

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** 24<sup>th</sup> Street Resurfacing: 5<sup>th</sup> Avenue to 9<sup>th</sup> Avenue, Project 2670  
**Date:** November 14, 2012  
**Number:** 2012-256

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Valley Construction is due payment #5 and final for the 24<sup>th</sup> Street Resurfacing: 5<sup>th</sup> Avenue to 9<sup>th</sup> Avenue, Project 2670 for services provided from October 1, 2012 through November 2, 2012.

**Recommendation**

The Public Works Department recommends that the City Council approve the payment to Valley Construction, in the amount of \$254,663.97.

**Vendor:** Valley Construction  
**Payment Amount:** \$254,663.97

<b>Fund:</b>	301	Capital Improvements
<b>Department:</b>	616	Municipal Services
<b>Cost Center:</b>	311	Street Construction
<b>Object Code:</b>	53806	Infrastructure Maintenance
<b>Project:</b>	2670	24 <sup>th</sup> Street Resurfacing: 5 <sup>th</sup> Avenue to 9 <sup>th</sup> Avenue
<b>Grant:</b>	223	Gaming

**Requisition Number:** R003588  
**Purchase Order Number:**

**Submitted by:** Robert T. Hawes, P.E., Assistant City Manager/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: 24th Street Resurfacing, 5th Avenue to 9th Avenue  
 CRI Project No: 2670  
 Contract Date: 14-May-2012  
 Engineer: Bob Horton  
 Inspector: Cal McKenzie  
 Contractor: Valley Construction Co.

