

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** Turkey Hollow Road Bridge Replacement, Project 2677  
**Date:** November 28, 2011  
**Number:** 2011-326

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General Constructors Inc. is due payment #2 for the Turkey Hollow Road Bridge Replacement, Project 2677 for services provided September 24 through October 29, 2011.

**Recommendation**

The Public Works Department recommends that the City Council approve the payment to General Constructors Inc. in the amount of \$252,697.32

Vendor: General Constructors Inc.  
Payment Amount: \$252,697.32

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: R002857  
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 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

	Contract Amount	Working Days
Original	\$ 617,553.74	60 days
Adjusted	\$ -	

Pay Estimate # 2 September 24 to October 29, 2011
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Item	Description	Plan Quantity	Units	New Quantities	Previous Quantities	Quantities to Date	Unit Prices	Earned to Date
1	Earth Excavation	59.0	Cu. Yd	-	-	-	\$ 28.00	\$ -
2	Channel Excavation	76.0	Cu. Yd	76.0	-	76.0	\$ 22.00	\$ 1,672.00
3	Furnished Excavation	123.0	Cu. Yd	-	-	-	\$ 41.00	\$ -
4	Trench Backfill	55.0	Cu. Yd	-	-	-	\$ 18.00	\$ -
5	Geotechnical Fabric For Ground Stabilization	154.0	Sq. Yd	-	-	-	\$ 4.00	\$ -
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	-	459.0	\$ 2.00	\$ 918.00
15	Inlet and Pipe Protection	1.0	Each	-	-	-	\$ 100.00	\$ -
16	Stone Riprap, Class A5	551.0	Sq. Yd	567.0	-	567.0	\$ 53.00	\$ 30,051.00
17	Filter Fabric	551.0	Sq. Yd	567.0	-	567.0	\$ 2.00	\$ 1,134.00
18	Sub-base Granular Material Type A	85.0	Cu. Yd	-	-	-	\$ 66.00	\$ -
19	Bituminous Materials (Prime Coat)	319.0	Gallon	-	-	-	\$ 7.85	\$ -
20	Aggregate (Prime Coat)	0.1	Ton	-	-	-	\$ 10.30	\$ -
21	Hot-Mix Asphalt Surface Removal-Butt Joint	341.0	Sq. Yd	-	-	-	\$ 13.52	\$ -
22	Hot-Mix Asphalt binder Course, IL-12.5, N50	300.0	Ton	-	-	-	\$ 82.71	\$ -
23	Hot-Mix Asphalt Surface Course, Mix "C", N50	128.0	Ton	-	-	-	\$ 94.98	\$ -
25	Bridge Approach Pavement Connector (Flexible)	60.0	Sq. Yd	-	-	-	\$ 138.21	\$ -
26	Pavement Removal	208.0	Sq. Yd	-	63.0	63.0	\$ 13.75	\$ 866.25
27	Hot-Mix Asphalt Surface Removal - 3"	454.0	Sq. Yd	-	-	-	\$ 12.30	\$ -
28	Driveway Pavement Removal	78.0	Sq. Yd	-	-	-	\$ 7.50	\$ -
29	Paved Shoulder Removal	100.0	Sq. Yd	-	28.0	28.0	\$ 11.30	\$ 316.40
30	Removal of Existing Structure	1.0	Each	-	1.0	1.0	\$ 20,000.00	\$ 20,000.00
31	Pipe Culvert Removal	32.0	Foot	-	-	-	\$ 7.00	\$ -
32	Structure Excavation	108.0	Cu. Yd	-	108.0	108.0	\$ 15.00	\$ 1,620.00
33	Floor Drains	6.0	Each	6.0	-	6.0	\$ 700.00	\$ 4,200.00
34	Concrete Structures	70.0	Cu. Yd	39.4	-	39.4	\$ 400.00	\$ 15,760.00
35	Concrete Superstructure	276.7	Cu. Yd	117.0	-	117.0	\$ 500.00	\$ 58,500.00
36	Bridge Deck Grooving	580.0	Sq. Yd	-	-	-	\$ 10.50	\$ -
37	Concrete Encasement	4.9	Cu. Yd	4.9	-	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	-	1.0	\$ 94,800.00	\$ 94,800.00
40	Stud Shear Connector	1,170.0	Each	1,170.0	-	1,170.0	\$ 3.50	\$ 4,095.00
41	Reinforcement Bars, Epoxy Coated	69,720.0	Pound	31,860.0	-	31,860.0	\$ 1.00	\$ 31,860.00
42	Bar Splicers	80.0	Each	40.0	-	40.0	\$ 27.00	\$ 1,080.00
43	Furnishing Steel Piles HP10X42	630.0	Foot	660.0	-	660.0	\$ 35.00	\$ 23,100.00
44	Driving Piles	630.0	Foot	628.0	-	628.0	\$ 0.10	\$ 62.80
45	Test Pile Steel HP10X42	2.0	Each	-	2.0	2.0	\$ 4,000.00	\$ 8,000.00
46	Name Plate	1.0	Each	-	-	-	\$ 500.00	\$ -
47	Anchor Bolts, 1"	24.0	Each	24.0	-	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	-	-	-	\$ 77.00	\$ -
50	Geocomposite Wall Drain	88.0	Sq. Yd	-	-	-	\$ 15.00	\$ -
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	337.0	\$ 6.00	\$ 2,022.00
55	Woven Wire Fence, 4'	236.0	Foot	-	-	-	\$ 25.00	\$ -
56	Mobilization	1.0	Lsum	0.1	0.8	0.9	\$ 40,000.00	\$ 36,000.00
57	Traffic control and Protection	1.0	Lsum	0.4	0.3	0.7	\$ 7,480.00	\$ 4,862.00
58	Epoxy Pavement Marking-Line 4"	1,403.0	Foot	-	-	-	\$ 4.00	\$ -

