

**Memorandum
Public Works Department**



To: City Manager
Subject: 23rd Avenue Reconstruction: 12th Street to 17th Street, Project 2691
Date: November 6, 2013
Number: 2013-220

Brandt Construction Company is due payment #2 for the 23rd Avenue Reconstruction: 12th Street to 17th Street, Project 2691 for services provided from October 9, 2013 through October 30, 2013.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Brandt Construction Company, in the amount of \$125,580.06.

Vendor: Brandt Construction Company
Payment Amount: \$125,580.06

Fund:	506	Wastewater Operation and Maintenance	(\$25,586.10)
Department:	619	Utilities Maintenance	
Cost Center:	346	Wastewater Collection Maintenance	
Object Code:	56311	Wastewater Systems Improvements	
Project:	2691	Asphalt Street Milling and Patching Program	

Fund:	301	Capital Improvements	(\$99,993.96)
Department:	616	Municipal Services	
Cost Center:	316	Special Assessments	
Object Code:	56301	Streets/Alleys	
Project:	2691	Asphalt Street Milling and Patching Program	
Grant:	223	Gaming	

Purchase Order: P003778

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

Approved by: Thomas Thomas, City Manager

PAY ESTIMATE #2

FOR THE PERIOD FROM 10/9/13 to 10/30/13

Contractor: Brandt Construction Co.

