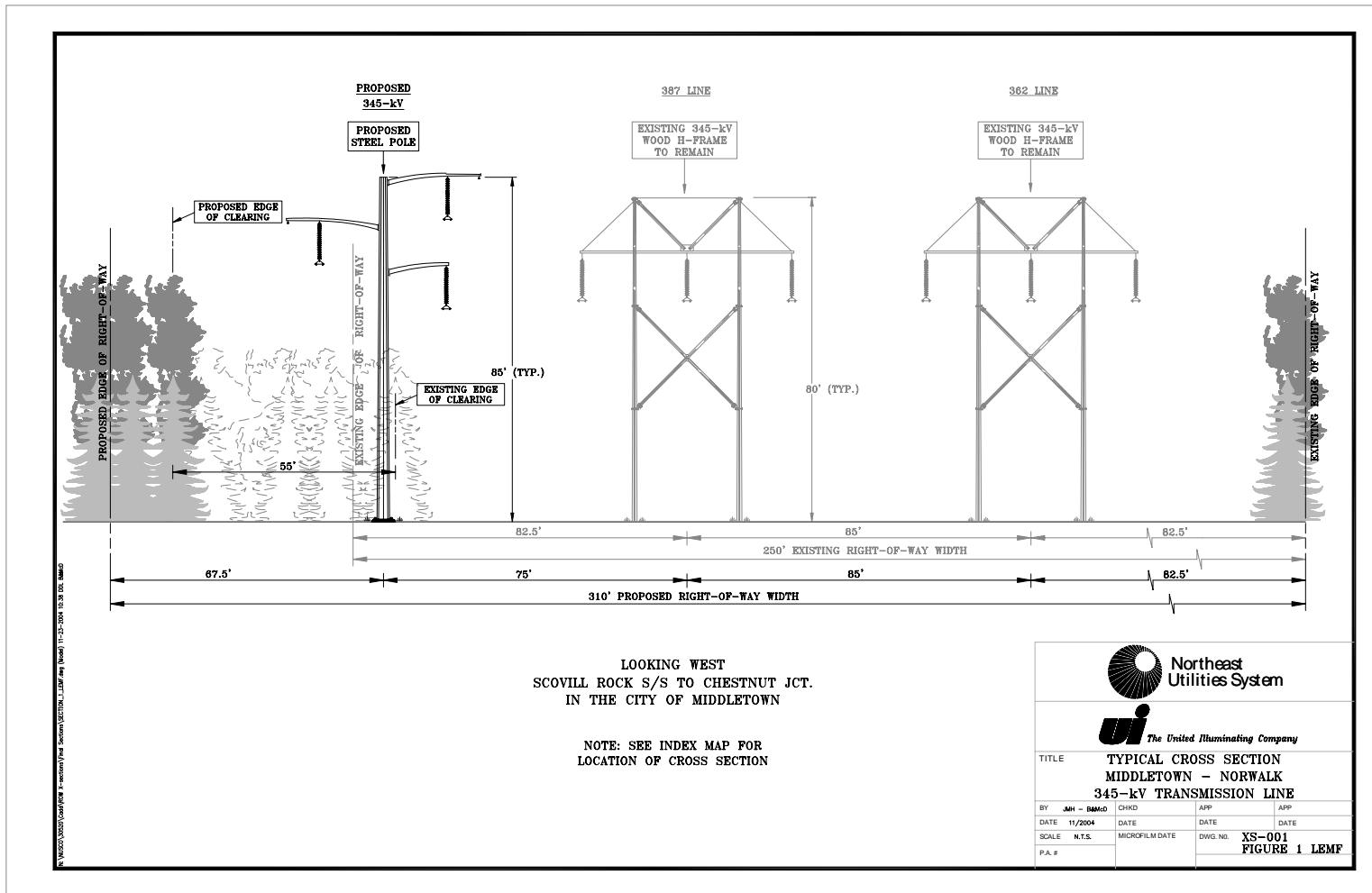


Cross Section 1 (15GW Case)

