89	LF	3,000.000	3,000.000	3,000.000	\$ 61.00	\$183,000.00
15	TEMPORARY SHEET PILES AND SHORING	LS	1.000	1.000	1.000	\$ 20,000.00	\$20,000.00
16	ENGINEERING FABRIC	SY	1,810.000	1,810.000	1,810.000	\$ 2.50	\$4,525.00
17	REVTMENT, CLASS E	TON	1,517.000	1,652.000	1,652.000	\$ 42.50	\$70,210.00
18	REVTMENT, REMOVE AND REPLACE	CY	500.000	250.000	250.000	\$ 25.25	\$6,312.50
19	CONSTRUCTION SURVEY	LS	1.000	1.000	1.000	\$ 8,650.00	\$8,650.00
20	MOBILIZATION	LS	1.000	1.000	1.000	\$ 159,500.00	\$159,500.00
21	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	987.000	1,367.000	1,367.000	\$ 15.00	\$20,505.00
22	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	473.000	473.000	473.000	\$ 18.00	\$8,514.00
23	MODIFIED SUBBASE	CY	37.000	37.000	37.000	\$ 62.50	\$2,312.50
24	REMOVAL OF CURB	STA	2.300	2.300	2.300	\$ 1,600.00	\$3,680.00
25	BRIDGE APPROACH, RK-26	SY	791.000	791.000	791.000	\$ 163.55	\$129,368.05
26	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT	SY	96.000	97.400	97.400	\$ 75.90	\$7,392.66
27	TEMPORARY PAVEMENT	SY	82.000	82.000	82.000	\$ 85.00	\$6,970.00
28	PORTLAND CEMENT CONCRETE OVERLAY, FURNISH ONLY	CY	20.000	10.400	10.400	\$ 125.00	\$1,300.00
29	PORTLAND CEMENT CONCRETE OVERLAY, PLACEMENT ONLY (BOND)	SY	175.000	81.300	81.300	\$ 45.00	\$3,658.50
30	SURFACE PREPARATION	SY	175.000	81.300	81.300	\$ 20.00	\$1,626.00

120

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
31	REMOVAL OF EXISTING STRUCTURES	LS	1.000	1.000	1.000	\$ 5,000.00	\$5,000.00
32	APRONS, CONCRETE ARCH, 44 IN. X 27 IN.	EACH	1.000	1.000	1.000	\$ 2,900.00	\$2,900.00
33	SEGMENTAL BLOCK RETAINING WALL	SF	2,592.000	2,571.000	2,571.000	\$ 32.99	\$84,817.29
34	MANHOLE, STORM SEWER, SW-404	EACH	1.000	1.000	1.000	\$ 10,000.00	\$10,000.00
35	INTAKE, SW-501, TOP ONLY	EACH	1.000	1.000	1.000	\$ 950.00	\$950.00
36	MANHOLE ADJUSTMENT, MNOR	EACH	1.000	4.000	4.000	\$ 740.00	\$2,960.00
37	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	310.000	0.000	0.000	\$ 17.00	\$0.00
38	SUBDRAIN OUTLET (RF-19C)	EACH	3.000	0.000	0.000	\$ 310.00	\$0.00
39	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE	LF	42.000	42.000	42.000	\$ 152.50	\$6,405.00
40	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	52.000	52.000	52.000	\$ 23.50	\$1,222.00
41	REMOVAL OF PAVEMENT	SY	1,111.000	945.800	945.800	\$ 9.00	\$8,512.20
42	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	1.000	1.000	1.000	\$ 690.00	\$690.00
43	REMOVAL OF RECREATIONAL TRAIL	SY	553.000	563.200	563.200	\$ 5.00	\$2,816.00
44	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	620.000	633.600	633.600	\$ 32.90	\$20,845.44
45	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	4.700	4.750	4.750	\$ 2,100.00	\$9,975.00
46	REMOVAL OF SIDEWALK	SY	272.000	272.000	272.000	\$ 5.00	\$1,360.00
47	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	244.000	256.800	256.800	\$ 37.10	\$9,527.28
48	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	78.000	95.300	95.300	\$ 38.70	\$3,688.11
49	DETECTABLE WARNINGS	SF	50.000	46.800	46.800	\$ 32.50	\$1,521.00
50	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	371.000	436.800	436.800	\$ 48.25	\$21,075.60
51	REMOVAL OF PAVED DRIVEWAY	SY	384.000	474.700	474.700	\$ 5.00	\$2,373.50
52	SAFETY CLOSURE	EACH	2.000	2.000	2.000	\$ 100.00	\$200.00
53	FENCE, CHAIN LINK, 48 IN. HEIGHT	LF	355.000	357.000	357.000	\$ 16.45	\$5,872.65
54	FENCE, SAFETY	LF	770.000	341.000	341.000	\$ 3.00	\$1,023.00
55	REMOVAL OF FENCE, STEEL TUBE RAILING	LF	305.000	317.000	317.000	\$ 3.25	\$1,030.25
56	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	3.000	3.000	3.000	\$ 200.00	\$600.00
57	TRAFFIC SIGNALIZATION	LS	1.000	1.000	1.000	\$ 38,100.00	\$38,100.00
58	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	55.600	82.300	82.300	\$ 64.00	\$5,267.20
59	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	1.400	1.760	1.760	\$ 185.00	\$325.60
60	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASE	EACH	4.000	6.000	6.000	\$ 80.00	\$480.00
61	PAVEMENT MARKINGS REMOVED	STA	17.900	6.850	6.850	\$ 65.00	\$445.25
62	SYMBOLS AND LEGENDS REMOVED	EACH	9.000	2.000	2.000	\$ 50.00	\$100.00
63	TEMPORARY BARRIER RAIL, CONCRETE	LF	263.000	300.000	300.000	\$ 12.00	\$3,600.00
64	TEMPORARY TRAFFIC SIGNALS	EACH	1.000	1.000	1.000	\$ 3,000.00	\$3,000.00
65	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$ 20,340.00	\$20,340.00
66	CHANGEABLE MESSAGE SIGNS, PORTABLE	CDAY	56.000	117.000	117.000	\$ 40.00	\$4,680.00
67	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	181.000	180.000	180.000	\$ 61.00	\$10,980.00
68	FITTINGS BY WEIGHT, DUCTILE IRON	LB	180.000	180.000	180.000	\$ 22.00	\$3,960.00

