

DOWNTOWN LEE'S SUMMIT APARTMENTS						
ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST - Date 3-16-20						
	Item Description	Plan Quantity	x	Unit Price	=	Item Total
<b>Erosion and Sediment Control</b>						<b>\$19,200.00</b>
	Silt Fence	4,400	L.F.	\$1.75	=	\$7,700.00
	Construction Entrance 30'x60'	1	EA.	\$1,500.00	=	\$1,500.00
	Inlet Protection	40	EA.	\$250.00	=	\$10,000.00
<b>Earthwork</b>						<b>\$879,500.00</b>
	Strip Topsoil And Stockpile On-Site for Respread	1	L.S.	\$879,500.00	=	\$879,500.00
	Demo Existing Trees, Pavement, Curbs, and Sidewalks					
	Import Suitable Fill Material					
	Backfill Existing Basement					
	18" LVC under Building Pad					
	Backfill Building Walls with 3/4" clean rock					
	Mass Excavation and Backfilling of Retaining Walls					
	Site Cuts and Fills					
	Finish Grade to plus or minus 0.10 feet					
<b>Water Distribution</b>						<b>\$21,265.00</b>
	4" C-900 Domestic Water Main (Bored)	27	L.F.	\$125.00	=	\$3,375.00
	4" C-900 Domestic Water Main	75	L.F.	\$60.00	=	\$4,500.00
	8" C-900 Fire Line (Bored)	24	L.F.	\$150.00	=	\$3,600.00
	8" C-900 Fire Line	26	L.F.	\$80.00	=	\$2,080.00
	6" C-900 Water Main to Fire Hydrant (Bored)	24	L.F.	\$140.00	=	\$3,360.00
	8"x8"x6" Tee	1	EA.	\$350.00	=	\$350.00
	Private Fire Hydrants	1	EA.	\$4,000.00	=	\$4,000.00
<b>Storm Sewer (Public)</b>						<b>\$101,156.00</b>
	15" HDPE Storm Pipe	201	L.F.	\$44.00	=	\$8,844.00
	18" HDPE Storm Pipe	788	L.F.	\$49.00	=	\$38,612.00
	4'x4' Junction Box	3	EA.	\$4,000.00	=	\$12,000.00
	6'x4' Junction Box	1	EA.	\$5,000.00	=	\$5,000.00
	6'x4' Curb Inlet	4	EA.	\$4,500.00	=	\$18,000.00
	6'x6' Curb Inlet	1	EA.	\$5,500.00	=	\$5,500.00
	Connect to Existing Structure	2	EA.	\$1,500.00	=	\$3,000.00
	Inserta Tee	17	EA.	\$600.00	=	\$10,200.00
<b>Storm Sewer (Private)</b>						<b>\$214,149.00</b>
	8" HDPE Storm Pipe	1,928	L.F.	\$34.00	=	\$65,552.00
	10" HDPE Storm Pipe	335	L.F.	\$37.00	=	\$12,395.00
	12" HDPE Storm Pipe	86	L.F.	\$41.00	=	\$3,526.00
	15" HDPE Storm Pipe	179	L.F.	\$44.00	=	\$7,876.00
	4'x4' Junction Box	1	EA.	\$4,000.00	=	\$4,000.00
	8'x5' Outlet Structure	1	EA.	\$10,000.00	=	\$10,000.00
	30" Steel Casing Pipe	77	L.F.	\$250.00	=	\$19,250.00
	Flowable Fill	155	L.F.	\$150.00	=	\$23,250.00
	HDPE Fittings	80	EA.	\$250.00	=	\$20,000.00
	Trench Drain	22	L.F.	\$150.00	=	\$3,300.00
	Underground Detention System	1	L.S.	\$45,000.00	=	\$45,000.00
<b>Sanitary Sewer (Public)</b>						<b>\$195,416.00</b>
	8" PVC SDR 26 Sewer Pipe	687	L.F.	\$44.00	=	\$30,228.00
	10" PVC SDR 26 Sewer Pipe	40	L.F.	\$53.00	=	\$2,120.00
	48" Sanitary Sewer Manhole	6	EA.	\$4,500.00	=	\$27,000.00
	6" x 8" PVC Tee	1	EA.	\$100.00	=	\$100.00
	8" x 8" PVC Tee	1	EA.	\$110.00	=	\$110.00
	6" x 8" PVC Tee and Connect to Existing	2	EA.	\$500.00	=	\$1,000.00
	Flowable Fill	682	L.F.	\$125.00	=	\$85,250.00
	Street Repair	936	S.Y.	\$53.00	=	\$49,608.00
<b>Sanitary Sewer (Private)</b>						<b>\$12,072.00</b>
	6" PVC SDR 26 Sewer Pipe	148	L.F.	\$41.00	=	\$6,068.00
	8" PVC SDR 26 Sewer Pipe	41	L.F.	\$44.00	=	\$1,804.00
	6" Cleanout	3	EA	\$1,000.00	=	\$3,000.00
	8" Cleanout	1	EA	\$1,200.00	=	\$1,200.00
<b>Paving (In R/W)</b>						<b>\$129,863.00</b>
	Curb & Gutter	1,743	L.F.	\$17.50	=	\$30,502.50
	Concrete Entrance and Loading Zone Paving	2,235	S.F.	\$14.00	=	\$31,290.00
	Concrete Sidewalk	7,603	S.F.	\$5.50	=	\$41,816.50
	Concrete ADA Sidewalk Ramp	3	EA	\$1,500.00	=	\$4,500.00
	9 1/2" Asphalt Street Widening	253	S.Y.	\$38.00	=	\$9,614.00
	12" Aggregate Base Under Asphalt Widening	709	S.Y.	\$15.00	=	\$10,640.00
	Striping	1	L.S	\$1,500.00	=	\$1,500.00
<b>Paving (Private)</b>						<b>\$267,183.00</b>
	Concrete Sidewalk	9,864	S.F.	\$5.50	=	\$54,252.00
	Handrail at Stairs	287	L.F.	\$100.00	=	\$28,700.00
	Retaining Wall	4,967	S.F.	\$33.00	=	\$163,911.00
	Handrail on Top of Retaining Walls	254	L.F.	\$80.00	=	\$20,320.00
<b>Traffic Signal Modifications (Public)</b>						<b>\$15,457.00</b>
	See attached Estimate by Jeff Wilke for itemization	1	L.S.	\$15,457.00	=	\$15,457.00
	<b>Total</b>					<b>\$1,855,261.00</b>