# City of Rock Island

## Engineering Division

### Pay Estimate

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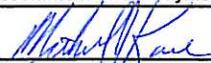
Item	Description	Plan Quantity	Units	New Quantities	Previous Quantities	Quantities to Date	Unit Prices	Earned to Date
59	Guardrail Markers, Type A	16.0	Each	-	-	-	\$ 8.00	\$ -
60	Terminal Marker-Direct Applied	4.0	Each	-	-	-	\$ 35.00	\$ -
61	Porous Granular Embankment, Special	233.0	Ton	-	-	-	\$ 35.00	\$ -
62	Asbestos Bearing Pad Removal	24.0	Each	-	24.0	24.0	\$ 10.00	\$ 240.00
63	Fence Removal	216.0	Foot	250.0	51.0	301.0	\$ 6.00	\$ 1,806.00
64	Pipe Underdrains for Structures 4"	140.0	Foot	-	-	-	\$ 12.00	\$ -
<b>Total Earned =</b>								<b>\$ 346,015.45</b>

Change Orders	Plan Quantity	Units	New Quantities	Previous Quantities	Quantities to Date	Unit Prices	Earned to Date
1							\$ -
2							\$ -
<b>Total Earned =</b>							<b>\$ -</b>

Previous Payments	
1	\$ 58,716.59
2	\$ -
3	\$ -
4	\$ -
<b>Total Earned =</b>	
<b>\$ 58,716.59</b>	

Payment Summary	
Total Cost of Work Performed to Date	\$ 346,015.45
Total Change Orders to Date	+ \$ -
Total Amount Earned to Date	\$ 346,015.45
Retained Percentage (10%)	- \$ 34,601.55
Total Amount Earned Less Retainage	\$ 311,413.91
Total Previous Payments	- \$ 58,716.59
<b>Total Amount Due This Estimate :</b>	
<b>\$ 252,697.32</b>	

Recommended for Payment

  
 City Engineer

11/28/11  
 Date