120

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
69	VALVE, GATE, DIP, 8 IN.	EACH	1.000	1.000	1.000	\$ 1,300.00	\$1,300.00
70	FIRE HYDRANT ASSEMBLY, WM-201	EACH	1.000	1.000	1.000	\$ 4,400.00	\$4,400.00
71	OFF DUTY UNIFORMED OFFICER	CDAY	109.000	130.000	130.000	\$ 320.00	\$41,600.00
72	CONCRETE WASHOUT	EACH	1.000	7.000	7.000	\$ 1,000.00	\$7,000.00
73	SUBDRAIN CLEANOUT, TYPE A-1	EACH	1.000	0.000	0.000	\$ 460.00	\$0.00
74	WATER SERVICE, 1 IN.	EACH	1.000	1.000	1.000	\$ 5,300.00	\$5,300.00
75	WATER SERVICE, 4 IN.	EACH	1.000	1.000	1.000	\$ 3,700.00	\$3,700.00
76	IRRIGATION LINE REPLACEMENT	LF	120.000	120.000	120.000	\$ 10.00	\$1,200.00
77	STEEL TUBE RAILING	LF	386.000	0.000	0.000	\$ 153.60	\$0.00
78	SODDING	SQ	145.000	151.080	151.080	\$ 49.16	\$7,427.09
79	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTIO	MGAL	87.000	174.000	174.000	\$ 60.00	\$10,440.00
80	MOBILIZATION FOR WATERING	EACH	6.000	12.000	12.000	\$ 350.00	\$4,200.00
81	SILT FENCE	LF	750.000	0.000	0.000	\$ 1.85	\$0.00
82	REMOVAL OF SILT FENCE	LF	750.000	0.000	0.000	\$ 0.25	\$0.00
83	CLEAN-OUT OF SILT FENCE	LF	750.000	0.000	0.000	\$ 0.25	\$0.00
84	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	100.000	1,367.000	1,367.000	\$ 1.85	\$2,528.95
85	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	100.000	381.000	381.000	\$ 0.25	\$95.25
86	MOBILIZATIONS, EROSION CONTROL	EACH	1.000	5.000	5.000	\$ 500.00	\$2,500.00
87	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1.000	0.000	0.000	\$ 1,000.00	\$0.00
CO NO. 1							
8001	PILE TRANSPORTATION AND STORAGE	LS	18,000.000	18,000.000	18000.000	\$1.00	\$18,000.00
8002	TRAFFIC CLOSURES	EACH	10.000	2.000	2.000	\$350.00	\$700.00
8003	TEMPORARY PAVEMENT	SY	50.000	0.000	0.000	\$150.00	\$0.00
8004	RE-MOBILIZATION	LS	1.000	1.000	1.000	\$50,000.00	\$50,000.00
8005	MATERIAL INFLATION LIMIT	UNITS	50,000.000	35,031.600	35031.600	\$1.00	\$35,031.60
CO NO. 2							
8006	TRAFFIC SIGNS	LS	450.000	450.000	450.000	\$1.00	\$450.00
8007	TEMP. SIGNAL POLES, REMOVE & REINSTALL	LS	2,400.000	2,400.000	2400.000	\$1.00	\$2,400.00
8008	WESTBOUND LANE CLOSURE	LS	11,540.000	11,540.000	11540.000	\$1.00	\$11,540.00
CO NO. 3							
8009	TEMPORARY CONCRETE PAVEMENT	LS	1.000	1.000	1.000	\$8,005.14	\$8,005.14
8010	PCC PAVEMENT, COLD WEATHER PROTECTION	SY	146.800	146.800	146.800	\$1.00	\$146.80
CO NO. 4							
8011	PEDESTRIAN EDGING	LS	1.000	1.000	1.000	\$6,100.00	\$6,100.00
8012	STREET LIGHT, REMOVE AND REPLACE	LS	1.000	1.000	1.000	\$550.00	\$550.00
8013	TRAFFIC CONTROL - ADDITIONAL	LS	1.000	1.000	1.000	\$2,681.53	\$2,681.53
8014	CONCRETE SAWING	LS	1.000	1.000	1.000	\$2,227.50	\$2,227.50

