

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** 6<sup>th</sup> Avenue Relief Sewer, Project 2688  
**Date:** July 6, 2015  
**Number:** 2015-120

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Brandt Construction is due payment #5 for the 6<sup>th</sup> Avenue Relief Sewer, Project 2688 for services provided through June 27, 2015. Expenses on this pay request are within the overall budget.

The contractor is currently installing new water main, sanitary sewer, storm sewer and the large diameter relief sewer between 6<sup>th</sup> and 11<sup>th</sup> Streets. In addition, they are currently working on installing a large diversion structure between 11<sup>th</sup> and 12<sup>th</sup> Streets.

**Recommendation**

The Public Works Department recommends that the City Council approve the payment to Brandt Construction, in the amount of \$756,808.55.

Vendor: Brandt Construction  
Payment Amount: \$756,808.55

Fund:	506	Wastewater Operations & Maintenance
Department:	619	Utilities Maintenance
Cost Center:	346	Wastewater Collection Maintenance
Object Code:	56311	Wastewater System Improvements
Project:	2688	6 <sup>th</sup> Avenue Relief Sewer

Purchase Order Number: P004616

**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

**ENGINEER'S PAY ESTIMATE NO. 5**

CITY JOB NO. 2688

**6TH AVENUE RELIEF SEWER, CITY OF ROCK ISLAND, IL**

SYMBIONT PROJECT NO. W111074

for work approved through 6/27/2015, printed on 7/2/15

BRANDT JOB NO. 14093

**WORK SUMMARY**

Item No.	Description	Quantity			Unit	Unit Price	Approved Value
		Contracted	Completed	Approved			
1	PROJECT MOBILIZATION	1	0.82	0.82	LS	\$700,000.00	\$573,609.30
2	OWNER'S REPRESENTATIVE OFFICE	11	7.00	7.00	month	\$1,675.00	\$11,725.00
3	PROJECT IDENTIFICATION SIGN	4	4.00	3.20	EA	\$650.00	\$2,080.00
4	11TH STREET TRAFFIC CONTROL - PHASES 1 & 2	1	0.00	0.00	LS	\$54,620.00	\$0.00
5	11TH STREET TRAFFIC CONTROL - PHASE 3	1	0.00	0.00	LS	\$20,200.00	\$0.00
6	11TH STREET TRAFFIC CONTROL - PHASE 4	1	0.00	0.00	LS	\$4,500.00	\$0.00
7	11TH STREET TRAFFIC CONTROL - PHASE 5	1	0.00	0.00	LS	\$9,000.00	\$0.00
8	OTHER TRAFFIC CONTROL	1	0.26	0.26	LS	\$14,000.00	\$3,644.91
9	INLET AND PIPE PROTECTION	64	33.00	33.00	EA	\$135.00	\$4,455.00