**Pay Estimate # 5 and Final  
 Oct. 1, 2012 - Nov. 2, 2012**

	Contract Amount	Completion Date
Original	\$748,878.20	28-Sep-12

Item No.	Description	Plan Quantity	Units	Previous Quantities	New Quantities	Quantity To Date	Unit Price	Earned To Date
1	Pavement Removal	2476.3	S.Y.	2400.0	-22.6	2377.4	\$8.00	\$19,019.20
2	Earth Excavation	67.5	C.Y.	75.0	0	75.0	\$8.00	\$600.00
3	Geotechnical Fabric For Ground Stabilization	403.9	S.Y.	40.0	20	60.0	\$1.20	\$72.00
4	Aggregate Base Course, Type A	912.5	Ton	629.0	220.23	849.2	\$21.50	\$18,258.45
5	Portland Cement Concrete Pavement (Jointed), 7" (With Integral Curb)	511.7	S.Y.	1168.8	0	1168.8	\$40.50	\$47,336.40
6	Portland Cement Concrete Base Course (Jointed), 6" (With Integral Curb)	1975.7	S.Y.	1208.6	0	1208.6	\$33.70	\$40,729.82
7	Combination Curb And Gutter Removal	139.0	Ft	533.0	0	533.0	\$3.00	\$1,599.00
8	Combination Concrete Curb And Gutter	139.0	Ft	533.0	0	533.0	\$29.00	\$15,457.00
9	PCC And HMA Surface Grinding	2635.2	S.Y.	1746.7	100	1846.7	\$6.40	\$11,818.88
10	Mixture For Cracks, Joints, And Flangeways	5.0	Ton	0.0	5.1	5.1	\$320.00	\$1,632.00
11	Area Reflective Crack Control Treatment	6463.0	S.Y.	0.0	6440.2	6440.2	\$2.20	\$14,168.44
12	Bituminous Materials (Prime Coat)	647.0	Gal	0.0	0	0.0	\$1.30	\$0.00
13	Hot-Mix Asphalt Binder Course, IL-9.5, N50, 1-1/4"	452.7	Ton	0.0	438.9	438.9	\$87.00	\$38,184.30
14	Hot-Mix Asphalt Surface Course, IL-9.5, N50, 1-1/4"	452.7	Ton	17.9	451.8	469.7	\$87.00	\$40,863.90
15	Sidewalk Removal	13287.4	S.F.	12060.0	1335.3	13395.3	\$1.00	\$13,395.30
16	Portland Cement Concrete Sidewalk, 4"	12303.8	S.F.	12037.5	2700.8	14738.3	\$5.00	\$73,691.50
17	Portland Cement Concrete, Pedestrian Curb Ramp, 6"	1264.6	S.F.	932.6	309.3	1241.9	\$8.00	\$9,935.20
18	Removing Manholes To Maintain Flow	3	Each	3.0	0	3.0	\$240.00	\$720.00
19	Cleanouts To Be Removed	2	Each	2.0	0	2.0	\$160.00	\$320.00
20	Manholes To Be Removed	6	Each	5.0	0	5.0	\$240.00	\$1,200.00
21	Manholes To Be Reconstructed With New Frame and Lid (Type 1, 4' Diameter)	6	Each	6.0	0	6.0	\$3,500.00	\$21,000.00
22	Manholes To Be Adjusted With New Frame and Lid	8	Each	0.0	8	8.0	\$830.00	\$6,640.00
23	Removing Catch Basins To Maintain Flow	4	Each	3.0	0	3.0	\$160.00	\$480.00
24	Catch Basins, Single, To Be Reconstructed With New Frame And Type C Grate	4	Each	3.0	0	3.0	\$2,020.00	\$6,060.00
25	Catch Basins To Be Adjusted With New Frame And Type C Grate	5	Each	5.0	0	5.0	\$1,020.00	\$5,100.00
26	Sodding	1061.0	S.Y.	0.0	1702.6	1702.6	\$6.00	\$10,215.60
27	Inlet And Pipe Protection	20	Each	6.0	3	9.0	\$100.00	\$900.00
28	Project Signs	2	Each	2.0	0	2.0	\$350.00	\$700.00
29	Traffic Control And Protection	1	L.S.	0.5	0.5	1.0	\$16,000.00	\$16,000.00
30	Water Main, PVC, DR-14, 8"	2096.2	Ft	2098.5	0	2098.5	\$54.50	\$114,368.25
31	Water Main, PVC, DR-14, 6"	68.0	Ft	48.0	26.5	74.5	\$40.00	\$2,980.00
32	Gate Valve And Box To Be Removed	9	Each	8.0	0	8.0	\$450.00	\$3,600.00
33	Gate Valve And Box, 8"	9	Each	9.0	0	9.0	\$1,070.00	\$9,630.00
34	Gate Valve And Box, 6"	6	Each	6.0	0	6.0	\$750.00	\$4,500.00
35	Fire Hydrant To Be Removed	5	Each	5.0	0	5.0	\$440.00	\$2,200.00
36	Fire Hydrant	6	Each	6.0	0	6.0	\$3,100.00	\$18,600.00
37	Bend, Class 350, DIP, MJ, 8" 90°	2	Each	2.0	4	6.0	\$250.00	\$1,500.00
38	Bend, Class 350, DIP, MJ, 8" 45°	12	Each	4.0	4	8.0	\$250.00	\$2,000.00
39	Bend, Class 350, DIP, MJ, 8" 22-1/2°	4	Each	10.0	0	10.0	\$250.00	\$2,500.00
40	Bend, Class 350, DIP, MJ, 8" 11-1/4°	1	Each	1.0	0	1.0	\$250.00	\$250.00
41	Hot Tap Water Main, With Tapping Sleeve and Valve, 12" X 12" X 8"	2	Each	2.0	0	2.0	\$4,800.00	\$9,600.00
42	Tee, Class 350, DIP, MJ, 8" X 8" X 8"	2	Each	5.0	0	5.0	\$400.00	\$2,000.00
43	Hot Tap Water Main, With Tapping Sleeve and Valve, 8" X 8" X 8"	1	Each	0.0	0	0.0	\$4,750.00	\$0.00
44	Tee, Class 350, DIP, MJ, 8" X 8" X 6"	7	Each	6.0	0	6.0	\$330.00	\$1,980.00
45	Reducer, Class 350, DIP, MJ, 8" X 6"	2	Each	2.0	0	2.0	\$170.00	\$340.00
46	Reducer, Class 350, DIP, MJ, 8" X 4"	1	Each	2.0	0	2.0	\$160.00	\$320.00
47	Water Service Connection, With Saddle, 3/4" or 1"	46	Each	46.0	0	46.0	\$500.00	\$23,000.00
48	Water Service Disconnection	1	Each	0.0	0	0.0	\$400.00	\$0.00

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**Pay Estimate # 5 and Final  
 Oct. 1, 2012 - Nov. 2, 2012**

