Roll Call Number	Agenda Item Number
	12B
DATE September 9, 2013	

# ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR SOUTHEAST CONNECTOR - DES MOINES RIVER BRIDGE WITH LEVEE, SANITARY SEWER, AND WATER MAIN RELOCATION, UNITED CONTRACTORS, INC. AND SUBSIDIARIES

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 Southeast Connector - Des Moines River Bridge with Levee, Sanitary Sewer, and Water Main Relocation, 12-2007-003, in accordance with the contract approved between United Contractors, Inc. and Subsidiaries, Gary B. Sandquist, President, 6678 N.W. 62nd Avenue, Johnston, IA 50131, under Roll Call No. 08-616, of April 7, 2008, 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 \$12,504,349.74 is the total cost, of which \$12,474,349.74 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
Juthen Yangal	5 Sesting on
Kathleen Vanderpool Deputy City Attorney	Scott E. Sanders Des Moines Finance Director



Funding Source: 2013-2014 CIP, Page Street - 34, Southeast Connector - S.W. Second to S.E. Sixth Street, ST214, Being: \$1,995,645.51 in TIF, and \$1,828,055.20 in Federal Transportation earmark funds under NHSX-U-1945(402)--8S-77, and \$2,970,000 in Federal Transportation earmark funds, and \$2,292,000 in Federal Surface Transportation Program funds under NHSX-U-1945(403)--8S-77, and \$3,404,729.78 in Federal Transportation earmark funds under NHSX-U-1945(405)--8S-77, and \$13,919.25 to be reimbursed by the Des Moines Water Works

NHSX-U-1945(402)--8S-77, NHSX-U-1945(403)--8S-77, NHSX-U-1945(405)--8S-77

12-2007-003

1

*	Roll	Call	Num	ber
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Agenda Item Number

128

DATE September 9, 2013

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

MOTION CARRIED

APPROVED

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.

Mayor

City Clerk



SOUTHEAST CONNECTOR: DES MOINES
RIVER BRIDGE / LEVEE, SANITARY
SEWER AND WATER MAIN RELOCATION,
AS ONE TIED PROJECT
IDOT PROJECT NOS.
NHSX-U-1945(402)--8S-77
NHSX-U-1945(403)--8S-77
CITY ACTIVITY ID 12-2007-003



### PROJECT SUMMARY

Southeast Connector - Des Moines River Bridge with Levee, Sanitary Sewer, and Water

Activity ID 12-2007-003

On April 7, 2008, under Roll Call No. 08-616, the Council awarded the contract for the above improvements to United Contractors, Inc. and Subsidiaries, in the amount of \$12,256,914.02. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	11/17/2009 This change order includes: Deleting part of the Bridge Electrical Bid Item and adding the Value Engineering Incentive Proposal of substituting Fiberglass Conduit for the proposed Galvanized Rigid Steel Conduit.	\$(14,550.00)
2	Contractor	12/7/2009  Deleting Excavation, Class 21 and adding Excavation, Class 22 for both East & West Bound SEC Bridges, and adding the Disposal of Unsuitable Excavation for the East Bound SEC Bridge.	\$80,236.00
3	Contractor	12/7/2009 Adding reinforcing steel, epoxy coated reinforcing steel, and additional compensation to reimburst the contractor for the extra material and freight cost associated with providing additional haunch steel.	\$86,257.94
4	Consultant	5/27/2010  Adding Class 10 Excavation, 8" & 48" Sanitary Sewer Pipes and Bend, Special Waste Disposal, Bentonite Trench Cutoff Walls, Simplified Contaminated Material Handling, and deleting PCC Trench Cutoff Walls, Hazardous Materials Containment, and Hazardous Material Disposal.	\$(1,270.48)
5	Consultant	3/8/2010 Adding Structural Concrete Retaining Walls, Ornamental Metal Railings, and Class 20 Excavation.	\$78,400.30
6	User	8/6/2010  Seal four original abutment penetrations and horizontal concrete coring of the west abutment and piers 1, 2, 3, & 4.	\$21,458.00
7	User	9/21/2010	\$16,750.00

