



941 W 141st Terrace, Suite A
Kansas City, MO 64145
(816) 770-0400



ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Project: The Grove at Lee's Summit - Mass Grading and Stormwater Plans

Date: February 2, 2018

No.	Bid Item	Units	Quantity	Unit Cost	Total Cost
1	Site Clearing	ACRES	53.55	\$1,500	\$80,325
2	Cut/Fill Rotation with Scraper	CY	166,903	\$4	\$667,612
3	Basin Outlet Control Structure (15' x 10')	EA	1	\$20,000	\$20,000
4	Junction Box (15' x 4')	EA	2	\$15,000	\$30,000
5	Junction Box (9' x 8')	EA	1	\$4,800	\$4,800
6	Junction Box (6' x 9')	EA	1	\$4,800	\$4,800
7	Junction Box (6' x 7')	EA	1	\$4,500	\$4,500
8	Junction Box (6' x 6')	EA	1	\$4,300	\$4,300
9	Junction Box (5.5' x 4')	EA	2	\$4,300	\$8,600
10	Area Inlet (5' x 5')	EA	1	\$4,200	\$4,200
11	Culvert Headwall (4' x 5')	EA	1	\$4,000	\$4,000
12	RCB Bend (4' x 5')	EA	1	\$2,500	\$2,500
13	42" Polypropylene Pipe	LF	1,100	\$75	\$82,500
14	48" Polypropylene Pipe	LF	168	\$85	\$14,280
15	Concrete Box Culvert (4' x 5')	LF	138	\$1,400	\$193,200
16	48" HDPE Pipe	LF	313	\$75	\$23,475
17	36" HDPE Pipe	LF	212	\$65	\$13,780
18	42" Reinforced Concrete Flared End Section	EA	1	\$1,500	\$1,500
19	48" Reinforced Concrete Flared End Section	EA	2	\$1,500	\$3,000
20	Rip Rap Energy Dissipater	SY	216	\$50	\$10,800
21	RCB End Section (4' x 5')	EA	1	\$2,500	\$2,500
22	Shoofly	EA	1	\$10,000	\$10,000
23	Demolition of Existing Culvert beneath SE 16th St	LUMP	1	\$5,000	\$5,000
24	Landscaping Groundcover	SY	3,642	\$5	\$18,210
25	Flexamat Erosion Control Mat	SY	2,354	\$15	\$35,310
26	Erosion & Sediment Control	ACRES	53.55	\$1,500	\$80,325
27	Watermain Relocation (along SE 16th Street)	LF	185	\$80	\$14,800
28	Temporary Stabilization	ACRES	27	\$1,000	\$27,000
	Total Cost				\$1,371,317

Note: The costs shown on this estimate represent an estimate of probable costs prepared in good faith and with reasonable care. Anderson Engineering Inc. has no control over the costs of construction labor, materials, or equipment, nor over competitive bidding or negotiating methods and does not make any commitment or assume any duty to assure that bids or negotiated prices will not vary from this estimate. This estimate does not include costs for right-of-way, utility relocation, and engineering administration.