

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** 2011 Catch Basin and Manhole Program, Projects 2412 and 1866  
**Date:** December 13, 2011  
**Number:** 2011-348

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Langman Construction Inc. is due payment #1 for the 2011 Catch Basin and Manhole Program, Projects 2412 and 1866 for services provided from August 11, 2011 through November 22, 2011.

**Recommendation**

The Public Works Department recommends that the City Council approve the payment to Langman Construction Inc. in the amount of \$131,655.00

**Vendor:** Langman Construction Inc.  
**Payment Amount:** \$131,655.00

<b>Fund:</b>	506	Wastewater Operation and Maintenance (\$62,983.00)
<b>Department:</b>	619	Utilities Maintenance
<b>Cost Center:</b>	346	Wastewater Collection Maintenance
<b>Object Code:</b>	53806	Infrastructure Maintenance
<b>Project:</b>	1866	Manhole Program
<b>Fund:</b>	507	Stormwater Utility (\$68,672.00)
<b>Department:</b>	619	Utilities Maintenance
<b>Cost Center:</b>	348	Stormwater Collection Maintenance
<b>Object Code:</b>	53806	Infrastructure Maintenance
<b>Project:</b>	2412	Catch Basin Program

**Requisition Number:** R002902  
**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

PERIODIC PAY ESTIMATE #1  
FOR THE PERIOD FROM August 11, to November 22, 2011

Contractor: Langman Construction, Inc.  
220-34th Avenue  
Rock Island, IL 61201  
309-786-8944

Date: 08-Dec-11

2011 Catch Basin and Manhole Program

	CONTRACT DATE	CONTRACT AMOUNT	COMPLETION DATE
ORIGINAL	21-Apr-11	\$91,900.00	02-Mar-12
REVISED		\$131,655.00	

Project # 2412 and 1866  
Engineer: Robert A. Horton, P.E.  
Inspector: John Pearson

Item No.	Description	Plan Quantity	Units	Unit Price	Scheduled Total	Completed To Date	Percent Complete	Total
1	Removing Catch Basins To Maintain Flow	7	Each	\$1,000.00	\$7,000.00	6	85.71%	\$6,000.00
2	Catch Basin, Special, with New Frame and Type C Grate, 0.01' to 5.00' Deep	2	Each	\$5,000.00	\$10,000.00	4	200.00%	\$20,000.00
3	Catch Basin, Single, with New Frame and Type C Grate, 0.01' to 5.00' Deep	1	Each	\$2,000.00	\$2,000.00	0	0.00%	\$0.00
4	Catch Basin, Double, with New Frame and Type C Grate, 0.01' to 5.00' Deep	5	Each	\$4,000.00	\$20,000.00	2	40.00%	\$8,000.00
5	Catch Basins to be Adjusted, Special, with New Frames and Type C Grates	1	Each	\$500.00	\$500.00	0	0.00%	\$0.00
6	Catch Basins to be Adjusted, Single, with New Frames and Type C Grates	1	Each	\$500.00	\$500.00	0	0.00%	\$0.00
7	Catch Basins to be Adjusted, Double, with New Frames and Type C Grates	1	Each	\$1,000.00	\$1,000.00	0	0.00%	\$0.00
8	Trap, Neenah R3703-12	1	Each	\$500.00	\$500.00	0	0.00%	\$0.00
9	Removing Manholes To Maintain Flow	1	Each	\$1,000.00	\$1,000.00	1	100.00%	\$1,000.00
10	Manhole, Type A, 4' Diameter, with Frame and Lid, 0.01' to 11.00' Deep	2	Each	\$8,000.00	\$16,000.00	4	200.00%	\$32,000.00
11	Manhole, Type A, 5' Diameter, with Frame and Lid, 0.01' to 11.00' Deep	1	Each	\$4,000.00	\$4,000.00	0	0.00%	\$0.00
12	Sodding	50	yd <sup>2</sup>	\$10.00	\$500.00	83.3	166.60%	\$833.00
13	Pavement, Sidewalk, and Curb & Gutter Removal	90	yd <sup>2</sup>	\$20.00	\$1,800.00	431	478.89%	\$8,620.00
14	PCC Pavement	70	yd <sup>2</sup>	\$100.00	\$7,000.00	301.8	431.14%	\$30,180.00
15	Hot-Mix Asphalt Surface Pavement/ PCC Base Course	50	yd <sup>2</sup>	\$140.00	\$7,000.00	90.5	181.00%	\$12,670.00
16	Hot-Mix Asphalt Surface Pavement/ Aggregate Base Course	11	yd <sup>2</sup>	\$40.00	\$440.00	8	72.73%	\$320.00
17	PCC Curb & Gutter	15	ft	\$50.00	\$750.00	0	0.00%	\$0.00
18	PCC Sidewalk	16	ft <sup>2</sup>	\$12.00	\$192.00	276	1725.00%	\$3,312.00
19	PCC Pedestrian Curb Ramp	108	ft <sup>2</sup>	\$10.00	\$1,080.00	0	0.00%	\$0.00
20	Concrete Boxout in Brick Streets	5	yd <sup>2</sup>	\$50.00	\$250.00	0	0.00%	\$0.00
21	Raceway	5	ft	\$5.00	\$25.00	0	0.00%	\$0.00
22	Aggregate Base Course, Type A, CA-6	27	Ton	\$20.00	\$540.00	120	444.44%	\$2,400.00
23	Aggregate Base Course, Type B, CA-7	1	Ton	\$45.00	\$45.00	0	0.00%	\$0.00
24	Watermain, Class 350, DIP, 4"	15	ft	\$30.00	\$450.00	0	0.00%	\$0.00
25	Watermain, Class 350, DIP, 6"	15	ft	\$50.00	\$750.00	40	266.67%	\$2,000.00
26	Watermain, Class 350, DIP, 8"	15	ft	\$50.00	\$750.00	0	0.00%	\$0.00
27	Watermain, Class 350, DIP, 10"	15	ft	\$50.00	\$750.00	0	0.00%	\$0.00
28	Reducer, 6" X 4", DIP, MJ	1	Each	\$50.00	\$50.00	0	0.00%	\$0.00
29	Reducer, 8" X 6", DIP, MJ	1	Each	\$50.00	\$50.00	0	0.00%	\$0.00
30	Tee, 6" X 6" X 6", DIP, MJ	1	Each	\$200.00	\$200.00	1	100.00%	\$200.00
31	Tee, 8" X 8" X 8", DIP, MJ	1	Each	\$300.00	\$300.00	0	0.00%	\$0.00
32	Solid Sleeve, DIP, MJ, 4"	1	Each	\$100.00	\$100.00	0	0.00%	\$0.00
33	Solid Sleeve, DIP, MJ, 6"	1	Each	\$150.00	\$150.00	5	500.00%	\$750.00
34	Solid Sleeve, DIP, MJ, 8"	1	Each	\$200.00	\$200.00	0	0.00%	\$0.00
35	Solid Sleeve, DIP, MJ, 10"	1	Each	\$300.00	\$300.00	0	0.00%	\$0.00
36	Bend, 45°, DIP, 4"	4	Each	\$50.00	\$200.00	0	0.00%	\$0.00
37	Bend, 45°, DIP, 6"	4	Each	\$100.00	\$400.00	8	200.00%	\$800.00
38	Bend, 45°, DIP, 8"	4	Each	\$150.00	\$600.00	0	0.00%	\$0.00
39	Bend, 45°, DIP, 10"	4	Each	\$200.00	\$800.00	0	0.00%	\$0.00
40	Gate Valve & Box, 6"	1	Each	\$500.00	\$500.00	1	100.00%	\$500.00
41	Gate Valve & Box, 8"	1	Each	\$600.00	\$600.00	0	0.00%	\$0.00

