

APPENDIX E: SHORT LIST RIGHT-OF-WAY CALCULATIONS

Waterbury Branch Right-of-Way Calculations (revised May 17, 2010)

Improvement	Total ROW (acres)	Itemized (acres)	Alternative(s)	Notes
Waterbury				
Station Sidings	1.45	1.45 -- Station Sidings - Sht 52	W-18	Sidings in freight RR property
Passing Siding	0.01	0.01 -- Passing Siding - Sht 48	W-11, W-13	Siding on curve with 2,290-ft radius. Assumes 14-ft track center buffer.
Naugatuck				
Platform	0.03	0.03 -- Platform	W-1, W-19	Span over Maple Street
Beacon Falls				
South Siding	0.073	0.003 -- Tangent Siding - Sht 1 0.07 -- Curved siding - Sht 2	W-10, W-11s, W-13	Sht 1 assumes 10-ft track center buffer. Sht 2 assumes 12-ft track center buffer.
Seymour				
Platform	0.05	0.05 -- Platform	W-1	Incursion into parking lot. Includes 2-ft buffer from platform edge.
Ansonia				
<i>(all within ROW)</i>				
Derby-Shelton				
<i>(all within ROW)</i>				
Devon				
Siding	0.002	0.002 -- Tangent Siding	W-11	Incursion at Plains Road (requires widened bridge). Assumes 10-ft track center buffer.
Station east of wye	2.1	1.1 -- Platform and new track 1.0 -- New access road	W-13	Mainline corridor assumed to have 60-ft ROW

New Canaan Branch Right-of-Way Calculations (revised May 17, 2010)

Improvement	Total ROW (acres)	Itemized (acres)	Alternative(s)	Notes
Talmadge Hill				
Station Development	2.19	2.07 -- Parking 0.12 -- Sidewalks	TSM	New platform remains inside ROW
New Canaan				
Platform Extension	0.002	0.002 -- Platform Extension	TSM	Negligible ROW incursion into parking lot (public property). Calculation includes 2-ft buffer from edge of platform.
Springdale				
Platform Extension	0		TSM	
2nd Platform	0.004	0.004 -- 2nd Platform	NC-5	Negligible ROW incursion at northern end of 2nd platform (private property?). Calculation includes 2-ft buffer from edge of platform.
Siding	0.238	0.238 -- Siding	NC-1, NC-5	Implemented 14-ft buffer from track center on curve. Incursion across ROW line on east side of curve. Radius of curve: 1,415-ft