



INNOVATIVE IDEAS  
EXCEPTIONAL DESIGN  
UNMATCHED CLIENT SERVICE

Greater South Haven Drainage Study-  
Coventry, New South Haven and Salt Creek Valley Commons  
Porter County, Indiana

## APPENDIX III E – Project Opinions of Probable Cost

**APPENDIX III E**

**COVENTRY PROJECT: COV 1 - SOUTH AREA STORM SEWER REPLACEMENT**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
903	CLEARING AND GRUBBING	255	LFT	\$ 2	\$ 510		
904	HEAVY VEGETATION REMOVAL	1,291	LFT	\$ 5	\$ 6,455		
910	MANHOLE, REMOVE	13	EA	\$ 500	\$ 6,500		
911	CATCH BASIN / INLET, REMOVE	3	EA	\$ 300	\$ 900		
<b>STORM SEWER ITEMS</b>							
100	STORM SEWER, 12-IN (STRUCTURE BACKFILL)	345	LFT	\$ 80	\$ 27,600		
102	STORM SEWER, 18-IN (STRUCTURE BACKFILL)	1,075	LFT	\$ 105	\$ 112,875		
104	STORM SEWER, 24-IN (STRUCTURE BACKFILL)	593	LFT	\$ 125	\$ 74,125		
126	STORM SEWER, 30-IN (NATIVE BACKFILL)	208	LFT	\$ 128	\$ 26,624		
140	STORM MANHOLE, 4-FT DIA.	13	EA	\$ 5,000	\$ 65,000		
155	INLET & CASTING	3	EA	\$ 2,500	\$ 7,500		
161	END SECTION, 24- TO 30-IN	2	EA	\$ 1,000	\$ 2,000		
212	OUTLET PROTECTION	2	LS	\$ 5,000	\$ 10,000		
301	WATER QUALITY UNIT, <0.75 cfs TREATMENT RATE	1	EA	\$ 21,000	\$ 21,000		
<b>DETENTION BASINS</b>							
999	NOT USED						
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED						
<b>HARDSCAPE ITEMS</b>							
809	GEOGRID	675	SYD	\$ 3	\$ 2,025		
810	PAVEMENT REMOVAL & REPLACEMENT	675	SYD	\$ 30	\$ 20,250		
812	PAVEMENT SURFACE, 2 LANES	675	LFT	\$ 20	\$ 13,500		
821	HANDICAP RAMPS	7	EA	\$ 2,500	\$ 17,500		
<b>RESTORATION ITEMS</b>							
950	RESTORATION (LAWN AREAS)	0	LFT	\$ 5	\$ -		
<b>GENERAL ITEMS</b>							
1000	MAINTENANCE OF TRAFFIC				\$ 2,000		
1010	CONSTRUCTION ENGINEERING				\$ 4,000		
1020	EROSION CONTROL				\$ 5,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 21,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	450,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	140,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	590,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	150,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>740,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 2 - PONDS CLEANED AND OUTLET STABILIZATIONS**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>STORM SEWER ITEMS</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>DETENTION BASINS</b>							
195	OUTLET STRUCTURE	1	LS	\$ 15,000	\$ 15,000	(NORTH POND)	
200	CLEAN/RESTORE NORTH POND (COVENTRY)	1	LS	\$ 100,000	\$ 100,000		
201	CLEAN/RESTORE SOUTH POND (COVENTRY)	1	LS	\$ 100,000	\$ 100,000		
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>HARDSCAPE ITEMS</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>RESTORATION ITEMS</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>GENERAL ITEMS</b>							
1010	CONSTRUCTION ENGINEERING				\$ 1,000		
1020	EROSION CONTROL				\$ 5,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 11,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	230,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	70,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	300,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	80,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>380,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 3 - CROSS MEADOW SEWER REPLACEMENT AND EXTENSION**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
903	CLEARING AND GRUBBING	240	LFT	\$ 2	\$ 480		
904	HEAVY VEGETATION REMOVAL	674	LFT	\$ 5	\$ 3,370		
910	MANHOLE, REMOVE	3	EA	\$ 500	\$ 1,500		
911	CATCH BASIN / INLET, REMOVE	2	EA	\$ 300	\$ 600		
<b>STORM SEWER ITEMS</b>							
100	STORM SEWER, 12-IN (STRUCTURE BACKFILL)	57	LFT	\$ 80	\$ 4,560		
102	STORM SEWER, 18-IN (STRUCTURE BACKFILL)	249	LFT	\$ 105	\$ 26,145		
104	STORM SEWER, 24-IN (STRUCTURE BACKFILL)	195	LFT	\$ 125	\$ 24,375		
120	STORM SEWER, 12-IN (NATIVE BACKFILL)	674	LFT	\$ 64	\$ 43,136		
140	STORM MANHOLE, 4-FT DIA.	4	EA	\$ 5,000	\$ 20,000		
155	INLET & CASTING	2	EA	\$ 2,500	\$ 5,000		