	Contract Amount	Completion Date
Original	\$748,878.20	28-Sep-12

49	Water Service Line, 3/4" or 1"	763.0	Ft	655.5	0	655.5	\$28.90	\$18,943.95
50		10	Each	6.0	1	7.0	\$420.00	\$2,940.00
51	Casing Pipe, PVC, DR-25, 12"	25.0	Ft	25.0	0	25.0	\$88.00	\$2,200.00
52	Casing Pipe, PVC, DR-25, 4"	148.0	Ft	0.0	0	0.0	\$62.00	\$0.00
53	Trench Backfill	1766.3	C.Y.	1780.0	0	1780.0	\$19.00	\$33,820.00
54	Thermoplastic Pavement Marking - Letters And Symbols	93.6	S.F.	0.0	93.6	93.6	\$5.00	\$468.00
55	Thermoplastic Pavement Marking - Line, 4", Yellow	3459.0	Ft	0.0	3528	3528.0	\$1.55	\$5,468.40
56	Thermoplastic Pavement Marking - Line, 4", White	280.0	Ft	0.0	261	261.0	\$1.55	\$404.55
57	Thermoplastic Pavement Marking - Line, 24", White	50.0	Ft	0.0	0	0.0	\$9.30	\$0.00
58	Paint Pavement Marking - Line, 6" White	595.0	Ft	0.0	383	383.0	\$3.40	\$1,302.20
59	Paint Pavement Marking - Line, 24" White	16.0	Ft	0.0	62	62.0	\$13.60	\$843.20
60	Sanitary Service Connection	1	Each	2.0	0	2.0	\$3,330.00	\$6,660.00
61	Driveway Pavement Removal	474.9	S.Y.	117.8	403.8	521.6	\$8.00	\$4,172.80
62	Portland Cement Concrete Driveway Pavement, 7"	374.1	S.Y.	117.8	343.2	461.0	\$50.00	\$23,050.00
63	New Catch Basin Grate, Type C	3	Each	3.0	0	3.0	\$1,000.00	\$3,000.00
64	Sleeve, Class 350, DIP, MJ, 6"	1	Each	2.0	0	2.0	\$180.00	\$360.00
65	Sewer Removal	305.6	Ft	288.5	0	288.5	\$4.00	\$1,154.00
66	Sanitary Sewer, PVC, 8"	4.0	Ft	22.0	0	22.0	\$610.00	\$13,420.00
67	Compression Pipe Coupling, 8"	2	Each	2.0	0	2.0	\$40.00	\$80.00
68	Pressure Class Storm Sewer, 12"	256.6	Ft	245.0	0	245.0	\$80.00	\$19,600.00
69	Pressure Class Storm Sewer, 15"	32.0	Ft	30.0	0	30.0	\$90.00	\$2,700.00
70	Pressure Class Storm Sewer, 18"	13.0	Ft	13.5	0	13.5	\$150.00	\$2,025.00
71	Handhole Adjustment	1	Each	5.0	1	6.0	\$850.00	\$5,100.00
72	Detector Loop	687.0	Ft	0.0	262	262.0	\$13.50	\$3,537.00
							<b>Total</b>	<b>\$766,714.34</b>

Change Orders		
No.	Description	Amount
1	Change Order 1 Additional Items to Final Quantities	\$47,652.01
<b>Total</b>		<b>\$47,652.01</b>

Previous Payments		
No.	Description	Amount
1	Pay Estimate #1	\$178,628.72
2	Pay Estimate #2	\$159,532.56
3	Pay Estimate #3	\$147,342.35
4	Pay Estimate #4	\$74,198.75
<b>Total</b>		<b>\$559,702.38</b>

Payment Summary	
Total Amount of Pay Items =	\$766,714.34
Total Change Orders to Date	\$47,652.01
Total Amount Earned to Date =	\$814,366.35
Retained Percentage (0%) =	\$0.00
Total Amount Earned Less Retainage =	\$814,366.35
Total Previous Payments =	\$559,702.38
<b>Total Amount Due This Estimate:</b>	<b>\$254,663.97</b>

Recommended for Payment


11/9/2012  
 City Engineer: Michael J. Kane, P.E.      Date

CRI Job	Account Number	Amount
2670	301-616311-53806-2670223	\$254,663.97