

**SANITARY SEWER MAIN, LATERAL AND MANHOLE REHABILITATION
AND REPAIRS IN THE CITY OF FOLEY'S SOUTHEAST QUADRANT**

PRELIMINARY OPINION OF PROBABLE COST

City of Foley, Alabama
May 2016

Prepared by the Utilities Board of the City of Foley, Alabama (d.b.a. Riviera Utilities)

ITEM NO.	ESTIMATED QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
MISCELLANEOUS					
1	1	LS	Mobilization/Demobilization (Not to Exceed 3%)	\$ 25,000.00	\$ 25,000.00
2	1	LS	Traffic Control	\$ 8,000.00	\$ 8,000.00
3	1	LS	Geotechnical Testing Allowance	\$ 10,000.00	\$ 10,000.00
EXISTING SERVICE LATERAL REPLACEMENT - OPEN-CUT CONSTRUCTION					
4	2,000	CYIP	Sand or Sand-Clay Backfill	\$ 12.00	\$ 24,000.00
5	100	LF	Silt Fence	\$ 5.00	\$ 500.00
6	20	EA	Hay Bales	\$ 10.00	\$ 200.00
7	250	SY	Final Grassing for Erosion Control	\$ 4.00	\$ 1,000.00
8	250	SY	Mulching	\$ 4.00	\$ 1,000.00
9	50	SY	Solid Sod	\$ 6.00	\$ 300.00
10	20	LF	Removing and Resetting Existing Fencing	\$ 30.00	\$ 600.00
11	600	SY	Removing and Preparing Crushed Stone Base for Flexible Pavement	\$ 27.50	\$ 16,500.00
12	650	SY	Bituminous Wearing Surface for Patch Surfacing	\$ 40.00	\$ 26,000.00
13	100	SY	Removing and Replacing Concrete Driveways, Sidewalk, Ditches, Etc.	\$ 60.00	\$ 6,000.00
14	10	LF	Removing and Replacing Concrete Curb & Gutter	\$ 30.00	\$ 300.00
15	120	EA	New Service Lateral Reconnection to CIPP-Lined Main	\$ 400.00	\$ 48,000.00
16	1	EA	New Service Lateral Reconnection to Manhole	\$ 1,200.00	\$ 1,200.00
17	2,000	LF	4" PVC SS Service Lateral Pipe and Fittings	\$ 18.00	\$ 36,000.00
18	10	LF	6" PVC SS Service Lateral Pipe and Fittings	\$ 41.00	\$ 410.00
19	157	EA	4" PVC Cleanout	\$ 300.00	\$ 47,100.00
20	1	EA	6" PVC Cleanout	\$ 500.00	\$ 500.00
EXISTING SERVICE LATERAL TRENCHLESS REHABILITATION - CURED-IN-PLACE PIPE (CIPP) LINING					
21	37	EA	CIPP Rehabilitation at the Lateral to Main Connection	\$ 2,500.00	\$ 92,500.00
22	1,300	LF	CIPP Lateral Rehabilitation from Main to Cleanout	\$ 38.00	\$ 49,400.00
EXISTING SANITARY SEWER MAIN TRENCHLESS REHABILITATION - CURED-IN-PLACE PIPE (CIPP) LINING					
23	20	HR	Bypass Pumping (Main Diameter 8" Through 12")	\$ 50.00	\$ 1,000.00
24	120	HR	Bypass Pumping (Main Diameter 15" Through 21")	\$ 200.00	\$ 24,000.00
25	22,920	LF	Television Inspection	\$ 1.00	\$ 22,920.00
26	15,180	LF	8" CIPP (Felt) Mainline Rehabilitation (6.0 mm)	\$ 20.00	\$ 303,600.00
27	530	LF	10" CIPP (Felt) Mainline Rehabilitation (6.0 mm)	\$ 22.00	\$ 11,660.00
28	1,890	LF	12" CIPP (Felt) Mainline Rehabilitation (7.5 mm)	\$ 24.00	\$ 45,360.00
29	5,120	LF	15" CIPP (Felt) Mainline Rehabilitation (7.5 mm)	\$ 35.00	\$ 179,200.00
30	200	LF	21" CIPP (Felt) Mainline Rehabilitation (10.5 mm)	\$ 56.00	\$ 11,200.00
31	17,600	LF	Sanitary Sewer Mainline Cleaning (8" through 12")	\$ 1.25	\$ 22,000.00
32	5,300	LF	Sanitary Sewer Mainline Cleaning (15" and Larger)	\$ 3.00	\$ 15,900.00
33	16	EA	Remove Protruding Service	\$ 150.00	\$ 2,400.00
34	210	EA	Service Reinstatement	\$ 100.00	\$ 21,000.00
35	15	EA	Dye Testing to Locate Active Service Connection	\$ 50.00	\$ 750.00
EXISTING SANITARY SEWER MANHOLE REHABILITATION - COOROSION-RESISTANT CEMENTITIOUS LINING					
36	270	VF	48" Dia. Sanitary Sewer Manhole Rehabilitation	\$ 125.00	\$ 33,750.00
37	5	CF	Concrete for Rebuilding Manhole Bench & Invert	\$ 150.00	\$ 750.00
CONSTRUCTION ESTIMATE TOTAL					\$ 1,090,000.00

SOURCE OF FUNDS

\$	450,000.00	39%	FROM CDBG
\$	690,000.00	61%	FROM CITY OF FOLEY
\$	1,140,000.00	100%	TOTAL FUNDING

CONSTRUCTION TOTAL	\$ 1,090,000.00
ADMINISTRATION	\$ 50,000.00
TOTAL PROJECT	\$ 1,140,000.00