<b>DETENTION BASINS</b>							
999	NOT USED						
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED						
<b>HARDSCAPE ITEMS</b>							
800	CURB AND GUTTER, REMOVE & REPLACE	465	LFT	\$ 30	\$ 13,950		
809	GEOGRID	670	SYD	\$ 3	\$ 2,010		
810	PAVEMENT REMOVAL & REPLACEMENT	670	SYD	\$ 30	\$ 20,100		
812	PAVEMENT SURFACE, 2 LANES	465	LFT	\$ 20	\$ 9,300		
817	SURFACE MILLING, 1 LANE	465	LFT	\$ 3	\$ 1,240		
820	DRIVEWAY REPLACEMENT	60	SYD	\$ 150	\$ 9,000		
<b>RESTORATION ITEMS</b>							
950	RESTORATION (LAWN AREAS)	1,280	LFT	\$ 5	\$ 6,400		
<b>GENERAL ITEMS</b>							
1000	MAINTENANCE OF TRAFFIC				\$ 2,000		
1010	CONSTRUCTION ENGINEERING				\$ 3,000		
1020	EROSION CONTROL				\$ 3,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 10,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	210,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	60,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	270,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	70,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>340,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 4 - COVENTRY COURT / FRIAR'S GREEN SEWER REPLACEMENT**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
903	CLEARING AND GRUBBING	710	LFT	\$ 2	\$ 1,420		
904	HEAVY VEGETATION REMOVAL	385	LFT	\$ 5	\$ 1,925		
910	MANHOLE, REMOVE	5	EA	\$ 500	\$ 2,500		
911	CATCH BASIN / INLET, REMOVE	5	EA	\$ 300	\$ 1,500		
<b>STORM SEWER ITEMS</b>							
100	STORM SEWER, 12-IN (STRUCTURE BACKFILL)	360	LFT	\$ 80	\$ 28,800		
102	STORM SEWER, 18-IN (STRUCTURE BACKFILL)	550	LFT	\$ 105	\$ 57,750		
124	STORM SEWER, 24-IN (NATIVE BACKFILL)	165	LFT	\$ 100	\$ 16,500		
140	STORM MANHOLE, 4-FT DIA.	5	EA	\$ 5,000	\$ 25,000		
155	INLET & CASTING	5	EA	\$ 2,500	\$ 12,500		
160	END SECTION, LESS THAN 24-IN	1	EA	\$ 500	\$ 500		
161	END SECTION, 24- TO 30-IN	1	EA	\$ 1,000	\$ 1,000		
212	OUTLET PROTECTION	2	LS	\$ 5,000	\$ 10,000		
<b>DETENTION BASINS</b>							
999	NOT USED						
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED						
<b>HARDSCAPE ITEMS</b>							
800	CURB AND GUTTER, REMOVE & REPLACE	660	LFT	\$ 30	\$ 19,800		
809	GEOGRID	1,000	SYD	\$ 3	\$ 3,000		
810	PAVEMENT REMOVAL & REPLACEMENT	1,000	SYD	\$ 30	\$ 30,000		
812	PAVEMENT SURFACE, 2 LANES	660	LFT	\$ 20	\$ 13,200		
817	SURFACE MILLING, 1 LANE	320	LFT	\$ 3	\$ 853		
820	DRIVEWAY REPLACEMENT	70	SYD	\$ 150	\$ 10,500		
821	HANDICAP RAMPS	2	EA	\$ 2,500	\$ 5,000		
<b>RESTORATION ITEMS</b>							
950	RESTORATION (LAWN AREAS)	920	LFT	\$ 5	\$ 4,600		
<b>GENERAL ITEMS</b>							
1000	MAINTENANCE OF TRAFFIC				\$ 2,000		
1010	CONSTRUCTION ENGINEERING				\$ 3,000		
1020	EROSION CONTROL				\$ 5,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 13,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	270,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	80,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	350,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	90,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>440,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 5 - COVENTRY LANE / SHRINE COURT SEWER REPLACEMENT**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
903	CLEARING AND GRUBBING	205	LFT	\$ 2	\$ 410		
904	HEAVY VEGETATION REMOVAL	1,355	LFT	\$ 5	\$ 6,775		
910	MANHOLE, REMOVE	9	EA	\$ 500	\$ 4,500		
911	CATCH BASIN / INLET, REMOVE	6	EA	\$ 300	\$ 1,800		
920	SEWER, ABANDON, FILL W/ GROUT	60	CYD	\$ 300	\$ 18,000		
<b>STORM SEWER ITEMS</b>							
100	STORM SEWER, 12-IN (STRUCTURE BACKFILL)	250	LFT	\$ 80	\$ 20,000		
101	STORM SEWER, 15-IN (STRUCTURE BACKFILL)	600	LFT	\$ 90	\$ 54,000		
102	STORM SEWER, 18-IN (STRUCTURE BACKFILL)	340	LFT	\$ 105	\$ 35,700		
104	STORM SEWER, 24-IN (STRUCTURE BACKFILL)	80	LFT	\$ 125	\$ 10,000		
122	STORM SEWER, 18-IN (NATIVE BACKFILL)	160	LFT	\$ 84	\$ 13,440		
124	STORM SEWER, 24-IN (NATIVE BACKFILL)	120	LFT	\$ 100	\$ 12,000		
126	STORM SEWER, 30-IN (NATIVE BACKFILL)	680	LFT	\$ 128	\$ 87,040		
140	STORM MANHOLE, 4-FT DIA.	14	EA	\$ 5,000	\$ 70,000		