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ORIGINAL	21-Apr-11	\$91,900.00	02-Mar-12
REVISED		\$131,655.00	

Project # 2412 and 1866  
 Engineer: Robert A. Horton, P.E.  
 Inspector: John Pearson

Item #	Description	Quantity	Unit	Unit Price	Contract Price	% Complete	Amount
42	Water Service Line, Copper, To Match Existing	50	ft	\$10.00	\$500.00	30.00%	\$150.00
43	Water Service Connection	1	Each	\$300.00	\$300.00	100.00%	\$300.00
44	Trench Backfill	33	yd <sup>3</sup>	\$40.00	\$1,320.00	100.00%	\$1,320.00
45	Earth Excavation	15	yd <sup>3</sup>	\$20.00	\$300.00	100.00%	\$300.00
46	Geotechnical Fabric For Ground Stabilization	104	yd <sup>2</sup>	\$2.00	\$208.00	0.00%	\$0.00
<b>TOTAL COST OF CONSTRUCTION</b>					<b>\$91,900.00</b>	<b>143.26%</b>	<b>\$131,655.00</b>

--CHANGE ORDERS--

DESCRIPTION	Quantity	Unit	Price	AMOUNT
				<b>TOTAL: \$0.00</b>

--PREVIOUS PAYMENTS--

PAYMENT NUMBER	DOLLAR AMOUNT
<b>TOTAL OF PREVIOUS PAYMENTS = \$0.00</b>	

-- PAYMENT SUMMARY --

TOTAL AMOUNT OF WORK PERFORMED TO DATE =	\$131,655.00
+ TOTAL CHANGE ORDERS (SEE LIST) =	\$0.00
TOTAL AMOUNT EARNED TO DATE =	\$131,655.00
- RETAINED PERCENTAGE (0%) =	\$0.00
TOTAL AMOUNT EARNED LESS RETAINAGE =	\$131,655.00
- TOTAL PREVIOUS PAYMENTS (SEE LIST) =	\$0.00

**TOTAL AMOUNT THIS PAYMENT = \$131,655.00**

Recommended for payment:

 12/8/2011  
 City Engineer Date

Account Number	Total
506-619346-53806-1866000 Manholes	\$62,983.00
507-619348-53806-2412000 Catch Basins	\$68,672.00