

**Memorandum
Public Works Department**



To: City Manager
Subject: 6th Avenue Relief Sewer, Project 2688
Date: April 14, 2015
Number: 2015-072

Brandt Construction is due payment #3 for the 6th Avenue Relief Sewer, Project 2688 for services provided through April 6, 2015.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Brandt Construction, in the amount of \$324,645.69.

Vendor: Brandt Construction
Payment Amount: \$324,645.69

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

Purchase Order Number: P004616

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

ENGINEER'S PAY ESTIMATE NO. 3
6TH AVENUE RELIEF SEWER, CITY OF ROCK ISLAND, IL
for work approved through 4/6/2015, printed on 4/13/15

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

WORK SUMMARY

Item No.	Description	Quantity				Unit	Unit Price	Approved Value
		Contracted	Anticipated	Completed	Approved			
1	PROJECT MOBILIZATION	1	1	0.82	0.82	LS	\$700,000.00	\$573,609.30
2	OWNER'S REPRESENTATIVE OFFICE	11	11	4.00	4.00	month	\$1,675.00	\$6,700.00
3	PROJECT IDENTIFICATION SIGN	4	4	4.00	3.20	EA	\$650.00	\$2,080.00
4	11TH STREET TRAFFIC CONTROL - PHASES 1 & 2	1	1	0.00	0.00	LS	\$54,620.00	\$0.00
5	11TH STREET TRAFFIC CONTROL - PHASE 3	1	1	0.00	0.00	LS	\$20,200.00	\$0.00
6	11TH STREET TRAFFIC CONTROL - PHASE 4	1	1	0.00	0.00	LS	\$4,500.00	\$0.00
7	11TH STREET TRAFFIC CONTROL - PHASE 5	1	1	0.00	0.00	LS	\$9,000.00	\$0.00
8	OTHER TRAFFIC CONTROL	1	1	0.13	0.13	LS	\$14,000.00	\$1,872.39
9	INLET AND PIPE PROTECTION	64	64	24.00	20.00	EA	\$135.00	\$2,700.00
10	FOUNDATION MATERIAL	113	113	0.00	0.00	CY	\$26.50	\$0.00
11	TRENCH BACKFILL	6,500	6,500	1,090.70	1,090.70	CY	\$26.58	\$28,990.81
12	TREE REMOVAL	14	14	15.00	15.00	EA	\$1,500.00	\$22,500.00
13	ROADWAY PAVEMENT REMOVAL	27,419	27,419	1,777.23	1,705.56	SY	\$9.00	\$15,350.04
14	DRIVEWAY PAVEMENT REMOVAL	2,198	2,198	64.78	64.78	SY	\$13.00	\$842.14
15	CURB & GUTTER REMOVAL	10,000	10,000	160.00	160.00	LF	\$3.50	\$560.00
