



**Preliminary Cost Estimate
Old Plantersville Road Off-Site Force Main
City of Montgomery
Red Bird Meadows Development**

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>ITEM TOTAL</u>
<u>UNIT A: SITE PREPARATION</u>				
1 Move-in and start up including all permits, performance and payment. (includes clearing & grubbing)	1	LS	\$10,000	\$10,000
			SUBTOTAL, UNIT A	\$10,000
<u>UNIT B: SANITARY COLLECTION SYSTEM</u>				
1 6-inch (6") Force Main (Open Cut)	3895	LF	\$ 40	\$ 155,800
2 6-inch (6") Force Main (Trenchless)	805	LF	95	77,000
3 6-inch (6") Force Main (Trenchless with 10" Steel Casing)	200	LF	225	45,000
4 Air Release Valve and Manhole	1	EA	12,000	12,000
5 Corrosion Resistent Discharge Manhole	1	EA	15,000	15,000
6 Connect proposed 6 - inch (6") Force Main to Manhole	1	EA	1,500	1,500
7 Stormwater Pollution Prevention	1	LS	10,000	10,000
8 Site Restoration	1	LS	25,000	25,000
9 Traffic Control	1	LS	15,000	15,000
10 Trench Safety System	3895	LF	\$ 1	\$ 4,000
			SUBTOTAL, UNIT B	\$342,000
			Subtotal	\$ 352,000
			Contingency (10%)	\$ 35,000
			Preliminary and Design Phase	\$ 50,000
			Construction Administration	\$ 20,000
			Field Project Representation	\$ 20,000
			Additional Services & Reimbursable Expenses ⁽³⁾	\$ 70,000
			Easement Acquisition	\$ 15,000
			TOTAL COST	\$ 562,000

Notes:
(1) All values rounded up to the nearest thousand.
(2) This estimate is based on my best judgement as a design professional familiar with the construction industry. We cannot and do not guarantee that bids will not vary from this cost estimate.
(3) This includes topographic survey, construction staking, geotechnical investigation, construction materials testing, review fees, reproduction, advertising expenses, coordination and fees associated with BNSF railroad crossing, and other miscellaneous reimbursable costs.