CITY OF GREEN WILLADALE TR ENGINEERS ES JANUARY 2022	AIL STIMATE									The community	Group
						MAY 2020			J	ANUARY 2022	
NO.	ITEM REF.	ITEM EXT.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	QTY	UNIT	UNIT COST	TOTAL COST
			ROADWAY								
1	201	11000	CLEARING AND GRUBBING	1	LS	\$6,000.00	\$6,000.00	1	LS	\$4,000.00	\$4,000.00
2	201	21800	TREE REMOVED, 18"	20	EACH	\$750.00	\$15,000.00	14	EACH	\$750.00	\$10,500.00
3	201	23000	TREE REMOVED, 30"	3	EACH	\$1,500.00	\$4,500.00	2	EACH	\$1,500.00	\$3,000.00
4	202	75000	FENCE REMOVED	40	FT	\$10.00	\$400.00	40	FT	\$10.00	\$400.00
5	203	10000	EXCAVATION	3,000	CY	\$25.00	\$75,000.00	1,789	CY	\$25.00	\$44,725.00
6	203	20000	EMBANKMENT	70	CY	\$25.00	\$1,750.00	646	CY	\$25.00	\$16,150.00
7	204	10000	SUBGRADE COMPACTION	5,560	SY	\$3.00	\$16,680.00	5,260	SY	\$3.00	\$15,780.00
8	204	13000	EXCAVATION OF SUBGRADE (SUBGRADE REPAIR)		CY		\$0.00	150	CY	\$30.00	\$4,500.00
9	204	30040	GRANULAR MATERIAL, TYPE E (SUBGRADE REPAIR)		CY		\$0.00	150	CY	\$70.00	\$10,500.00
10	204	45000	PROOF ROLLING	4	HR	\$169.00	\$676.00	3	HR	\$169.00	\$507.00
11	204	50000	GEOTEXTILE FABRIC (SUBGRADE REPAIR)		SY		\$0.00	275	SY	\$3.00	\$825.00
12	209	60200	LINEAR GRADING	4,540	STA	\$2.00	\$9,080.00				
13	666	10000	PRUNING EXISTING TREE, 8 TO 16-INCH DIAMETER		EACH		\$0.00	39	EACH	\$275.00	\$10,725.00
14	666	10010	PRUNING EXISTING TREE, 16 TO 24-INCH DIAMETER		EACH		\$0.00	16	EACH	\$350.00	\$5,600.00
15	666	10020	PRUNING EXISTING TREE, 24 TO 36-INCH DIAMETER		EACH		\$0.00	7	EACH	\$500.00	\$3,500.00
16	666	10030	PRUNING EXISTING TREE, 36-INCH DIAMETER AND OVER		EACH		\$0.00	3	EACH	\$700.00	\$2,100.00
17	SPECIAL		BENCH		EACH		\$0.00	2	EACH	\$750.00	\$1,500.00
18	SPECIAL		TRASH RECEPTACLE		EACH	1	\$0.00	2	EACH	\$300.00	\$600.00
19	SPECIAL		BOLLARD		EACH	1	\$0.00	3	EACH	\$350.00	\$1,050.00
20	SPECIAL		TIMBER FENCE		FT		\$0.00	119	FT	\$75.00	\$8,925.00
20	OFLORE					Subtotal	\$129.086.00	110		Subtotal	\$144,887.00
			EROSION CONTROL			Oubtotal	ψ123,000.00			Oubtotal	φ144,007.00
21	601	32300	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER	8	CY	\$250.00	\$2,000.00	6	CY	\$250.00	\$1,500.00
22	651	10000	TOPSOIL, STOCKPILED	1,577	CY	\$10.00	\$15,772.14	1,520	CY	\$10.00	\$15,200.00
23	652	10000	PLACING STOCKPILED TOPSOIL	1,577	CY	\$10.00	\$15,772.14	1,520	CY	\$10.00	\$15,200.00
23	659	00501	SEEDING AND MULCHING, AS PER PLAN	3,596	SY	\$2.00	\$7,192.51	8,650	SY	\$2.00	\$17,300.00
24 25	659	14000	REPAIR SEEDING AND MULCHING	70	SY	\$2.00	\$420.00	173	SY	\$2.00	\$1,038.00
25	659	15000	INTERSEEDING	130	SY	\$0.00	\$420.00	175	31	\$0.00	\$1,036.00
20	659	20000	COMMERCIAL FERTILIZER	0.06	TON	\$900.00	\$130.00	1.87	TON	\$900.00	\$1,683.00
28	659	31000	LIME	0.06	ACRE	\$900.00	\$10.40	1.07	TON	\$900.00	\$1,003.00
28	659	35000	WATER	30.00	MGAL	\$65.00	\$10.40	10.00	MGAL	\$8.00	\$80.00
30			SLOPE EROSION PROTECTION	220	SY	\$3.00	\$240.00	3,731	SY	\$3.00	\$80.00
30 31	670	00500		220	SY	\$3.00		,	-		
-	671	15060	EROSION CONTROL MAT, TYPE G		_		\$0.00	1,623	SY	\$18.00	\$29,214.00
32	832	30000	EROSION CONTROL		EACH	0.11.11	\$0.00	8,000	EACH	\$1.00	\$8,000.00