16	SIDEWALK REMOVAL	70,901	70,901	1,975.00	1,975.00	SF	\$0.70	\$1,382.50
17	SEWER PIPE ABANDONMENT OR REMOVAL, 15" TO 2	48	48	0.00	0.00	LF	\$37.00	\$0.00
18	SEWER PIPE ABANDONMENT OR REMOVAL, 24" TO 3	469	469	0.00	0.00	LF	\$62.00	\$0.00
19	SEWER PIPE ABANDONMENT OR REMOVAL, 36"	431	431	0.00	0.00	LF	\$63.00	\$0.00
20	SEWER MANHOLE REMOVAL	6	6	0.00	0.00	EA	\$1,655.00	\$0.00
21	CATCH BASIN REMOVAL	22	22	0.00	0.00	EA	\$525.00	\$0.00
22	VALVE VAULT REMOVAL	9	9	2.00	2.00	EA	\$1,075.00	\$2,150.00
23	VALVE WITH BOX REMOVAL	31	31	3.00	3.00	EA	\$1,075.00	\$3,225.00
24	FIRE HYDRANT REMOVAL	12	12	2.00	2.00	EA	\$755.00	\$1,510.00
25	FABRIC FOR GROUND STABILIZATION	29,720	29,720	0.00	0.00	SY	\$1.15	\$0.00
26	GRANULAR SUBBASE, TYPE A	29,720	29,720	0.00	0.00	SY	\$9.75	\$0.00
27	ROCK REMOVAL	16,000	16,000	72.49	57.12	CY	\$25.00	\$1,428.07
28	FLOWABLE FILL	1,600	1,600	23.00	21.00	CY	\$88.50	\$1,858.50
29	WATERMAIN PIPING, 4"	5	5	0.14	0.14	LF	\$410.00	\$58.50
30	WATERMAIN PIPING, 6"	334	340	164.08	123.34	LF	\$125.50	\$15,479.30
31	WATERMAIN PIPING, 8"	4,245	4,245	1,533.13	1,043.57	LF	\$91.50	\$95,486.57
32	WATERMAIN PIPING, 10"	2,076	2,076	1,175.40	870.38	LF	\$98.00	\$85,297.37
33	WATERMAIN PIPING, 12"	106	106	13.25	13.25	LF	\$360.00	\$4,768.80
34	CASING PIPE, 14" PVC	472	472	295.62	248.04	LF	\$88.00	\$21,827.42
35	CASING PIPE, 18" PVC	183	183	101.61	96.03	LF	\$119.00	\$11,427.60
36	CASING PIPE, 20" PVC	80	80	18.19	18.19	LF	\$150.00	\$2,728.80
37	FIRE HYDRANT	25	25	7.00	6.25	EA	\$3,925.00	\$24,531.25
38	VALVES AND VALVE BOXES, 6"	25	26	10.00	6.00	EA	\$1,350.00	\$8,100.00
39	VALVES AND VALVE BOXES, 8"	35	35	11.00	6.00	EA	\$1,650.00	\$9,900.00
40	VALVES AND VALVE BOXES, 10"	7	7	4.00	3.00	EA	\$2,300.00	\$6,900.00
41	VALVES AND VALVE BOXES, 12"	2	2	0.00	0.00	EA	\$2,680.00	\$0.00
42	VALVE BOX ADJUSTMENT	10	10	0.00	0.00	EA	\$420.00	\$0.00
43	CURB STOP ADJUSTMENT	4	4	0.00	0.00	EA	\$355.00	\$0.00

