

**L. E. STIFFLER, Engineer, LLC**  
**309 West Laurel Avenue**  
**Foley, Alabama 36535**

**855-943-8501**  
**251-262-2474 (FAX)**  
**randy@lesengr.com**

04 December 2019

Baldwin County Planning and Zoning  
22070 Highway 59  
Robertsdale, AL 36567

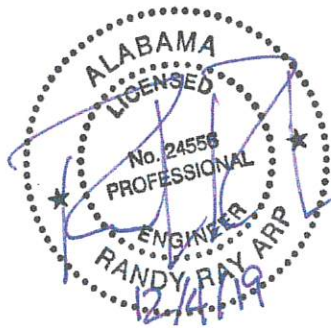
RE: Silver Lake Bond Estimate

The attached estimate is based on contracts and item pricing. The total estimate for the bond valuation is \$249,879. In my qualified opinion it accurately reflects the costs of the subdivision improvements.

Please see the itemize estimate attached.

Sincerely,

Randy R. Arp P.E.  
Alabama 24556



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Seth Peterson, P.E. Permit/Subdivision Manager  
 Baldwin County Highway Department - Permit Division

RE: Silver Lake Bond Estimate (Exh. A)

Item	Quantity	Unit	Installed Cost
Roadway Undercut	*	n/a	27,938.00
Lower 4" Sand/Clay Base	*	n/a	9,900.00
Upper 4" Sand/Clay Base	*	n/a	9,900.00
Asphalt Wearing Surface	*	n/a	44,540.00
Curb and Gutter	*	n/a	34,710.00
Concrete Inlet Basin Covers	6	n/a	18,000.00
Loose Rip Rap, Class 2	*	n/a	1,216.00
30" CCP & Headwall	*	n/a	15,714.00
Subtotal From Final Contract			161,918.00
Catch Basin Inlet Boxes (no covers)	6	ea	15,000.00
Culvert Headwalls	10	ea	13,500.00
15" Reinforced Concrete Pipe	40	LF	1,600.00
18" Reinforced Concrete Pipe	336	LF	18,480.00
24" Reinforced Concrete Pipe	160	LF	11,200.00
18" CCP	342	LF	13,680.00
15" CCP	300	LF	10,500.00
Weir Outlet	1	ea	4,000.00
Subtotal from Initial Work			87,960.00
Total Estimate			249,879.00
Engineers Bond Estimate (2yrs @ 40%)			99,951.60

Randy R. Arp P.E.  
 Alabama 24556



\* Licensed Professional Engineer \* Planner \* Construction Manager \* Job #160321