

**Memorandum
Public Works Department**



To: City Manager
Subject: 23rd Avenue Reconstruction: 12th Street to 17th Street, Project 2691
Date: January 17, 2014
Number: 2014-014

Brandt Construction Company is due payment #4 for the 23rd Avenue Reconstruction: 12th Street to 17th Street, Project 2691 for services provided from December 4, 2013 through December 31, 2013.

Recommendation

The Public Works Department recommends that the City Council approve the payment to Brandt Construction Company, in the amount of \$109,382.19.

Vendor: Brandt Construction Company
Payment Amount: \$109,382.19

| | | | |
|--------------|-------|--|---------------|
| Fund: | 506 | Wastewater Operation and Maintenance | (\$ 5,200.78) |
| Department: | 619 | Utilities Maintenance | |
| Cost Center: | 346 | Wastewater Collection Maintenance | |
| Object Code: | 56311 | Wastewater Systems Improvements | |
| Project: | 2691 | 23 rd Avenue Reconstruction: 12 th Street to 17 th Street | |

| | | | |
|--------------|-------|--|---------------|
| Fund: | 501 | Water Operation and Maintenance | (\$ 5,516.84) |
| Department: | 619 | Utilities Maintenance | |
| Cost Center: | 356 | Water Distribution Maintenance | |
| Object Code: | 56310 | Water Systems Improvements | |
| Project: | 2691 | 23 rd Avenue Reconstruction: 12 th Street to 17 th Street | |

| | | | |
|--------------|-------|--|---------------|
| Fund: | 301 | Capital Improvements | (\$98,664.57) |
| Department: | 616 | Municipal Services | |
| Cost Center: | 316 | Special Assessments | |
| Object Code: | 56301 | Streets/Alleys | |
| Project: | 2691 | 23 rd Avenue Reconstruction: 12 th Street to 17 th Street | |
| Grant: | 223 | Gaming | |

