



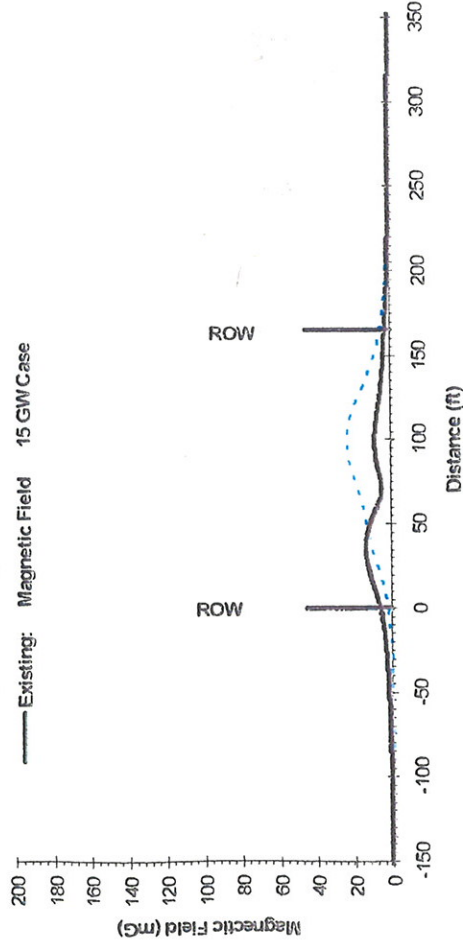
middletown | norwalk

Cross Section 8 (15GW Case) Middle Segment

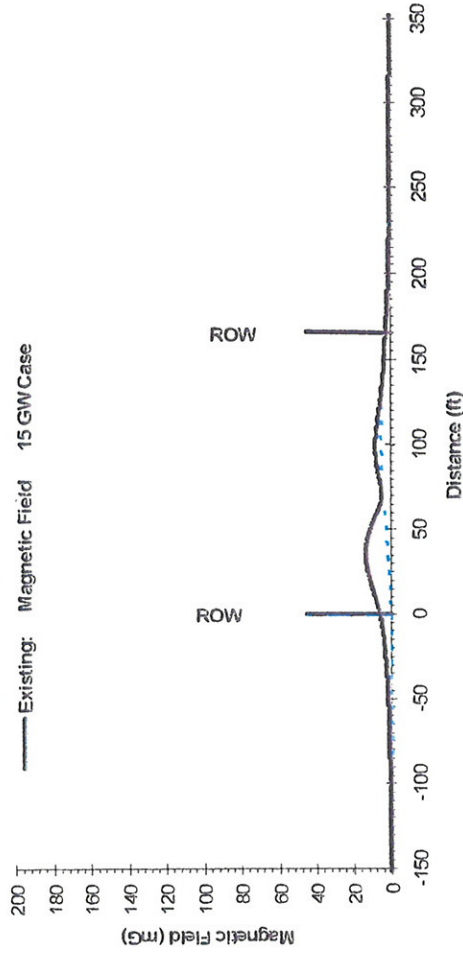
Typical Segment – Glen Lake Junction to Pease Road Junction in the Town of Woodbridge

Site Condition	Transmission ROW																											
	150'	135'	120'	105'	90'	75'	60'	45'	30'	15'	S/E Edge	50'	25'	Center	50'	N/W Edge	15'	30'	45'	60'	75'	90'	105'	120'	135'	150'		
Existing Lines (For Reference)	0.5	0.5	0.6	0.8	0.9	1.1	1.5	2.0	2.7	4.0	6.2	13.0	8.2	6.7	7.8	4.9	2.8	2.0	1.5	1.1	0.9	0.7	0.6	0.5	0.4	0.4	0.3	
Proposed Lines on Existing ROW (For Reference)	1.5	1.6	1.8	2.1	2.4	2.8	3.3	3.9	4.8	6.2	8.7	22.6	33.5	50.7	48.6	31.9	15.7	11.6	8.8	6.9	5.5	4.5	3.7	3.1	2.7	2.3	2.0	
OPTIONS																												
4 345 kV Split Phase	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.9	1.5	2.7	10.0	14.9	21.6	22.8	14.4	5.8	3.9	2.7	2.0	1.4	1.1	0.9	0.7	0.6	0.5	0.4
5 345 kV Split Phase +30'	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.6	0.9	0.9	2.3	3.9	5.2	5.6	4.6	2.9	2.2	1.7	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.3

--- Option 4: Magnetic Field 15 GW Case
 — Existing: Magnetic Field 15 GW Case



--- Option 5: Magnetic Field 15 GW Case
 — Existing: Magnetic Field 15 GW Case



Potential Magnetic Field reduction for Proposed overhead lines - Exhibit 1 to Testimony of Dr. William H. Bailey

