



Roll Call Number

Agenda Item Number

19A

DATE August 8, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR LOCUST STREET BRIDGE OVER THE DES MOINES RIVER, CRAMER AND ASSOCIATES, 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 Locust Street Bridge over the Des Moines River, 122014008, in accordance with the contract approved between Cramer and Associates, Inc. , Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA 50111, under Roll Call No. 18-1206, of July 9, 2018, 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 \$10,032,036.63 is the total cost, of which \$10,002,036.63 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 \$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 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

sl Kathleen Vanderpool

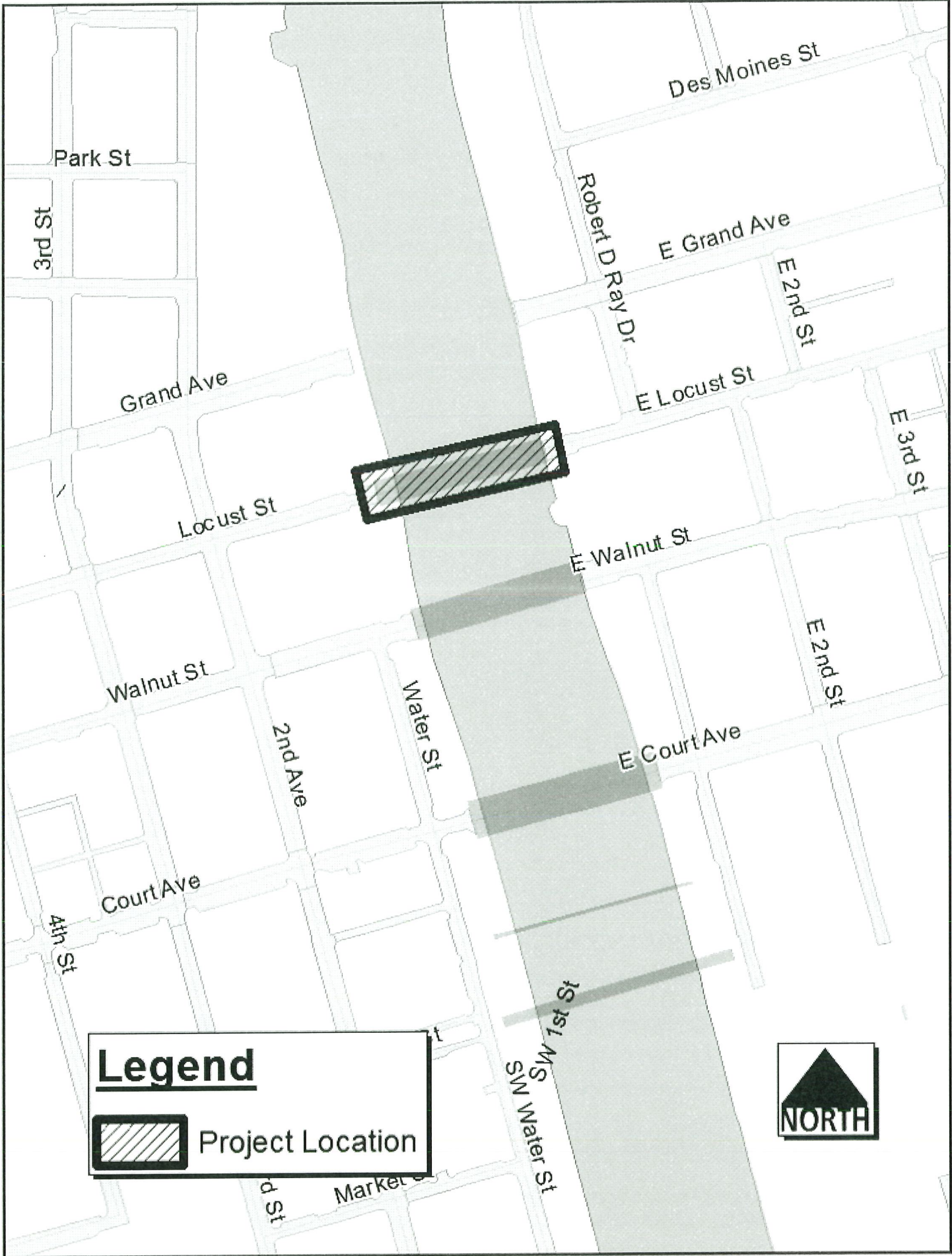
Nickolas J. Schaul 882

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

sl
pw Funding Source: 2022-23 CIP, Page 23, Locust Street Bridge over the Des Moines River, BR052, Being: \$1,464,455 (maximum) in TIGER, being 80% eligible for construction costs; \$2,500,000 in Federal Surface Transportation Block Grant funds (\$2,500,000 maximum) being 80% of eligible construction costs under STP-U-1945(838)—70-77; \$93,655.07 from various Utility Companies for conduit installations; \$5,973,926.56 TIF Bonds issued.

