

Group #	LINE ITEM	QUANTITY	UNIT	UNIT COST	ITEM COST	Column I
WEST ORANGE - GREEN ESSEX PARTNERS					14-Nov-19	
INFRASTRUCTURE COST ESTIMATE				PREPARED BY		
				Green Essex Partners, LLC		
2.0 Earthwork						
	2.1 Grading - Pavement	112600	SF	\$0.30	\$33,780.00	
	2.2 Grading - Landscaping	60000	SF	\$0.25	\$15,000.00	
	2.3 General - Earthwork	1	LS	\$75,000.00	\$75,000.00	
	2.4 Spread - Topsoil (With Stockpiled Topsoil)	800	CY	\$9.00	\$7,200.00	
	2.5 Cut - To Fill (Assumes No Rock)	14501	CY	\$13.00	\$188,513.00	
	2.6 Place & Compact - Fill		CY	\$12.00	\$0.00	
	2.7 Cut & Export - General Fill	3500	CY	\$25.00	\$87,500.00	
	2.8 Excavation (Extra) - Mass Volume Rock (<10,000 CY)	10000	CY	\$45.00	\$450,000.00	
						\$856,993.00
3.0 Site Work						
	3.1 Concrete Curb - 6" Reveal	5300	LF	\$20.00	\$106,000.00	
	3.2 Pavement Section - Site (2" Top/4" Base/6" DGA)	112600	SF	\$4.00	\$450,400.00	
	3.3 Retaining Wall - Modular Block	8400	SF	\$35.00	\$294,000.00	
	3.4 Guide Rail - Steel	600	LF	\$55.00	\$33,000.00	
	3.5 Walkway - Reinforced Concrete (4" Thick)	4400	SF	\$5.00	\$22,000.00	
	3.6 Fence - Chain Link (4' Tall)	1100	LF	\$35.00	\$38,500.00	
	3.7 Concrete Curb - Ramp	5	EA	\$500.00	\$2,500.00	
	3.9 Striping	1	LS	\$4,000.00	\$4,000.00	
	3.10 Symbol - Stop Bar	5	EA	\$150.00	\$750.00	
	3.11 Symbol - Handicap	8	EA	\$150.00	\$1,200.00	
	3.12 Sign - ADA	8	EA	\$150.00	\$1,200.00	
	3.13 Sign - Traffic Control	8	EA	\$200.00	\$1,600.00	
						\$955,150.00
6.0 Utilities						
	6.1 8" DIP	3800	LF	\$40.00	\$152,000.00	
	6.2 Fire Hydrant	7	EA	\$5,000.00	\$35,000.00	
	6.3 Pipe - PVC - 8" SDR 35 (<10' Depth)	1400	LF	\$35.00	\$49,000.00	
	6.4 Manhole - Regular (<10' Depth)	12	EA	\$4,500.00	\$54,000.00	
	6.5 Electric - Trenching	2500	LF	\$18.00	\$45,000.00	
	6.6 Gas - Pipe - 2"	2500	LF	\$20.00	\$50,000.00	
	6.7 Electric - Transformer (Pad Mounted)	4	EA	\$15,000.00	\$60,000.00	
						\$445,000.00
7.0 Lighting - Executive Drive Only						
	7.1 Light Poles	19	EA	\$2,100.00	\$39,900.00	
	7.2 Conduit and Trenching w/ Detectable strip	1980	LF	\$16.00	\$31,680.00	
						\$71,580.00
10.0 Dog Parks						
	10.1 Pavement Removal and Grading	42000	SF	\$4.00	\$168,000.00	
	10.2 K9 Grass	40700	SF	\$7.00	\$284,900.00	
	10.3 5 foot Chain Link Fence	1500	LF	\$20.00	\$30,000.00	
	10.4 Parking Mill and Pave 2 in	2600	SY	\$3.50	\$9,100.00	
	10.5 Striping	1	LS	\$1,500.00	\$1,500.00	
	10.6 Water Fountain and Washdown	1	LS	\$8,500.00	\$8,500.00	
	10.7 Area Lighting	1	LS	\$11,000.00	\$11,000.00	
	10.8 Benches	5	EA	\$850.00	\$4,250.00	
						\$517,250.00

CONTINGENCY

5%

\$142,298.65

Total Estimate

\$2,845,973.00

Total Estimate with Contingency

\$2,988,271.65