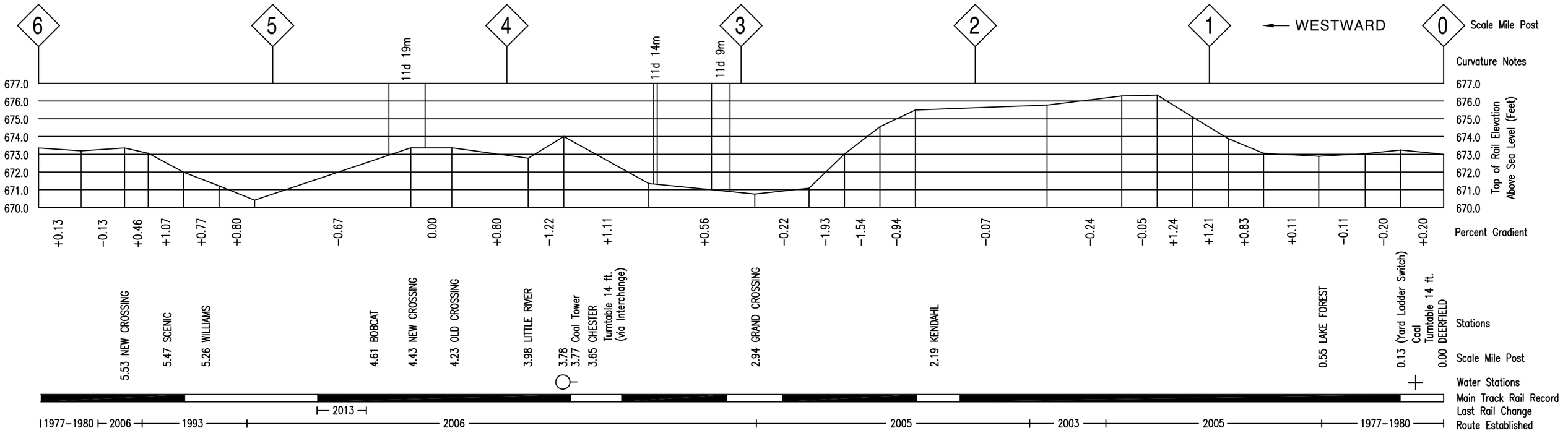

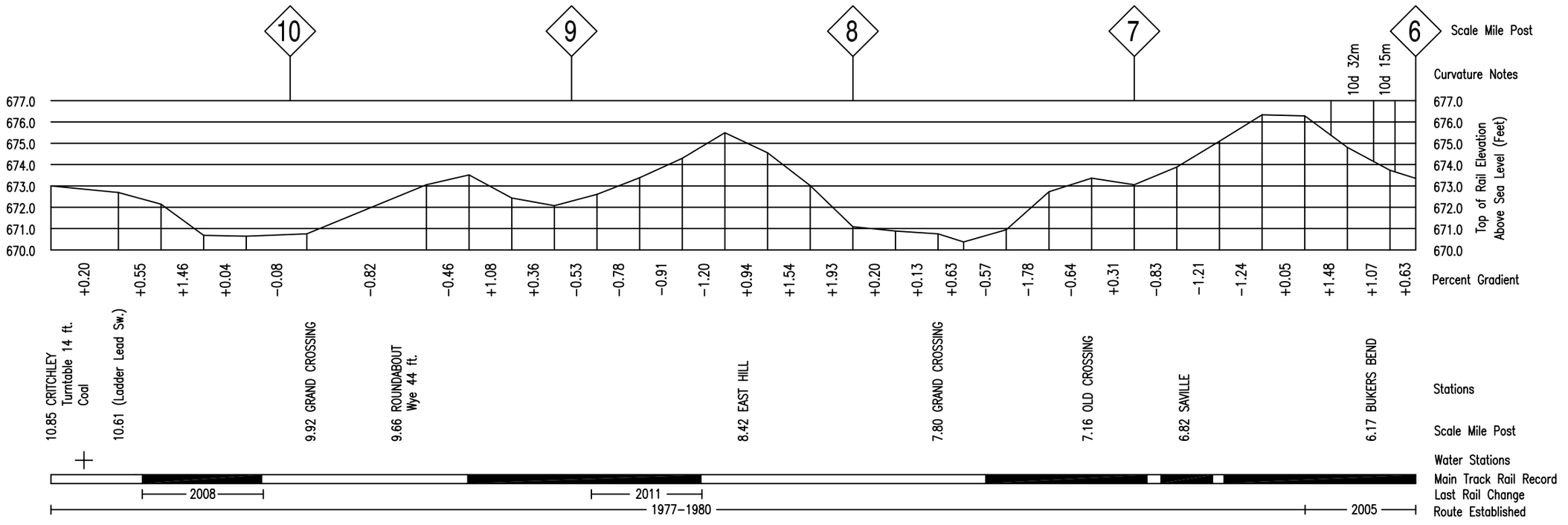

CURVATURE FORMULA	CURVATURE DESIGNATION COMPARISON	
R = (C / 2) / sin (D / 2) where R = Center line radius of curve in feet. C = Chord length in feet. D = Degree of curvature in decimal degrees. For more information see www.1flsrm.org for DRRY document DRTRK12-C, Comparison of Designations of Curvature.	Degree of Curvature 12.5 Foot Chord Basis	Center Line Radius of Curve in Feet
	9 degrees 0 minutes	79.7
	9 degrees 30 minutes	75.5
	10 degrees 0 minutes	71.7
	10 degrees 30 minutes	68.3
	11 degrees 0 minutes	65.2
	11 degrees 30 minutes	62.4
	12 degrees 0 minutes	59.8

SYMBOLS AND NOTES

1 inch high aluminum rails.
12 pound steel rails.
Water tank supplying engines.
Water stand pipe supplying engines.
City water supply unless noted otherwise.
1 scale mile equals 660 feet.
Unless noted otherwise, main track maximum curvature 10 degrees 0 minutes 12.5 foot chord basis.

Deerfield and Roundabout Railway

Condensed Profile

Original 1992 Survey Personnel
J. G. Hook, Transit; E. Buker, Rod and Chain;
R. W. Kurth, Chain.
Post 2000 Survey Personnel
J. G. Hook, B. M. Caughron, Transit;
D. Baty, M. Borgardt, E. Buker, G. S. Carlson,
K. J. Kobel, B. N. Kurth, Rod and Chain.

Drawn by J. G. Hook 11-11-2013 | DRTRK50