FHWA FY 2016 TIGER





PROJECT SUMMARY

Des Moines River Regional Trail - Phase 2

Activity ID 112016005

On April 8, 2019, under Roll Call No. 19-0600, the Council awarded the contract for the above improvements to Peterson Contractors, Inc., in the amount of \$1,813,318.59. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	12/20/2019 Changes to Clearing and Grubbing due to additional removal of wood chips.	\$42,078.38
2	Engineering	1/24/2020 Tree clearing and subgrade repair.	\$48,648.44
3	Engineering	4/8/2020 Subgrade repair and improvements and replacement of INT1 structure.	\$46,086.00
4	Engineering	6/5/2020 Ensure drainage under trail in multiple locations.	\$40,042.05
5	User	7/28/2020 Adjustments to bridge abutment for walk bridge.	\$24,000.00
6	Contractor	9/14/2020 Storm drainage erosion repair and subgrade stabilization of trail.	\$164,668.01
7	Engineering	10/14/2020 Subgrade repair, material change from HMA to PCC trail, additional signs	\$29,494.04
8	City	5/11/2022 Adjustment of quantities to as-built measurements and liquidated damages.	\$30,089.86
Original Contract Amount			\$1,813,318.59
Total Change Orders			\$425,106.78
Percent of Change Orders to Original Contract			23.44%
Total Contract Amount			\$2,238,425.37



August 8, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Locust Street Bridge over the Des Moines River, Cramer and Associates, Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$10,032,036.63 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 23, Locust Street Bridge over the Des Moines River, BR052, Being: \$1,464,455 (maximum) in TIGER, being 80% eligible for construction costs; \$2,500,000 in Federal Surface Transportation Block Grant funds (\$2,500,000 maximum) being 80% of eligible construction costs under STP-U-1945(838)—70-77; \$93,655.07 from various Utility Companies for conduit installations; \$5,973,926.56 TIF Bonds issued.

CERTIFICATION OF COMPLETION:

On July 9, 2018, under Roll Call No. 18-1206, the City Council awarded a contract to Cramer and Associates Inc. , Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA 50111 for the construction of, the following improvement:

Locust Street Bridge over the Des Moines River, 122014008

The improvement includes removal of the existing bridge and substructure, construction of a new pretensioned prestressed concrete beam bridge on concrete pier and steel pile foundations, pedestrian rail and aesthetic metal panel facade, aesthetic LED lighting, pavement removal, new bridge approach pavement, sidewalk removal and replacement, erosion control, seeding and sodding, traffic control, pavement markings and mobilization; all work in accordance with the contract documents including Plan File Nos. 592-001/135, on Locust Street over Des Moines River located between 2nd Avenue and Robert D. Ray Drive in Des Moines, Iowa

I hereby certify that the construction of said Locust Street Bridge over the Des Moines River, Activity ID 122014008, 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 10, 2018, and was completed on December 9, 2021.

I further certify that \$10,032,036.63 is the total cost of said improvement, of which \$10,002,036.63 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 \$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.

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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA
ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 12/9/21 to 7/5/22
PARTIAL PAYMENT NO. 29 -FINAL



PROJECT: LOCUST STREET BRIDGE OVER THE DES MOINES RIVER
Included w/ TIGER Grant: Bridges to Opportunity: Des Moines' Community Connection
CONTRACTOR: CRAMER AND ASSOCIATES, INC.

