

**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