12/11/2019

**2ND STREET AND SE MAIN STREET - LEE'S SUMMIT**  
**TRAFFIC SIGNAL MODIFICATION**  
**OPINION OF PROBABLE COST**

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST	TOTAL QUANTITY	TOTAL COST
1	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	\$ 1,000.00	2	\$ 2,000.00
2	POLE BASE, TYPE C	EA	\$ 900.00	2	\$ 1,800.00
3	REMOVE AND RELOCATE SIGNAL PEDESTAL POLE	EA	\$ 1,500.00	2	\$ 3,000.00
4	PULL BOX, PREFORMED CLASS 1	EA	\$ 1,250.00	1	\$ 1,250.00
5	CONDUIT, 3 IN. HDPE	LF	\$ 25.00	40	\$ 1,000.00
6	CONDUIT, 4 IN. HDPE	LF	\$ 50.00	60	\$ 3,000.00
7	CABLE, 6 AWG BARE COPPER	LF	\$ 1.50	110	\$ 165.00
8	CABLE, 14 AWG 2 CONDUCTOR	LF	\$ 3.00	360	\$ 1,080.00
9	CABLE, 14 AWG 5 CONDUCTOR	LF	\$ 4.00	358	\$ 1,432.00
11	PEDESTRIAN PUSHBUTTON	EA	\$ 250.00	2	\$ 500.00
12	PEDESTRIAN CROSSING SIGN	SF	\$ 40.00	2	\$ 80.00
13	GROUND ROD	EA	\$ 75.00	2	\$ 150.00
				TOTAL	\$ 15,457.00

