

**Memorandum
Public Works Department**



To: City Manager
Subject: Turkey Hollow Road Bridge Replacement, Project 2677
Date: December 13, 2011
Number: 2011-349

General Constructors Inc. is due payment #3 for the Turkey Hollow Road Bridge Replacement, Project 2677 for services provided October 30 through December 3, 2011.

Recommendation

The Public Works Department recommends that the City Council approve the payment to General Constructors Inc. in the amount of \$220,046.27

Vendor: General Constructors Inc.
Payment Amount: \$220,046.27

Fund:	301	Capital Improvements
Department:	616	Municipal Services
Cost Center:	311	Special Street Projects
Object Code:	53804	Infrastructure Maintenance
Project:	2677	Turkey Hollow Road Bridge Replacement
Grant:	189	

Requisition Number: R002903
Purchase Order Number:

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/ Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

City of Rock Island Engineering Division Pay Estimate

Project: Turkey Hollow Bridge Replacement
 Job No. 2677
 Contractor: General Constructors, Inc.
 Engineer: Michael J. Kane, PE
 Inspector: Missman, Inc.
 Acct: 301-616311-56304-2677189

Pay Estimate # 3 <i>October</i> September 30 to December 3, 2011		
	Contract Amount	Working Days
Original	\$ 617,553.74	60 days
Adjusted	\$ -	

Item	Description	Plan Quantity	Units	Quantities to Date	Unit Prices	Earned to Date
1	Earth Excavation	59.0	Cu. Yd	59.0	\$ 28.00	\$ 1,652.00
2	Channel Excavation	76.0	Cu. Yd	76.0	\$ 22.00	\$ 1,672.00
3	Furnished Excavation	123.0	Cu. Yd	150.0	\$ 41.00	\$ 6,150.00
4	Trench Backfill	55.0	Cu. Yd	18.0	\$ 18.00	\$ 324.00
5	Geotechnical Fabric For Ground Stabilization	154.0	Sq. Yd	168.0	\$ 4.00	\$ 672.00
6	Seeding, Class 3	0.5	Acre	-	\$ 3,000.00	\$ -
7	Nitrogen Fertilizer Nutrient	45.0	Pound	-	\$ 3.00	\$ -
8	Phosphorus Fertilizer Nutrient	45.0	Pound	-	\$ 3.00	\$ -
9	Potassium Fertilizer Nutrient	45.0	Pound	-	\$ 3.00	\$ -
10	Mulch Method 2	0.5	Acre	-	\$ 3,000.00	\$ -
11	Erosion Control Blanket	2,148.0	Sq. Yd	-	\$ 1.50	\$ -
12	Temporary Erosion Control Seeding	50.0	Pound	-	\$ 5.00	\$ -
13	Temporary Ditch Checks	60.0	Foot	-	\$ 5.00	\$ -
14	Perimeter Erosion Barrier	791.0	Foot	459.0	\$ 2.00	\$ 918.00
15	Inlet and Pipe Protection	1.0	Each	1.0	\$ 100.00	\$ 100.00
16	Stone Riprap, Class A5	551.0	Sq. Yd	567.0	\$ 53.00	\$ 30,051.00
17	Filter Fabric	551.0	Sq. Yd	567.0	\$ 2.00	\$ 1,134.00
18	Sub-base Granular Material Type A	85.0	Cu. Yd	68.0	\$ 66.00	\$ 4,488.00
19	Bituminous Materials (Prime Coat)	319.0	Gallon	208.7	\$ 7.85	\$ 1,638.30
20	Aggregate (Prime Coat)	0.1	Ton	-	\$ 10.30	\$ -
21	Hot-Mix Asphalt Surface Removal-Butt Joint	341.0	Sq. Yd	314.0	\$ 13.52	\$ 4,245.28
22	Hot-Mix Asphalt binder Course, IL-12.5, N50	300.0	Ton	300.6	\$ 82.71	\$ 24,865.93
23	Hot-Mix Asphalt Surface Course, Mix "C", N50	128.0	Ton	137.0	\$ 94.98	\$ 13,012.26
25	Bridge Approach Pavement Connector (Flexible)	60.0	Sq. Yd	60.0	\$ 138.21	\$ 8,292.60
26	Pavement Removal	208.0	Sq. Yd	203.0	\$ 13.75	\$ 2,791.25
27	Hot-Mix Asphalt Surface Removal - 3"	454.0	Sq. Yd	454.0	\$ 12.30	\$ 5,584.20
28	Driveway Pavement Removal	78.0	Sq. Yd	105.0	\$ 7.50	\$ 787.50
29	Paved Shoulder Removal	100.0	Sq. Yd	90.5	\$ 11.30	\$ 1,022.65
30	Removal of Existing Structure	1.0	Each	1.0	\$ 20,000.00	\$ 20,000.00
31	Pipe Culvert Removal	32.0	Foot	32.0	\$ 7.00	\$ 224.00
32	Structure Excavation	108.0	Cu. Yd	108.0	\$ 15.00	\$ 1,620.00
33	Floor Drains	6.0	Each	6.0	\$ 700.00	\$ 4,200.00
34	Concrete Structures	70.0	Cu. Yd	70.8	\$ 400.00	\$ 28,320.00
35	Concrete Superstructure	276.7	Cu. Yd	249.2	\$ 500.00	\$ 124,600.00
36	Bridge Deck Grooving	580.0	Sq. Yd	580.0	\$ 10.50	\$ 6,090.00
37	Concrete Encasement	4.9	Cu. Yd	4.9	\$ 500.00	\$ 2,450.00
38	Protective Coat	697.0	Sq. Yd	-	\$ 3.00	\$ -
39	Furnishing and Erecting Structural Steel	1.0	Lsum	1.0	\$ 94,800.00	\$ 94,800.00
40	Stud Shear Connector	1,170.0	Each	1,170.0	\$ 3.50	\$ 4,095.00
41	Reinforcement Bars, Epoxy Coated	69,720.0	Pound	68,895.0	\$ 1.00	\$ 68,895.00
42	Bar Splicers	80.0	Each	80.0	\$ 27.00	\$ 2,160.00
43	Furnishing Steel Piles HP10X42	630.0	Foot	660.0	\$ 35.00	\$ 23,100.00
44	Driving Piles	630.0	Foot	628.0	\$ 0.10	\$ 62.80
45	Test Pile Steel HP10X42	2.0	Each	2.0	\$ 4,000.00	\$ 8,000.00
46	Name Plate	1.0	Each	1.0	\$ 500.00	\$ 500.00
47	Anchor Bolts, 1"	24.0	Each	24.0	\$ 25.00	\$ 600.00
48	Metal End Section, 24"	1.0	Each	-	\$ 69.00	\$ -
49	Pipe Culverts, Class A, Type 1, 24"	32.0	Foot	32.0	\$ 77.00	\$ 2,464.00
50	Geocomposite Wall Drain	88.0	Sq. Yd	88.0	\$ 15.00	\$ 1,320.00

