

**NORTH ROSE BUSINESS PARK
E OF NE CORNER ELM PLACE & KENOSHA STREET
INFRASTRUCTURE INVENTORY
BROKEN ARROW, OKLAHOMA**

Prepared By: tkr
Date:6/21/18

Description	Units	Quantity	Unit Price	Extension
PAVING R&L CONSTRUCTION				
Fine Grading	SY	4,467	\$1.50	\$6,700.50
8" Concrete Paving	SY	3,301	\$29.05	\$95,894.05
Bermuda Sod	SY	934	\$2.75	\$2,568.50
Concrete Sidewalk	SY	805	\$32.00	\$25,760.00
6" Barrier Curb & Gutter	LF	1,506	\$10.75	\$16,189.50
Recessed Curb Inlets	EA	6	\$3,695.00	\$22,170.00
Lime Stabilization	SY	3,280	\$6.00	\$19,680.00
Total Cost of Paving Improvements =				\$188,962.55

STORM SEWER R&L CONSTRUCTION				
ROW Clearing	SY	1,006	\$3.08	\$3,098.48
Excavation and Backfill	CY	691	\$3.08	\$2,128.28
18" Reinforced Concrete Pipe Cla	LF	439	\$46.00	\$20,194.00
18" DIP Class 51	LF	8	\$169.25	\$1,354.00
24" Reinforced Concrete Pipe Cla	LF	506	\$60.00	\$30,360.00
30" Reinforced Concrete Pipe Cla	LF	20	\$72.00	\$1,440.00
36" Reinforced Concrete Pipe Cla	LF	6	\$84.00	\$504.00
42" Reinforced Concrete Pipe Cla	LF	150	\$106.00	\$15,900.00
4' Concrete Trickle Channel	LF	265	\$18.50	\$2,775.00
4' ID Manhole Structure 8	EA	0	\$1,128.00	\$0.00
5' ID Manhole Structure 4 & 9	EA	0	\$2,050.00	\$0.00
8' ID Manhole Structure 5	EA	0	\$5,638.00	\$0.00
Special Headwall 30"	EA	0	\$1,845.00	\$0.00
24" Slopewall Structure 2	EA	0	\$1,845.00	\$0.00
42" Slopewall Structure 3	EA	1	\$3,587.50	\$3,587.50
36" Precast End Section Structure	EA	0	\$1,537.50	\$0.00
24" Slopewall Dissipator		0	\$2,767.50	\$0.00
Detention Control Structure		1	\$3,690.00	\$3,690.00
18" SDI Type 2 inlet "p"	EA	0	\$2,870.00	\$0.00
24" SDI Type 2 inlets "m", "n" & "o"	EA	1	\$3,280.00	\$3,280.00
Total Cost of Storm Improvements =				\$88,311.26

SANITARY SEWER R&L CONSTRUCTION				
ROW Clearing & Restoring	LF	1,244	\$3.08	\$3,831.52
Excavation & Backfill	CY	922	\$3.08	\$2,839.76
Pipe, Polyvinyl Chloride (PVC)	LF	1,244	\$39.61	\$49,274.84
Std. 4' ID Manhole	EA	12	\$2,050.00	\$24,600.00
4' ID Drop Manhole	EA	1	\$2,357.50	\$2,357.50
Std 4' ID Manhole Extra Depth	LF	15	\$179.40	\$2,691.00
4' ID Drop Manhole Extra Depth	LF	8	\$282.00	\$2,256.00
Connections to existing Pipes	EA	2	\$1,538.00	\$3,076.00
8" x 4" In-line Tee & Plug	EA	11	\$129.00	\$1,419.00

Total Cost of Sanitary Sewer Improvements = \$92,345.62

WATER

R&L CONSTRUCTION

ROW Clearing & Restoring	LF	2,252	\$3.08	\$6,936.16
Excavation & Backfill	CY	1,043	\$3.08	\$3,212.44
Pipe, Ductile Iron Pipe (DIP)	LF	14	\$35.88	\$502.32
Pipe, Polyvinyl Chlorida (PVC)	LF	2,252	\$31.80	\$71,613.60
Fitting, Cast Iron 8"x6" Tee	EA	9	\$216.00	\$1,944.00
Fitting, Cast Iron 8"x8" Tee	EA	1	\$441.00	\$441.00
Fitting, Cast Iron 8" 45 Degree Be	EA	11	\$180.00	\$1,980.00
Fitting, Cast Iron 8" 90 Degree Be	EA	3	\$353.00	\$1,059.00
Connections 10"	EA	2	\$513.00	\$1,026.00
6" Gate Valve	EA	8	\$820.00	\$6,560.00
8" Gate Valve	EA	3	\$1,640.00	\$4,920.00
3-Way Fire Hydrant	EA	9	\$3,417.00	\$30,753.00
10"x8" Tapping Sleeve & Valve	EA	2	\$2,565.00	\$5,130.00
Std Valve Box	EA	13	\$103.00	\$1,339.00
Std Valve Box Extension	EA	1	\$52.00	\$52.00

Total Cost of Water Improvements \$137,468.52

Total Cost of Constructed Improvements = \$507,087.95