
APPENDIX A DETAILED OPINION OF PROBABLE COST, CENTRALIZED ALTERNATIVES

SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
 OPINION OF PROBABLE COST
 SHAFTSBURY VILLAGE CENTRALIZED SERVICE AREA COLLECTION SYSTEM

Refer to Service Area Identified on Centralized Sewer Exhibit.

Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	900	LF	\$45	\$40,500	
2	4-Inch Sewer Service to Edge of Right of Way	370	LF	\$40	\$14,800	
3	Sewer Manholes	3	EA	\$3,000	\$9,000	
4	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	195	SY	\$40	\$7,800	Includes driveway and road crossings
5	Rock Excavation	23	CY*	\$80	\$1,840	
6	15% CONTINGENCY				\$11,085	
TOTAL CONSTRUCTION COST - BUCK HILL ROAD SERVICE AREA					\$85,000	

Refer to Service Area Identified on Centralized Sewer Exhibit.

Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,400	LF	\$45	\$63,000	
2	4-Inch Sewer Service to Edge of Right of Way	310	LF	\$40	\$12,400	
3	Sewer Manholes	6	EA	\$3,000	\$18,000	
4	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	210	SY	\$40	\$8,400	Includes driveway and road crossings
5	Rock Excavation	35	CY*	\$80	\$2,800	
6	15% CONTINGENCY				\$15,680	
TOTAL CONSTRUCTION COST - CHURCH ST.					\$120,000	

Refer to Service Area Identified on Centralized Sewer Exhibit.

Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	3,000	LF	\$45	\$135,000	
2	4-Inch Sewer Service to Edge of Right of Way	1,330	LF	\$40	\$53,200	
3	Sewer Manholes	11	EA	\$3,000	\$33,000	
4	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	765	SY	\$40	\$30,600	Includes driveway and road crossings
5	Rock Excavation	75	CY*	\$80	\$6,000	
6	15% CONTINGENCY				\$36,670	
TOTAL CONSTRUCTION COST - CLEVELAND AVE. SERVICE AREA					\$296,000	

Refer to Service Area Identified on Centralized Sewer Exhibit.

Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,800	LF	\$45	\$81,000	
2	4-Inch Sewer Service to Edge of Right of Way	930	LF	\$40	\$37,200	
3	Sewer Manholes	6	EA	\$3,000	\$18,000	
4	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	510	SY	\$40	\$20,400	Includes driveway and road crossings
5	Rock Excavation	45	CY*	\$80	\$3,600	
6	15% CONTINGENCY				\$24,030	
TOTAL CONSTRUCTION COST - SYCAMORE LN. SERVICE AREA					\$184,000	

SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
 OPINION OF PROBABLE COST
 SHAFTSBURY VILLAGE CENTRALIZED SERVICE AREA COLLECTION SYSTEM

Route 7A (South) Description: Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	3,450	LF	\$45	\$155,250	
2	4-Inch Sewer Service to Edge of Right of Way (Open Cut)	540	LF	\$40	\$21,600	
3	Bored 4-Inch Sewer Service Under State Roadway	570	LF	\$150	\$85,500	
4	6-Inch Sewer Service to Edge of Right of Way	10	LF	\$50	\$500	Elementary School
5	Sewer Manholes	13	EA	\$3,000	\$39,000	
6	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	410	SY	\$40	\$16,400	Includes driveway and road crossings
7	Rock Excavation	86	CY*	\$80	\$6,900	
8	15% CONTINGENCY				\$48,773	
TOTAL CONSTRUCTION COST - ROUTE 7A (SOUTH) SERVICE AREA					\$374,000	

Shaftsbury Village Pumpstation and Forcemain (Shared w/ above service areas) Description: Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	Pumpstation #3	1	EA	\$200,000	\$200,000	
2	4" Diameter sewer force main	8,950	LF	\$35	\$313,250	
3	Directional Bore (4" Dia. F.M.)	300	LF	\$200	\$60,000	
4	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	300	SY	\$40	\$12,000	Includes driveway and road crossings
5	Air Relief Valves and Manholes	4	EA	7,500	\$30,000	
6	Rock Excavation	224	CY*	\$80	\$17,900	
7	15% CONTINGENCY				\$94,973	
TOTAL CONSTRUCTION COST - SHAFTSBURY VILL. P.S. AND F.M. (SHARED W/ ABOVE SERVICE AREAS)					\$728,000	

