

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** 11<sup>th</sup> Street Improvements at 47<sup>th</sup> Avenue, Project 2769  
**Date:** February 23, 2016  
**Number:** 2016-030

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Valley Construction is due payment #5, for 11<sup>th</sup> Street Improvements at 47<sup>th</sup> Avenue, Project 2769 for services provided from November 30, 2015 through January 9, 2016. This payment covers the temporary traffic signals and work on the entrance into Blackhawk Commons.

**Recommendation**

The Public Works Department recommends that the City Council approve the payment to Valley Construction in the amount of \$141,619.78.

Vendor: Valley Construction  
Payment Amount: \$141,619.78

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

Purchase Order Number: P004921

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

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**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 # 5  
11/30/2015 to 1/09/2016

	Contract Amount	Completion Date
Original	\$879,443.97	17-Aug-15
Revised	\$908,357.56	

Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
20200100	EARTH EXCAVATION	2176	CU YD	1060.6	61.3	1121.9	\$12.00	\$13,462.80
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	4486.6	SQ YD	3582.0	175.6	3757.6	\$1.18	\$4,433.97
21101815	TOPSOIL FURNISH AND PLACE, 4"	1791.5	SQ YD	651.6	0.0	651.6	\$6.30	\$4,105.08
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	651.6	0.0	651.6	\$6.75	\$4,398.30
25200200	SUPPLEMENTAL WATERING	75.2	UNIT	0.0	0.0	0.0	\$95.00	\$0.00
28000400	PERIMETER EROSION BARRIER	736	FOOT	0.0	144.0	144.0	\$2.00	\$288.00
28000500	INLET AND PIPE PROTECTION	14	EACH	6.0	0.0	6.0	\$101.00	\$606.00
28001100	TEMPORARY EROSION CONTROL BLANKET	500	SQ YD	0.0	244.8	244.8	\$2.21	\$541.01
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	4486.6	SQ YD	2866.1	107.9	2974.0	\$8.00	\$23,792.00
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	364.7	SQ YD	408.0	7.8	415.8	\$54.00	\$22,453.20
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	251.8	0.0	251.8	\$22.00	\$5,539.60
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	131	TON	117.1	11.4	128.5	\$177.00	\$22,744.50
40800010	BITUMINOUS MATERIALS (PRIME COAT)	60	GAL	2.1	42.9	45.0	\$9.20	\$414.00
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	1823.7	SQ YD	1805.8	47.8	1853.6	\$49.50	\$91,753.20
42001300	PROTECTIVE COAT	3330	SQ YD	3387.9	530.4	3918.3	\$0.05	\$195.92
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	684	SQ YD	720.3	2.0	722.3	\$58.00	\$41,893.40
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	7483.1	SQ FT	7390.8	302.2	7693.0	\$6.50	\$50,004.50
42400800	DETECTABLE WARNINGS	208.7	SQ FT	154.4	0.0	154.4	\$27.75	\$4,284.60
44000100	PAVEMENT REMOVAL	1820	SQ YD	1802.6	0.0	1802.6	\$10.50	\$18,927.30
44000200	DRIVEWAY PAVEMENT REMOVAL	280.5	SQ YD	229.4	0.0	229.4	\$14.25	\$3,268.95
44000500	COMBINATION CURB AND GUTTER REMOVAL	1602.1	FOOT	1788.1	0.0	1788.1	\$3.20	\$5,721.92
44000600	SIDEWALK REMOVAL	7420.2	SQ FT	6369.8	0.0	6369.8	\$1.10	\$7,006.78
50300225	CONCRETE STRUCTURES	1.85	CU YD	3.14	0.0	3.14	\$1,225.00	\$3,846.50
50800105	REINFORCEMENT BARS	48	POUND	50.0	0.0	50.0	\$2.00	\$100.00
50901760	PIPE HANDRAIL	14	FOOT	14.0	0.0	14.0	\$110.00	\$1,540.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	1	EACH	1.0	0.0	1.0	\$950.00	\$950.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	142	FOOT	184.7	0.0	184.7	\$62.00	\$11,451.40
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	153	FOOT	138.3	0.0	138.3	\$62.00	\$8,574.60
55100500	STORM SEWER REMOVAL 12"	22	FOOT	50.6	0.0	50.6	\$26.00	\$1,315.60
56100600	WATER MAIN 6"	8	FOOT	0.0	0.0	0.0	\$110.00	\$0.00
56109210	WATER VALVES TO BE ADJUSTED	4	EACH	3.0	0.0	3.0	\$275.00	\$825.00
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	665.0	0.0	665.0	\$10.00	\$6,650.00
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	2	EACH	2.0	0.0	2.0	\$1,725.00	\$3,450.00
60255500	MANHOLES TO BE ADJUSTED	2	EACH	4.0	0.0	4.0	\$225.00	\$900.00
60500060	REMOVING INLETS	2	EACH	5.0	0.0	5.0	\$250.00	\$1,250.00
60600605	CONCRETE CURB, TYPE B	490	FOOT	474.1	0.0	474.1	\$38.00	\$18,015.80
60603800	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	61.1	FOOT	49.0	12.5	61.5	\$34.00	\$2,091.00
60604300	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (Variable Width Gutter Flag)	25.0	FOOT	25.0	0.0	25.0	\$28.00	\$700.00
6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	1566.7	FOOT	1583.2	60.2	1643.4	\$32.00	\$52,588.80
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	51.0	0.0	51.0	\$65.00	\$3,315.00
67100100	MOBILIZATION	1	L SUM	0.75	0.25	1.00	\$60,678.74	\$60,678.74
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	1	L SUM	0.9	0.1	1.0	\$21,000.00	\$21,000.00

