

**Memorandum
Public Works Department**



To: City Manager
Subject: 11th Street Improvements at 47th Avenue, Project 2769
Date: September 3, 2015
Number: 2015-157

Valley Construction is due payment #1, for 11th Street Improvements at 47th Avenue, Project 2769 for services provided from July 7, 2015 through August 20, 2015. This payment covers the temporary traffic signals and work on the right hand turn lane.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Valley Construction in the amount of \$82,261.38.

Vendor: Valley Construction
Payment Amount: \$82,261.38

Fund:	301	Capital Improvements
Department:	616	Municipal Services
Cost Center:	311	Street Construction
Object Code:	53806	Infrastructure Maintenance
Project :	2769	11 th Street Improvements at 47 th Avenue

Purchase Order Number: P004921

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

**CITY OF ROCK ISLAND
ENGINEERING DIVISION**

Project: 11th Street Improvements South @ 47th Avenue
 CRI Project No: 2769
 Contract Date: May 5, 2015
 Engineer: Missman
 Inspector: Quentin Jefferson
 Contractor: Valley Construction Co.

**Pay Estimate # 1
7/7/2015 to 8/20/2015**

	Contract Amount	Completion Date
Original	\$879,443.97	17-Aug-15

Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
20200100	EARTH EXCAVATION	2176	CU YD	0.0	2.6	2.6	\$12.00	\$31.20
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	4486.6	SQ YD	0.0	21.2	21.2	\$1.18	\$25.02
21101615	TOPSOIL FURNISH AND PLACE, 4"	1791.5	SQ YD	0.0	0.0	0.0	\$6.30	\$0.00
25000200	SEEDING, CLASS 2	0.2	ACRE	0.0	0.0	0.0	\$6,100.00	\$0.00
25000400	NITROGEN FERTILIZER NUTRIENT	28.6	POUND	0.0	0.0	0.0	\$10.50	\$0.00
25000500	PHOSPHORUS FERTILIZER NUTRIENT	28.6	POUND	0.0	0.0	0.0	\$10.50	\$0.00
25000600	POTASSIUM FERTILIZER NUTRIENT	28.6	POUND	0.0	0.0	0.0	\$10.50	\$0.00
25200110	SODDING	760.4	SQ YD	0.0	0.0	0.0	\$6.75	\$0.00
25200200	SUPPLEMENTAL WATERING	75.2	UNIT	0.0	0.0	0.0	\$95.00	\$0.00
28000400	PERIMETER EROSION BARRIER	736	FOOT	0.0	0.0	0.0	\$2.00	\$0.00
28000500	INLET AND PIPE PROTECTION	14	EACH	0.0	0.0	0.0	\$101.00	\$0.00
28001100	TEMPORARY EROSION CONTROL BLANKET	500	th Str	0.0	0.0	0.0	\$2.21	\$0.00
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	4486.6	SQ YD	0.0	5.5	5.5	\$8.00	\$44.00
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	364.7	SQ YD	0.0	0.0	0.0	\$54.00	\$0.00
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	5.7	SQ YD	0.0	0.0	0.0	\$28.00	\$0.00
40201000	AGGREGATE FOR TEMPORARY ACCESS	350	TON	0.0	0.0	0.0	\$22.00	\$0.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	131	TON	0.0	5.0	5.0	\$177.00	\$885.00
40800010	BITUMINOUS MATERIALS (PRIME COAT)	60	GAL	0.0	2.1	2.1	\$9.20	\$19.32
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	1823.7	SQ YD	0.0	0.0	0.0	\$49.50	\$0.00
42001300	PROTECTIVE COAT	3330	SQ YD	0.0	0.0	0.0	\$0.05	\$0.00
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	684	SQ YD	0.0	0.0	0.0	\$58.00	\$0.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	7483.1	SQ FT	0.0	420.9	420.9	\$6.50	\$2,735.85
