

ENGINEER'S ESTIMATE FOR THE GROVE MASS GRADING PLANS

Item No.	Description	Unit	Approx. Unit Quantity	Unit Price	Unit Total
1	Site Clearing	ACRES	53.55	\$1,500.00	\$80,325.00
2	Cut/Fill Rotation with Scraper	CY	166,903	\$4.00	\$667,612.00
3	Basin Outlet Control Structure (15' x 10')	EA	1	\$20,000.00	\$20,000.00
4	Junction Box (15' x 4')	EA	2	\$15,000.00	\$30,000.00
5	Junction Box (9' x 8')	EA	1	\$4,800.00	\$4,800.00
6	Junction Box (6' x 9')	EA	1	\$4,800.00	\$4,800.00
7	Junction Box (6' x 7')	EA	1	\$4,500.00	\$4,500.00
8	Junction Box (6' x 6')	EA	1	\$4,300.00	\$4,300.00
9	Junction Box (5.5' x 4')	EA	2	\$4,300.00	\$8,600.00
10	Area Inlet (5' x 5')	EA	1	\$4,200.00	\$4,200.00
11	Culvert Headwall (4' x 5')	EA	1	\$4,000.00	\$4,000.00
12	RCB Bend (4' x 5')	EA	1	\$2,500.00	\$2,500.00
13	42" Polypropylene Pipe	LF	1100	\$75.00	\$82,500.00
14	48" Polypropylene Pipe	LF	168	\$85.00	\$14,280.00
15	Concrete Box Culvert (4' x 5')	LF	138	\$1,400.00	\$193,200.00
16	48" HDPE Pipe	LF	313	\$75.00	\$23,475.00
17	36" HDPE Pipe	LF	212	\$65.00	\$13,780.00
18	42" Reinforced Concrete Flared End Section	EA	1	\$1,500.00	\$1,500.00
19	48" Reinforced Concrete Flared End Section	EA	2	\$1,500.00	\$3,000.00
20	Rip Rap Energy Dissipater	SY	216	\$50.00	\$10,800.00
21	RCB End Section (4' x 5')	EA	1	\$2,500.00	\$2,500.00
22	Shoofly	EA	1	\$10,000.00	\$10,000.00
23	Demolition of Existing Culvert beneath SE 16th St	LUMP	1.00	\$5,000.00	\$5,000.00
24	Landscaping Groundcover	SY	3,642.00	\$5.00	\$18,210.00
25	Flexamat Erosion Control Mat	SY	2,354.00	\$15.00	\$35,310.00
26	Erosion & Sediment Control	ACRES	53.55	\$1,500.00	\$80,325.00
27	Watermain Relocation (along SE 16th Street)	LF	185.00	\$80.00	\$14,800.00
28	Temporary Stabilization	ACRES	27.00	\$1,000.00	\$27,000.00
29	16th Street Repair	LS	1	\$10,000.00	\$10,000.00
30	Water Valves	EA	2	\$650.00	\$1,300.00
31	Water Encasement	EA	45	\$90.00	\$4,050.00
	Total Cost				\$1,386,667.00

GBA
architects
engineers

9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
www.gbateam.com