8	User	Modifiy Conduit Hanging Brackets to the West Bound Southeast Connector Bridge.  10/19/2010  Adding to this Contract: Modifications to the Bridge Electrical System, Grounding Clamps to the 5 inch Metal Conduits, and Modifications to the Bridge Pedestrian Railing.	\$21,545.00
9	Engineering	11/15/2010 Add: Mobilization, Longitudinal Grooving, and Abandoning of Sanitary Sewer.	\$24,031.39
10	Contractor	12/9/2010  Add part of the previously deleted Bridge Electrical Bid Item, delete part of the previously added Value Engineering Incentive Proposal, and add the Bridge Deck Smoothness Incentive.	\$14,200.00
11	Engineering	12/22/2010 Add temporary levee closure, permanent levee modification, and removal and disposal of flood debris lodged against bridge piers.	\$23,245.30
12	Engineering	1/5/2011 Add a temporary levee closure, a temporary street closure, and removal and disposal of flood debris.	\$23,387.88
13	User	1/11/2012 Delete PCC Driveway and add PCC Curb, Dowels and Inspection Hole Plugs.	\$819.40
14	City	12/5/2012 Add removal and replacement of the Plexineon Light Strips.	\$7,260.00
15	City	1/25/2013 Adjust contract quantities to match as-built quantities.	\$(145,568.01)
16	Engineering	7/9/2013 Adjusted quantities for Structural Concrete and add tracer wire for bridge conduits, as a result of the IDOT material audit.	\$11,233.00
		Original Contract Amount	\$12,256,914.04
		Total Change Orders	\$247,435.70
		Percent of Change Orders to Original Contract	2.02%
		Total Contract Amount	\$12,504,349.74

September 9, 2013



#### **CERTIFICATION OF COMPLETION**

#### **AGENDA HEADING:**

Accepting completed construction and approving final payment for the Southeast Connector - Des Moines River Bridge with Levee, Sanitary Sewer, and Water Main Relocation, United Contractors, Inc. and Subsidiaries.

#### SYNOPSIS:

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

#### **FISCAL IMPACT:**

Amount: \$12,504,349.74 As-Built Contract Cost

Funding Source: 2013-2014 CIP, Page Street - 34, Southeast Connector - S.W. Second to S.E. Sixth Street, ST214, Being: \$1,995,645.51 in TIF, and \$1,828,055.20 in Federal Transportation earmark funds under NHSX-U-1945(402)--8S-77, and \$2,970,000 in Federal Transportation earmark funds, and \$2,292,000 in Federal Surface Transportation Program funds under NHSX-U-1945(403)--8S-77, and \$3,404,729.78 in Federal Transportation earmark funds under NHSX-U-1945(405)--8S-77, and \$13,919.25 to be reimbursed by the Des Moines Water Works

#### **CERTIFICATION OF COMPLETION:**

On April 7, 2008, under Roll Call No. 08-616, the City Council awarded a contract to United Contractors, Inc. and Subsidiaries, Gary B. Sandquist, President, 6678 N.W. 62nd Avenue, Johnston, IA 50131 for the construction of the following improvement:

Southeast Connector - Des Moines River Bridge with Levee, Sanitary Sewer, and Water Main Relocation, 12-2007-003

The improvement includes construction of the following two improvements which the Iowa Department of Transportation has tied as one single project.

1. Southeast Connector: Des Moines River Bridge

IDOT Project No. NHSX-U-1945(403)--8S-77 and NHSX-U-1945(405)--8S-77, Activity ID 12-2007-003, being: Construction of an eastbound 720' x 36' pretensioned prestressed concrete beam bridge, and a westbound 687'x 36' pretensioned prestressed concrete beam bridge, along with all the necessary excavation, structural concrete, reinforcing steel, structural steel, concrete barrier railing, steel railings, bridge deck drains, steel bearing pile, slope protection, concrete rustication, concrete colored sealer coat, roadway lighting, bridge accent lighting, underdeck security lighting, construction survey, and mobilization; all in accordance with the contract documents including Plan File Nos. 481-001/275.

2. Southeast Connector: Levee, Sanitary Sewer, and Water Main Relocation IDOT Project No. NHSX-U-1945(402)--8S-77, Activity ID 04-2007-010, being:

Construction of approximately 292 LF of 12-inch ductile iron water main and 542 LF of 48-inch concrete sanitary sewer pipe, along with all the necessary excavation, selected backfill, compaction, removals, slotted drains, subdrain, intakes, storm sewer, sanitary sewer, utility access structures, HMA recreation trail, PCC driveway, PCC pavement patches, contaminated soil handling and disposal, slope protection, traffic control, safety closures, fence work, silt fence, topsoil, and restoration; all in accordance with the contract documents including Plan File Nos. 481-276/318.