42400800	DETECTABLE WARNINGS	208.7	SQ FT	0.0	32.0	32.0	\$27.75	\$888.00
44000100	PAVEMENT REMOVAL	1820	SQ YD	0.0	9.1	9.1	\$10.50	\$95.55
44000200	DRIVEWAY PAVEMENT REMOVAL	280.5	SQ YD	0.0	4.5	4.5	\$14.25	\$64.13
44000500	COMBINATION CURB AND GUTTER REMOVAL	1602.1	FOOT	0.0	279.7	279.7	\$3.20	\$895.04
44000600	SIDEWALK REMOVAL	7420.2	SQ FT	0.0	1597.9	1597.9	\$1.10	\$1,757.69
50300225	CONCRETE STRUCTURES	1.85	CU YD	0.0	0.0	0.0	\$1,225.00	\$0.00
50800105	REINFORCEMENT BARS	48	POUND	0.0	0.0	0.0	\$2.00	\$0.00
50901760	PIPE HANDRAIL	14	FOOT	0.0	0.0	0.0	\$110.00	\$0.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	1	EACH	0.0	0.0	0.0	\$950.00	\$0.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	142	FOOT	0.0	22.0	22.0	\$62.00	\$1,364.00
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	153	FOOT	0.0	0.0	0.0	\$62.00	\$0.00
55100500	STORM SEWER REMOVAL 12"	22	FOOT	0.0	22.0	22.0	\$26.00	\$572.00
56100600	WATER MAIN 6"	8	FOOT	0.0	0.0	0.0	\$110.00	\$0.00
56109210	WATER VALVES TO BE ADJUSTED	4	EACH	0.0	0.0	0.0	\$275.00	\$0.00
56109432	DUCTILE IRON WATER MAIN FITTINGS 6" 90.00 DEGREE BEND	1	EACH	0.0	0.0	0.0	\$475.00	\$0.00
56400400	FIRE HYDRANTS TO BE RELOCATED	1	EACH	0.0	0.0	0.0	\$1,250.00	\$0.00
60107600	PIPE UNDERDRAIN 4"	1903.1	FOOT	0.0	0.0	0.0	\$10.00	\$0.00
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	2	EACH	0.0	0.0	0.0	\$1,725.00	\$0.00
60255500	MANHOLES TO BE ADJUSTED	2	EACH	0.0	0.0	0.0	\$225.00	\$0.00
60500060	REMOVING INLETS	2	EACH	0.0	2.0	2.0	\$250.00	\$500.00
60600605	CONCRETE CURB, TYPE B	490	FOOT	0.0	100.2	100.2	\$38.00	\$3,807.60
60603800	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	61.1	FOOT	0.0	0.0	0.0	\$34.00	\$0.00
60604300	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (Variable Width Gutter Flag)	25.0	FOOT	0.0	0.0	0.0	\$28.00	\$0.00
6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	1566.7	FOOT	0.0	60.7	60.7	\$32.00	\$1,942.40
60618300	CONCRETE MEDIAN SURFACE, 4"	210	SQ FT	0.0	0.0	0.0	\$6.25	\$0.00
66400105	CHAIN LINK FENCE, 4'	51	FOOT	0.0	0.0	0.0	\$65.00	\$0.00
67100100	MOBILIZATION	1	L SUM	0.0	0.75	0.75	\$60,678.74	\$45,509.06
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	1	L SUM	0.0	0.3	0.3	\$21,000.00	\$6,300.00
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	1	L SUM	0.0	0.0	0.0	\$100.00	\$0.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	1	L SUM	0.0	0.0	0.0	\$200.00	\$0.00
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	164.5	SQ FT	0.0	0.0	0.0	\$4.50	\$0.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	1827	FOOT	0.0	0.0	0.0	\$0.60	\$0.00
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	118	FOOT	0.0	0.0	0.0	\$0.90	\$0.00
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	774.5	SQ FT	0.0	0.0	0.0	\$2.50	\$0.00
72000100	SIGN PANEL - TYPE 1	16.8	SQ FT	0.0	0.0	0.0	\$61.00	\$0.00
72000200	SIGN PANEL - TYPE 2	48	SQ FT	0.0	0.0	0.0	\$39.50	\$0.00