Typical Segment – Scovill Rock S/S to Chestnut Junction in the City of Middletown

		Transmission ROW																									
Site Condition	150'	135'	120'	105'	90'	75'	60'	45'	30'	15'	S/E Edge	100'	50'	Center	50'	100'	NW Edge	15'	30'	45'	60'	75'	90'	105'	120'	135'	150'
Existing Lines (For Reference)	5.4	6.1	7.0	8.0	9.2	10.9	12.9	15.7	19.4	24.8	32.6	12.9	27.0	79.2	99.1	66.7	33.8	25.6	20.0	16.1	13.3	11.1	9.5	8.1	7.1	6.2	5.5
1 345 kV Delta (optimized height & phasing)	2.1	2.3	2.5	2.7	3.0	3.3	3.7	4.1	4.6	5.3	6.2	31.0	77.0	106.7	39.4	102.1	28.8	21.8	17.0	13.7	11.2	9.4	8.0	6.9	6.0	5.2	4.6

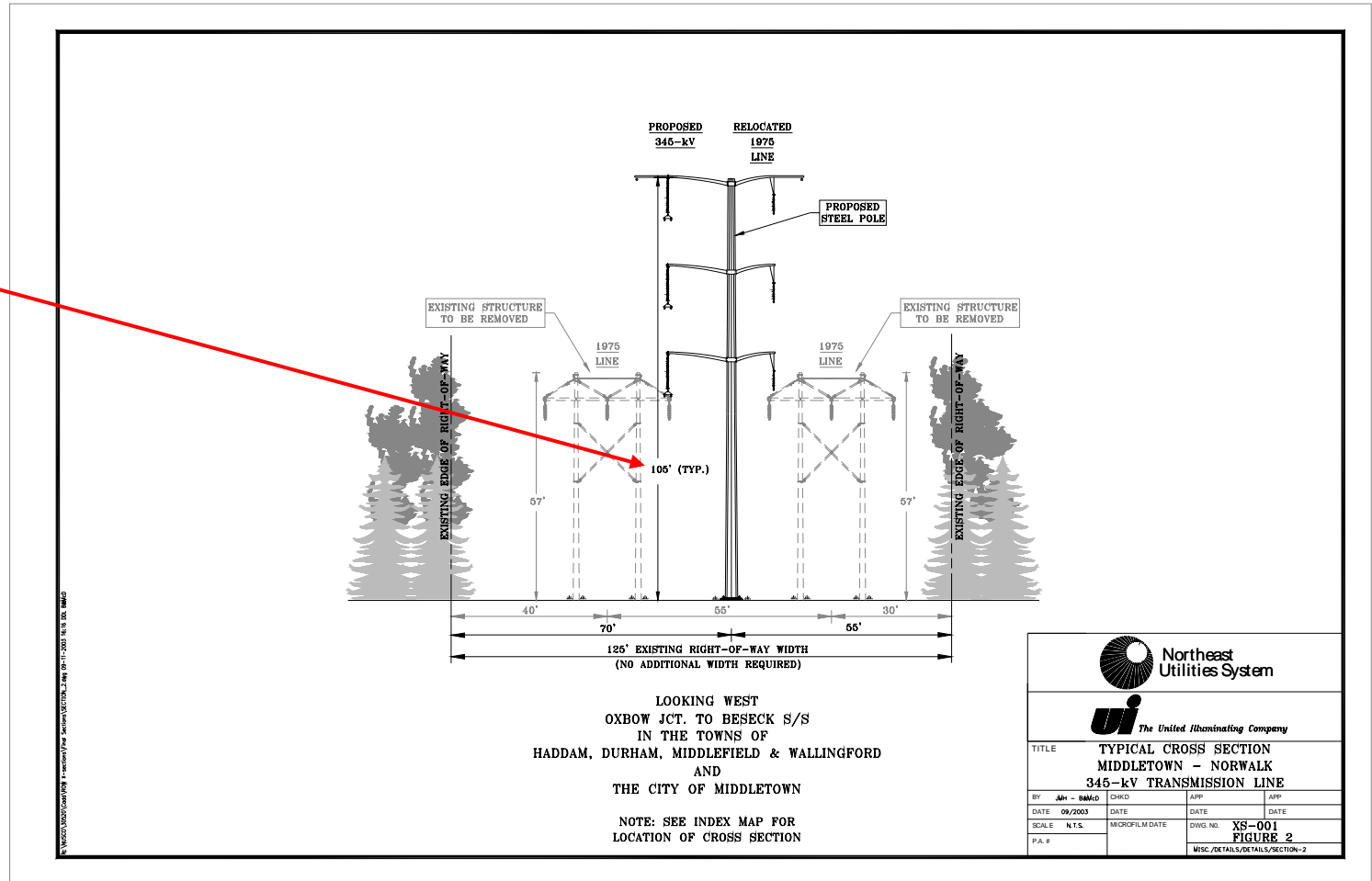


Cross Section 2 (15GW Case)

Typical Segment – Oxbow Junction to Beseck S/S in the Municipalities of Haddam, Durham, Middlefield, Wallingford & Middletown

		Transmission ROW																											
Site Condition	150'	135'	120'	105'	90'	75'	60'	45'	30'	15'	S/E Edge	50'	25'	Center	25'	50'	N/W Edge	15'	30'	45'	60'	75'	90'	105'	120'	135'	150'		
Existing Lines (For Reference)	0.3	0.3	0.4	0.5	0.7	1.0	1.4	2.0	3.1	5.2	9.2	15.6	30.2	32.6	32.5	21.5	13.9	7.5	4.3	2.7	1.7	1.2	0.9	0.6	0.5	0.4	0.3		
1 Proposed Lines with an additional 30' in height	3.3	3.7	4.3	5.0	5.8	6.9	8.2	9.9	11.9	14.5	17.6	20.5	25.6	26.2	21.0	14.6	12.2	9.8	8.0	6.6	5.6	4.8	4.1	3.6	3.1	2.8	2.5		

Note: Structure height would be increased by 30 feet, typical structure height would be 135 feet.