Date: October 30, 2013

700 4th Street
Milan, Illinois 61264
309-787-4644

Project Name: 23rd Avenue Reconstruction, 12th Street to 17th Street

City Job No. 2691; General No. 13-TX-33

Engineer: Robert Horton

Inspector: John Pearson

	Contract Amount	Completion Date
ORIGINAL	\$1,351,531.70	31-Jul-14
REVISED		

Item No.	Description	Plan Quantity	Units	Unit Price	Scheduled Total	Completed To Date	Percent Complete	Total
1	Earth Excavation	2114.0	C.Y.	\$20.50	\$ 43,337.00	100.00	4.73%	\$ 2,050.00
2	Geotechnical Fabric for Ground Stabilization	8863.0	S.Y.	\$0.90	\$ 7,976.70	1290.00	14.55%	\$ 1,161.00
3	Aggregate Base Course, Type A	3298.0	Ton	\$20.50	\$ 67,609.00	500.00	15.16%	\$ 10,250.00
4	Subbase Granular, Type C	517.0	Ton	\$25.50	\$ 13,183.50	145.00	28.05%	\$ 3,697.50
5	Brick Pavement With Vertical Curb (Remove and Replace)	37.0	S.Y.	\$150.00	\$ 5,550.00	0.00	0.00%	\$ -
6	Pavement Removal	9178.0	S.Y.	\$9.00	\$ 82,602.00	1275.00	13.89%	\$ 11,475.00
7	Portland Cement Concrete Pavement (Jointed), 7" (With Integral Curb)	8814.0	S.Y.	\$38.00	\$ 334,932.00	569.40	6.46%	\$ 21,637.20
8	Hot-Mix Asphalt And PCC Base Course (With Integral Curb)	15.0	S.Y.	\$251.00	\$ 3,765.00	0.00	0.00%	\$ -
9	Curb and Gutter Removal	6.0	Ft.	\$41.00	\$ 246.00	0.00	0.00%	\$ -
10	Combination Concrete Curb And Gutter, Type M-6.18 (Modified)	6.0	Ft.	\$77.00	\$ 462.00	0.00	0.00%	\$ -
11	Driveway Pavement Removal	393.0	S.Y.	\$13.00	\$ 5,109.00	133.00	33.84%	\$ 1,729.00
12	Portland Cement Concrete Driveway Pavement, 6"	503.0	S.Y.	\$51.25	\$ 25,778.75	0.00	0.00%	\$ -
13	Sidewalk Removal	8605.0	S.F.	\$1.00	\$ 8,605.00	485.60	5.64%	\$ 485.60
14	Portland Cement Concrete Sidewalk, 4"	10385.0	S.F.	\$4.80	\$ 49,848.00	0.00	0.00%	\$ -
15	Portland Cement Concrete Pedestrian Curb Ramp, 6"	1623.0	S.F.	\$13.00	\$ 21,099.00	0.00	0.00%	\$ -
16	Tree Removal (6 to 15 Inch Diameter)	38.0	In. Dia.	\$28.00	\$ 1,064.00	13.60	35.79%	\$ 380.80
17	Tree Removal (Over 15 Inch Diameter)	134.0	In. Dia.	\$47.00	\$ 6,298.00	194.60	145.22%	\$ 9,146.20
18	Seeding, Class 7 (Temporary Turf Cover Mixture)	4016.0	S.Y.	\$0.25	\$ 1,004.00	0.00	0.00%	\$ -
19	Sodding	4016.0	S.Y.	\$5.60	\$ 22,489.60	0.00	0.00%	\$ -
20	Inlet and Pipe Protection	19	Each	\$130.00	\$ 2,470.00	3.00	15.79%	\$ 390.00
21	Removing Catch Basins	2	Each	\$250.00	\$ 500.00	0.00	0.00%	\$ -
22	Catch Basins To Be Adjusted	3	Each	\$475.00	\$ 1,425.00	0.00	0.00%	\$ -
23	Catch Basins, Single, With New Frame and Type C Grate	15	Each	\$1,855.00	\$ 27,825.00	2.00	13.33%	\$ 3,710.00
24	Removing Manholes to Maintain Flow	4	Each	\$1,025.00	\$ 4,100.00	2.00	50.00%	\$ 2,050.00
25	Manholes To Be Adjusted	4	Each	\$480.00	\$ 1,920.00	0.00	0.00%	\$ -
26	Manholes To Be Adjusted With New Frame and Lid	2	Each	\$750.00	\$ 1,500.00	0.00	0.00%	\$ -
27	Manholes, Type A, 4' Diameter, With New Frame and Lid	7	Each	\$3,725.00	\$ 26,075.00	2.00	28.57%	\$ 7,450.00
28	Manholes, Type A, 5' Diameter, With New Frame and Lid	2	Each	\$5,625.00	\$ 11,250.00	1.00	50.00%	\$ 5,625.00
29	Manholes, Type A, 4' Diameter, With New Frame and Lid, Drop	1	Each	\$5,925.00	\$ 5,925.00	1.00	100.00%	\$ 5,925.00
30	Storm Sewer Structure Connection	2	Each	\$260.00	\$ 520.00	1.00	50.00%	\$ 260.00
31	Storm Sewer, PVC, 12"	728.0	Ft.	\$38.50	\$ 28,028.00	52.00	7.14%	\$ 2,002.00
32	Pressure Class Storm Sewer, 12"	147.0	Ft.	\$48.25	\$ 7,092.75	0.00	0.00%	\$ -
33	Storm Sewer, PVC, 15"	823.0	Ft.	\$61.50	\$ 50,614.50	0.00	0.00%	\$ -
34	Storm Sewer, PVC, 36"	433.0	Ft.	\$119.50	\$ 51,743.50	358.00	82.68%	\$ 42,781.00
35	Sewer Removal	1082.0	Ft.	\$5.25	\$ 5,680.50	80.00	7.39%	\$ 420.00
36	Sanitary Sewer, Pressure Class, Service Laterals	80.0	Ft.	\$44.25	\$ 3,540.00	69.30	86.63%	\$ 3,066.53
37	Sanitary Sewer, PVC, 8"	1018.0	Ft.	\$53.00	\$ 53,954.00	333.00	32.71%	\$ 17,649.00
38	Sanitary Service Connection	13	Each	\$465.00	\$ 6,045.00	6.00	46.15%	\$ 2,790.00
39	Pipe Underdrain, Perforated Corrugated Polyethylene, 4"	4490.0	Ft.	\$13.00	\$ 58,370.00	901.00	20.07%	\$ 11,713.00
40	Trench Backfill	3734.0	C.Y.	\$10.00	\$ 37,340.00	463.40	12.41%	\$ 4,634.00
41	Water Main, PVC, DR-14, 8"	2591.0	Ft.	\$49.00	\$ 126,959.00	1103.40	42.59%	\$ 54,066.60
42	Water Main, PVC, DR-14, 6"	196.0	Ft.	\$44.00	\$ 8,624.00	44.50	22.70%	\$ 1,958.00
43	Hot Tap Water Main, With Tapping Sleeve and Valve, 10"x10"x8"	2	Each	\$4,525.00	\$ 9,050.00	1.00	50.00%	\$ 4,525.00
44	Tee, Class 350, DIP, MJ, 8"x8"x6"	7	Each	\$440.00	\$ 3,080.00	3.00	42.86%	\$ 1,320.00
45	Cross, Class 350, DIP, MJ, 8"x8"	1	Each	\$665.00	\$ 665.00	0.00	0.00%	\$ -
46	Bend, Class 350, DIP, MJ, 22 1/2°	2	Each	\$345.00	\$ 690.00	2.00	100.00%	\$ 690.00
47	Bend, Class 350, DIP, MJ, 45°	10	Each	\$345.00	\$ 3,450.00	4.00	40.00%	\$ 1,380.00
48	Reducer, Class 350, DIP, MJ, 8"x6"	5	Each	\$385.00	\$ 1,925.00	1.00	20.00%	\$ 385.00
49	Cap, Class 350, DIP, MJ, 6"	2	Each	\$200.00	\$ 400.00	3.00	150.00%	\$ 600.00
50	Gate Valve and Box, 8"	15	Each	\$1,350.00	\$ 20,250.00	4.00	26.67%	\$ 5,400.00
51	Gate Valve And Box, 6"	8	Each	\$1,000.00	\$ 8,000.00	3.00	37.50%	\$ 3,000.00
52	Gate Valve and Box To Be Removed	16	Each	\$700.00	\$ 11,200.00	0.00	0.00%	\$ -