Proj No: STP-U-1945(838)-70-77
Activity ID: 12-2014-008
7/18/2022

LINE NO.	ITEM DESCRIPTION	UNIT	UNITS					PREVIOUS CONSTR TO-DATE	CURRENT CONSTR. TO-DATE	UNIT PRICE	TOTAL AMOUNT Division I	TOTAL AMOUNT Division II	TOTAL AMOUNT
			CONTRACT	AUTHORIZED Division I	AUTHORIZED Division II	CONSTRUCTED Division I	CONSTRUCTED Division II						
1	REMOVAL OF EXISTING BRIDGE	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 735,000.00	\$ 735,000.00	\$ -	\$ 735,000.00
2	REMOVALS, AS PER PLAN	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ 40,000.00
3	EXCAVATION, CLASS 20	CY	59.00	59.00	0.00	59.00	0.00	59.00	59.00	\$ 40.00	\$ 2,360.00	\$ -	\$ 2,360.00
4	EXCAVATION, CLASS 21	CY	1,298.00	1,298.00	0.00	1,298.00	0.00	1,298.00	1,298.00	\$ 400.00	\$ 519,200.00	\$ -	\$ 519,200.00
5	EXCAVATION, CLASS 22	CY	144.00	144.00	0.00	144.00	0.00	144.00	144.00	\$ 230.00	\$ 33,120.00	\$ -	\$ 33,120.00
6	STRUCTURAL CONCRETE (BRIDGE)	CY	1,627.00	1,627.00	0.00	1,629.60	0.00	1,629.60	1,629.60	\$ 750.00	\$ 1,222,200.00	\$ -	\$ 1,222,200.00
7	STRUCTURAL CONCRETE 4500 PSI OR GREATER, AS SPECIFIED	CY	13.00	13.00	0.00	13.00	0.00	13.00	13.00	\$ 3,600.00	\$ 46,800.00	\$ -	\$ 46,800.00
8	HIGH PERFORMANCE STRUCTURAL CONCRETE	CY	1,298.60	0.00	0.00	0.00	0.00	-	-	\$ 800.00	\$ -	\$ -	\$ -
9	REINFORCING STEEL	LB	172,847.00	172,847.00	0.00	172,847.00	0.00	172,847.00	172,847.00	\$ 1.45	\$ 250,628.15	\$ -	\$ 250,628.15
10	REINFORCING STEEL, EPOXY COATED	LB	426,619.00	426,619.00	0.00	426,289.00	0.00	426,289.00	426,289.00	\$ 1.15	\$ 490,232.35	\$ -	\$ 490,232.35
11	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC100	EACH	18.00	18.00	0.00	18.00	0.00	18.00	18.00	\$ 20,000.00	\$ 360,000.00	\$ -	\$ 360,000.00
12	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC120	EACH	18.00	18.00	0.00	18.00	0.00	18.00	18.00	\$ 22,000.00	\$ 396,000.00	\$ -	\$ 396,000.00
13	STRUCTURAL STEEL	LB	52,582.00	52,582.00	0.00	52,582.00	0.00	52,582.00	52,582.00	\$ 3.40	\$ 178,778.80	\$ -	\$ 178,778.80
14	ORNAMENTAL METAL RAILING	LF	898.00	898.00	0.00	898.00	0.00	898.00	898.00	\$ 200.00	\$ 179,600.00	\$ -	\$ 179,600.00
15	DECK DRAINS	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 27,000.00	\$ 27,000.00	\$ -	\$ 27,000.00
16	PILES, STEEL, HP 12X84	LF	3,150.00	3,430.00	0.00	3,430.00	0.00	3,430.00	3,430.00	\$ 75.00	\$ 257,250.00	\$ -	\$ 257,250.00
17	PILES, STEEL, HP 14X117	LF	1,210.00	1,210.00	0.00	1,210.00	0.00	1,210.00	1,210.00	\$ 90.00	\$ 108,900.00	\$ -	\$ 108,900.00
18	FLOWABLE MORTAR	CY	50.00	50.00	0.00	20.50	0.00	20.50	20.50	\$ 300.00	\$ 6,150.00	\$ -	\$ 6,150.00
19	MOBILIZATION	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 900,000.00	\$ 900,000.00	\$ -	\$ 900,000.00
20	REMOVAL OF ASBESTOS	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 43,726.00	\$ 43,726.00	\$ -	\$ 43,726.00
21	BRIDGE PLAQUE	EACH	4.00	4.00	0.00	4.00	0.00	4.00	4.00	\$ 2,500.00	\$ 10,000.00	\$ -	\$ 10,000.00
22	RELOCATE TRANSFORMER	EACH	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 2,625.00	\$ 2,625.00	\$ -	\$ 2,625.00