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 11/30/2015 to 1/09/2016

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Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	1	L SUM	1.0	0.0	1.0	\$100.00	\$100.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	1	L SUM	1.0	0.0	1.0	\$200.00	\$200.00
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	4.25	4.25	\$61.00	\$259.25
72000200	SIGN PANEL - TYPE 2	48	SQ FT	48.0	0.0	48.0	\$39.50	\$1,896.00
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	354.0	354.0	\$4.25	\$1,504.50
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	3531.5	FOOT	0.0	3894.0	3894.0	\$1.70	\$6,619.80
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	1230.8	FOOT	0.0	654.0	654.0	\$2.05	\$1,340.70
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	1064.2	FOOT	0.0	1082.0	1082.0	\$2.55	\$2,759.10
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	664.6	FOOT	0.0	630.0	630.0	\$4.10	\$2,583.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	193	FOOT	0.0	210.0	210.0	\$6.00	\$1,260.00
78100100	RAISED REFLECTIVE PAVEMENT MARKER	106	EACH	0.0	97.0	97.0	\$59.00	\$5,723.00
78300100	PAVEMENT MARKING REMOVAL	10593.1	SQ FT	2127.0	0.0	2127.0	\$1.55	\$3,296.85
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	58	EACH	0.0	53.0	53.0	\$15.00	\$795.00
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	622	FOOT	0.0	680.0	680.0	\$6.22	\$4,229.60
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	149	FOOT	106.0	87.0	193.0	\$5.55	\$1,071.15
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	92	FOOT	103.0	20.0	123.0	\$27.50	\$3,382.50
81028395	UNDERGROUND CONDUIT, PVC, 4" DIA. (PUSHED)	197	FOOT	190.7	6.3	197.0	\$19.25	\$3,792.25
81400100	HANDHOLE	4	EACH	4.0	0.0	4.0	\$1,550.00	\$6,200.00
81400730	HANDHOLE, COMPOSITE CONCRETE	1	EACH	1.0	0.0	1.0	\$850.00	\$850.00
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	1700	FOOT	0.0	1560.0	1560.0	\$0.65	\$1,014.00
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	3590	FOOT	0.0	3554.0	3554.0	\$1.45	\$5,153.30
81702455	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3C NO. 16	2425	FOOT	0.0	2500.0	2500.0	\$1.60	\$4,000.00
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL Control 250 Watt	4	EACH	4.0	0.0	4.0	\$550.00	\$2,200.00
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	18	FOOT	18.0	0.0	18.0	\$115.00	\$2,070.00
85704805	FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE IV, 8 Phases, in Type V Cabinet	1	EACH	0.0	1.0	1.0	\$16,800.00	\$16,800.00
87300815	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 3 C	20	FOOT	0.0	20.0	20.0	\$5.75	\$115.00
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	1020	FOOT	0.0	1142.0	1142.0	\$0.99	\$1,130.58
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	1020	FOOT	0.0	1114.0	1114.0	\$0.99	\$1,102.86
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	3610	FOOT	0.0	3610.0	3610.0	\$1.18	\$4,259.80
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	3535	FOOT	0.0	3535.0	3535.0	\$1.27	\$4,489.45
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	1	EACH	1.0	0.0	1.0	\$860.00	\$860.00
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	4	EACH	4.0	0.0	4.0	\$945.00	\$3,780.00
87700160	STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	1	EACH	0.0	1.0	1.0	\$3,850.00	\$3,850.00
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	2	EACH	2.0	0.0	2.0	\$3,000.00	\$6,000.00
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	1	EACH	1.0	0.0	1.0	\$7,250.00	\$7,250.00
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	1	EACH	1.0	0.0	1.0	\$9,900.00	\$9,900.00
87800100	Concrete Foundation, Type A	15.0	FOOT	15.0	0.0	15.0	\$185.00	\$2,775.00
87800400	Concrete Foundation, Type E 30-Inch Diameter	10.0	FOOT	10.0	0.0	10.0	\$185.00	\$1,850.00
87800415	Concrete Foundation, Type E 36-Inch Diameter	35.0	FOOT	35.0	0.0	35.0	\$200.00	\$7,000.00
87800420	Concrete Foundation, Type E 42-Inch Diameter	21.0	FOOT	21.0	0.0	21.0	\$420.00	\$8,820.00
88040070	Signal Head, Polycarbonate, LED, 1-Face, 3-Section, Bracket Mounted	4.0	EACH	4.0	0.0	4.0	\$640.00	\$2,560.00
88040090	Signal Head, Polycarbonate, LED, 1-Face, 3-Section, Mast Arm Mounted	6.0	EACH	6.0	0.0	6.0	\$740.00	\$4,440.00
88040150	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Bracket Mounted	5.0	EACH	5.0	0.0	5.0	\$945.00	\$4,725.00
88040160	Signal Head, Polycarbonate, LED, 1-Face, 5-Section, Mast Arm Mounted	5.0	EACH	5.0	0.0	5.0	\$1,100.00	\$5,500.00