The improvement is generally located from the west side of the Des Moines River near the intersection of Elm Street and Water Street easterly across the Des Moines River to near the intersection of Raccoon Street and S.E. 3rd Street.

I hereby certify that the construction of said Southeast Connector - Des Moines River Bridge with Levee, Sanitary Sewer, and Water Main Relocation, Activity ID 12-2007-003, 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 April 21, 2008, and was completed on August 30, 2013.

I further certify that \$12,504,349.74 is the total cost of said improvement, of which \$12,474,349.74 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.

Jeb E. Brewer, P.E.

Des Moines City Engineer

WEBULL #

#### ESTIMATE OF CONSTRUCTION COMPLETED **FINAL PARTIAL PAYMENT NO. 54**

CITY OF DES MOINES, IA. CITY ACTIVITY ID: 12-2007-003 **CITY CONTRACT NO: 14355** 

STEEL PIPE PEDESTRIAN HAND RAILING

ORNAMENTAL METAL RAILING C.O. #5

0760

0770

PROJECT NO. NHSX-U-1945(402)--8S-77 NHSX-U-1945(403)--8S-77 NHSX-U-1945(405)--8S-77

DATE:

August 12, 2013

FINAL PARTIAL PAYMENT NO. PROJECT: SE Connector - Des Moines Bridge with Levee, San Sewer and Water Main 54 CONTRACTOR: United Contractors, Inc. AUTHORIZEI CONSTR QUANTITY DESCRIPTION UNIT SECTION QUANTITY TO DATE PRICE TOTAL AMOUNT UNIT 0001 0001 44.20 \$40.50 \$1,790.10 0010 CLEARING & GRUBBING 44 20 44 20 147,600.00 151,143.95 0020 SELECTED BACKFILL SELECTED BACKFILL
EXCAVATION, CLASS 10, ROWY & BORROW C.O. #4
TOPSOIL, FURNISH & SPREAD
COMPACTION WITH MOISTURE & DENSITY CONTROL 14,191,92 C 000 12,806,00 14,191,92 10.6 CY 0001 1 635 00 1 635 00 1 635 00 23 50 38 422 50 22,464.00 0050 GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN C.O. #15 000 196.00 267.00 267.00 34.00 9.078.00 REMOVAL OF EXIST STRUCTURES
REMOVALS, AS PER PLAN LS 0001 1.00 1 00 15,000 or 15 000 00 25,000.00 25,000.00 2,185.00 REMOVALS, AS PER PLAN
COMPACTION WITH MOISTURE CONTROL (STRUCTURES)
EXCAVATION, CLASS 20
DRAIN, CORRUGATED METAL SLOTTED PIPE, 15 IN., W/6 IN. GRATE C.O. #15 874.00 874.00 0000 C١ 000 874.00 Č 0001 997 00 992 00 992 00 30.00 29 760 OC 184.00 206.50 193,00 24,840.0 0110 SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA. C.O. #15 LF 000 196.00 206.50 20,00 4,130.00 10.000.00 FACH 0001 3 00 3.00 3.00 30,000.00 INTIAKE, KA-63 SEWER PIPE, DUCTILÈ IRON STORM, 8 IN. DIA. C.O. #15 UTILITY ACCESS, SPECIAL REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN. C.O. #15 4,434.00 180,000.00 90.000.00 FACH 0001 2.00 2.00 110.00 Ü 0001 130.00 130 00 30 O 6 500 00 REMOVE SANITARY SEWER PIPE GREATER THAN 36 IN. C.O. #15 LF 0001 625.00 644.00 644.00 145.00 93,380.00 0170 31,937.50 SEWER PIPE PLASTIC SANITARY, 8 IN. C.O. #4 LF 76.00 91.25 91.25 350.00 0180 0001 525,600.00 SEWER CONCRETE SANITARY, 3000D, 48 IN. C.O. #4 