10	FOUNDATION MATERIAL	113	0.00	0.00	CY	\$26.50	\$0.00
11	TRENCH BACKFILL	6,500	1,612.64	1,570.72	CY	\$26.58	\$41,749.72
12	TREE REMOVAL	14	15.00	15.00	EA	\$1,500.00	\$22,500.00
13	ROADWAY PAVEMENT REMOVAL	27,419	2,930.55	2,930.55	SY	\$9.00	\$26,374.95
14	DRIVEWAY PAVEMENT REMOVAL	2,198	142.22	142.22	SY	\$13.00	\$1,848.86
15	CURB & GUTTER REMOVAL	10,000	160.00	160.00	LF	\$3.50	\$560.00
16	SIDEWALK REMOVAL	70,901	6,315.00	6,315.00	SF	\$0.70	\$4,420.50
17	SEWER PIPE ABANDONMENT OR REMOVAL, 15" TO 2	48	46.50	46.50	LF	\$37.00	\$1,720.50
18	SEWER PIPE ABANDONMENT OR REMOVAL, 24" TO 3	469	0.00	0.00	LF	\$62.00	\$0.00
19	SEWER PIPE ABANDONMENT OR REMOVAL, 36"	431	0.00	0.00	LF	\$63.00	\$0.00
20	SEWER MANHOLE REMOVAL	6	2.00	2.00	EA	\$1,655.00	\$3,310.00
21	CATCH BASIN REMOVAL	22	4.00	4.00	EA	\$525.00	\$2,100.00
22	VALVE VAULT REMOVAL	9	6.00	6.00	EA	\$1,075.00	\$6,450.00
23	VALVE WITH BOX REMOVAL	31	5.00	5.00	EA	\$1,075.00	\$5,375.00
24	FIRE HYDRANT REMOVAL	12	4.00	4.00	EA	\$755.00	\$3,020.00
25	FABRIC FOR GROUND STABILIZATION	29,720	0.00	0.00	SY	\$1.15	\$0.00
26	GRANULAR SUBBASE, TYPE A	29,720	0.00	0.00	SY	\$9.75	\$0.00
27	ROCK REMOVAL	16,000	4,544.17	4,544.17	CY	\$25.00	\$113,604.29
28	FLOWABLE FILL	1,600	93.50	88.50	CY	\$88.50	\$7,832.25
29	WATERMAIN PIPING, 4"	5	5.89	5.89	LF	\$410.00	\$2,416.00
30	WATERMAIN PIPING, 6"	334	273.50	273.50	LF	\$125.50	\$34,323.66
31	WATERMAIN PIPING, 8"	4,245	2,195.21	2,195.21	LF	\$91.50	\$200,861.65
32	WATERMAIN PIPING, 10"	2,076	1,105.48	870.38	LF	\$98.00	\$85,297.37
33	WATERMAIN PIPING, 12"	106	13.25	13.25	LF	\$360.00	\$4,768.80
34	CASING PIPE, 14" PVC	472	360.68	360.68	LF	\$88.00	\$31,739.82
35	CASING PIPE, 18" PVC	183	111.41	111.41	LF	\$119.00	\$13,257.62
36	CASING PIPE, 20" PVC	80	18.19	18.19	LF	\$150.00	\$2,728.80
37	FIRE HYDRANT	25	14.00	14.00	EA	\$3,925.00	\$54,950.00
38	VALVES AND VALVE BOXES, 6"	25	16.00	16.00	EA	\$1,350.00	\$21,600.00
39	VALVES AND VALVE BOXES, 8"	35	16.00	16.00	EA	\$1,650.00	\$26,400.00
40	VALVES AND VALVE BOXES, 10"	7	4.00	3.00	EA	\$2,300.00	\$6,900.00
41	VALVES AND VALVE BOXES, 12"	2	0.00	0.00	EA	\$2,880.00	\$0.00
42	VALVE BOX ADJUSTMENT	10	0.00	0.00	EA	\$420.00	\$0.00
43	CURB STOP ADJUSTMENT	4	0.00	0.00	EA	\$355.00	\$0.00