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for work approved through 4/6/2015, printed on 4/13/15

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

WORK SUMMARY

Item No.	Description	Quantity				Unit	Unit Price	Approved Value
		Contracted	Anticipated	Completed	Approved			
44	WATER SERVICE PIPING	694	694	97.50	97.50	LF	\$64.00	\$6,240.00
45	WATER SERVICE RECONNECTION TO MAIN	28	28	10.00	10.00	EA	\$930.00	\$9,300.00
46	COMBINED SEWER PIPING, 36" PP	60	60	0.00	0.00	LF	\$178.00	\$0.00
47	RELIEF SEWER PIPING, 48" PP	646	646	0.00	0.00	LF	\$226.50	\$0.00
48	TEE MANHOLE, SIZE AND MATERIAL PER #47	1	1	0.00	0.00	EA	\$19,600.00	\$0.00
49	RELIEF SEWER PIPING, 60" PP	1,192	1,192	0.00	0.00	LF	\$259.00	\$0.00
50	TEE MANHOLE, SIZE AND MATERIAL PER #49	1	1	0.00	0.00	EA	\$22,500.00	\$0.00
51	RELIEF SEWER PIPING, 60" FRP	874	874	0.00	0.00	LF	\$500.00	\$0.00
52	TEE MANHOLE, SIZE AND MATERIAL PER #51	2	2	0.00	0.00	EA	\$22,500.00	\$0.00
53	90 BEND FITTING, SIZE AND MATERIAL PER #51	2	2	0.00	0.00	EA	\$13,725.00	\$0.00
54	RELIEF SEWER PIPING, 66" FRP	4,011	4,011	350.79	333.25	LF	\$550.00	\$183,287.78
55	TEE MANHOLE, SIZE AND MATERIAL PER #54	8	8	0.00	0.00	EA	\$23,500.00	\$0.00
56	30 BEND FITTING, SIZE AND MATERIAL PER #54	6	6	0.00	0.00	EA	\$10,200.00	\$0.00
57	60 BEND FITTING, SIZE AND MATERIAL PER #54	1	1	0.00	0.00	EA	\$12,200.00	\$0.00
58	72.86 BEND FITTING, SIZE AND MATERIAL PER #54	1	1	0.00	0.00	EA	\$14,200.00	\$0.00
59	SANITARY SEWER PIPING, 4" PVC	12	12	0.00	0.00	LF	\$65.00	\$0.00
60	SANITARY SEWER PIPING, 8" PVC	1,443	1,443	140.37	133.35	LF	\$63.00	\$8,401.14
61	LATERAL WYE FITTING, 8" PVC MAINLINE	7	8	1.00	1.00	EA	\$365.00	\$365.00
62	SANITARY SEWER PIPING, 10" PVC	146	132	0.00	0.00	LF	\$74.50	\$0.00
63	SANITARY SEWER PIPING, 12" PP	135	135	2.83	2.83	LF	\$79.50	\$224.99
64	SANITARY SEWER PIPING, 15" PP	10	10	0.00	0.00	LF	\$362.00	\$0.00
65	SANITARY SEWER PIPING, 18" PP	13	13	0.00	0.00	LF	\$116.00	\$0.00
66	SANITARY SEWER PIPING, 30" PP	432	432	0.00	0.00	LF	\$140.00	\$0.00
67	STORM SEWER PIPING, 4" PVC	15	15	0.00	0.00	LF	\$85.00	\$0.00
68	STORM SEWER PIPING, 8" PVC	7	7	0.00	0.00	LF	\$180.00	\$0.00
69	STORM SEWER PIPING, 10" PVC	5	5	0.00	0.00	LF	\$200.00	\$0.00
70	STORM SEWER PIPING, 12" MATERIAL PER #63	379	379	0.00	0.00	LF	\$68.00	\$0.00
71	STORM SEWER PIPING, 15" MATERIAL PER #64	35	35	0.00	0.00	LF	\$105.00	\$0.00
72	STORM SEWER PIPING, 18" MATERIAL PER #65	61	61	0.00	0.00	LF	\$160.00	\$0.00
73	STORM SEWER PIPING, 22.5" X 36.25" ARCH or 24" X 37.75" ELLIPTICAL (30" EQUIVALENT), RCP	44	44	0.00	0.00	LF	\$315.00	\$0.00
74	STANDARD MANHOLE, 4'	15	14	1.00	1.00	EA	\$3,700.00	\$3,700.00
75	STANDARD MANHOLE, 5'	7	7	0.00	0.00	EA	\$5,925.00	\$0.00
76	OVERSIZE MANHOLE, 8'	2	2	0.00	0.00	EA	\$23,000.00	\$0.00
77	DROP MANHOLE, 5'	1	1	0.00	0.00	EA	\$7,463.21	\$0.00
78	STRUCTURE 101	1	1	0.00	0.00	LS	\$125,000.00	\$0.00
79	STRUCTURE 106	1	1	0.00	0.00	LS	\$250,000.00	\$0.00
80	STRUCTURE 108	1	1	0.95	0.95	LS	\$175,000.00	\$166,250.00
81	STRUCTURE 109	1	1	0.85	0.85	LS	\$100,000.00	\$85,000.00
82	STRUCTURE 110	1	1	0.00	0.00	LS	\$35,075.00	\$0.00
83	STRUCTURE 114	1	1	0.00	0.00	LS	\$99,650.00	\$0.00
84	STRUCTURE 117	1	1	0.00	0.00	LS	\$66,250.00	\$0.00
85	STRUCTURE 119	1	1	0.00	0.00	LS	\$85,575.00	\$0.00
86	STRUCTURE 120	1	1	0.00	0.00	LS	\$126,500.00	\$0.00