Volume RMA003

City of Rock Island Engineering Division Pay Estimate

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 Job No. 2677
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Pay Estimate # 3		
September 30 to December 3, 2011		
	Contract Amount	Working Days
Original	\$ 617,553.74	60 days
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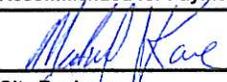
Item	Description	Plan Quantity	Units	Quantities to Date	Unit Prices	Earned to Date
51	Concrete Headwalls for Pipe Drains	2.0	Each	-	\$ 75.00	\$ -
52	Traffic Barrier Terminal, Type 6	4.0	Each	-	\$ 2,500.00	\$ -
53	Traffic Barrier Terminal, Type 1 (Special) Tangent	4.0	Each	-	\$ 2,150.00	\$ -
54	Guardrail Removal	337.0	Foot	337.0	\$ 6.00	\$ 2,022.00
55	Woven Wire Fence, 4'	236.0	Foot	-	\$ 25.00	\$ -
56	Mobilization	1.0	Lsum	0.9	\$ 40,000.00	\$ 36,000.00
57	Traffic control and Protection	1.0	Lsum	0.9	\$ 7,480.00	\$ 6,732.00
58	Epoxy Pavement Marking-Line 4"	1,403.0	Foot	-	\$ 4.00	\$ -
59	Guardrail Markers, Type A	16.0	Each	-	\$ 8.00	\$ -
60	Terminal Marker-Direct Applied	4.0	Each	-	\$ 35.00	\$ -
61	Porous Granular Embankment, Special	233.0	Ton	230.0	\$ 35.00	\$ 8,050.00
62	Asbestos Bearing Pad Removal	24.0	Each	24.0	\$ 10.00	\$ 240.00
63	Fence Removal	216.0	Foot	301.0	\$ 6.00	\$ 1,806.00
64	Pipe Underdrains for Structures 4"	140.0	Foot	140.0	\$ 12.00	\$ 1,680.00
Total Earned =						\$ 559,431.77

Change Orders	Plan Quantity	Units	Quantities to Date	Unit Prices	Earned to Date
1					\$ -
2					\$ -
Total Earned =					\$ -

Previous Payments		
	\$ 58,716.59	
	\$ 252,697.32	
	\$ -	
	\$ -	
Total Earned =		\$ 311,413.91

Payment Summary		
Total Cost of Work Performed to Date	\$ 559,431.77	
Total Change Orders to Date	+ \$ -	
Total Amount Earned to Date	\$ 559,431.77	
Retained Percentage (5%)	- \$ 27,971.59	
Total Amount Earned Less Retainage	\$ 531,460.18	
Total Previous Payments	- \$ 311,413.91	
Total Amount Due This Estimate =		\$ 220,046.27

Recommended for Payment


 City Engineer

Date 12/7/2011