**ENGINEER'S PAY ESTIMATE NO. 5**

CITY JOB NO. 2688

**6TH AVENUE RELIEF SEWER, CITY OF ROCK ISLAND, IL**

SYMBIONT PROJECT NO. W111074

for work approved through 6/27/2015, printed on 7/2/15

BRANDT JOB NO. 14093

**WORK SUMMARY**

Item No.	Description	Quantity			Unit	Unit Price	Approved Value
		Contracted	Completed	Approved			
44	WATER SERVICE PIPING	694	176.00	176.00	LF	\$64.00	\$11,264.00
45	WATER SERVICE RECONNECTION TO MAIN	28	12.00	12.00	EA	\$930.00	\$11,160.00
46	COMBINED SEWER PIPING, 36" PP	60	0.00	0.00	LF	\$178.00	\$0.00
47	RELIEF SEWER PIPING, 48" PP	646	0.00	0.00	LF	\$226.50	\$0.00
48	TEE MANHOLE, SIZE AND MATERIAL PER #47	1	0.00	0.00	EA	\$19,600.00	\$0.00
49	RELIEF SEWER PIPING, 60" PP	1,192	0.00	0.00	LF	\$259.00	\$0.00
50	TEE MANHOLE, SIZE AND MATERIAL PER #49	1	0.00	0.00	EA	\$22,500.00	\$0.00
51	RELIEF SEWER PIPING, 60" FRP	874	0.00	0.00	LF	\$500.00	\$0.00
52	TEE MANHOLE, SIZE AND MATERIAL PER #51	2	0.00	0.00	EA	\$22,500.00	\$0.00
53	90 BEND FITTING, SIZE AND MATERIAL PER #51	2	0.00	0.00	EA	\$13,725.00	\$0.00
54	RELIEF SEWER PIPING, 66" FRP	4,011	1,819.53	1,224.87	LF	\$550.00	\$673,675.75
55	TEE MANHOLE, SIZE AND MATERIAL PER #54	8	3.00	1.50	EA	\$23,500.00	\$35,250.00
56	30 BEND FITTING, SIZE AND MATERIAL PER #54	6	2.00	1.50	EA	\$10,200.00	\$15,300.00
57	60 BEND FITTING, SIZE AND MATERIAL PER #54	1	1.00	0.75	EA	\$12,200.00	\$9,150.00
58	72.86 BEND FITTING, SIZE AND MATERIAL PER #54	1	0.00	0.00	EA	\$14,200.00	\$0.00
59	SANITARY SEWER PIPING, 4" PVC	12	0.00	0.00	LF	\$65.00	\$0.00
60	SANITARY SEWER PIPING, 8" PVC	1,443	1,167.04	279.26	LF	\$63.00	\$17,593.38
61	LATERAL WYE FITTING, 8" PVC MAINLINE	7	3.00	1.00	EA	\$365.00	\$365.00
62	SANITARY SEWER PIPING, 10" PVC	146	24.00	24.00	LF	\$74.50	\$1,788.00
63	SANITARY SEWER PIPING, 12" PP	135	2.83	2.83	LF	\$79.50	\$224.99
64	SANITARY SEWER PIPING, 15" PP	10	0.00	0.00	LF	\$362.00	\$0.00
65	SANITARY SEWER PIPING, 18" PP	13	0.00	0.00	LF	\$116.00	\$0.00
66	SANITARY SEWER PIPING, 30" PP	432	0.00	0.00	LF	\$140.00	\$0.00
67	STORM SEWER PIPING, 4" PVC	15	0.00	0.00	LF	\$85.00	\$0.00
68	STORM SEWER PIPING, 8" PVC	7	0.00	0.00	LF	\$180.00	\$0.00
69	STORM SEWER PIPING, 10" PVC	5	0.00	0.00	LF	\$200.00	\$0.00
70	STORM SEWER PIPING, 12" MATERIAL PER #63	379	64.58	64.58	LF	\$68.00	\$4,391.44
71	STORM SEWER PIPING, 15" MATERIAL PER #64	35	37.16	0.00	LF	\$105.00	\$0.00
72	STORM SEWER PIPING, 18" MATERIAL PER #65	61	29.00	29.00	LF	\$160.00	\$4,640.00
73	STORM SEWER PIPING, 22.5" X 36.25" ARCH or 24" X 37.75" ELLIPTICAL (30" EQUIVALENT), RCP	44	48.00	40.00	LF	\$315.00	\$12,600.00
74	STANDARD MANHOLE, 4'	15	9.00	8.00	EA	\$3,700.00	\$29,600.00
75	STANDARD MANHOLE, 5'	7	0.50	0.00	EA	\$5,925.00	\$0.00
76	OVERSIZE MANHOLE, 8'	2	0.00	0.00	EA	\$23,000.00	\$0.00
77	DROP MANHOLE, 5'	1	0.00	0.00	EA	\$7,463.21	\$0.00
78	STRUCTURE 101	1	1.00	1.00	LS	\$125,000.00	\$125,000.00
79	STRUCTURE 106	1	0.75	0.75	LS	\$250,000.00	\$187,500.00
80	STRUCTURE 108	1	0.95	0.95	LS	\$175,000.00	\$166,250.00
81	STRUCTURE 109	1	0.85	0.85	LS	\$100,000.00	\$85,000.00
82	STRUCTURE 110	1	0.85	0.85	LS	\$35,075.00	\$29,813.75
83	STRUCTURE 114	1	0.00	0.00	LS	\$99,650.00	\$0.00
84	STRUCTURE 117	1	0.00	0.00	LS	\$66,250.00	\$0.00
85	STRUCTURE 119	1	0.00	0.00	LS	\$85,575.00	\$0.00