**CITY OF ROCK ISLAND  
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 Contract Date: May 5, 2015  
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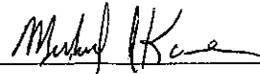
**Pay Estimate # 5**  
 11/30/2015 to 1/09/2016

	Contract Amount	Completion Date
Original	\$879,443.97	17-Aug-15
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Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
88102825	Pedestrian Signal Head, Polycarbonate, LED, 1-Face Bracket Mounted W/ Count Down Timer	4.0	EACH	4.0	0.0	4.0	\$850.00	\$3,400.00
89000100	Temporary Traffic Signal Installation	1.0	EACH	1.0	0.0	1.0	\$12,500.00	\$12,500.00
89502300	Remove Electric Cable From Conduit	3380.0	FOOT	0.0	3380.0	3380.0	\$0.42	\$1,419.60
89502380	Remove Existing Handhole	4.0	EACH	5.0	0.0	5.0	\$170.00	\$850.00
89502385	Remove Existing Concrete Foundation	9.0	EACH	9.0	0.0	9.0	\$500.00	\$4,500.00
X0326451	Video System Detection Camera	4.0	EACH	4.0	0.0	4.0	\$3,000.00	\$12,000.00
X0326452	Video System Detection Processor	1.0	EACH	0.0	1.0	1.0	\$13,800.00	\$13,800.00
X4401198	Hot Mix Asphalt Removal, Variable Depth	157.5	SQ YD	105.3	34.0	139.3	\$39.25	\$5,467.53
X4402020	Concrete Median Surface Removal	960.0	SQ FT	1227.9	0.0	1227.9	\$2.15	\$2,639.99
X6020084	Manhole, Special	1.0	EACH	0.0	0.0	0.0	\$2,850.00	\$0.00
X6022402	Manholes, Type A, 4' Diameter, Type 1 Frame, Closed	3.0	EACH	2.0	0.0	2.0	\$2,575.00	\$5,150.00
X6024210	Double Inlets, Special	1.0	EACH	1.0	0.0	1.0	\$3,150.00	\$3,150.00
X6024240	Inlets, Special	6.0	EACH	6.0	0.0	6.0	\$1,900.00	\$11,400.00
X6065701	Concrete Median, Type SM-4.06	75.0	SQ FT	72.8	0.0	72.8	\$10.00	\$728.00
X8040510	Relocate Electric Service	1.0	EACH	0.0	1.0	1.0	\$1,500.00	\$1,500.00
X8440110	Relocate Existing Light Pole With Luminaire	3.0	EACH	0.0	3.0	3.0	\$375.00	\$1,125.00
X8730570	Electric Cable in Conduit, Coaxial Video, 8281	2425.0	FOOT	0.0	2500.0	2500.0	\$0.27	\$675.00
X8760200	Accessible Pedestrian Signals	4.0	EACH	4.0	0.0	4.0	\$965.00	\$3,860.00
X8820010	Traffic Signal Backplate, Special	20.0	EACH	20.0	0.0	20.0	\$126.00	\$2,520.00
X8950077	Remove and Relocate Existing Lighting Controller	1.0	EACH	0.0	1.0	1.0	\$600.00	\$600.00
XXXX0001	Remove Existing Traffic Signal Equipment	1.0	L SUM	1.0	0.0	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	550.7	0.0	550.7	\$49.00	\$26,984.30
							<b>Total</b>	<b>\$801,154.58</b>

Total Amount of Pay Items =	\$801,154.58
Total Change Orders to Date	\$28,913.59
Total Amount Earned to Date =	\$830,068.17
Retained Percentage (5%) =	\$41,503.41
Total Amount Earned Less Retainage =	\$788,564.76
Total Previous Payments =	\$646,944.98
Total Amount Due This Estimate:	\$141,619.78

Recommended for Payment

 2/22/16  
 City Engineer: Michael J. Kane, P.E. Date

CRI Job	Account Number	Amount
2769	301-616311-53806-2769000	\$141,619.78