



PRELIMINARY OPINION OF PROBABLE COSTS
EAST NASHVILLE STREET
City of Broken Arrow
11/1/2017

Roadway Items	Quantity	Unit	Unit Cost	Item Cost
Earthwork				
Right-of-Way Clearing and Restoring	4.88	AC	\$8,000	\$39,040
Excavation	3,200	CY	\$15	\$48,000
Borrow	3,200	CY	\$20	\$64,000
Sediment Control	4.88	AC	\$8,000	\$39,040
Roadside Development				
Topsoil & Turf Development	12,165	SY	\$6	\$72,991
Pavement (Conc., Tack Coat, Prime Coat, etc...)				
E. Nashville Street Paved Section (44'-0" Wide at Intersection & 32'-0" Wide Remainder)	2,600	LF		
PC Concrete for Pavement (8" Depth)	2,282	CY	\$140	\$319,480
Dowel Jointed PCC Pavment Placement	10,269	SY	\$30	\$308,070
Agg Base Type A	2,698	CY	\$50	\$134,898
Subgrade Method B	12,141	SY	\$3	\$36,422
Concrete Curb (6" Barrier Curb and Gutter)	5,081	LF	\$25	\$127,016
Retaining Wall	200	SY	\$300	\$60,000
Roadway Drainage				
MANHOLE 4' (DIA.)	2	EA	\$2,000	\$4,000
MANHOLE 5' (DIA.)	5	EA	\$3,000	\$15,000
ST29-4 RECESSED CURB INLET (4' OPENING)	5	EA	\$2,500	\$12,500
ST29-4 REC.CURB INLET W/ MANHOLE (4' OPENING)	3	EA	\$3,600	\$10,800
ST29-8 REC.CURB INLET W/ MANHOLE (8' OPENING)	1	EA	\$6,200	\$6,200
INLET CDI RCP DES. 1	3	EA	\$2,500	\$7,500
INLET CDI RCP DES. 2	2	EA	\$3,000	\$6,000
18" R.C. PIPE CLASS III	1,006	LF	\$55	\$55,335
24" R.C. PIPE CLASS III	222	LF	\$75	\$16,638
30" R.C. PIPE CLASS III	676	LF	\$85	\$57,461
36" R.C. PIPE CLASS III	187	LF	\$110	\$20,518
TYPE A4 CULVERT END TREATMENT	2	EA	\$1,000	\$2,000
TYPE D4 CULVERT END TREATMENT	1	EA	\$1,750	\$1,750
Subtotal Roadway Items:				\$1,465,000
Roadway Contingency	15%			\$220,000
Total Roadway Items:				\$1,685,000

Utility				Quantity	Unit	Unit Cost	Item Cost
Water							
SEE WATERLINE ESTIMATE							\$315,000
Subtotal Utility Items:							\$315,000
Utility Contingency				10%			\$32,000
Total Utility Items:							\$347,000
Construction Cost							Item Cost
Total Roadway Items							\$1,685,000
Total Utility Items							\$347,000
Total Construction Cost:							\$2,032,000