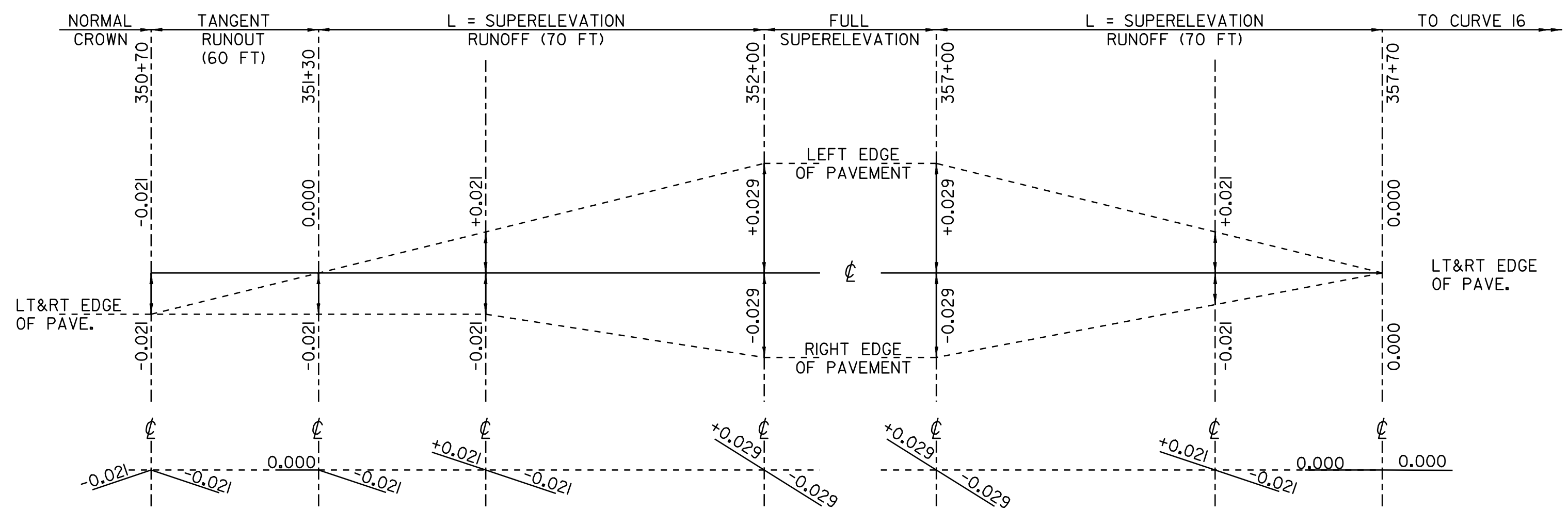
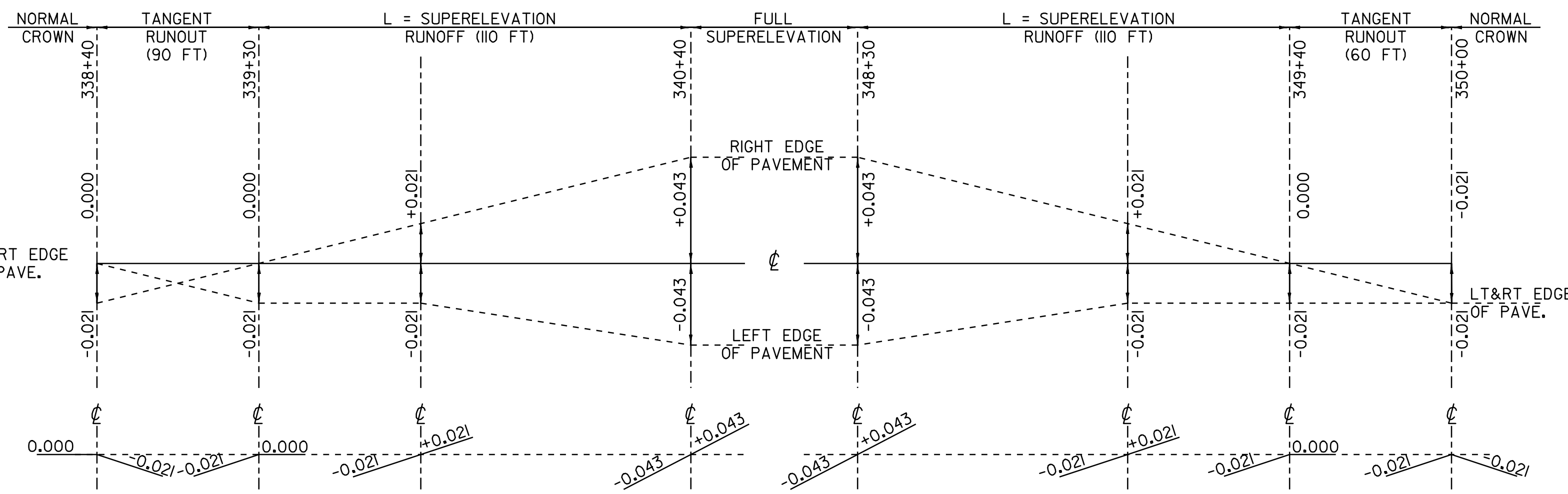


