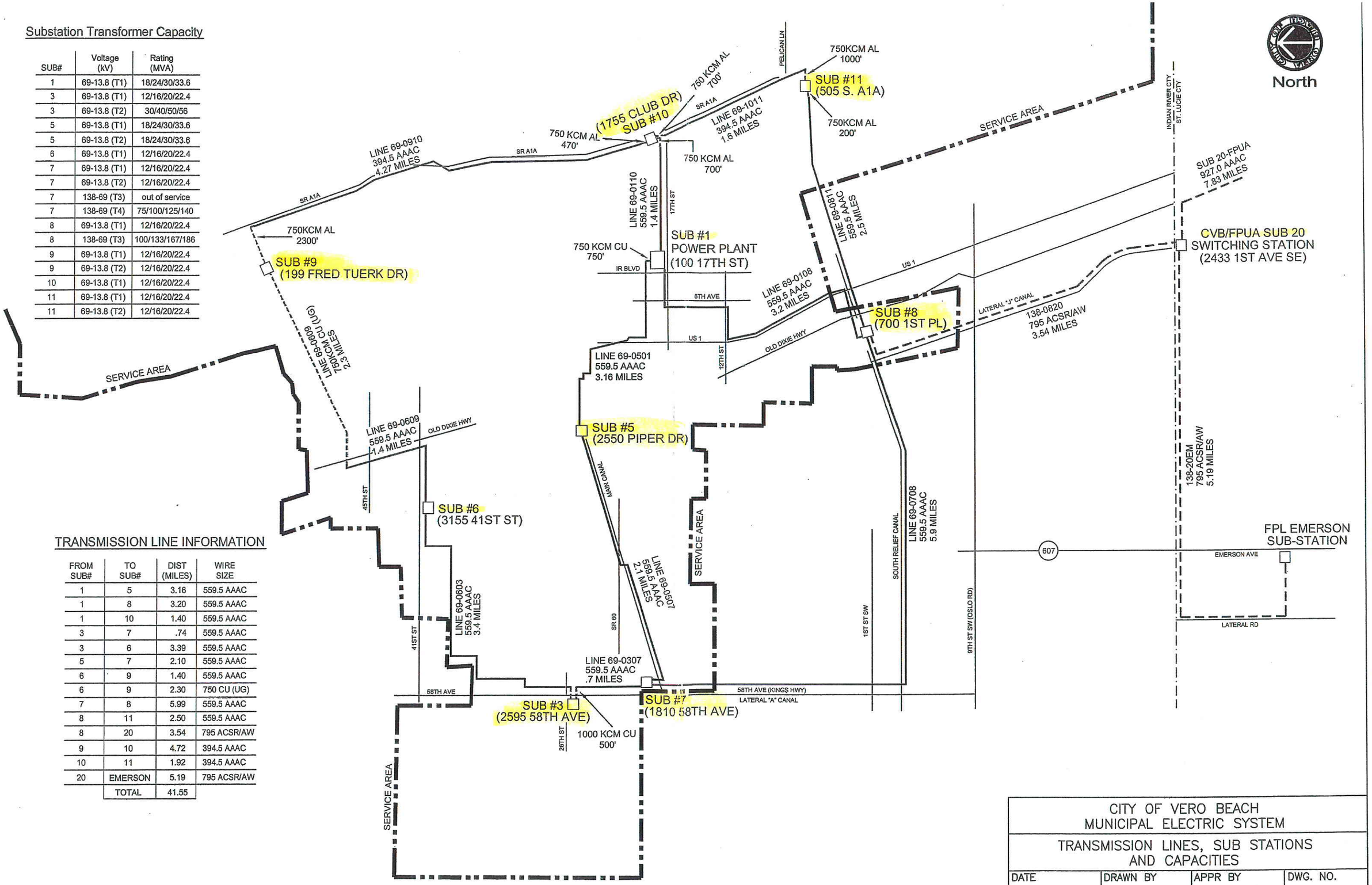
Substation Transformer Capacity

SUB#	Voltage (kV)	Rating (MVA)
1	69-13.8 (T1)	18/24/30/33.6
3	69-13.8 (T1)	12/16/20/22.4
3	69-13.8 (T2)	30/40/50/56
5	69-13.8 (T1)	18/24/30/33.6
5	69-13.8 (T2)	18/24/30/33.6
6	69-13.8 (T1)	12/16/20/22.4
7	69-13.8 (T1)	12/16/20/22.4
7	69-13.8 (T2)	12/16/20/22.4
7	138-69 (T3)	out of service
7	138-69 (T4)	75/100/125/140
8	69-13.8 (T1)	12/16/20/22.4
8	138-69 (T3)	100/133/167/186
9	69-13.8 (T1)	12/16/20/22.4
9	69-13.8 (T2)	12/16/20/22.4
10	69-13.8 (T1)	12/16/20/22.4
11	69-13.8 (T1)	12/16/20/22.4
11	69-13.8 (T2)	12/16/20/22.4

TRANSMISSION LINE INFORMATION

FROM SUB#	TO SUB#	DIST (MILES)	WIRE SIZE
1	5	3.16	559.5 AAAC
1	8	3.20	559.5 AAAC
1	10	1.40	559.5 AAAC
3	7	.74	559.5 AAAC
3	6	3.39	559.5 AAAC
5	7	2.10	559.5 AAAC
6	9	1.40	559.5 AAAC
6	9	2.30	750 CU (UG)
7	8	5.99	559.5 AAAC
8	11	2.50	559.5 AAAC
8	20	3.54	795 ACSR/AW
9	10	4.72	394.5 AAAC
10	11	1.92	394.5 AAAC
20	EMERSON	5.19	795 ACSR/AW
	TOTAL	41.55	



CITY OF VERO BEACH MUNICIPAL ELECTRIC SYSTEM			
TRANSMISSION LINES, SUB STATIONS AND CAPACITIES			
DATE 12/08/03	DRAWN BY PB	APPR BY JD/LTR	DWG. NO. Xmissn2