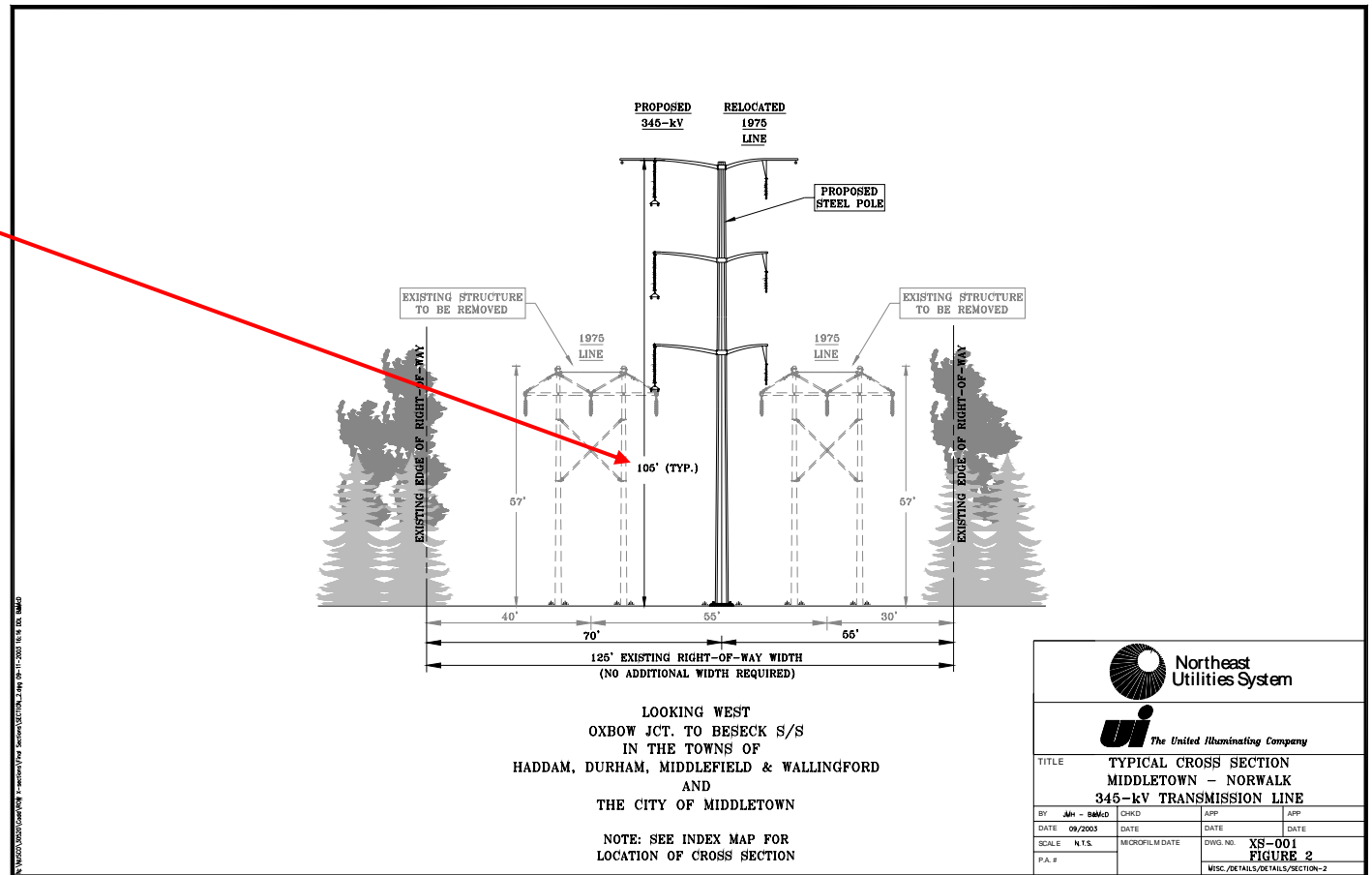


Cross Section 2 (15GW Case)

Typical Segment – Royal Oak Existing Right of Way Durham & Middletown

Site Condition	Transmission ROW																										
	150'	135'	120'	105'	90'	75'	60'	45'	30'	15'	S/E Edge	50'	25'	Center	25'	50'	NW Edge	15'	30'	45'	60'	75'	90'	105'	120'	135'	150'
Existing Lines (For Reference)	0.3	0.3	0.4	0.5	0.7	1.0	1.4	2.0	3.1	5.2	9.2	15.6	30.2	32.6	32.5	21.5	13.9	7.5	4.3	2.7	1.7	1.2	0.9	0.6	0.5	0.4	0.3
No Net Increase Response to CSC question 93											9.2						7.4										

Note: To achieve No Net increase structure height would need to be increased to 175 feet.



Cross Section 3 (15GW Case)

Typical Segment – Black Pond Junction to East Meriden S/S in the City of Meriden

		Transmission ROW																											
Site Condition		150'	135'	120'	105'	90'	75'	60'	45'	30'	15'	S/E Edge	50'	25'	Center	25'	50'	N/W Edge	15'	30'	45'	60'	75'	90'	105'	120'	135'	150'	
Existing Lines (For Reference)		2.4	2.7	3.1	3.5	4.0	4.7	5.5	6.6	7.9	9.7	12.2	62.9	62.0	38.7	23.2	14.8	4.7	4.0	3.5	3.1	2.7	2.4	2.2	2.0	1.8	1.6	1.5	
0 Proposed Lines on Existing ROW (For Reference)		1.0	1.1	1.3	1.4	1.7	1.9	2.3	2.8	3.5	4.5	5.9	40.3	58.8	78.6	81.8	82.2	12.9	9.8	7.6	6.1	4.9	4.1	3.4	2.9	2.5	2.2	1.9	

Note: From Black Pond south for three spans structures would be shifted to the eastern side of the right-of-way. Davit arms would also need to be shifted on the some structures.