Requisition Number: R004375

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

Approved by: Thomas Thomas, City Manager

PAY ESTIMATE #4

FOR THE PERIOD FROM 12/4/13 to 12/31/13

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

Date: January 9, 2014

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 | 730.00 | 34.53% | \$ 14,965.00 |
| 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 | 1608.10 | 48.76% | \$ 32,966.05 |
| 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 | 60.00 | 162.16% | \$ 9,000.00 |
| 6 | Pavement Removal | 9178.0 | S.Y. | \$9.00 | \$ 82,602.00 | 2775.00 | 30.24% | \$ 24,975.00 |
| 7 | Portland Cement Concrete Pavement (Jointed), 7" (With Integral Curb) | 8814.0 | S.Y. | \$38.00 | \$ 334,932.00 | 2634.20 | 29.89% | \$ 100,099.60 |
| 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 | 6.00 | 100.00% | \$ 246.00 |
| 10 | Combination Concrete Curb And Gutter, Type M-6.18 (Modified) | 6.0 | Ft. | \$77.00 | \$ 462.00 | 6.00 | 100.00% | \$ 462.00 |
| 11 | Driveway Pavement Removal | 393.0 | S.Y. | \$13.00 | \$ 5,109.00 | 270.90 | 68.93% | \$ 3,521.70 |
| 12 | Portland Cement Concrete Driveway Pavement, 6" | 503.0 | S.Y. | \$51.25 | \$ 25,778.75 | 189.40 | 37.65% | \$ 9,706.75 |
| 13 | Sidewalk Removal | 8605.0 | S.F. | \$1.00 | \$ 8,605.00 | 815.20 | 9.47% | \$ 815.20 |
| 14 | Portland Cement Concrete Sidewalk, 4" | 10385.0 | S.F. | \$4.80 | \$ 49,848.00 | 2008.20 | 19.34% | \$ 9,639.36 |
| 15 | Portland Cement Concrete Pedestrian Curb Ramp, 6" | 1623.0 | S.F. | \$13.00 | \$ 21,099.00 | 77.40 | 4.77% | \$ 1,006.20 |
| 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 | 5.00 | 26.32% | \$ 650.00 |
| 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 | 2.00 | 66.67% | \$ 950.00 |
| 23 | Catch Basins, Single, With New Frame and Type C Grate | 15 | Each | \$1,855.00 | \$ 27,825.00 | 4.00 | 26.67% | \$ 7,420.00 |
| 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 | 1.00 | 25.00% | \$ 480.00 |
| 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 | 4.00 | 57.14% | \$ 14,900.00 |
| 28 | Manholes, Type A, 5' Diameter, With New Frame and Lid | 2 | Each | \$5,625.00 | \$ 11,250.00 | 2.00 | 100.00% | \$ 11,250.00 |
| 29 | Manholes, Type A, 4' Diameter, With New Frame and Lid, Drop | 1 | Each | \$5,925.00 | \$ 5,925.00 | 2.00 | 200.00% | \$ 11,850.00 |
| 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 | 513.00 | 62.33% | \$ 31,549.50 |
| 34 | Storm Sewer, PVC, 36" | 433.0 | Ft. | \$119.50 | \$ 51,743.50 | 436.00 | 100.69% | \$ 52,102.00 |
| 35 | Sewer Removal | 1082.0 | Ft. | \$5.25 | \$ 5,680.50 | 500.00 | 46.21% | \$ 2,625.00 |
| 36 | Sanitary Sewer, Pressure Class, Service Laterals | 80.0 | Ft. | \$44.25 | \$ 3,540.00 | 74.30 | 92.88% | \$ 3,287.78 |
| 37 | Sanitary Sewer, PVC, 8" | 1018.0 | Ft. | \$53.00 | \$ 53,954.00 | 1018.00 | 100.00% | \$ 53,954.00 |
| 38 | Sanitary Service Connection | 13 | Each | \$465.00 | \$ 6,045.00 | 13.00 | 100.00% | \$ 6,045.00 |
| 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 | 2306.80 | 61.78% | \$ 23,068.00 |
| 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% | \$ - |

PAY ESTIMATE #4
FOR THE PERIOD FROM 12/4/13 to 12/31/13

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

Date: January 9, 2014

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 | \$ 2,434.80 | 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 | 0.40 | 40.00% | \$ 5,600.00 |
| 67 | Orifice Outlet | 1 | Each | \$2,550.00 | \$ 2,550.00 | 0.00 | 0.00% | \$ - |
| Total Cost of Construction | | | | | \$ 1,351,531.70 | | 42.52% | \$ 574,671.34 |

CHANGE ORDERS

| Description | Quantity | Unit | Price | Amount |
|---|----------|------|------------|-------------|
| 1) Temporary Surface Placement at 14th Street (T&M) | 1 | LS | \$6,033.63 | \$ 6,033.63 |
| Total: | | | | \$ 6,033.63 |

PREVIOUS PAYMENTS

| Payment | Amount |
|---------|---------------|
| 1 | \$ 133,444.02 |
| 2 | \$ 125,580.06 |
| 3 | \$ 183,263.45 |
| 4 | \$ - |
| 5 | \$ - |
| Total: | \$ 442,287.53 |

PAYMENT SUMMARY

| | |
|--|----------------------|
| Total Amount of Work Completed to Date = | \$ 574,671.34 |
| + Change Orders = | \$ 6,033.63 |
| Total Amount Earned to Date = | \$ 580,704.97 |
| Retained Percentage (5%) = | \$ 29,035.25 |
| Total amount Earned Less Retained Percentage = | \$ 551,669.72 |
| - Total Previous Payments = | \$ 442,287.53 |
| TOTAL AMOUNT THIS PAYMENT = | \$ 109,382.19 |

Recommended for payment:


City Engineer
1/15/2015
Date

| CRI Project | Account | Total |
|-------------|----------------------------------|-------------|
| 2691 | Sewer 506-619346-56311-2691000 | \$5,200.78 |
| 2691 | Water 501-619356-56310-2691000 | \$5,516.84 |
| 2691 | Streets 301-616316-56301-2691223 | \$98,664.57 |

R 004375

2014-014
2013-251