			224114.05	_		Subtotal	\$42,251.19			Subtotal	\$100,408.00
	0000	00001	DRAINAGE	0.00		00 500 55	<b>AT TOO T</b>	4.6.1	614	<b>AO T</b> OO <b>T</b> O	<b>A A B A A B A B A A B A A A A A A A A A A</b>
33	602	20001	CONCRETE MASONRY, AS PER PLAN	3.00	CY	\$2,500.00	\$7,500.00	1.34	CY	\$2,500.00	\$3,350.00
34	611	04400	12" CONDUIT, TYPE B	140	FT	\$85.00	\$11,900.00	140	FT	\$85.00	\$11,900.00
35	611	10400	24" CONDUIT, TYPE B	54	FT	\$125.00	\$6,750.00	40	FT	\$125.00	\$5,000.00
36	611	98450	CATCH BASIN, NO. 2-2A	2	EACH	\$1,500.00	\$3,000.00	2	EACH	\$1,500.00	\$3,000.00
				_		Subtotal	\$29,150.00			Subtotal	\$23,250.00
			PAVEMENT								
37	304		AGGREGATE BASE	1,400	CY	\$51.00	\$71,400.00	-	CY	\$51.00	
38	422		DOUBLE CHIP SEAL	5,050	SY	\$25.00	\$126,250.00	4,050	SY	\$25.00	\$101,250.00
39	441	50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22		CY		\$0.00	1	CY	\$400.00	\$400.00
				_		Subtotal	\$197,650.00			Subtotal	\$169,480.00
			TRAFFIC CONTROL								
40	630	80101	SIGN, FLAT SHEET, AS PER PLAN	106	SF	\$35.00	\$3,710.00	45	SF	\$35.00	\$1,575.00
41	630	03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN		FT		\$0.00	168	FT	\$15.00	\$2,520.00
						Subtotal	\$3,710.00			Subtotal	\$4,095.00
			INCIDENTIALS								
42	103	0500	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	1	LS	\$3,000.00	\$3,000.00	1	LS	\$2,000.00	\$2,000.00
43	614	11000	MAINTAINING TRAFFIC		LS		\$0.00	1	LS	\$500.00	\$500.00
44	623	10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$5,000.00	\$5,000.00	1	LS	\$4,000.00	\$4,000.00
45	624	10000	MOBILIZATION	1	LS	\$9,000.00	\$9,000.00	1	LS	\$6,000.00	\$6,000.00
46	SPECIAL		GEOTECHNICAL SERVICES	1	LS	\$2,500.00	\$2,500.00	1	LS	\$1,750.00	\$1,750.00
						Subtotal	\$19,500.00		-	Subtotal	\$14,250.00

CITY OF GRE WILLADALE T ENGINEERS I JANUARY 202	TRAIL ESTIMATE										nmental Group y Impact people.	
					MAY 2020				JANUARY 2022			
NO.	ITEM REF.	ITEM EXT.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	QTY	UNIT	UNIT COST	TOTAL COST	
					BASE BI	D SUBTOTAL	\$421,347.19				\$456,370.00	
					CONTIN	GENCY (15%)	\$63,202.08	(5% + 3%)			\$36,509.60	
					BASE B	D SUBTOTAL	\$484,549.27	BASE BID SUBTOTAL		\$492,879.60		
			BID ALTERNATE 1 - LOOP TRAIL (MULCH)									
47	661	00501	MULCH, AS PER PLAN		CY		\$0.00	42	CY	\$90.00	\$3,780.00	
48	SPECIAL		BOARDWALK		LS		\$0.00	1	LS	\$190,000.00	\$190,000.00	
49	SPECIAL		BOARDWALK ABUTMENT		EACH		\$0.00	2	EACH	\$250.00	\$500.00	
	BID ALTERNATE 1 SUBTOTAL										\$194,280.00	
										INGENCY (5%)	\$9,714.00 \$203,994.00	
	BID ALTERNATE 1 TOTAL											
		BID ALTERNATE 1 GRAND TOTAL										
			BID ALTERNATE 2 - LOOP TRAIL - CHIP SEAL									
47	422		DOUBLE CHIP SEAL		SY		\$0.00	740	SY	\$25.00	\$18,500.00	
48	SPECIAL		BOARDWALK		LS		\$0.00	1	LS	\$190,000.00		
49	SPECIAL		BOARDWALK ABUTMENT		EACH		\$0.00	2	EACH	\$750.00	\$1,500.00	
BID ALTERNATE 2 SUBTOTA											\$210,000.00	
CONTINGENCY (5%)										\$10,500.00		
BID ALTERNATE 2 TOTAL									\$220,500.00			
BID ALTERNATE 2 GRAND TOTAL										\$713,379.60		