23	CONCRETE CORING AT ABUTMENT PILES	LF	396.00	408.90	0.00	408.90	0.00	408.90	408.90	\$ 850.00	\$ 347,565.00	\$ -	\$ 347,565.00
24	STEEL SIDEWALK EXPANSION JOINT COVER PLATE	LF	48.00	48.00	0.00	48.00	0.00	48.00	48.00	\$ 300.00	\$ 14,400.00	\$ -	\$ 14,400.00
25	AESTHETIC LIGHTING	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 311,308.00	\$ 311,308.00	\$ -	\$ 311,308.00
26	AESTHETIC PANELS	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 730,000.00	\$ 730,000.00	\$ -	\$ 730,000.00
27	NW FLOODWAL STONE VENEER	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 32,709.00	\$ 32,709.00	\$ -	\$ 32,709.00
28	VIBRATION MONITORING	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 70,000.00	\$ 70,000.00	\$ -	\$ 70,000.00
29	WATER MAIN SUPPORTS	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 260,127.00	\$ 260,127.00	\$ -	\$ 260,127.00
30	TOPSOIL, FURNISH AND SPREAD	CY	11.00	11.00	0.00	4.10	0.00	4.10	4.10	\$ 300.00	\$ 1,230.00	\$ -	\$ 1,230.00
31	PAVEMENT SCARIFICATION	SY	219.00	219.00	0.00	536.90	0.00	536.90	536.90	\$ 23.00	\$ 12,348.70	\$ -	\$ 12,348.70
32	BRIDGE APPROACH PAVEMENT, AS PER PLAN	SY	865.00	865.00	0.00	868.00	0.00	868.00	868.00	\$ 220.00	\$ 190,960.00	\$ -	\$ 190,960.00
33	HOT MIX ASPHALT STANDARD TRAFFIC, SURF COURSE, 1/2 IN. MIX, NO SCL FR	SY	291.00	291.00	0.00	536.90	0.00	536.90	536.90	\$ 38.00	\$ 20,402.20	\$ -	\$ 20,402.20
34	REMOVALS, AS PER PLAN	LS	1.00	1.00	0.00	1.00	0.00	1.00	1.00	\$ 12,510.00	\$ 12,510.00	\$ -	\$ 12,510.00
35	LONGITUDINAL GROOVING IN CONCRETE	SY	2,763.00	2,763.00	0.00	2,763.00	0.00	2,763.00	2,763.00	\$ 1.99	\$ 5,498.37	\$ -	\$ 5,498.37
36	REMOVAL OF PAVEMENT	SY	935.00	935.00	0.00	935.00	0.00	935.00	935.00	\$ 15.00	\$ 14,025.00	\$ -	\$ 14,025.00
37	REMOVAL OF RECREATIONAL TRAIL	SY	850.00	850.00	0.00	843.60	0.00	843.60	843.60	\$ 12.00	\$ 10,123.20	\$ -	\$ 10,123.20
38	RECREATIONAL TRAIL, HOT MIX ASPHALT, 6 IN.	SY	340.00	0.00	0.00	0.00	0.00	-	-	\$ 64.00	\$ -	\$ -	\$ -
39	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	1.90	1.90	0.00	0.00	0.00	-	-	\$ 1,800.00	\$ -	\$ -	\$ -
40	REMOVAL OF SIDEWALK	SY	876.00	876.00	0.00	785.10	0.00	785.10	785.10	\$ 12.00	\$ 9,421.20	\$ -	\$ 9,421.20
41	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	570.00	570.00	0.00	463.30	0.00	463.30	463.30	\$ 100.00	\$ 46,330.00	\$ -	\$ 46,330.00
42	DETECTABLE WARNINGS	SF	60.00	60.00	0.00	68.00	0.00	68.00	68.00	\$ 100.00	\$ 6,800.00	\$ -	\$ 6,800.00
43	P.C. CONCRETE RETAINING WALL	CY	8.00	8.00	0.00	2.75	0.00	2.75	2.75	\$ 3,500.00	\$ 9,625.00	\$ -	\$ 9,625.00
44	SAFETY CLOSURE	EACH	6.00	6.00	0.00	2.00	0.00	2.00	2.00	\$ 200.00	\$ 400.00	\$ -	\$ 400.00
45	FENCE, TEMPORARY	LF	2,055.00	2,055.00	0.00	2,217.00	0.00	2,217.00	2,217.00	\$ 11.75	\$ 26,049.75	\$ -	\$ 26,049.75
46	REMOVAL OF FENCE, TEMPORARY	LF	2,055.00	2,055.00	0.00	2,217.00	0.00	2,217.00	2,217.00	\$ 1.25	\$ 2,771.25	\$ -	\$ 2,771.25
47	HANDHOLES AND JUNCTION BOXES	EACH	4.00	4.00	0.00	4.00	0.00	4.00	4.00	\$ 1,775.00	\$ 7,100.00	\$ -	\$ 7,100.00
48	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	EACH	5.00	5.00	0.00	5.00	0.00	5.00	5.00	\$ 1,015.00	\$ 5,075.00	\$ -	\$ 5,075.00