LF 0001 542.00 584.00 584.00 900.00 0190 ENGINEERING FABRIC C.O. #15 SY 0001 268 30 255.85 255.85 5.70 1.458.35 REVETMENT, CLASS E.C.O. #15 TON 0001 290.00 261.90 261.90 53.50 14,011,65 0210 REMOVAL OF PAVEMENT 7,405,00 7,405,00 4.95 36,654.75 0001 0220 REMOVAL OF RECREATIONAL TRAIL C.O. #15 ٩V 1,726.00 1,845.01 1,845.01 4 00 7 380 04 0001 RECREATIONAL TRAIL, HOT MIX ASPHALT, 6 IN. C.O. #15 SY 0001 2.148.20 2.008.81 2.008.81 36.30 72,919,81 STA 3,105.90 0250 SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL C.O. #15 0001 16.00 14.79 14.79 210.00 SY 376,30 212.70 212.70 33.5 7,125,45 DRIVEWAY, P.C. CONCRETE, 7 IN. C.O #13 0001 0260 REMOVAL OF RETAINING WALLS AND FOOTINGS 1.00 1.00 1.00 2,300,00 2.300.00 0270 LS 0001 FACE SAFETY CLOSURE C.O. #15 0001 7.00 4 00 4.00 200.00 800.00 0280 FENCE, REMOVE AND REINSTALL CHAIN LINK, AS PER PLAN. C.O. #15 177.00 177.00 1,779.00 71,00 LF 0001 10.0 0290 REMOVAL OF CHAIN LINK FENCE, AS PER PLAN 1,110.00 1,110.00 1,110.00 1.20 1,332,00 0300 FENCE, SAFETY C.O. #15 1 F 0001 810.00 400.00 400.00 4.00 1,600,00 0310 ENTRANCE BOLLARD C.O. #15 500.00 EACH 0001 2.00 0.00 0320 EACH 1,00 1.00 1.00 5,000.00 5,000.00 0330 FIELD LABORATORY 0001 2,000.0 4.000.00 REMOVE & REINSTALL LIGHT POLE AND LUMINAIRE EACH 2,00 2,00 2.00 0340 TRAFFIC CONTROL 18 0001 1.00 1.00 1.00 12,000.00 12,000.00 PATCHES, FULL-DEPTH FINISH, BY AREA C.O. #15 0360 SY 0001 106.60 117.17 117,17 145.00 16,989,65 0,50 0.50 PATCHES, FULL-DEPTH FINISH, BY COUNT C.O. #15 EACH 1.00 250.0 125.0 0370 0001 1.00 218,000.00 1.00 1.00 218,000.00 MOBILIZATION LS 0001 0380 GATE VALVE AND VALVE BOX, 12 IN. FACH 0001 1.00 1.00 1.00 2,500.00 2,500.00 0390 325,750 325.75 175.00 57,006.25 WATER MAIN, DUCTILE IRON, 12 IN. C.O. #15 LF 0001 292.00 0400 235,00 235.00 2,350.00 LB 324.00 0001 0410 WATER MAIN FITTINGS C.O. #15 344 00 387 00 387 00 20.00 7,740.00 WATER MAIN, REMOVE, AS PER PLAN C.O. #15 LF 0001 0420 REMOVAL OF REVETMENT ('CUBIC YARDS' ITEM) CY 0001 2.950.00 2,950,00 2,950.00 21.25 62,687,50 0430 950.0 TRENCH CUTOFF WALLS ('CUBIC YARDS' ITEM) C.O. #4 17.00 0.00 0440 CY 0001 0.00 CONTAMINATED SOIL HANDLING ('LUMP SUM' ITEM) LS 1.00 1.00 250,000.0 250,000,00 0450 1,500.00 HAZARDOUS MATERIALS CONTAINMENT ('TONS' ITEM) C.O. #4 TON 0001 10.00 0.00 0.00 HAZARDOUS MATERIAL DISPOSAL ('TONS' ITEM) C.O. #4 TON 0001 10.00 0.00 1,500.00 0.00 0470 1,385.08 1,385.08 117,731.80 TON 1,200.00 85.0 0480 SPECIAL WASTE DISPOSAL ('TONS' ITEM) C.O. #4 0001 ACRE 350.00 0.00 MULCHING C.O. #15 5,00 0490 SEEDING & FERTILIZING (URBAN) C.O. #15 ACRE 0001 5.00 700 00 0.00 3,856.00 0510 MACADAM STONE SLOPE PROTECTION, C.O. #15 SY 0001 126,50 96.40 96.40 40,00 ACRE 3,00 STABILIZING CROP - SEEDING & FERTILIZING (URBAN) C.O. #15 150.00 0.00 0001 0520 2,170.00 1,001.40 1,001.40 1.652.31 SILT FENCE C.O. #15 LF 