Route 7A (East End of Daniels Rd.) Description: Refer to Service Area Identified on Centralized Sewer Exhibit						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	860	LF	\$45	\$38,700	
2	Directional Bore (4" Dia. F.M.) - Stream	150	LF	\$200	\$30,000	
3	4" Diameter sewer force main	1,315	LF	\$35	\$46,025	
4	4-Inch Sewer Service to Edge of Right of Way	80	LF	\$40	\$3,200	
5	Jack and Bore 4-Inch Sewer Service Under State Roadway	60	LF	\$150	\$9,000	
6	Sewer Manholes	3	EA	\$3,000	\$9,000	
7	Pump Station #2	1	LS	\$100,000	\$100,000	
8	Air Relief Valves and Manholes	2	EA	7,500	\$15,000	
9	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	75	SY	\$40	\$3,000	Includes driveway and road crossings
10	Rock Excavation	33	CY*	\$80	\$2,630	
11	15% CONTINGENCY				\$38,483	
TOTAL CONSTRUCTION COST - ROUTE 7A (EAST END OF DANIELS RD.) SERVICE AREA					\$295,000	

SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
 OPINION OF PROBABLE COST
 SHAFTSBURY VILLAGE CENTRALIZED SERVICE AREA COLLECTION SYSTEM

Route 7A (Airport Rd. to Bahan Rd.) Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	2,435	LF	\$45	\$109,575	
2	Directional Bore (4' Dia. F.M.) - Stream	150	LF	\$200	30,000	
3	4' Diameter sewer force main	1,250	LF	\$35	43,750	
4	4-Inch Sewer Service to Edge of Right of Way	100	LF	\$40	\$4,000	
5	Jack and Bore 4-Inch Sewer Service Under State Roadway	120	LF	\$150	\$18,000	
6	Sewer Manholes	8	EA	\$3,000	\$24,000	
7	Pump Station #1	1	LS	\$100,000	100,000	
8	Air Relief Valves and Manholes	2	EA	7,500	15,000	
9	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	60	SY	\$40	\$2,400	Includes driveway and road crossings
10	Rock Excavation	61	CY*	\$80	\$4,870	
11	15% CONTINGENCY				\$52,739	
TOTAL CONSTRUCTION COST - ROUTE 7A (AIRPORT RD. TO BAHAN RD.) SERVICE AREA					\$404,000	

Twitchell Hill Road Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,770	LF	\$45	\$79,650	
2	Bore 8-Inch Diameter Sanitary Sewer Across State Roadway	30	LF	\$300	\$9,000	
3	4-Inch Sewer Service to Edge of Right of Way	640	LF	\$40	\$25,600	
4	Sewer Manholes	6	EA	\$3,000	\$18,000	
5	Pump Station #6 - Int. of Rte. 67 and Twitchell Hill Rd.	1	LS	125,000	125,000	
6	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	340	SY	\$40	\$13,600	Includes driveway and road crossings
7	Rock Excavation	44	CY*	\$80	\$3,540	
8	15% CONTINGENCY				\$41,159	
TOTAL CONSTRUCTION COST - TWITCHELL HILL ROAD SERVICE AREA					\$316,000	

Route 67 to P.S. #4 Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	900	LF	\$45	\$40,500	
2	4' Diameter sewer force main	100	LF	\$35	3,500	
3	Bored 4-Inch Sewer Service Under State Roadway	50	LF	\$150	7,500	
4	4-Inch Sewer Service to Edge of Right of Way	100	LF	\$40	\$4,000	
5	Sewer Manholes	3	EA	\$3,000	\$9,000	
6	Pump Station #4	1	LS	100,000	\$100,000	
7	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	100	SY	\$40	\$4,000	Includes driveway and road crossings
8	Rock Excavation	23	CY*	\$80	\$1,800	
9	15% CONTINGENCY				\$25,545	
TOTAL CONSTRUCTION COST - ROUTE 67 TO P.S. #4 SERVICE AREA					\$196,000	

SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
 OPINION OF PROBABLE COST
 SHAFTSBURY VILLAGE CENTRALIZED SERVICE AREA COLLECTION SYSTEM