LINE NO	ITEM DESCRIPTION	UNIT	UNITS				PREVIOUS CONSTR. TO-DATE	CURRENT CONSTR. TO-DATE	UNIT PRICE	TOTAL AMOUNT Division I	TOTAL AMOUNT Division II	TOTAL AMOUNT
			CONTRACT	AUTHORIZED Division I	AUTHORIZED Division II	CONSTRUCTED Division I						
49	PAINTED PAVEMENT MARKINGS, DURABLE	STA	33.20	33.20	0.00	24.97	0.00	24.97				
50	PAINTED SYMBOLS AND LEGENDS, DURABLE	EACH	2.00	2.00	0.00	4.00	0.00	4.00	\$ 100.00	\$ 2,497.00	\$ -	\$ 2,497.00
51	PAVEMENT MARKINGS REMOVED	STA	18.80	18.80	0.00	2.86	0.00	2.86	\$ 120.00	\$ 480.00	\$ -	\$ 480.00
52	SYMBOLS AND LEGENDS REMOVED	EACH	2.00	2.00	0.00	2.00	0.00	2.00	\$ 35.00	\$ 100.10	\$ -	\$ 100.10
53	GROOVES CUT FOR PAVEMENT MARKINGS	STA	33.20	33.20	0.00	24.97	0.00	24.97	\$ 200.00	\$ 200.00	\$ -	\$ 200.00
54	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	2.00	2.00	0.00	4.00	0.00	4.00	\$ 50.00	\$ 1,248.50	\$ -	\$ 1,248.50
55	TRAFFIC CONTROL	LS	1.00	1.00	0.00	1.00	0.00	1.00	\$ 400.00	\$ 400.00	\$ -	\$ 400.00
56	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	160.00	160.00	0.00	20.00	0.00	20.00	\$ 13,960.00	\$ 13,960.00	\$ -	\$ 13,960.00
57	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	156.00	156.00	0.00	156.00	0.00	156.00	\$ 100.00	\$ 2,000.00	\$ -	\$ 2,000.00
58	FITTINGS BY COUNT, DUCTILE IRON, 22.5 DEGREE BEND	EACH	4.00	4.00	0.00	4.00	0.00	4.00	\$ 925.00	\$ 144,300.00	\$ -	\$ 144,300.00
59	FITTINGS BY COUNT, DUCTILE IRON, 45 DEGREE BEND	EACH	4.00	4.00	0.00	6.00	0.00	6.00	\$ 4,467.00	\$ 17,868.00	\$ -	\$ 17,868.00
60	VALVE, GATE, DIP, 20 IN.	EACH	2.00	2.00	0.00	2.00	0.00	2.00	\$ 4,467.00	\$ 26,802.00	\$ -	\$ 26,802.00
61	ADJUSTMENT OF FIXTURES	EACH	9.00	9.00	0.00	9.00	0.00	9.00	\$ 23,659.00	\$ 47,318.00	\$ -	\$ 47,318.00
62	EMERGENCY REMOVAL/REPLACEMENT OF CONSTRUCTION ACCESS	EACH	1.00	1.00	0.00	0.00	0.00	0.00	\$ 1,100.00	\$ 9,900.00	\$ -	\$ 9,900.00
63	INLET PROTECTION DEVICE, DROP-IN	EACH	4.00	4.00	0.00	2.00	0.00	2.00	\$ 20,000.00	\$ -	\$ -	\$ -
64	INLET PROTECTION DEVICE, MAINTENANCE	EACH	6.00	6.00	0.00	6.00	0.00	6.00	\$ 1,000.00	\$ 2,000.00	\$ -	\$ 2,000.00
65	INLET PROTECTION DEVICE, OPEN THROAT	EACH	2.00	2.00	0.00	3.00	0.00	3.00	\$ 50.00	\$ 300.00	\$ -	\$ 300.00
66	REMOVE, STORE, PROTECT, AND REINSTALL STONE BENCHES	EACH	21.00	21.00	0.00	21.00	0.00	21.00	\$ 1,000.00	\$ 3,000.00	\$ -	\$ 3,000.00
67	2 IN. FIBERGLASS CONDUIT	LF	506.00	0.00	506.00	0.00	459.00	459.00	\$ 1,140.76	\$ 23,955.96	\$ -	\$ 23,955.96
68	2 IN. SCH 40 PVC CONDUIT	LF	3,542.00	0.00	4,554.00	0.00	4,014.00	4,014.00	\$ 5.36	\$ -	\$ 4,828.68	\$ 4,828.68
69	2 IN. RIGID STEEL CONDUIT	LF	3,063.00	147.00	2,916.00	2,024.00	0.00	2,024.00	\$ 23.60	\$ 47,766.40	\$ -	\$ 47,766.40
70	5 IN. FIBERGLASS CONDUIT	LF	3,036.00	0.00	3,036.00	0.00	2,754.00	2,754.00	\$ 23.39	\$ 64,416.06	\$ -	\$ 64,416.06
71	CAST IN PLACE STADIUM SEATING	LF	110.00	110.00	0.00	112.20	0.00	112.20	\$ 500.00	\$ 56,100.00	\$ -	\$ 56,100.00
72	WATER MAIN, STEEL, 20 IN.	LF	435.00	435.00	0.00	435.00	0.00	435.00	\$ 486.21	\$ 211,501.35	\$ -	\$ 211,501.35
73	REMOVE AND REINSTALL PED CROSSING SIGNAL	LS	1.00	1.00	0.00	1.00	0.00	1.00	\$ 8,600.00	\$ 8,600.00	\$ -	\$ 8,600.00
74	COLORED PCC, 6 IN.	SY	530.00	530.00	0.00	569.80	0.00	569.80	\$ 150.00	\$ 85,470.00	\$ -	\$ 85,470.00
75	PEDESTRIAN BRIDGE APPROACH SIDEWALK	SY	250.00	250.00	0.00	234.70	0.00	234.70	\$ 195.00	\$ 45,766.50	\$ -	\$ 45,766.50
76	PRECAST CONCRETE UNIT PAVERS, TYPE 3	SY	505.00	305.00	0.00	239.00	0.00	239.00	\$ 175.00	\$ 41,825.00	\$ -	\$ 41,825.00