0001 1.65 0530 CLEAN-OUT OF SILT FENCE C.O. #15 1 F 0001 2,170.00 0.75 0.0 1,100.00 1,100.00 8007 SEWER CONCRETE, SANITARY, 3000D, 48 IN BEND C.0, #4 EACH 0001 1.00 1.00 ADJUST, FOR SIMPLIFIED CONTAMINATED MATR'L HANDLING C.O. #4 (1.00) (1.00 46,000,0 46,000.00 LS 0001 8008 TRENCH CUTOFF WALLS (BENTONITE WALLS) C.O. #4 25 50 25 50 633 34 16,150,17 CY 0001 8021 LEVEE MODIFICATION C.O. #11 LS 0001 1.00 1.00 811.25 811.25 5,065.50 1.00 1.00 5.065.50 8024 TEMPORARY STREET CLOSURE C.O. #12 LS 0001 CONSTRUCT ADDITIONAL PCC CURB C.O. #13 3,500.00 3,500.00 LS 1.00 8026 8027 DRILL AND DOWEL INTO EXISTING PARKING LOT C.O #13 LS 0001 1 00 1.00 2.000.00 2,000,00 SUBTOTAL FOR SECTION 0001: PROJECT NO. NHSX-U-1945(402)--85-77 2,271,684,43 EXCAVATION, CLASS 20 C.O. #5 885.00 928.00 928.00 50.00 46,400.00 0550 CI 0002 175.00 193,987.50 EXCAVATION, CLASS 21 C.O. #2 CY 0002 1,156.00 1,108.50 1,108.50 0560 STRUCTURAL CONCRETE (MISCELLANEOUS) C.O. #5 CY 0002 24.00 43.20 43.20 1.300.00 56,160,00 0570 2,708.00 2,669.60 475.00 1,268,060.00 0580 STRUCTURAL CONCRETE (BRIDGE) C.O. #15 CY 0002 2,669.60 LB 172,295.00 188,274.00 188,274.00 0,90 169,446.60 0002 REINFORCING STEEL C.O. #3 0590 REINFORCING STEEL, EPOXY COATED C.O. #3 & #15 343,274.00 368,510.00 368,510.00 0.90 331.659.00 LB 0002 0600 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC050 EACH 0002 8.00 8.00 8.00 10,000,00 80,000,00 EACH 60,000.00 3.00 3.00 3.00 20,000.00 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC115 0002 0620 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC116 EACH 0002 3.00 3.00 3.00 20,000.00 60.000.00 0630 21,000.00 EACH 3.00 3.00 3.00 63,000.00 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC117 0002 0640 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC118 EACH 0002 3.00 3.00 3.00 21,000,00 63,000,00 63,000.00 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC119 **EACH** 3.00 3.00 3.00 21,000.00 0660 0002 352,000.00 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC120 EACH 0002 16.00 16.00 16.00 22,000.00 0670 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC121 3.00 3.00 3.00 22,000.00 66,000.00 0680 EACH 0002 0690 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC122 **EACH** 0002 3.00 3.00 3.00 22,000.00 66,000.00 3.00 22,000,00 66,000.00 3,00 3.00 0700 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC123 **EACH** 0002 13,000.00 104,000.00 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC65 EACH 0002 8,00 8.00 8.00 0710 LB 0002 56 655 00 56,655,00 56,655,00 3.50 198,292,50 0720 STRUCTURAL STEEL STEEL EXTRUSION JOINT WITH NEOPRENE LF 0002 127.00 127.00 127.00 150.00 19,050.00 0730 15,753.60 262.56 262.56 60.00 CONCRETE BARRIER RAILING, MEDIAN LF 262.56 0740 0002 734.81 734.81 734.81 CONCRETE BARRIER RAILING, REINFORCED, SEPARATION LF 0002 50.00 0750