155	INLET & CASTING	6	EA	\$ 2,500	\$ 15,000		
161	END SECTION, 24- TO 30-IN	1	EA	\$ 1,000	\$ 1,000		
212	OUTLET PROTECTION	1	LS	\$ 5,000	\$ 5,000		
<b>DETENTION BASINS</b>							
999	NOT USED						
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED						
<b>HARDSCAPE ITEMS</b>							
800	CURB AND GUTTER, REMOVE & REPLACE	1,320	LFT	\$ 30	\$ 39,600		
801	SIDEWALK, REMOVE & REPLACE	30	SYD	\$ 110	\$ 3,300		
809	GEOGRID	1,760	SYD	\$ 3	\$ 5,280		
810	PAVEMENT REMOVAL & REPLACEMENT	1,760	SYD	\$ 30	\$ 52,800		
812	PAVEMENT SURFACE, 2 LANES	1,320	LFT	\$ 20	\$ 26,400		
817	SURFACE MILLING, 1 LANE	1,320	LFT	\$ 3	\$ 3,520		
<b>RESTORATION ITEMS</b>							
820	DRIVEWAY REPLACEMENT	10	SYD	\$ 150	\$ 1,500		
950	RESTORATION (LAWN AREAS)	1,137	LFT	\$ 5	\$ 5,685		
<b>GENERAL ITEMS</b>							
1000	MAINTENANCE OF TRAFFIC				\$ 5,000		
1010	CONSTRUCTION ENGINEERING				\$ 5,000		
1020	EROSION CONTROL				\$ 7,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 25,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	530,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	160,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	690,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	170,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>860,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 6 - DEARBORN ROAD SEWER REPLACEMENT**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes	
<b>REMOVAL AND ABANDONMENT ITEMS</b>							
903	CLEARING AND GRUBBING	1,223	LFT	\$ 2	\$ 2,446		
904	HEAVY VEGETATION REMOVAL	756	LFT	\$ 5	\$ 3,780		
910	MANHOLE, REMOVE	11	EA	\$ 500	\$ 5,500		
911	CATCH BASIN / INLET, REMOVE	5	EA	\$ 300	\$ 1,500		
<b>STORM SEWER ITEMS</b>							
100	STORM SEWER, 12-IN (STRUCTURE BACKFILL)	145	LFT	\$ 80	\$ 11,600		
101	STORM SEWER, 15-IN (STRUCTURE BACKFILL)	400	LFT	\$ 90	\$ 36,000		
102	STORM SEWER, 18-IN (STRUCTURE BACKFILL)	780	LFT	\$ 105	\$ 81,900		
104	STORM SEWER, 24-IN (STRUCTURE BACKFILL)	240	LFT	\$ 125	\$ 30,000		
140	STORM MANHOLE, 4-FT DIA.	8	EA	\$ 5,000	\$ 40,000		
155	INLET & CASTING	4	EA	\$ 2,500	\$ 10,000		
161	END SECTION, 24- TO 30-IN	1	EA	\$ 1,000	\$ 1,000		
212	OUTLET PROTECTION	1	LS	\$ 5,000	\$ 5,000		
301	WATER QUALITY UNIT, <0.75 cfs TREATMENT RATE	1	EA	\$ 21,000	\$ 21,000		
<b>DETENTION BASINS</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>STORM SEWER REHABILITATION</b>							
999	NOT USED	0	NU	\$ -	\$ -		
<b>HARDSCAPE ITEMS</b>							
800	CURB AND GUTTER, REMOVE & REPLACE	1,300	LFT	\$ 30	\$ 39,000		
801	SIDEWALK, REMOVE & REPLACE	360	SYD	\$ 110	\$ 39,600		
809	GEOGRID	1,700	SYD	\$ 3	\$ 5,100		
810	PAVEMENT REMOVAL & REPLACEMENT	1,700	SYD	\$ 30	\$ 51,000		
811	PAVEMENT SURFACE, 1 LANE	1,300	LFT	\$ 10	\$ 13,000		
817	SURFACE MILLING, 1 LANE	1,300	LFT	\$ 3	\$ 3,467		
820	DRIVEWAY REPLACEMENT	500	SYD	\$ 150	\$ 75,000		
821	HANDICAP RAMPS	2	EA	\$ 2,500	\$ 5,000		
<b>RESTORATION ITEMS</b>							
950	RESTORATION (LAWN AREAS)	1,300	LFT	\$ 5	\$ 6,500		
<b>GENERAL ITEMS</b>							
1000	MAINTENANCE OF TRAFFIC				\$ 5,000		
1010	CONSTRUCTION ENGINEERING				\$ 5,000		
1020	EROSION CONTROL				\$ 6,000		
1100	MOBILIZATION/DEMOBILIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 25,000		
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>							
TOTAL (ROUNDED TO NEAREST \$10,000)					\$	530,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$	160,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$	690,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$	170,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$</b>	<b>860,000</b>	
<b>ASSUMPTIONS:</b>							
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.							
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.							
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.							
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.							
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED							
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS							