77	MULCHING, BONDED FIBER MATRIX	ACRE	0.50	0.50	0.00	0.00	0.00	0.00	\$ 5,000.00	\$ -	\$ -	\$ -
78	SODDING	SQ	50.00	50.00	0.00	66.90	0.00	66.90	\$ 125.00	\$ 8,362.50	\$ -	\$ 8,362.50
79	STABILIZING CROP - SEEDING AND FERTILIZING	ACRE	0.50	0.50	0.00	0.00	0.00	0.00	\$ 3,250.00	\$ -	\$ -	\$ -
80	WATERING FOR SOD, SPECIAL DITCH CONTROL OR SLOPE PROTECTIO	MGAL	10.00	10.00	0.00	14.00	0.00	14.00	\$ 60.00	\$ 840.00	\$ -	\$ 840.00
81	MOBILIZATION FOR WATERING	EACH	10.00	10.00	0.00	5.00	0.00	5.00	\$ 350.00	\$ 1,750.00	\$ -	\$ 1,750.00
82	PERIMTER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	2,000.00	2,000.00	0.00	0.00	0.00	0.00	\$ 3.50	\$ -	\$ -	\$ -
83	REMOVAL OF PERIMTER AND SLOPE SEDIMENT CONTROL DEVICE	LF	2,000.00	2,000.00	0.00	0.00	0.00	0.00	\$ 1.00	\$ -	\$ -	\$ -
84	MOBILIZATIONS, EROSION CONTROL	EACH	10.00	10.00	0.00	3.00	0.00	3.00	\$ 500.00	\$ 1,500.00	\$ -	\$ 1,500.00
85	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1.00	1.00	0.00	0.00	0.00	0.00	\$ 1,000.00	\$ -	\$ -	\$ -
86	TREES, REMOVE AND REPLACE (WITH WARRANTY)	EACH	2.00	2.00	0.00	0.00	0.00	0.00	\$ 800.00	\$ -	\$ -	\$ -
87	MULCH	CY	8.00	8.00	0.00	0.00	0.00	0.00	\$ 50.00	\$ -	\$ -	\$ -
CO NO. 1												
8001	TRAFFIC CONTROL - PAVEMENT MARKINGS	LS	1.000	1.000	0.000	1.000	0.000	1.00	\$600.00	\$ 600.00	\$ -	\$ 600.00
8002	TRAFFIC CONTROL - LOCUST ST. LANE DROP	LS	1.000	1.000	0.000	1.000	0.000	1.00	\$690.00	\$ 690.00	\$ -	\$ 690.00
8003	HEATING OF STRUCTURAL CONCRETE	CY	1,000.000	1,372.400	0.000	1,372.400	0.000	1,372.40	\$5.00	\$ 6,862.00	\$ -	\$ 6,862.00
8004	PROTECTION OF STRUCTURAL CONCRETE	CY	1,000.000	1,365.200	0.000	1,365.200	0.000	1,365.20	\$7.00	\$ 9,556.40	\$ -	\$ 9,556.40
8005	STEEL PILE WELDING	EACH	30.000	30.000	0.000	30.000	0.000	30.00	\$750.00	\$ 22,500.00	\$ -	\$ 22,500.00
CO NO. 2												
8006	STRUCTURAL CONCRETE (BRIDGE)	CY	0.000	1,302.500	0.000	1,302.500	0.000	1,302.50	\$797.50	\$ 1,038,743.75	\$ -	\$ 1,038,743.75
8007	ADDITIONAL RAIL POST LIGHTS	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$19,064.00	\$ 19,064.00	\$ -	\$ 19,064.00
8008	WATERMAIN THRUST-BLOCK	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$15,400.00	\$ 15,400.00	\$ -	\$ 15,400.00
8009	FIBERGLASS CONDUIT CHANGES	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$14,985.10	\$ 14,985.10	\$ -	\$ 14,985.10
CO NO. 3												
8010	WINGWALL REMOVAL	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$3,200.00	\$ 3,200.00	\$ -	\$ 3,200.00
8011	ELECTRICAL SERVICE CONDUIT, 4"	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$3,715.08	\$ 3,715.08	\$ -	\$ 3,715.08
8012	WATERMAIN BLOWOFF PIPING	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$2,550.00	\$ 2,550.00	\$ -	\$ 2,550.00
8013	WATERMAIN ROLLER SHIELDS	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$13,796.20	\$ 13,796.20	\$ -	\$ 13,796.20
8014	APPROACH REMOVALS	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$2,897.80	\$ 2,897.80	\$ -	\$ 2,897.80
8015	AESTHETIC PANEL DAMPERS	LS	0.000	1.000	0.000	1.000	0.000	1.00	\$4,250.00	\$ 4,250.00	\$ -	\$ 4,250.00
8016	MANHOLE CASTINGS	EACH	0.000	2.000	0.000	2.000	0.000	2.00	\$1,391.50	\$ 2,783.00	\$ -	\$ 2,783.00
8017	RECREATIONAL TRAIL, PCC, 6 in.	SY	0.000	340.000	0.000	273.800	0.000	273.80	\$64.00	\$ 17,523.20	\$ -	\$ 17,523.20
CO NO. 5												
	ADMINISTRATIVE CONTRACT ADJUSTMENT									\$ 0.04	\$ -	\$ 0.04
									Sub-Totals:	\$ 9,941,276.85	\$ 90,759.78	
										Division I	Division II	