LE

LF

0002

0002

734.81

747,32

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734.81

779.14

65.00

110.00

47,762,65

85,705.40

CITY OF DES MOINES, IA. CITY ACTIVITY ID: 12-2007-003 CITY CONTRACT NO: 14355

## ESTIMATE OF CONSTRUCTION COMPLETED FINAL PARTIAL PAYMENT NO. 54

PROJECT NO. NHSX-U-1945(402)--8S-77

NHSX-U-1945(403)--8S-77 NHSX-U-1945(405)--8S-77

DATE: August 12, 2013
FINAL PARTIAL PAYMENT NO. 54

## PROJECT: SE Connector - Des Moines Bridge with Levee, San Sewer and Water Main CONTRACTOR: United Contractors, Inc.

	CTOK: United Contractors, Inc.	1	T		UNITS			
LINE NO.	DESCRIPTION	UNIT	SECTION	PLAN QUANTITY	AUTHORIZEI QUANTITY	CONSTR. TO DATE	UNIT PRICE	TOTAL AMOUNT
	DECK DRAINS	LS	0002	1.00	1.00	1.00	7,500.00	7,500.00
0790	PILES, STEEL, HP 10 X 57	LF	0002	3,765.00	3,765.00	3,765.00	40,00	150,600.00
	PILES, STEEL, HP 12 X 53	LF	0002	8,980.00	8,980.00	8,980.00	40,00	359,200.00
	MOBILIZATION	LS	0002	1.00	1.00	1.00	123,500.00	123,500.00
0820	TEMPORARY STREAM ACCESS CONCRETE SLOPE PROTECTION ('CUBIC YARDS' ITEM) C.O. #15	LS	0002	1.00 377,50	1.00 354.81	1,00 354,81	250,000.00 500.00	250,000.00 177,405.00
0840	WYOMING RAILING (STEEL) ('LINEAR FEET' ITEM)	LF	0002	499.74	499,74	499.74	160.00	79,958.40
0850	COLORED SEALER COAT - STRUCT, CONC - EXTERIOR BEAM FACIA	SY	0002	638.00	638.00	638.00	25.00	15,950.00
0860	COLORED SEALER COAT-STRUCT, CONC RUSTICATION C.O. #15	SY	0002	125,00	75.90	75.90	50.00	3,795,00
0870	SLOPE PROTECTION (GRANITE BOULDERS) ('TONS' ITEM)	TON	0002	1,288.00	1,288.00	1,288.00	100.00	128,800,00
	EXCAVATION, CLASS 20 C.O. #5 EXCAVATION, CLASS 21 C.O. #2	CY	0003	885.00 1,156,00	954.00 1,038,28	954.00 1,038.28	50.00 175.00	47,700.00
	STRUCTURAL CONCRETE ( MISCELLANEOUS) C.O. #5	CY	0003	24,00	53,80	53.80	1,300.00	69,940.00
0910	STRUCTURAL CONCRETE (BRIDGE) C.O. #15	CY	0003	2,699.20	2,694.60	2,694.60	475.00	1,279,935.00
	REINFORCING STEEL C.O. #3	LB	0003	174,885.00	191,450.00	191,450.00	0.90	172,305.00
	REINFORCING STEEL, EPOXY COATED C.O. #3	LB	0003	327,565,00	360,380.00	360,380.00	0.90	324,342.00
	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC050 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC101	EACH EACH	0003	8.00 3.00	8.00 3.00	8,00 3,00	10,000.00 19,000.00	80,000.00
0960	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC101 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC102	EACH	0003	3.00	3.00	3,00	19,000.00	57,000.00 57,000.00
	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC103	EACH	0003	3.00	3.00	3.00	19,000.00	57,000.00
	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC104	EACH	0003	3.00	3.00	3,00	19,000.00	57,000.00
0990	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC105	EACH	0003	3.00	3.00	3,00	19,000.00	57,000.00
	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC106	EACH	0003	3.00	3.00	3,00	19,000.00	57,000.00
1010 1020	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC108 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC109	EACH EACH	0003 0003	3.00	3.00	3,00 3,00	19,000.00 19,000.00	57,000.00
1020	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC109 BEAMS, PRETENSIONED PRESTRESSED CONCRETE, SBTC120	EACH	0003	16.00	16.00	16.00	22,000.00	57,000.00 352,000.00
1040	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC65	EACH	0003	8.00	8.00	8,00	13,000.00	104,000.00
1050	STRUCTURAL STEEL	LB	0003	48,579.00	48,579.00	48,579.00	3.50	170,026.50
1060	STEEL EXTRUSION JOINT WITH NEOPRENE	LF	0003	127.00	127.00	127,00	150.00	19,050.00
1070	CONCRETE BARRIER RAILING, MEDIAN	LF	0003	264.00	264.00	264.00	60.00	15,840.00
1080	CONCRETE BARRIER RAILING, REINFORCED, SEPARATION STEEL PIPE PEDESTRIAN HAND RAILING	LF LF	0003 0003	680.90 680.90	680.90 680.90	680,90 680,90	50.00 65.00	34,045.00 44,258.50
1100	ORNAMENTAL METAL RAILING C.O. #5	LF	0003	679.75	730,66	730,66	110.00	80,372.60
1110	DECK DRAINS	LS	0003	1.00	1.00	1.00	7,500.00	7,500.00
	PILES, STEEL, HP 10 X 57	LF	0003	3,945.00	3,945.00	3,945.00	40.00	157,800.00