**APPENDIX III E**

**COVENTRY PROJECT: COV 7 - POTENTIAL NEW PONDS**

**OPINION OF PROBABLE CONSTRUCTION COST**

Item	Description	Quantity	Unit	Unit Price	Amount	Notes
<b>REMOVAL AND ABANDONMENT ITEMS</b>						
999	NOT USED	0	NU	\$ -	\$ -	
<b>STORM SEWER ITEMS</b>						
999	NOT USED	0	NU	\$ -	\$ -	
<b>DETENTION BASINS</b>						
190	EXCAVATION (REMOVAL FROM SITE)	16,900	CYD	\$ 30	\$ 507,000	
191	TOPSOIL	10,300	SYD	\$ 5	\$ 51,500	
192	EROSION CONTROL BLANKET	10,300	SYD	\$ 2	\$ 20,600	
195	OUTLET STRUCTURE	2	LS	\$ 15,000	\$ 30,000	
<b>STORM SEWER REHABILITATION</b>						
999	NOT USED	0	NU	\$ -	\$ -	
<b>HARDSCAPE ITEMS</b>						
999	NOT USED	0	NU	\$ -	\$ -	
<b>RESTORATION ITEMS</b>						
950	RESTORATION (LAWN AREAS)	0	LFT	\$ 5	\$ -	
<b>GENERAL ITEMS</b>						
1000	MAINTENANCE OF TRAFFIC				\$ -	
1010	CONSTRUCTION ENGINEERING				\$ 8,000	
1020	EROSION CONTROL				\$ 10,000	
1100	MOBILIZATION/DEMobilIZATION (5%) ROUNDED TO NEAREST \$1,000				\$ 31,000	
<b>TOTALS, CONTINGENCIES, NON-CONSTRUCTION COSTS</b>						
TOTAL (ROUNDED TO NEAREST \$10,000)					\$ 660,000	
CONSTRUCTION CONTINGENCY (ROUNDED TO NEAREST \$10,000) @ 30%					\$ 200,000	
TOTAL WITH CONSTRUCTION CONTINGENCY					\$ 860,000	
ADMIN., ENGR., INSPECTION, CONSTRUCTION ADMINISTRATION (ROUNDED TO NEAREST \$10,000) @ 25%					\$ 220,000	
<b>PROJECT TOTAL (ROUNDED TO NEAREST \$10,000)</b>					<b>\$ 1,080,000</b>	
<b>ASSUMPTIONS:</b>						
1) COSTS ARE ESTIMATED IN YEAR 2022 DOLLARS AS OF JANUARY 2022.						
2) COSTS ARE HIGHLY VARIABLE DUE TO CURRENT SUPPLY AND LABOR ISSUES. OWNER TO CONFIRM PRIOR TO SECURING PROJECT FINANCING.						
3) COSTS DO NOT INCLUDE DEEP FOUNDATIONS, SPECIAL SOIL CONDITIONS, OR COSTS TO RELOCATE UTILITIES.						
4) COSTS DO NOT INCLUDE MITIGATING ENVIRONMENTAL CONDITIONS.						
5) COSTS ASSUME 1 LANE REMOVED AND REPLACED, OTHER LANE WILL BE MILLED AND BOTH LANES WILL BE SURFACED						
6) COSTS DO NOT INCLUDE EASEMENTS OR LAND ACQUISITIONS						