120

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
CO NO. 5							
8015	DEMOLITION WASTE	TON	1,200.000	1,229.400	1229.400	\$28.88	\$35,505.07
CO NO. 6							
8016	NEW BRIDGE FALSEWORK	LS	1.000	1.000	1.000	\$175,000.00	\$175,000.00
CO NO. 7							
8017	STEEL SHEET PILE FOOTING KEY	LS	1.000	1.000	1.000	\$21,888.00	\$21,888.00
CO NO. 10							
8018	CANCELED REINFORCING STEEL	LB	4,253.000	4,253.000	4253.000	\$0.73	\$3,104.69
8019	FLOWABLE MORTAR	CY	9.000	9.000	9.000	\$72.00	\$648.00
8020	PRICE DEDUCT - MODIFIED SUBBASE	TON	164.850	164.850	164.850	(\$1.65)	(\$272.00)
8021	TRAFFIC SIGNAL MODIFICATION	LS	1.000	1.000	1.000	\$880.00	\$880.00
CO NO. 11							
8022	INTAKE REPLACEMENT	LS	1.000	1.000	1.000	\$19,800.00	\$19,800.00
CO NO. 12							
8023	WEST APPROACH TIE-IN	LS	1.000	1.000	1.000	\$16,063.25	\$16,063.25
CO NO. 13							
8025	SIGN ANCHOR INSTALLATION	LS	1.000	1.000	1.000	\$25,800.00	\$25,800.00
CO NO. 14							
8026	FLOODABLE BACKFILL	TON	276.000	276.000	276.000	\$42.47	\$11,721.72
8027	1" CRUSHED STONE	TON	142.000	142.000	142.000	\$48.47	\$6,882.74
8028	BONDED FIBER MATRIX HYDROMULCH	ACRE	3.000	3.000	3.000	\$1,045.00	\$3,135.00
8029	PEDESTRIAN PUSH BUTTON MODIFICATION	LS	1.000	1.000	1.000	\$2,220.00	\$2,220.00
CO NO. 15							
8030	SIGN FOOTING	LS	1.000	1.000	1.000	\$23,450.00	\$23,450.00
8031	TRAIL DETOUR SIGNAGE	LS	1.000	1.000	1.000	\$4,701.40	\$4,701.40
8032	STABILIZING CROP (URBAN)	ACRE	0.250	0.300	0.300	\$3,833.28	\$1,149.98
8033	TYPE II SEEDING	ACRE	0.400	0.700	0.700	\$2,874.96	\$2,012.47
8034	HYDROMULCH - BFM	ACRE	0.100	0.200	0.200	\$5,270.76	\$1,054.16
8035	HYDROMULCH - BLENDED	ACRE	0.600	0.900	0.900	\$3,833.28	\$3,449.95
8036	SOUTH HAND RAIL - MATERIAL ONLY	LF	166.700	166.700	166.700	\$42.79	\$7,133.09
CO NO. 16							
8037	HMA PAVEMENT, MILL AND REPLACE	SY	19.500	19.500	19.500	\$281.60	\$5,491.20
8038	6" HMA CURB, REMOVE AND REPLACE	LF	72.000	72.000	72.000	\$28.60	\$2,059.20
8039	TOPSOIL, REMOVE AND REPLACE	LS	1.000	1.000	1.000	\$5,692.50	\$5,692.50
CO NO. 17							
8040	STEEL TUBE RAILING - SHOP DWG PREP	LS	1.000	1.000	1.000	\$14,200.00	\$14,200.00
8041	CHAIN-LINK FENCE - TRAIL	LF	347.000	347.000	347.000	\$20.02	\$6,946.94
8042	IRRIGATION LINE REPAIR	LS	1.000	1.000	1.000	\$695.48	\$695.48
8043	FOOTING REMOVAL	LS	1.000	1.000	1.000	\$1,224.30	\$1,224.30
8044	CONCRETE WORK	LS	1.000	1.000	1.000	\$825.00	\$825.00
CO NO. 18							
8998	LIQUIDATED DAMAGES	LS	-1.000	-1.000	-1.000	\$391,875.00	(\$391,875.00)

