

CITY OF BROKEN ARROW
NASHVILLE STREET - PHASE I
CONSTRUCTION COST ESTIMATE

Date: 10/30/2017 (Revised 12/14/17)
Engineer: KDS
Type: Preliminary (Enter: Planning, Conceptual, Preliminary, Final, Actual)
Year: 2017
Horizon: 1 (Enter: 1 - 1 Yr, 2 Yr; 2 - 2 Yr, 5 Yr, 3 - 5 Yr, 10 Yr)
Annual Inflation: 2.50%
Contingency: 15.00%

| Pay Item Description | Units | Quantity | Unit Cost | Unit Cost Contingency | Extension |
|---------------------------------------|-------|-----------|-------------|--------------------------|---------------------|
| Roadway | | | | | |
| Right of Way Clearing and Restoration | LS | 1.00 | \$20,000.00 | \$23,000.00 | \$23,000.00 |
| Excavation | CY | 5,000.00 | \$15.00 | \$17.25 | \$86,250.00 |
| Borrow | CY | 1,000.00 | \$20.00 | \$23.00 | \$23,000.00 |
| Sediment/Stormwater/Dust Control | LS | 1.00 | \$25,000.00 | \$28,750.00 | \$28,750.00 |
| Topsoil and Sodding | SY | 3,000.00 | \$6.00 | \$6.90 | \$20,700.00 |
| Concrete Pavement (8") | SY | 5,000.00 | \$60.00 | \$69.00 | \$345,000.00 |
| Aggregate Base Type A | CY | 1,800.00 | \$35.00 | \$40.25 | \$72,450.00 |
| Sugrade Method B | SY | 6,500.00 | \$3.00 | \$3.45 | \$22,425.00 |
| 6" Concrete Curb | LF | 3,000.00 | \$18.00 | \$20.70 | \$62,100.00 |
| Separator Fabric | SY | 7,500.00 | \$2.00 | \$2.30 | \$17,250.00 |
| ST29-4'x3' RCI W/MH | EA | 4.00 | \$4,500.00 | \$5,175.00 | \$20,700.00 |
| Inlet (SMD Type I) | EA | 1.00 | \$4,000.00 | \$4,600.00 | \$4,600.00 |
| 18" RCP, Class III | LF | 750.00 | \$60.00 | \$69.00 | \$51,750.00 |
| Type 4A Culvert End Treatment | EA | 1.00 | \$2,000.00 | \$2,300.00 | \$2,300.00 |
| Class AA Concrete | CY | 100.00 | \$500.00 | \$575.00 | \$57,500.00 |
| Reinforcing Steel | LBS | 10,000.00 | \$1.50 | \$1.73 | \$17,300.00 |
| Type I Plain Rip Rap | TONS | 10.00 | \$400.00 | \$460.00 | \$4,600.00 |
| Mobilization | LS | 1.00 | \$45,000.00 | \$51,750.00 | \$51,750.00 |
| Signage | LS | 1.00 | \$7,500.00 | \$8,625.00 | \$8,625.00 |
| Staking | LS | 1.00 | \$20,000.00 | \$23,000.00 | \$23,000.00 |
| Stripping | LF | 10,000.00 | \$1.50 | \$1.73 | \$17,300.00 |
| Modular Block Retaining Wall | SF | 400.00 | \$30.00 | \$34.50 | \$13,800.00 |
| | | | | Sub-Total = | \$974,150.00 |
| Utilities | | | | | |
| C900 12" PVC | LF | 1,400.00 | \$50.00 | \$57.50 | \$80,500.00 |
| Fittings | EA | 12.00 | \$750.00 | \$862.50 | \$10,350.00 |
| 3-Way Fire Hdrant Assembly | EA | 3.00 | \$3,500.00 | \$4,025.00 | \$12,075.00 |
| | | | | Sub-Total = | \$102,925.00 |

| | | |
|------|---------------------------|----------------|
| 2017 | Total Construction Cost = | \$1,077,075.00 |
| 2018 | Total Construction Cost = | \$1,104,000.00 |
| 2019 | Total Construction Cost = | \$1,131,600.00 |