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87	STRUCTURE 122	1	1	0.00	0.00	LS	\$173,550.00	\$0.00
88	SINGLE CATCH BASIN	22	22	0.00	0.00	EA	\$2,050.00	\$0.00
89	DOUBLE CATCH BASIN	3	3	0.00	0.00	EA	\$3,550.00	\$0.00
90	STORM SEWER CLEANOUT	2	2	0.00	0.00	EA	\$3,100.00	\$0.00
91	MANHOLE ADJUSTMENT	33	33	0.00	0.00	EA	\$600.00	\$0.00
92	CATCH BASIN ADJUSTMENT	38	38	0.00	0.00	EA	\$575.00	\$0.00
93	MANHOLE REBUILD	23	23	0.00	0.00	EA	\$2,975.00	\$0.00
94	MANHOLE FRAME AND COVER	22	22	0.00	0.00	EA	\$400.00	\$0.00
95	MANHOLE FRAME AND GRATE	2	2	0.00	0.00	EA	\$400.00	\$0.00
96	CATCH BASIN FRAME AND GRATE	40	40	0.00	0.00	EA	\$575.00	\$0.00
97	SEWER LATERAL ABANDONMENT AND RECONNECT	9	9	4.00	4.00	EA	\$1,115.00	\$4,460.00
98	PCC DRIVEWAY PAVEMENT, 6"	270	270	0.00	0.00	SY	\$62.00	\$0.00
99	PCC DRIVEWAY PAVEMENT, 7"	1,432	1,432	0.00	0.00	SY	\$65.00	\$0.00
100	PCC SIDEWALK PAVEMENT, 4"	5,959	5,959	0.00	0.00	SY	\$47.50	\$0.00
101	PCC SIDEWALK PAVEMENT, 5"	963	963	0.00	0.00	SY	\$132.00	\$0.00
102	PAVEMENT MARKING, 4" CONTINUOUS	711	711	0.00	0.00	LF	\$0.70	\$0.00
103	PAVEMENT MARKING, 4" DASHED	498	498	0.00	0.00	LF	\$0.70	\$0.00
104	PAVEMENT MARKING, 4" DASHED, TIGHT SPACING	308	308	0.00	0.00	LF	\$0.70	\$0.00
105	PAVEMENT MARKING, 6" CONTINUOUS	2,155	2,155	0.00	0.00	LF	\$0.70	\$0.00
106	PAVEMENT MARKING, 12" CONTINUOUS	69	69	0.00	0.00	LF	\$1.15	\$0.00
107	PAVEMENT MARKING, 18" CONTINUOUS	184	184	0.00	0.00	LF	\$1.15	\$0.00
108	PAVEMENT MARKING, 24" CONTINUOUS	20	20	0.00	0.00	LF	\$2.25	\$0.00
109	PAVEMENT MARKING, CURB	2,806	2,806	0.00	0.00	LF	\$0.70	\$0.00
110	SIGN POST	93	93	0.00	0.00	EA	\$134.50	\$0.00
111	RELOCATED SIGN PANEL	168	168	0.00	0.00	EA	\$112.00	\$0.00
112	STOP SIGN PANEL (R1-1)	4	4	0.00	0.00	EA	\$112.00	\$0.00
113	ALL WAY SIGN PANEL (R1-4)	4	4	0.00	0.00	EA	\$34.00	\$0.00
114	NO OUTLET SIGN PANEL (W14-2)	1	1	0.00	0.00	EA	\$112.00	\$0.00
115	END OF ROAD MARKER (OM4-2)	3	3	0.00	0.00	EA	\$89.50	\$0.00
116	NO PARKING (R7-1AD, R7-1AR)	5	5	0.00	0.00	EA	\$45.00	\$0.00
117	SODDING	13,160	13,160	0.00	0.00	SY	\$5.60	\$0.00
118	COMPOSITE PAVEMENT, 11TH STREET	922	922	0.00	0.00	SY	\$99.50	\$0.00
119	PCC CURB AND GUTTER, 11TH STREET	243	243	0.00	0.00	LF	\$45.00	\$0.00
120a	PCC CURB AND GUTTER, (EXCEPT 11TH STREET)	12,740	12,740	0.00	0.00	LF	\$19.50	\$0.00
121a	HOT-MIX ASPHALT PAVEMENT, 6.00" (6TH TO 11TH STREET)	5,006	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	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	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	5,520	0.00	0.00	SY	\$44.00	\$0.00
125a	HOT-MIX ASPHALT PAVEMENT, 9.50" OR 10.25" (20TH & 24TH STREET)	812	812	0.00	0.00	SY	\$48.00	\$0.00

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126a	HOT-MIX ASPHALT PAVEMENT, 11.00" OR 11.75" (15TH STREET)	303	303	0.00	0.00	SY	\$60.00	\$0.00

CHANGE ORDERS

127	NEWFORMA SOFTWARE COST SHARE (CO1, 10/27/14)		1	1.00	0.00	LS	-\$3,750.00	\$0.00
128	SANITARY SEWER PIPING, 6" PVC, MH208 (CO2, 12/9/14)		1	1.00	0.00	LS	\$370.00	\$0.00
129	FOUNDATION MATERIAL, SPECIAL		113	43.23	0.00	CY	\$38.75	\$0.00
								\$0.00

Total Approved Value \$1,420,493.25
10% Retainage -\$142,049.33
Total Value Approved for Paymen \$1,278,443.93

PROGRESS PAYMENTS

No.	Date Approved	Amount
1	2/2/15 (pay estimate dated 1/23/15)	\$607,724.53
2	pay estimate dated 3/6/15	\$346,073.71

Total \$953,798.24

NET AMOUNT DUE \$324,645.69

SIGNED

Robin Jones

Resident Project Representative

4/13/2015

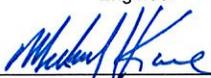
Date

Amy Post

Engineer

4/13/2015

Date



City Engineer

4/13/2015

Date

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