220
210

PAY ESTIMATE #2
FOR THE PERIOD FROM 10/9/13 to 10/30/13

Contractor: Brandt Construction Co.
700 4th Street
Milan, Illinois 61264
309-787-4644

Date: October 30, 2013

Project Name: 23rd Avenue Reconstruction, 12th Street to 17th Street

City Job No. 2691; General No. 13-TX-33

Engineer: Robert Horton

Inspector: John Pearson

	Contract Amount	Completion Date
ORIGINAL	\$1,351,531.70	31-Jul-14
REVISED		

Item No.	Description	Plan Quantity	Units	Unit Price	Scheduled Total	Completed To Date	Percent Complete	Total
53	Water Service Connection, With Saddle, 3/4" or 1"	17	Each	\$425.00	\$ 7,225.00	14.00	82.35%	\$ 5,950.00
54	Water Service Line, 3/4" or 1"	396.0	Ft.	\$38.25	\$ 15,147.00	402.80	101.72%	\$ 15,407.10
55	Domestic Water Valve and Box To Be Adjusted	3	Each	\$79.00	\$ 237.00	0.00	0.00%	\$ -
56	Domestic Water Valve and Box	11	Each	\$355.00	\$ 3,905.00	14.00	127.27%	\$ 4,970.00
57	Fire Hydrant to Be Removed	4	Each	\$555.00	\$ 2,220.00	2.00	50.00%	\$ 1,110.00
58	Fire Hydrant	6	Each	\$3,255.00	\$ 19,530.00	3.00	50.00%	\$ 9,765.00
59	Paint Pavement Marking- Line, 24", White	96.0	Ft.	\$3.95	\$ 379.20	0.00	0.00%	\$ -
60	Paint Pavement Marking- Line, 6", White	526.0	Ft.	\$2.20	\$ 1,157.20	0.00	0.00%	\$ -
61	Paint Pavement Marking- Line, 6", Yellow	60.0	Ft.	\$2.20	\$ 132.00	0.00	0.00%	\$ -
62	Paint Pavement Marking- Line, 4", Yellow	1739.0	Ft.	\$1.40	\$ 2,434.60	0.00	0.00%	\$ -
63	Paint Pavement Marking- Line, 4", White	455.0	Ft.	\$1.40	\$ 637.00	0.00	0.00%	\$ -
64	Paint Pavement Marking- Letters and Symbols, White	63.0	S.F.	\$3.30	\$ 207.90	0.00	0.00%	\$ -
65	Project Sign	2	Each	\$300.00	\$ 600.00	2.00	100.00%	\$ 600.00
66	Traffic Control and Protection	1	L.S.	\$14,000.00	\$ 14,000.00	0.30	30.00%	\$ 4,200.00
67	Orifice Outlet	1	Each	\$2,550.00	\$ 2,550.00	0.00	0.00%	\$ -
Total Cost of Construction					\$ 1,351,531.70		21.29%	\$ 287,804.53

CHANGE ORDERS					
Description	Quantity	Unit	Price	Amount	
				\$	-
				\$	-
Total:				\$	-

PREVIOUS PAYMENTS			
	Payment	Amount	
	1	\$	133,444.02
	2	\$	-
	3	\$	-
	4	\$	-
	5	\$	-
Total:		\$	133,444.02

PAYMENT SUMMARY	
Total Amount of Work Completed to Date =	\$ 287,804.53
+ Change Orders =	\$ -
Total Amount Earned to Date =	\$ 287,804.53
Retained Percentage (10%) =	\$ 28,780.45
Total amount Earned Less Retained Percentage =	\$ 259,024.08
- Total Previous Payments =	\$ 133,444.02
TOTAL AMOUNT THIS PAYMENT =	\$ 125,580.06

Recommended for payment:


City Engineer
Date: 10/31/13

CRI Project	Account	Total
2691	Wastewater 506-619346-56311-2691000	\$25,586.10
2691	Water 502-619356-56310-2691000	\$0.00
2691	Streets 301-616316-56301-2691223	\$99,993.96