LINE NO	ITEM DESCRIPTION	UNIT	CONTRACT	UNITS		PREVIOUS CONSTR. TO-DATE	CURRENT CONSTR. TO-DATE	UNIT PRICE	TOTAL AMOUNT Division I	TOTAL AMOUNT Division II	TOTAL AMOUNT
				AUTHORIZED Division I	AUTHORIZED Division II						
	ORIGINAL CONTRACT AMOUNT	\$	9,988,140.60								
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$	10,032,036.63								
	PARTIAL PAYMENT NO. 1	\$	316,837.64						242,450.44		
	PARTIAL PAYMENT NO. 2	\$	462,799.22						295,240.23		
	PARTIAL PAYMENT NO. 3	\$	455,121.28						627,164.40		
	PARTIAL PAYMENT NO. 4	\$	356,785.00						694,350.97		
	PARTIAL PAYMENT NO. 5	\$	229,399.78						115,867.30		
	PARTIAL PAYMENT NO. 6	\$	824,354.92						67,564.46		
	PARTIAL PAYMENT NO. 7	\$	674,550.00						56,412.76		
	PARTIAL PAYMENT NO. 8	\$	725,515.64						65,248.84		
	PARTIAL PAYMENT NO. 9	\$	144,585.25						277,483.30		
	PARTIAL PAYMENT NO. 10	\$	11,559.56						58,370.09		
	PARTIAL PAYMENT NO. 11	\$	669,599.97						5,786.77		
	PARTIAL PAYMENT NO. 12	\$	205,307.91								
	PARTIAL PAYMENT NO. 13	\$	630,928.21								
	PARTIAL PAYMENT NO. 14	\$	334,311.65								
	PARTIAL PAYMENT NO. 15	\$	575,685.25								
	PARTIAL PAYMENT NO. 16	\$	843,947.37								
	PARTIAL PAYMENT NO. 17	\$	34,808.42								
	THIS PARTIAL PAYMENT	\$									
	TOTAL PARTIAL PAYMENTS	\$							10,002,036.63		
	BALANCE	\$							30,000.00		