	PILES, STEEL, HP 12 X 53	LF	0003	8,330.00	8,330.00	8,330.00	40.00	333,200.00
1140 1150	MOBILIZATION TEMPORARY STREAM ACCESS	LS	0003	1.00	1.00	1.00	105,500.00	105,500.00
1160	TEMPORARY STREAM ACCESS CONCRETE SLOPE PROTECTION ('CUBIC YARDS' ITEM) C.O. #15	LS	0003 0003	1.00 377.50	1.00 331.40	1.00 331.40	250,000.00 500.00	250,000.00 165,700.00
	WYOMING RAILING (STEEL) ("LINEAR FEET" ITEM)	LF	0003	484.33	484.33	484.33	160.00	77,492.80
	COLORED SEALER COAT - STRUCT, CONC EXTERIOR BEAM FACIA	SY	0003	638.00	638.00	638,00	25.00	15,950.00
1190	COLORED SEALER COAT - STRUCT, CONC RUSTICATION C.O. #15	SY	0003	125.00	75.70	75,70	50.00	3,785.00
	SLOPE PROTECTION (GRANITE BOULDERS) ('TONS' ITEM) C.O. #15	TON	0003	1,288.00	514.00	514,00	100.00	51,400.00
1210 1220	BRIDGE ELECTRICAL C.O. #1 & #10 BRIDGE LIGHTING	LS LS	0004 0004	1.00	0.91767 1.00	0.91767	300,000.00 270,000.00	275,300.00 270,000.00
	STOCKPILED MATERIAL - STEEL HP PILES	LS	0003			- 1,00	24,9274	0.00
8999 (2)	STOCKPILED MATERIAL - SBTC PPC BEAMS	EACH	0003	****		-	13,320,8777	0.00
	STOCKPILED MATERIAL - STEEL REINFORCING	LB	9003			-	0.4240	0.00
	STOCKPILED MATERIAL - EPOXY COATED STEEL REINFORCING	LB	0003				0.47925	0.00
	STOCKPILED MATERIAL - DECK DRAINS STOCKPILED MATERIAL - STEEL EXTRUSION W/ NEOPRENE	LS LF	0003				3,800.00 109.00	0.00
	STOCKPILED MATERIAL - STRUCTURAL STEEL	LB	0003			<del></del>	2,49463	0.00
	STOCKPILED MATERIAL - ORNAMENTAL RAILING	LF	0003			-	27.6955	0.00
8999 (9)	STOCKPILED MATERIAL - BRIDGE ELECTRICAL	LS	0004			0.00	0.90	0.00
	STOCKPILED MATERIAL - BRIDGE LIGHTING	LS	0004			-	0.90	0.00
	STOCKPILED MATERIAL - STEEL PIPE PEDESTRIAN HAND RAIL	LF LF	0003			0,00	39.195	0.00
	STOCKPILED MATERIAL - WYOMING RAILING (STEEL) DISPOSAL OF UNSUITABLE EXCAVATION OFF-SITE C.O. #2	LS	0003		1.00	1,00	127.80 7,952.25	7,952.25
	CLASS 22 EXCAVATION EB C.O. #2	CY	0002		47.50	47.50	612.50	29,093.75
8003	CLASS 22 EXCAVATION WB C.O. #2	CY	0003	****	117.72	117.72	612.50	72,103.50
	ADDIT'L. MATR'L COST - EPOXY COATED REINF. STEEL EB C.O. #3	LB	0002		25,056.00	25,056.00	0.0819	2,052.09
	ADDIT'L MATR'L COST - EPOXY COATED REINF, STEEL WB C.O. #3	LB	0003		32,605.00	32,605.00	0.0819	2,670.35
8006 8010	VALUE ENGINEERING FOR CONTRACTOR C.O. #1 HORIZONTAL CONCRETE CORING C.O. #6	LS LS	0004 0003		1.00	1.00	14,550.00 21,458.00	14,550.00 21,458.00
8011	CONDUIT HANGER MODIFICATIONS C.O. #7	LS	0003		1.00	1.00	16,750.00	16,750.00
	BRIDGE ELECTRICAL MODIFICATIONS C.O. #8	LS	0004		1.00	1.00	14,400.00	14,400.00
	GROUND CLAMPS C.O. #8	EACH	0004		4.00	4.00	60.0000	240.00
8014	METAL RAILING MODIFICATIONS C.O. #8	LS	0002, 3		1.00	1.00	6,905.00	6,905.00
8015 8016	LONGITUDINAL GROOVING IN CONCRETE C.O. #9 LONGITUDINAL GROOVING MOBILIZATION C.O. #9	SY LS	0002, 3		6,032.00 1,00	6,032.00 1.00	2,981 2,200.00	17,981.39 2,200.00
	ABANDON SANITARY SEWER C.O. #9	LS	0002, 3		1.00	1.00	3,850.00	3,850.00
	VALUE ENGINEERING FOR CONTRACTOR C.0. #10	LS	0004		(1.00)	(1.00)	2,200.00	-2,200,00
	PAYMENT ADJUSTMENT-INCENTIVE FOR PCC BRIDGE DECK C.O. #10	EACH	0002, 3		12,000.00	12,000.00	1.00	12,000.00
	TEMPORARY LEVEE CLOSURE - MARCH 2010 C.O. #11	LS	9002, 3		1.00	1.00	13,434.05	13,434.05
8022 8023	FLOOD DEBRIS REMOVAL & DISPOSAL C.O. #11 TEMPORARY LEVEE CLOSURE - JUNE 2010 C.O. #12	DAYS LS	0002, 3 0002, 3		1.50 1.00	1.50	6,000.00 15,322.38	9,000.00 15,322.38
8025	FLOOD DEBRIS REMOVAL & DISPOSAL C.O. #12	DAYS	0002, 3		0.50	0.50	6,000.00	3,000.00
	INSPECTION HOLE PLUGS C.O #13	EACH	0002, 3		8.00	8.00	100.00	800.00
8029	PLEXINEON LIGHT FIXTURES, REMOVE AND REPLACE C.O. #14	LS	0004		1.00	1.00	7,260.00	7,260.00
8030	INSTALL WEEP HOLE - DRIVER ELECTRICAL ENCLOSURES C.O. #15	LS	0004		1.00	1.00	352.00	352,00
8031	TRACER WIRE IN BRIDGE CONDUITS	LS	0002, 3		1.00	1.00	7,623.00	7,623.00
H	CII	BTOTAL FO	B SECLIUMS	0002.0003 & A	004: PRO IECT	NO. NHSX-U-194	15(403)88-77	10,232,665.31
	30	PIOINETO	. SECTIONS	, , 62 0	oon i nobect	misa-u-19-		10,434,003.31



