

**PINE AT THE PRESERVES  
SOUTHWEST CORNER OF 37TH ST. AND OMAHA  
INFRASTRUCTURE INVENTORY  
BROKEN ARROW, OKLAHOMA**

Prepared By: sjb

Date: 6/20/18

| Description                                        | Units | Quantity | Unit Price | Extension           |
|----------------------------------------------------|-------|----------|------------|---------------------|
| <b>SANITARY SEWER</b>                              |       |          |            |                     |
| 8" SDR 35                                          | LF    | 5,000.00 | \$30.00    | \$150,000.00        |
| 4' Manhole                                         | EA    | 23.00    | \$2,800.00 | \$64,400.00         |
| 4' Single Drop Manhole                             | EA    | 3.00     | \$3,200.00 | \$9,600.00          |
| 4' Dog House Drop Manhole                          | EA    | 2.00     | \$2,800.00 | \$5,600.00          |
| 8"x8"x4" Tee with Riser                            | EA    | 90.00    | \$220.00   | \$19,800.00         |
|                                                    |       |          |            | \$0.00              |
| <b>Total Cost of Sanitary Sewer Improvements =</b> |       |          |            | <b>\$249,400.00</b> |

|                                                 |    |        |            |                     |
|-------------------------------------------------|----|--------|------------|---------------------|
| <b>STORM WATER</b>                              |    |        |            |                     |
| 15" HP                                          | LF | 83.00  | \$40.00    | \$3,320.00          |
| 15" HDPE                                        | LF | 344.00 | \$35.00    | \$12,040.00         |
| 18" HP                                          | LF | 294.00 | \$46.00    | \$13,524.00         |
| 18" HDPE                                        | LF | 433.00 | \$41.00    | \$17,753.00         |
| 24" HP                                          | LF | 347.00 | \$58.00    | \$20,126.00         |
| 24" HDPE                                        | LF | 517.00 | \$48.00    | \$24,816.00         |
| 30" HP                                          | LF | 82.00  | \$71.00    | \$5,822.00          |
| 30" HDPE                                        | LF | 133.00 | \$56.00    | \$7,448.00          |
| 4' Manhole                                      | EA | 10.00  | \$3,100.00 | \$31,000.00         |
| 15" PCES                                        | EA | 5.00   | \$1,200.00 | \$6,000.00          |
| 24" Slope Wall w/Dissipaters                    | EA | 1.00   | \$3,400.00 | \$3,400.00          |
| 30" Slope Wall w/Dissipaters                    | EA | 1.00   | \$4,200.00 | \$4,200.00          |
| 2'x4' BA Inlet                                  | EA | 5.00   | \$4,800.00 | \$24,000.00         |
| Over 3'                                         | VF | 21.52  |            | \$0.00              |
| 2'x8' BA Inlet                                  | EA | 2.00   | \$5,500.00 | \$11,000.00         |
| Over 3'                                         | VF | 1.75   |            | \$0.00              |
| 3'x4' BA Inlet w/Manhole                        | EA | 1.00   | \$5,200.00 | \$5,200.00          |
| Over 3'                                         | VF | 2.64   |            |                     |
| 3' x 6' BA Inlet w/Manhole                      | EA | 1.00   | \$5,700.00 | \$5,700.00          |
| Over 3'                                         | VF | 4.73   |            |                     |
| 3' x 8' BA Inlet Manhole                        | EA | 1.00   | \$6,000.00 | \$6,000.00          |
| Over 3'                                         | VF | 3.43   |            |                     |
| C350 Erosion Control Mat                        | SY | 47.00  | \$15.00    | \$705.00            |
| <b>Total Cost of Storm Sewer Improvements =</b> |    |        |            | <b>\$202,054.00</b> |

|                             |    |          |            |             |
|-----------------------------|----|----------|------------|-------------|
| <b>WATER</b>                |    |          |            |             |
| 10"x8" Tapping Sleeve Valve | EA | 2.00     | 5500       | \$11,000.00 |
| 8" C900                     | LF | 2,384.00 | 25         | \$59,600.00 |
| 6" C900                     | LF | 3,895.00 | 21.8       | \$84,911.00 |
| 8"x8"x8" Tee                | EA | 2.00     | 350        | \$700.00    |
| 8"x8"x6" Tee                | EA | 5.00     | \$3,550.00 | \$17,750.00 |
| 6" 11.25 Bend               | EA | 3.00     | \$250.00   | \$750.00    |
| 6"x6"x6" Tee                | EA | 1.00     | \$320.00   | \$320.00    |

|                                           |    |       |            |                     |
|-------------------------------------------|----|-------|------------|---------------------|
| 6" 22.5 Bend                              | EA | 8.00  | \$250.00   | \$2,000.00          |
| 6" 45 Degree Bend                         | EA | 51.00 | \$250.00   | \$12,750.00         |
| 8" 11.25 Bend                             | EA | 4.00  | \$280.00   | \$1,120.00          |
| 8" 22.5 Bend                              | EA | 3.00  | \$280.00   | \$840.00            |
| 8" 45 Degree Bend                         | EA | 12.00 | \$280.00   | \$3,360.00          |
| 8" 90 Degree Bend                         | EA | 4.00  | \$300.00   | \$1,200.00          |
| 6" Plug                                   | EA | 2.00  | \$225.00   | \$450.00            |
| 8"x6" Reducer                             | EA | 2.00  | \$250.00   | \$500.00            |
| 6" Gate Valve                             | EA | 12.00 | \$780.00   | \$9,360.00          |
| 8" Gate Valve                             | EA | 16.00 | \$1,100.00 | \$17,600.00         |
| Valve Box                                 | EA | 28.00 | \$50.00    | \$1,400.00          |
| 3-Way Fire Hydrant                        | EA | 6.00  | \$3,100.00 | \$18,600.00         |
| 6" Eclipse 9400 Flushing Hydnt            | EA | 1.00  | \$3,100.00 | \$3,100.00          |
| Long Service (Conduit Only)               | EA | 5.00  | \$700.00   | \$3,500.00          |
| Air Relief Valve                          | EA | 3.00  | \$2,200.00 | \$6,600.00          |
| 6" Bell Joint Restraints                  | EA | 61.00 | \$75.00    | \$4,575.00          |
| 8" Bell Joint Restraints                  | EA | 23.00 | \$105.00   | \$2,415.00          |
| <b>Total Cost of Water Improvements =</b> |    |       |            | <b>\$264,401.00</b> |

#### PAVING

|                                            |    |           |         |                     |
|--------------------------------------------|----|-----------|---------|---------------------|
| Fine Grade                                 | SY | 16,659.00 | \$0.90  | \$14,993.10         |
| 8" Fly Ash                                 | SY | 16,659.00 | \$6.00  | \$99,954.00         |
| 2'2" Curb N Gutter Concrete                | LF | 8,110.00  | \$13.00 | \$105,430.00        |
| 2" Type B Asphalt                          | SY | 13,135.00 | \$7.55  | \$99,169.25         |
| 5.5" Type A Asphalt                        | SY | 13,135.00 | \$18.00 | \$236,430.00        |
| 5' Concrete Sidewalk                       | SY | 959.00    | \$28.00 | \$26,852.00         |
|                                            |    |           |         | \$0.00              |
| <b>Total Cost of Paving Improvements =</b> |    |           |         | <b>\$582,828.35</b> |

**Total Cost of Constructed Improvements = \$1,298,683.35**