

Preliminary Opinion of Cost

20613300 : CTA Project Number
Redstone Ranch - Offsite Sewer (SB-2021-00001) : Project Name
October 7, 2021: Date



Crafton Tull
architecture | engineering

Offsite Sanitary Sewer Improvements

Unit	Item	Unit Cost	Qty	Total Cost
L.F.	24" Sanitary Sewer Pipe 24"	\$128.00	1444 1450	\$184,832.00
L.F.	15" Sanitary Sewer Pipe	\$63.00	4610 4590	\$290,430.00
EA.	Manhole - Complete 0-6' Deep	\$4,200.00	26	\$109,200.00
V.F.	Extra Depth Manhole Wall	\$180.00	269	\$48,420.00
EA.	4" on 15" Wye	\$750.00	47	\$35,250.00
EA.	4" on 1/8" Bend	\$11.50	47	\$540.50
L.F.	4" Riser Pipe	\$8.00	722	\$5,776.00
L.F.	6-8' Trench	\$34.00	65	\$2,210.00
L.F.	8-10' Trench	\$13.00	431	\$5,603.00
L.F.	10-12' Trench	\$15.50	386	\$5,983.00
L.F.	12-14' Trench	\$18.00	1108	\$19,944.00
L.F.	14-16' Trench	\$28.75	1426	\$40,997.50
L.F.	16-18' Trench	\$32.00	1143	\$36,576.00
L.F.	18-20' Trench	\$40.75	637	\$25,957.75
L.F.	20-22' Trench	\$56.00	347	\$19,432.00
L.F.	22-24' Trench	\$89.50	195	\$17,452.50
L.F.	24-26' Trench	\$112.00	250	\$28,000.00
C.Y.	Crushed Rock Bedding	\$39.00	1462	\$57,018.00
C.Y.	Sand Backfill	\$30.00	27	\$810.00
C.Y.	Type 'A' Backfill	\$60.00	120	\$7,200.00
L.F.	Bore & Steel Encasement for 15" Main	\$735.00	66	\$48,510.00
L.F.	Steel Encasement for 21" Main	\$230.00	60	\$13,800.00
S.Y.	Remove & Replace Concrete Cart Path	\$95.00	20	\$1,900.00
L.S.	Leakage Testing	\$4,500.00	1	\$4,500.00
L.S.	Deflection Testing	\$3,650.00	1	\$3,650.00
L.S.	Manhole Testing	\$6,500.00	1	\$6,500.00
SUB-TOTAL OFFSITE SANITARY SEWER IMPROVEMENTS				\$1,020,492.25

Portion to be paid by the City of OKC

L.F.	\$3.00/inch DIAMETER OVER 8" - 21"	\$39.00	1444	\$56,316.00
L.F.	\$3.00/inch DIAMETER OVER 8" - 15"	\$21.00	4610	\$96,840.00
SUB-TOTAL				\$153,156.00

LF	\$3.00/INCH DIAMETER OVER 8"-21" (24" INSTALLED BUT NOT REQUIRED)	\$39.00	1,450	\$56,550.00
LF	\$3.00/INCH DIAMETER OVER 8"-15"	\$21.00	4,590	\$96,390.00
SUB-TOTAL				\$152,940.00