Route 67 (Bernstein to P.S. #5) Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-inch Diameter Sanitary Sewer	1,250	LF	\$45	\$56,250	
2	Bore 8-inch Diameter Sanitary Sewer Across Slate Roadway	30	LF	\$300	\$9,000	Bernstein, Display 8-inch service
3	4-inch Sewer Service to Edge of Right of Way	220	LF	\$40	\$8,800	
4	Bore 4-inch Sewer Service Under Slate Roadway	360	LF	\$150	\$54,000	
5	Sewer Manholes	4	EA	\$3,000	\$12,000	
6	Pump Station #5	1	LS	\$125,000	\$125,000	
7	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	110	SY	\$40	\$4,400	Includes driveway and road crossings
8	Rock Excavation				\$2,500	
9	15% CONTINGENCY	31	CY*	\$80	\$40,793	
TOTAL CONSTRUCTION COST - ROUTE 67 (BERNSTEIN TO P.S. #5) SERVICE AREA					\$313,000	

Harvest Hills/Hewitt Drive Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-inch Diameter Sanitary Sewer	3,800	LF	\$45	\$175,500	
2	4-inch Sewer Service to Edge of Right of Way	830	LF	\$40	\$33,200	
3	Sewer Manholes	15	EA	\$3,000	\$45,000	
4	Directional Bore (4" Dia. F.M.)	150	LF	\$200	\$30,000	
5	4" Diameter sewer force main	500	LF	\$35	\$17,500	
6	Pump Station #9	1	LS	\$100,000	\$100,000	
7	Pump Station #10	1	LS	\$125,000	\$125,000	
8	Air Relief Valves and Manholes	2	EA	7,500	15,000	
9	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	575	SY	\$40	\$23,000	Includes driveway and road crossings
10	Rock Excavation				\$7,800	
11	15% CONTINGENCY	98	CY*	\$80	\$85,800	
TOTAL CONSTRUCTION COST - HARVEST HILLS/HEWITT DRIVE (NORTH) SERVICE AREA					\$658,000	

SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
 OPINION OF PROBABLE COST
 SHAFTSBURY VILLAGE CENTRALIZED SERVICE AREA COLLECTION SYSTEM

Bank St. (North) Description: Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	600	LF	\$45	\$27,000	
2	4-Inch Sewer Service to Edge of Right of Way	100	LF	\$40	\$4,000	
3	Bore 4-Inch Sewer Service Under State Roadway	150	LF	\$150	\$22,500	
4	Sewer Manholes	2	EA	\$3,000	\$6,000	
5	Directional Bore (4" Dia. F.M.) - Stream	150	LF	\$200	\$30,000	
6	4" Diameter sewer force main	275	LF	\$35	9,625	
7	Pump Station #7	1	LS	100,000	\$100,000	
8	Air Relief Valves and Manholes	2	EA	7,500	15,000	
9	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	80	SY	\$40	\$3,200	Includes driveway and road crossings
10	Rock Excavation	15	CY*	\$80	\$1,200	
11	15% CONTINGENCY				\$32,779	
TOTAL CONSTRUCTION COST - BANK ST. (NORTH) SERVICE AREA					\$251,000	

Bank St. (South) Description: Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	840	LF	\$45	\$37,800	
2	4-Inch Sewer Service to Edge of Right of Way	130	LF	\$40	\$5,200	
3	Jack and Bore 4-Inch Sewer Service Under State Roadway	210	LF	\$150	\$31,500	
4	Sewer Manholes	3	EA	\$3,000	\$9,000	
5	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	90	SY	\$40	\$3,600	Includes driveway and road crossings
6	Rock Excavation	21	CY*	\$80	\$1,680	
7	15% CONTINGENCY				\$13,317	
TOTAL CONSTRUCTION COST - BANK ST. (SOUTH) SERVICE AREA					\$102,000	

Lamb Rd. Description: Refer to Service Area Identified on Centralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	2,825	LF	\$45	\$127,125	
2	4-Inch Sewer Service to Edge of Right of Way	220	LF	\$40	\$8,800	
3	Bore 4-Inch Sewer Service Under State Roadway	180	LF	\$150	\$27,000	
4	Sewer Manholes	8	EA	\$3,000	\$24,000	
5	4" Diameter sewer force main	625	LF	\$35	21,875	
6	Pump Station #8	1	LS	125,000	\$125,000	
7	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	200	SY	\$40	\$8,000	Includes driveway and road crossings
8	Rock Excavation	71	CY*	\$80	\$5,650	
9	15% CONTINGENCY				\$52,118	
TOTAL CONSTRUCTION COST - LAMB RD. SERVICE AREA					\$400,000	