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		Original	\$879,443.97	17-Aug-15				
72900200	METAL POST-TYPE B	26	FOOT	0.0	0.0	0.0	\$16.25	\$0.00
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	255.9	SQ FT	0.0	0.0	0.0	\$4.25	\$0.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	3531.5	FOOT	0.0	0.0	0.0	\$1.70	\$0.00
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	1230.8	FOOT	0.0	0.0	0.0	\$2.05	\$0.00
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	1064.2	FOOT	0.0	0.0	0.0	\$2.55	\$0.00
78000800	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	664.6	FOOT	0.0	0.0	0.0	\$4.10	\$0.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	193	FOOT	0.0	0.0	0.0	\$6.00	\$0.00
78100100	RAISED REFLECTIVE PAVEMENT MARKER	106	EACH	0.0	0.0	0.0	\$59.00	\$0.00
78300100	PAVEMENT MARKING REMOVAL	10593.1	SQ FT	0.0	0.0	0.0	\$1.55	\$0.00
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	58	EACH	0.0	0.0	0.0	\$15.00	\$0.00
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	622	FOOT	0.0	0.0	0.0	\$6.22	\$0.00
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	149	FOOT	0.0	0.0	0.0	\$5.55	\$0.00
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	92	FOOT	0.0	0.0	0.0	\$27.50	\$0.00
81028395	UNDERGROUND CONDUIT, PVC, 4" DIA. (PUSHED)	197	FOOT	0.0	0.0	0.0	\$19.25	\$0.00
81400100	HANDHOLE	4	EACH	0.0	0.0	0.0	\$1,550.00	\$0.00
81400730	HANDHOLE, COMPOSITE CONCRETE	1	EACH	0.0	0.0	0.0	\$850.00	\$0.00
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	1700	FOOT	0.0	0.0	0.0	\$0.65	\$0.00
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	3590	FOOT	0.0	0.0	0.0	\$1.45	\$0.00
81702455	ELECTRIC CABLE IN CONDUIT, 800V (XLP-TYPE USE) 3C NO. 16	2425	FOOT	0.0	0.0	0.0	\$1.60	\$0.00
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL Control 250 Watt	4	EACH	0.0	0.0	0.0	\$550.00	\$0.00
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	18	FOOT	0.0	0.0	0.0	\$115.00	\$0.00
85704805	FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE IV, 8 Phases, in Type V Cabinet	1	EACH	0.0	0.0	0.0	\$16,800.00	\$0.00
87300815	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 3 C	20	FOOT	0.0	0.0	0.0	\$5.75	\$0.00
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	1020	FOOT	0.0	0.0	0.0	\$0.99	\$0.00
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	1020	FOOT	0.0	0.0	0.0	\$0.99	\$0.00
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	3610	FOOT	0.0	0.0	0.0	\$1.18	\$0.00
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	3535	FOOT	0.0	0.0	0.0	\$1.27	\$0.00
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	1	EACH	0.0	0.0	0.0	\$860.00	\$0.00
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	4	EACH	0.0	0.0	0.0	\$945.00	\$0.00
87700160	STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	1	EACH	0.0	0.0	0.0	\$3,850.00	\$0.00
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	2	EACH	0.0	0.0	0.0	\$3,000.00	\$0.00
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	1	EACH	0.0	0.0	0.0	\$7,250.00	\$0.00
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	1	EACH	0.0	0.0	0.0	\$9,900.00	\$0.00
87800100	Concrete Foundation, Type A	15.0	FOOT	0.0	0.0	0.0	\$185.00	\$0.00