**ENGINEER'S PAY ESTIMATE NO. 5**

CITY JOB NO. 2688

**6TH AVENUE RELIEF SEWER, CITY OF ROCK ISLAND, IL**

SYMBIONT PROJECT NO. W111074

for work approved through 6/27/2015, printed on 7/2/15

BRANDT JOB NO. 14093

**WORK SUMMARY**

Item No.	Description	Quantity			Unit	Unit Price	Approved Value
		Contracted	Completed	Approved			
86	STRUCTURE 120	1	0.00	0.00	LS	\$126,500.00	\$0.00
87	STRUCTURE 122	1	0.00	0.00	LS	\$173,550.00	\$0.00
88	SINGLE CATCH BASIN	22	8.00	7.00	EA	\$2,050.00	\$14,350.00
89	DOUBLE CATCH BASIN	3	0.00	0.00	EA	\$3,550.00	\$0.00
90	STORM SEWER CLEANOUT	2	1.00	1.00	EA	\$3,100.00	\$3,100.00
91	MANHOLE ADJUSTMENT	33	0.00	0.00	EA	\$600.00	\$0.00
92	CATCH BASIN ADJUSTMENT	38	0.00	0.00	EA	\$575.00	\$0.00
93	MANHOLE REBUILD	23	0.00	0.00	EA	\$2,975.00	\$0.00
94	MANHOLE FRAME AND COVER	22	0.00	0.00	EA	\$400.00	\$0.00
95	MANHOLE FRAME AND GRATE	2	0.00	0.00	EA	\$400.00	\$0.00
96	CATCH BASIN FRAME AND GRATE	40	0.00	0.00	EA	\$575.00	\$0.00
97	SEWER LATERAL ABANDONMENT AND RECONNECT	9	5.00	5.00	EA	\$1,115.00	\$5,575.00
98	PCC DRIVEWAY PAVEMENT, 6"	270	0.00	0.00	SY	\$62.00	\$0.00
99	PCC DRIVEWAY PAVEMENT, 7"	1,432	0.00	0.00	SY	\$65.00	\$0.00
100	PCC SIDEWALK PAVEMENT, 4"	5,959	0.00	0.00	SY	\$47.50	\$0.00
101	PCC SIDEWALK PAVEMENT, 5"	963	0.00	0.00	SY	\$132.00	\$0.00
102	PAVEMENT MARKING, 4" CONTINUOUS	711	0.00	0.00	LF	\$0.70	\$0.00
103	PAVEMENT MARKING, 4" DASHED	498	0.00	0.00	LF	\$0.70	\$0.00
104	PAVEMENT MARKING, 4" DASHED, TIGHT SPACING	308	0.00	0.00	LF	\$0.70	\$0.00
105	PAVEMENT MARKING, 6" CONTINUOUS	2,155	0.00	0.00	LF	\$0.70	\$0.00
106	PAVEMENT MARKING, 12" CONTINUOUS	69	0.00	0.00	LF	\$1.15	\$0.00
107	PAVEMENT MARKING, 18" CONTINUOUS	184	0.00	0.00	LF	\$1.15	\$0.00
108	PAVEMENT MARKING, 24" CONTINUOUS	20	0.00	0.00	LF	\$2.25	\$0.00
109	PAVEMENT MARKING, CURB	2,806	0.00	0.00	LF	\$0.70	\$0.00
110	SIGN POST	93	0.00	0.00	EA	\$134.50	\$0.00
111	RELOCATED SIGN PANEL	168	0.00	0.00	EA	\$112.00	\$0.00
112	STOP SIGN PANEL (R1-1)	4	0.00	0.00	EA	\$112.00	\$0.00
113	ALL WAY SIGN PANEL (R1-4)	4	0.00	0.00	EA	\$34.00	\$0.00
114	NO OUTLET SIGN PANEL (W14-2)	1	0.00	0.00	EA	\$112.00	\$0.00
115	END OF ROAD MARKER (OM4-2)	3	0.00	0.00	EA	\$89.50	\$0.00
116	NO PARKING (R7-1AD, R7-1AR)	5	0.00	0.00	EA	\$45.00	\$0.00
117	SODDING	13,160	0.00	0.00	SY	\$5.60	\$0.00
118	COMPOSITE PAVEMENT, 11TH STREET	922	0.00	0.00	SY	\$99.50	\$0.00
119	PCC CURB AND GUTTER, 11TH STREET	243	0.00	0.00	LF	\$45.00	\$0.00
120a	PCC CURB AND GUTTER, (EXCEPT 11TH STREET)	12,740	0.00	0.00	LF	\$19.50	\$0.00
121a	HOT-MIX ASPHALT PAVEMENT, 6.00" (8TH TO 11TH STREET)	5,006	0.00	0.00	SY	\$31.00	\$0.00
122a	HOT-MIX ASPHALT PAVEMENT, 6.00" OR 6.25" (17TH TO 20TH)	4,657	0.00	0.00	SY	\$32.00	\$0.00
123a	HOT-MIX ASPHALT PAVEMENT, 8.25" OR 9.00" (11TH TO 17TH STREET)	6,250	0.00	0.00	SY	\$44.00	\$0.00
124a	HOT-MIX ASPHALT PAVEMENT, 8.25" OR 9.00" (20TH TO 24TH STREET)	5,520	0.00	0.00	SY	\$44.00	\$0.00