120

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	ORIGINAL CONTRACT AMOUNT		\$3,316,610.69				
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$3,460,834.40				
	PARTIAL PAYMENT NO. 1		\$337,700.65				
	PARTIAL PAYMENT NO. 2		\$48,140.91				
	PARTIAL PAYMENT NO. 3		\$11,519.78				
	PARTIAL PAYMENT NO. 4		\$3,676.30				
	PARTIAL PAYMENT NO. 5		\$26,212.23				
	PARTIAL PAYMENT NO. 6		\$13,012.26				
	PARTIAL PAYMENT NO. 7		\$88,213.12				
	PARTIAL PAYMENT NO. 8		\$77,795.60				
	PARTIAL PAYMENT NO. 9		\$48,598.94				
	PARTIAL PAYMENT NO. 10		\$114,754.13				
	PARTIAL PAYMENT NO. 11		\$213,364.68				
	PARTIAL PAYMENT NO. 12		\$164,681.31				
	PARTIAL PAYMENT NO. 13		\$244,943.51				
	PARTIAL PAYMENT NO. 14		\$200,081.73				
	PARTIAL PAYMENT NO. 15		\$145,291.22				
	PARTIAL PAYMENT NO. 16		\$114,055.97				
	PARTIAL PAYMENT NO. 17		\$251,093.20				
	PARTIAL PAYMENT NO. 18		\$599,844.37				
	PARTIAL PAYMENT NO. 19		\$146,029.86				
	PARTIAL PAYMENT NO. 20		\$20,348.55				
	PARTIAL PAYMENT NO. 21		\$97,389.05				
	PARTIAL PAYMENT NO. 22		\$89,203.35				
	PARTIAL PAYMENT NO. 23		\$44,205.32				
	PARTIAL PAYMENT NO. 24		\$133,181.61				
	PARTIAL PAYMENT NO. 25		\$23,602.98				
	PARTIAL PAYMENT NO. 26		\$41,960.74				
	PARTIAL PAYMENT NO. 27		\$7,237.45				
	PARTIAL PAYMENT NO. 28		\$35,505.50				
	PARTIAL PAYMENT NO. 29		\$14,285.42				
	PARTIAL PAYMENT NO. 30		\$74,904.66				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$3,430,834.40				
	BALANCE		\$30,000.00				
						TOTAL	\$3,460,834.40
						RETAINAGE	\$30,000.00
						TOTAL LESS RETAINAGE	\$3,430,834.40
						LESS PREVIOUS PAYMENT	\$3,430,834.40
						AMOUNT DUE	\$0.00

FINAL PAYMENT (PARTIAL PAYMENT NO. 31)

120