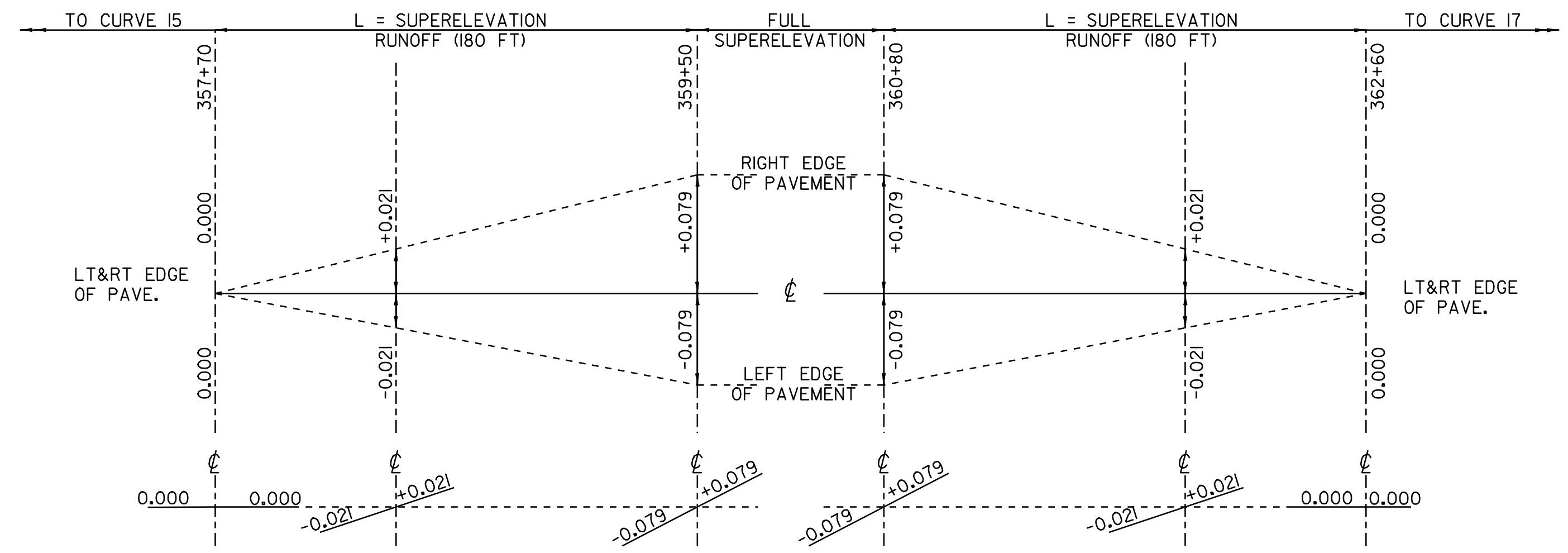
CURVE 13 SUPERELEVATION DIAGRAM NTS  
 CHESTER  
 PC = 333+20 R = 5730 FT  
 PT = 338+00 V = 50 MPH



CURVE 15 SUPERELEVATION DIAGRAM NTS  
 CHESTER  
 PC = 351+80 R = 3910 FT  
 PT = 357+30 V = 50 MPH



CURVE 14 SUPERELEVATION DIAGRAM NTS  
 CHESTER  
 PC = 340+00 R = 2475 FT  
 PT = 348+70 V = 50 MPH



CURVE 16 SUPERELEVATION DIAGRAM NTS  
 CHESTER  
 PC = 358+80 R = 665 FT  
 PT = 361+50 V = 45 MPH

Using AASHTO guidelines, the portion of runoff length placed on the tangent will vary from 60% to 80%. The tangent length between these two adjacent curves is too short to follow AASHTO guidelines for a 50 mph design. In an effort to meet these guidelines, a reduced design speed was used which allows for a reduced banking and transition rate between the adjacent curves.

**SUPERELEVATION BANKING DIAGRAM SHEET #04**

SURVEYED BY	CLD	DATE	1/05
DRAWN BY	MRS	DATE	7/06
SQUAD LEADER	CRB		
DESIGN FILE NO.	/pave/01b038/pb038.dgn		
IPARM FILE	pb038d108.i	DATE PLOTTED	6 OCT-2009 17
PROJ. NAME	CHESTER - LUDLOW		
PROJ. NO.	NH 2326(1)S		
SHEET	77	OF	110 SHEETS