**ENGINEER'S PAY ESTIMATE NO. 5**  
**6TH AVENUE RELIEF SEWER, CITY OF ROCK ISLAND, IL**  
for work approved through 6/27/2015, printed on 7/2/15

CITY JOB NO. 2688  
SYMBIONT PROJECT NO. W111074  
BRANDT JOB NO. 14093

**WORK SUMMARY**

Item No.	Description	Quantity			Unit	Unit Price	Approved Value
		Contracted	Completed	Approved			
125a	HOT-MIX ASPHALT PAVEMENT, 9.50" OR 10.25" (20TH & 24TH STREET)	812	0.00	0.00	SY	\$48.00	\$0.00
126a	HOT-MIX ASPHALT PAVEMENT, 11.00" OR 11.75" (15TH STREET)	303	0.00	0.00	SY	\$60.00	\$0.00
<b>CHANGE ORDERS</b>							
127	NEWFORMA SOFTWARE COST SHARE (CO1, 10/27/14)		1.00	0.00	LS	-\$3,750.00	\$0.00
128	SANITARY SEWER PIPING, 6" PVC, MH208 (CO2, 12/9/14)		1.00	0.00	LS	\$370.00	\$0.00
129	FOUNDATION MATERIAL, SPECIAL		43.23	0.00	CY	\$38.75	\$0.00
							\$0.00

Total Approved Value \$2,765,215.29

10% Retainage -\$276,521.53

Total Value Approved for Payment \$2,488,693.77

**PROGRESS PAYMENTS**

No.	Date Approved	Amount
1	2/2/15 (pay estimate dated 1/23/15)	\$607,724.53
2	3/16/15 (pay estimate dated 3/6/15)	\$346,073.71
3	4/20/15 (pay estimate dated 4/13/15)	\$324,645.69
4	6/1/15 (pay estimate dated 5/22/15)	\$453,441.29

Total \$1,731,885

**NET AMOUNT DUE \$756,808.55**

Payable To:

BRANDT CONSTRUCTION CO.  
700 4TH STREET  
WEST MILAN, IL 61264

**SIGNED**

Robin Jones  
\_\_\_\_\_  
Resident Project Representative

7/1/2015  
\_\_\_\_\_  
Date

Amy Post  
\_\_\_\_\_  
Engineer

7/2/2015  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
City Engineer

7/3/2015  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Contractor

7-2-2015  
\_\_\_\_\_  
Date