



November 1, 2019

Mr. Tyler Mitchell
Baldwin County Highway Department, Construction Manager
P.O. Box 220
Silverhill, AL 36576

RE: Engineer's Itemized Cost Estimate Certification
Hawthorn Subdivision, Unit 6

Dear Mr. Mitchell:

Please find attached, the Engineer's Itemized Cost Estimate for Hawthorn Subdivision, Unit 6. The estimate is for the roadway and drainage material and labor within the right-of-way and easements/common area for this development. I hereby certify that the staimate is accurate to the best of my knowledge and belief. The total for roadway and drainage work for this development is estimated to be \$276,000.

If you have any questions or require additional information please let us know.

Respectfully Submitted,
BARTON & SHUMER ENGINEERING, LLC

David M. Shumer, P.E.
Alabama P.E. No. 24109

Hawthorn Subdivision, Unit 6

Baldwin County, Alabama

Roadway & Drainage Improvements

No.	Item	Unit	Quantity	Unit Cost	Item Cost
1	MOBILIZATION	EA	1	\$14,250.00	\$14,250.00
2	SILT FENCE	LF	1140	\$5.00	\$5,700.00
3	SILT FENC CHK DAM	EA	28	\$75.00	\$2,100.00
4	CONST ENTRANCE	EA	1	\$1,800.00	\$1,800.00
5	SEEDING & MULCHING	AC	10	\$750.00	\$7,500.00
6	UNCLASSIFIED EXCAVATION	CY	11400	\$2.50	\$28,500.00
7	SAND SUB BASE	CY	5070	\$4.00	\$20,280.00
8	SAND CLAY BASE	CY	2230	\$4.00	\$8,920.00
9	FINE GRADE SAND CLAY BASE	SY	8110	\$1.50	\$12,165.00
10	DITCH GRADING	SY	12550	\$1.00	\$12,550.00
11	30" HDPE	LF	164	\$30.00	\$4,920.00
12	36" HDPE	LF	152	\$50.00	\$7,600.00
13	SLOPE PAVED HEADWALL	EA	4	\$800.00	\$3,200.00
14	RIP RAP, CL2 w/ FILTER BLANKET	TN	130	\$22.00	\$2,860.00
15	PRIME COAT	SY	5310	\$2.50	\$13,275.00
16	BIT WEARING @ 220 LB/SY	SY	5310	\$18.00	\$95,580.00
17	SOLID SODDING	SY	8500	\$4.00	\$34,000.00
18	STREET/STOP SIGNS	LS	1	\$800.00	\$800.00

Estimate of Total Roadway & Drainage Cost = \$276,000.00



Digitally signed by
David M. Shumer
Date: 2019.11.04
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