PREPARED BY: Beuhle CONTRACTOR APPROVED: BRC
 CHECKED BY: D. King **Cramer and Associates, Inc**

TOTAL	(approx. % complete) = 100.0%	\$ 10,032,036.63
RETAINAGE, 3% w/ \$30,000 max		\$ 30,000.00
TOTAL LESS RETAINAGE		\$ 10,002,036.63
LESS PREVIOUS PAYMENT		\$ 10,002,036.63
AMOUNT DUE		\$ -

PARTIAL PAYMENT NO. 29 - FINAL

Locust Street Bridge Replacement Project Category/Activity	Per TIGER Attachment *C*	Budget/Estimate (Per Contract Bid)	Revised Estimate/Budget Based on Approved CO's	Completed to Date
Project Development	\$ 137,500.00	-		\$ 137,500.00
Mobilization & Construction Access	\$ 1,000,000.00	\$ 1,187,540.00	\$ 1,188,830.04	\$ 1,138,861.00 96%
Removal of Existing Bridge	\$ 900,000.00	\$ 818,726.00	\$ 818,726.00	\$ 818,726.00 100%
Substructure Construction	\$ 2,450,000.00	\$ 2,771,733.15	\$ 2,806,898.15	\$ 2,799,998.15 100%
Superstructure Construction	\$ 3,525,000.00	\$ 3,911,285.73	\$ 3,958,587.98	\$ 3,923,703.26 99%
Approach Construction	\$ 125,000.00	\$ 1,298,855.72	\$ 1,333,384.92	\$ 1,308,932.02 98%
Contingency	\$ 575,000.00	-	\$ 41,816.20	\$ 41,816.20
Subtotal- Construction Cats.:	\$	\$ 9,988,140.60	\$ 10,148,243.29	\$ 10,032,036.63
Total (incl. Proj. Dev. & Conting.):	\$ 8,712,500.00	\$ 10,700,640.60		\$ -
			Retainage =	\$ 30,000.00
			Total Construction Paid =	\$ 10,002,036.63

FY 16 TIGER Funds (Eligible)	TIGER Match (City of DSM)	Other Federal (STP)	STP Match (City of DSM)	Additional (City of DSM)
\$ -	\$ -	-	-	\$ 137,500.00
\$ 911,088.80	\$ 227,772.20	-	-	
\$ 654,980.80	\$ 163,745.20	-	-	
\$ 2,239,998.52	\$ 559,999.63	-	-	
\$ 3,138,962.61	\$ 784,740.65	-	-	
\$ 1,047,145.62	\$ 261,786.40	-	-	
\$ 33,452.96	\$ 8,363.24	-	-	
Retainage (Deduct):	\$ (24,000.00)	\$ (6,000.00)	\$ -	\$ -
Total Eligible for TIGER =	\$ 8,001,629.31	\$ 2,000,407.32		\$ 137,500.00
Maximum TIGER amount:	\$ 1,300,000.00			
Additional City Share =	\$ 6,701,629.31			\$ 8,839,536.63
				Total Construction Paid = \$ 10,002,036.63