



New Longview Lot 44  
 Project No.: 018-1095  
 May 24, 2018  
 For: City of Lee's Summit

# Opinion of Probable Cost Public Cost Estimate Based on Final Development Plans

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
<b>GRADING</b>				
Common Excavation	39.00	C.Y.	\$3.50	\$136.50
Embankment	1166.00	C.Y.	\$1.90	\$2,215.40
Subgrade Stabilization ( 4" rock w/fabric )	35.30	S.Y.	\$6.00	\$211.80
Subgrade Stabilization ( 6" rock w/fabric )	1810.81	S.Y.	\$6.75	\$12,222.97
<b>Subtotal</b>				<b>\$14,786.67</b>
<b>PAVEMENT</b>				
6" Asphalt	1488.16	S.Y.	\$21.00	\$31,251.36
7" Reinforced Concrete	35.30	S.Y.	\$64.25	\$2,268.03
<b>Subtotal</b>				<b>\$33,519.39</b>
<b>CURBS, SIDEWALKS &amp; DRIVES</b>				
<b>Curb and Gutter</b>				
Curb & Gutter ( Type CG-1 )	941.60	L.F.	\$15.00	\$14,124.00
Concrete Sidewalks ( 5' Wide )	188.56	L.F.	\$21.00	\$3,959.76
Concrete Sidewalks ( 6' Wide )	435.66	L.F.	\$26.00	\$11,327.16
Concrete Sidewalks ( 10' Wide )	67.92	L.F.	\$38.00	\$2,580.96
Curb Ramps with Detectable Warning	1.00	Ea.	\$1,200.00	\$1,200.00
<b>Subtotal</b>				<b>\$33,191.88</b>
<b>STORM SEWERS</b>				
<b>High Density Polyethylene Pipe</b>				
15" HDPE	173.95	L.F.	\$40.00	\$6,958.00
<b>Structures</b>				
<b>Manholes</b>				
Nyloplast Drain Basin	1.00	Ea.	\$3,000.00	\$3,000.00
<b>Curb Inlets</b>				
Nyloplast 2' x 2'	2.00	Ea.	\$3,200.00	\$6,400.00
Nyloplast 2' x 3'	2.00	Ea.	\$3,300.00	\$6,600.00
<b>Miscellaneous</b>				
Connect to Existing Pipe	3.00	Ea.	\$2,000.00	\$6,000.00
<b>Subtotal</b>				<b>\$28,958.00</b>
<b>SANITARY SEWERS</b>				
<b>Laterals</b>				
4" Pipe	140.00	L.F.	\$30.00	\$4,200.00
<b>Service Line Connections (Wyes, Bends, Risers)</b>				
6" Mains	1.00	Ea.	\$125.00	\$125.00
<b>Manholes</b>				
4' dia. ( 0'-12' deep )	1.00	Ea.	\$3,750.00	\$3,750.00
<b>Subtotal</b>				<b>\$8,075.00</b>
<b>WATER LINES</b>				
<b>Mains</b>				
1.5" Type K Copper	23.02	L.F.	\$10.00	\$230.20
6" C900 PVC	102.60	L.F.	\$36.00	\$3,693.60

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
Bends				
6" Mains with Trust Block	2.00	Ea.	\$206.00	\$412.00
Tees				
8"x6" Tee with Trust Block	1.00	Ea.	\$430.00	\$430.00
8" Solid Sleeves	2.00	Ea.	\$242.00	\$484.00
Gate Valves	1.00	Ea.	\$755.00	\$755.00
1" Water Meter	1.00	Ea.	\$300.00	\$300.00
Double Check Detector Backflow Preventor and Vault	1.00	Ea.	\$12,000.00	\$12,000.00
			<b>Subtotal</b>	<b>\$18,304.80</b>
<b>EROSION CONTROL</b>				
Vehicle Tracking Device	1.00	Ea.	\$2,300.00	\$2,300.00
Inlet Protection	7.00	Ea.	\$125.00	\$875.00
Silt Fence	919.77	L.F.	\$2.00	\$1,839.54
			<b>Subtotal</b>	<b>\$5,014.54</b>
<b>MISCELLENIOUS</b>				
Seed & Mulch	0.28	Ac.	\$1,850.00	\$518.00
			<b>Subtotal</b>	<b>\$518.00</b>
			<b>GRAND TOTAL</b>	<b>\$142,368.27</b>

Final construction costs may be impacted by input from local, state, and federal regulatory authorities. Estimate does not include state or federal regulatory permit fees or potential mitigation cost for stream and wetland impacts.

Construction costs are subject to unit cost increases due to inflation and market factors beyond control of or unknown to consultant at time of estimate.

We do not guarantee that our opinions will not differ materially from negotiated prices or bids. If assurances as to probable construction costs are desired, an independent estimator or contractor should be employed.