87800400	Concrete Foundation, Type E 30-Inch Diameter	10.0	FOOT	0.0	0.0	0.0	\$185.00	\$0.00
87800415	Concrete Foundation, Type E 36-Inch Diameter	35.0	FOOT	0.0	0.0	0.0	\$200.00	\$0.00
87800420	Concrete Foundation, Type E 42-Inch Diameter	21.0	FOOT	0.0	0.0	0.0	\$420.00	\$0.00
88040070	Signal Head, Polycarbonate, LED, 1-Face, 3-Section, Bracket Mounted	4.0	EACH	0.0	0.0	0.0	\$640.00	\$0.00
88040090	Signal Head, Polycarbonate, LED, 1-Face, 3-Section, Mast Arm Mounted	6.0	EACH	0.0	0.0	0.0	\$740.00	\$0.00
88040150	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Bracket Mounted	5.0	EACH	0.0	0.0	0.0	\$945.00	\$0.00
88040160	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Mast Arm Mounted	5.0	EACH	0.0	0.0	0.0	\$1,100.00	\$0.00
88102825	Pedestrian Signal Head, Polycarbonate, LED, 1-Face Bracket Mounted W/ Count Down Timer	4.0	EACH	0.0	0.0	0.0	\$850.00	\$0.00
89000100	Temporary Traffic Signal Installation	1.0	EACH	0.0	1.0	1.0	\$12,500.00	\$12,500.00
89502300	Remove Electric Cable From Conduit	3380.0	FOOT	0.0	0.0	0.0	\$0.42	\$0.00
89502380	Remove Existing Handhole	4.0	EACH	0.0	3.0	3.0	\$170.00	\$510.00
89502385	Remove Existing Concrete Foundation	9.0	EACH	0.0	2.0	2.0	\$500.00	\$1,000.00
X0326451	Video System Detection Camera	4.0	EACH	0.0	0.0	0.0	\$3,000.00	\$0.00
X0326452	Video System Detection Processor	1.0	EACH	0.0	0.0	0.0	\$13,800.00	\$0.00
X4401198	Hot Mix Asphalt Removal, Variable Depth	157.5	SQ YD	0.0	27.3	27.3	\$39.25	\$1,071.53
X4402020	Concrete Median Surface Removal	960.0	SQ FT	0.0	399.6	399.6	\$2.15	\$859.14
X6020084	Manhole, Special	1.0	EACH	0.0	0.0	0.0	\$2,850.00	\$0.00
X6022402	Manholes, Type A, 4' Diameter, Type I Frame, Closed	3.0	EACH	0.0	1.0	1.0	\$2,575.00	\$2,575.00
X6024210	Double Inlets, Special	1.0	EACH	0.0	1.0	1.0	\$3,150.00	\$3,150.00
X6024240	Inlets, Special	6.0	EACH	0.0	0.0	0.0	\$1,900.00	\$0.00
X6065701	Concrete Median, Type SM-4.06	75.0	SQ FT	0.0	0.0	0.0	\$10.00	\$0.00
X8040510	Relocate Electric Service	1.0	EACH	0.0	0.0	0.0	\$1,500.00	\$0.00
X8440110	Relocate Existing Light Pole With Luminaire	3.0	EACH	0.0	0.0	0.0	\$375.00	\$0.00
X8730570	Electric Cable in Conduit, Coaxial Video, 8281	2425.0	FOOT	0.0	0.0	0.0	\$0.27	\$0.00
X8760200	Accessible Pedestrian Signals	4.0	EACH	0.0	0.0	0.0	\$965.00	\$0.00
X8820010	Traffic Signal Backplate, Special	20.0	EACH	0.0	0.0	0.0	\$126.00	\$0.00

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X8950077	Remove and Relocate Existing Lighting Controller	1.0	EACH	0.0	0.0	0.0	\$600.00	\$0.00
XXXX0001	Remove Existing Traffic Signal Equipment	1.0	L SUM	0.0	1.0	1.0	\$2,300.00	\$2,300.00
XXXX0002	Replace Wood Fence	35.0	FOOT	0.0	0.0	0.0	\$75.00	\$0.00
Z0064560	Segmental Block Retaining Wall	554.0	SQ FT	0.0	0.0	0.0	\$49.00	\$0.00
							Total	\$91,401.53

Total Amount of Pay Items =	\$91,401.53
Total Change Orders to Date	\$0.00
Total Amount Earned to Date =	\$91,401.53
Retained Percentage (10%) =	\$9,140.15
Total Amount Earned Less Retainage =	\$82,261.38
Total Previous Payments =	\$0.00
Total Amount Due This Estimate:	\$82,261.38

Recommended for Payment

Michael J. Kane 9/2/15

City Engineer: Michael J. Kane, P.E. Date

CRI Job	Account Number	Amount
2769	301-616311-53806-2769000	\$82,261.38