APPENDIX B DETAILED OPINION OF PROBABLE COST, DECENTRALIZED ALTERNATIVES

**SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
OPINION OF PROBABLE COST
SHAFTSBURY VILLAGE DECENTRALIZED SERVICE AREA COLLECTION AND TREATMENT**

Hewitt Drive Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	500	LF	\$45	\$22,500	
2	4-Inch Sewer Service to Edge of Right of Way	120	LF	\$40	\$4,800	
3	Sewer Manholes	2	EA	\$3,000	\$6,000	
4	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$45,750	\$45,750	6 ERU's or 1,830 gpd
5	4" Diameter sewer force main	350	LF	\$35	12,250	
6	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	70	SY	\$40	\$2,800	Includes driveway and road crossin
7	Rock Excavation	13	CY*	\$80	\$1,000	
8	15% CONTINGENCY				\$14,265	
TOTAL CONSTRUCTION COST - HEWITT DRIVE SERVICE AREA					\$109,000	

Cleveland Ave. Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,750	LF	\$45	\$78,750	
2	4-Inch Sewer Service to Edge of Right of Way	550	LF	\$40	\$22,000	
3	Sewer Manholes	5	EA	\$3,000	\$15,000	
4	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$134,750	\$134,750	22 ERU's or 5,390 gpd
5	4" Diameter sewer force main	970	LF	\$35	33,950	
6	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	320	SY	\$40	\$12,800	Includes driveway and road crossin
7	Rock Excavation	44	CY*	\$80	\$3,500	
8	15% CONTINGENCY				\$45,113	
TOTAL CONSTRUCTION COST - CLEVELAND AVE. SERVICE AREA					\$346,000	

Twitchell Hill Rd. Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,450	LF	\$45	\$65,250	
2	4-Inch Sewer Service to Edge of Right of Way	300	LF	\$40	\$12,000	
3	Sewer Manholes	5	EA	\$3,000	\$15,000	
4	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$81,600	\$81,600	12 ERU's or 3,284 gpd
5	4" Diameter sewer force main	1,525	LF	\$35	53,375	
6	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	150	SY	\$40	\$6,000	Includes driveway and road crossin
7	Rock Excavation	36	CY*	\$80	\$2,900	
8	15% CONTINGENCY				\$35,419	
TOTAL CONSTRUCTION COST - TWITCHELL HILL RD. SERVICE AREA					\$272,000	

**SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
OPINION OF PROBABLE COST
SHAFTSBURY VILLAGE DECENTRALIZED SERVICE AREA COLLECTION AND TREATMENT**

Route 7A (South) Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,750	LF	\$45	\$78,750	
2	4-Inch Sewer Service to Edge of Right of Way (Open Cut)	100	LF	\$40	\$4,000	
3	Jack and Bore 4-Inch Sewer Service Under State Roadway	150	LF	\$150	\$22,500	Assume 30' for each road crossing
4	Sewer Manholes	7	EA	\$3,000	\$21,000	
5	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$125,000	\$125,000	5,000 gpd
6	4" Diameter sewer force main	1,650	LF	\$35	\$7,750	
7	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	80	SY	\$40	\$3,200	Includes driveway and road crossin
8	Rock Excavation			\$80	\$3,500	
9	15% CONTINGENCY	44	CY*		\$47,355	
TOTAL CONSTRUCTION COST - ROUTE 7A (TOWN HALL TO ELEM. SCHOOL) SERVICE AREA					\$363,000	

Route 7A (Airport to Bahan Rd.) Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	1,785	LF	\$45	\$80,325	
2	4-Inch Sewer Service to Edge of Right of Way (Open Cut)	100	LF	\$40	\$4,000	
3	Jack and Bore 4-Inch Sewer Service Under State Roadway	120	LF	\$150	\$18,000	Assume 30' for each road crossing
4	Sewer Manholes	6	EA	\$3,000	\$18,000	
5	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$160,000	\$160,000	6,400 gpd
6	Directional Bore (4" Dia. F.M.) - Stream	150	LF	\$200	\$30,000	
7	4" Diameter sewer force main	1,500	LF	\$35	\$52,500	
8	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	60	SY	\$40	\$2,400	Includes driveway and road crossin
9	Rock Excavation			\$80	\$3,570	
10	15% CONTINGENCY	45	CY*		\$55,319	
TOTAL CONSTRUCTION COST - ROUTE 7A (AIRPORT TO BAHAN RD.) SERVICE AREA					\$424,000	

