

PROJECT DESCRIPTION

Problem Area #7. Construction detention Pond at Jonesboro High School and between churches. Replace 200' of box culvert coming under Highland

**OPTION/ALTERNATIVE DESCRIPTION**

See attached description

Description of Costs	Quantity	Unit	Unit Price Avg	Total
Drainage Improvements				
Removal of Culvert	200	LF	\$80.00	\$16,000.00
4'x6' Box Culvert	200	LF	\$750.00	\$150,000.00
Ditch Improv./Stabil	200	LF	\$45.00	\$9,000.00
New Inlet	1	EA	\$4,500.00	\$4,500.00
Headwall	1	EA	\$8,500.00	\$8,500.00

Storage (High School Detention Area)

Earthwork - Cut	40,000	CY	\$8.00	\$320,000.00
Earthwork - Fill	500	CY	\$12.00	\$6,000.00
Inlet Structure	1	EA	\$8,500.00	\$8,500.00
Hydro-Seeding	3.3	AC	\$2,500.00	\$8,250.00
Outlet Structure	1	EA	\$25,000.00	\$25,000.00
Improvements to Area	1	LS	\$147,000.00	\$147,000.00
Turf Reinforced Mat	800	SY	\$15.00	\$12,000.00
French Drain	350	LF	\$15.00	\$5,250.00
Erosion Control	1	LS	\$3,500.00	\$3,500.00
Headwalls	3	EA	\$3,000.00	\$9,000.00
Driveway	45	SY	\$100.00	\$4,500.00
Re-route 24" RCP	60	LF	\$60.00	\$3,600.00

Storage (Church Pond)

Earthwork - Cut	13,500	CY	\$8.00	\$108,000.00
Earthwork - Fill	1500	CY	\$12.00	\$18,000.00
Inlet Structure	1	EA	\$8,500.00	\$8,500.00
Hydro-Seeding	3.3	AC	\$2,500.00	\$8,250.00
Outlet Structure	1	EA	\$25,000.00	\$25,000.00
Sewer Line rerouting	950	LF	\$75.00	\$71,250.00
Sewer Manholes	6	EA	\$3,000.00	\$18,000.00
Demo Sewer	530	LF	\$10.00	\$5,300.00
Turf Reinforced Mat	1000	SY	\$15.00	\$15,000.00
Erosion Control	1	LS	\$3,500.00	\$3,500.00

Street Work (Highland Street)

Street Excavation	60	SY	\$20.00	\$1,200.00
Street Repair	60	SY	\$70.00	\$4,200.00
Traffic Control	1	LS	\$3,000.00	\$3,000.00

SUB-TOTAL (CONSTRUCTION COSTS)**\$1,029,800.00**

8% of construction cost:	\$82,384.00
Preliminary Engineering	\$5,970.00
Engineering Design	\$60,000.00
Sewer Rerouting Design	\$12,500.00
TOTAL ENGINEERING FEES PROPOSED:	\$78,470.00

SSRE is asking for less than 8%: \$78,470 < \$82,384