CITY OF DES MOINES, IA. CITY ACTIVITY ID: 12-2007-003 CITY CONTRACT NO: 14355

#### ESTIMATE OF CONSTRUCTION COMPLETED FINAL PARTIAL PAYMENT NO. 54

PROJECT NO. NHSX-U-1945(402)--8S-77 NHSX-U-1945(403)--8S-77 NHSX-U-1945(405)--8S-77

DATE: August 12, 2013 FINAL PARTIAL PAYMENT NO. 54

PROJECT: SE Connector - Des Moines Bridge with Levee, San Sewer and Water Main

LINE NO.	DESCRIPTION	UNIT	SECTION	PLAN QUANTITY	UNITS AUTHORIZED QUANTITY	CONSTR. TO DATE	UNIT PRICE	TOTAL AMOUNT
* Plan Quantity by A	Agreement or Specification				<u> </u>			
CONTRA	ACT AMOUNT FOR SECTION 001 PLUS C.O. #13 & #15	- #1 TUDOUCU #16	<u> </u>	2,271,684.43 10,232,665,31				
	ACT AMOUNT FOR SECTIONS 002 003, & 004 PLUS C. O.	s #I THROUGH #IG						
	CONTRACT AMOUNT PLUS CHANGE ORDERS RTIAL PAYMENT			12,504,349.74 (\$0.00)				
TOTAL PARTIAL PAYMENTS \$12,474,349.74								
BALAN	CE REMAINING (LESS RETAINAGE) Percei	nt Complete 100,00%		350,000,00				

PREPARED BY: Kirkham Michael

CONTRACTOR: United Contractors, Inc.

CHECKED BY (CITY):

CONTRACTOR:

TOTAL
RETAINAGE 3%
TOTAL LESS RETAINAGE
LESS PREVIOUS PAYMENTS
AMOUNT DUE \$12,504,349,74 \$30,000.00 \$12,474,349,74 12,474,349.74 (\$0.00)