Route 7A (East of Daniels Road) Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	825	LF	\$45	\$37,125	
2	4-Inch Sewer Service to Edge of Right of Way (Open Cut)	70	LF	\$40	\$2,800	
3	Jack and Bore 4-Inch Sewer Services and F.M. Under State Roadway	90	LF	\$150	\$13,500	Assume 30' for each road crossing
4	Sewer Manholes	3	EA	\$3,000	\$9,000	
5	Septic Tanks, Pumpstation and Disposal Area	1	LS	\$160,000	\$160,000	6,400 gpd
6	Directional Bore (4" Dia. F.M.) - Stream	150	LF	\$3	450	
7	4" Diameter sewer force main	775	LF	\$35	\$27,125	
8	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	65	SY	\$40	\$2,600	Includes driveway and road crossin
9	Rock Excavation			\$80	\$1,650	
10	15% CONTINGENCY	21	CY*		\$38,138	
TOTAL CONSTRUCTION COST - EAST OF DANIELS ROAD SERVICE AREA					\$292,000	

**SHAFTSBURY WASTEWATER IMPROVEMENT PROJECT
OPINION OF PROBABLE COST
SHAFTSBURY VILLAGE DECENTRALIZED SERVICE AREA COLLECTION AND TREATMENT**

Bank St. (North) Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	600	LF	\$45	\$27,000	
2	4-Inch Sewer Service to Edge of Right of Way	100	LF	\$40	\$4,000	
3	Bore 4-Inch Sewer Service Under State Roadway	150	LF	\$150	\$22,500	
4	Sewer Manholes	2	EA	\$3,000	\$6,000	
5	Directional Bore (4" Dia. F.M.) - Stream	150	LF	\$200	\$30,000	
6	4" Diameter sewer force main	275	LF	\$35	9,625	
7	Pump Station 7	1	LS	100,000	\$100,000	
8	Air Relief Valves and Manholes	2	EA	7,500	15,000	
9	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	80	SY	\$40	\$3,200	Includes driveway and road crossin
10	Rock Excavation	15	CY*	\$80	\$1,200	
11	15% CONTINGENCY				\$32,779	
TOTAL CONSTRUCTION COST - BANK ST. (NORTH) SERVICE AREA					\$251,000	

Bank St. (South) Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	840	LF	\$45	\$37,800	
2	4-Inch Sewer Service to Edge of Right of Way	130	LF	\$40	\$5,200	
3	Jack and Bore 4-Inch Sewer Service Under State Roadway	210	LF	\$150	\$31,500	
4	Sewer Manholes	3	EA	\$3,000	\$9,000	
5	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	90	SY	\$40	\$3,600	Includes driveway and road crossin
6	Rock Excavation	21	CY*	\$80	\$1,680	
7	15% CONTINGENCY				\$13,317	
TOTAL CONSTRUCTION COST - BANK ST. (SOUTH) SERVICE AREA					\$102,000	

Lamb Rd. Description: Refer to Service Area Identified on Decentralized Sewer Exhibit.						
Item No.	Description	Estimated Quantity	Units	Cost Per Unit	Amount	Notes
1	8-Inch Diameter Sanitary Sewer	2,825	LF	\$45	\$127,125	
2	4-Inch Sewer Service to Edge of Right of Way	220	LF	\$40	\$8,800	
3	Bore 4-Inch Sewer Service Under State Roadway	180	LF	\$150	\$27,000	
4	Sewer Manholes	8	EA	\$3,000	\$24,000	
5	4" Diameter sewer force main	625	LF	\$35	21,875	
6	Pump Station 8	1	LS	100,000	\$100,000	
7	Bituminous Concrete Pavement - Perm. Trench (Town R.O.W)	200	SY	\$40	\$8,000	Includes driveway and road crossin
8	Rock Excavation	71	CY*	\$80	\$5,650	
9	15% CONTINGENCY				\$48,368	
TOTAL CONSTRUCTION COST - LAMB RD. SERVICE AREA					\$371,000	