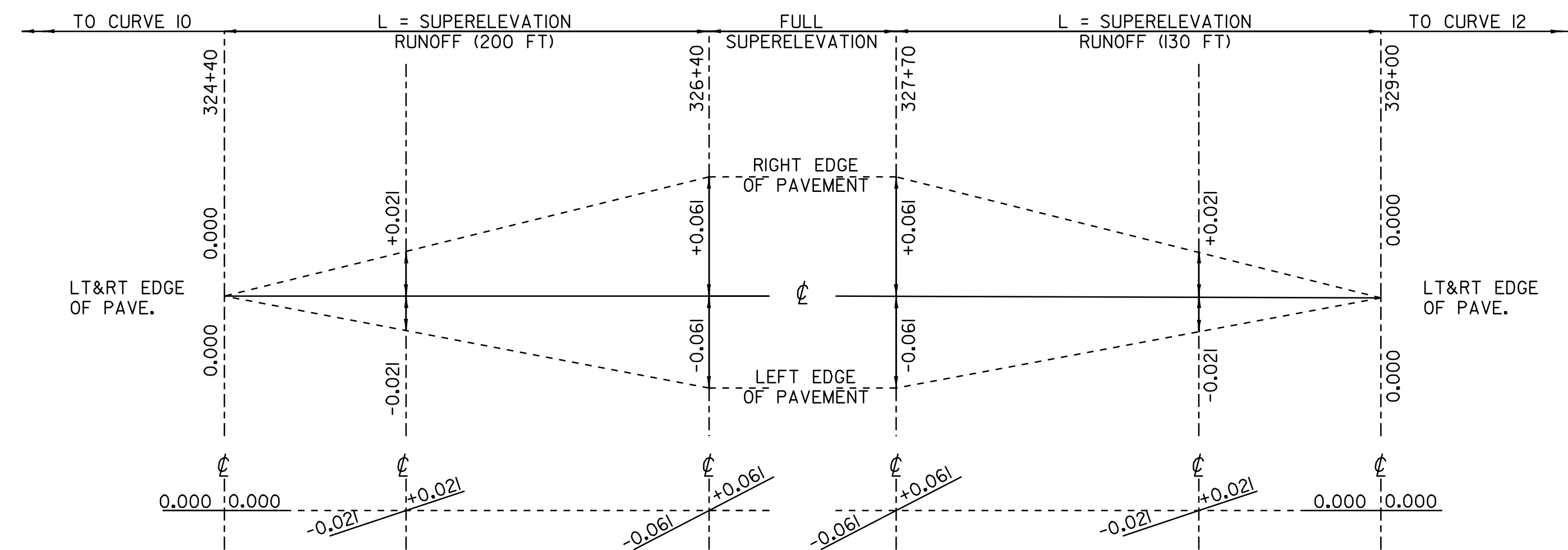


CURVE 9

SUPERELEVATION DIAGRAM
NTS

CHESTER
PC = 316+00 R = 2630 FT
PT = 318+60 V = 50 MPH

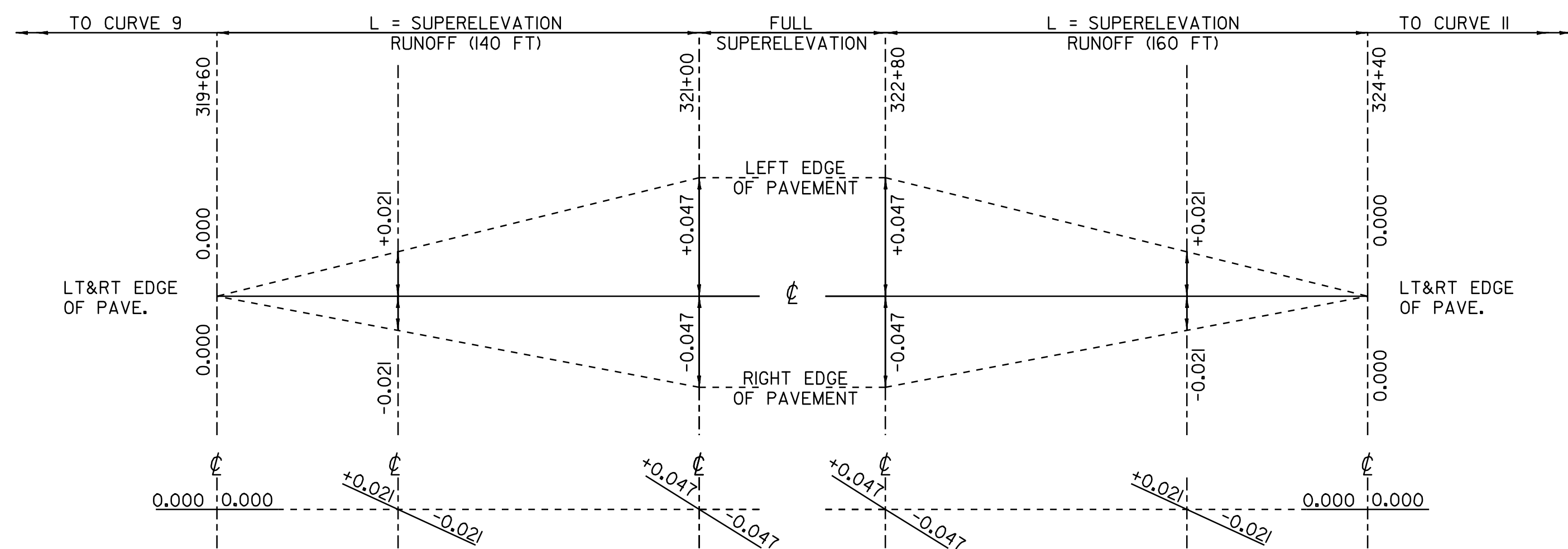


CURVE 11

SUPERELEVATION DIAGRAM
NTS

CHESTER
PC = 326+00 R = 940 FT
PT = 328+20 V = 40 MPH

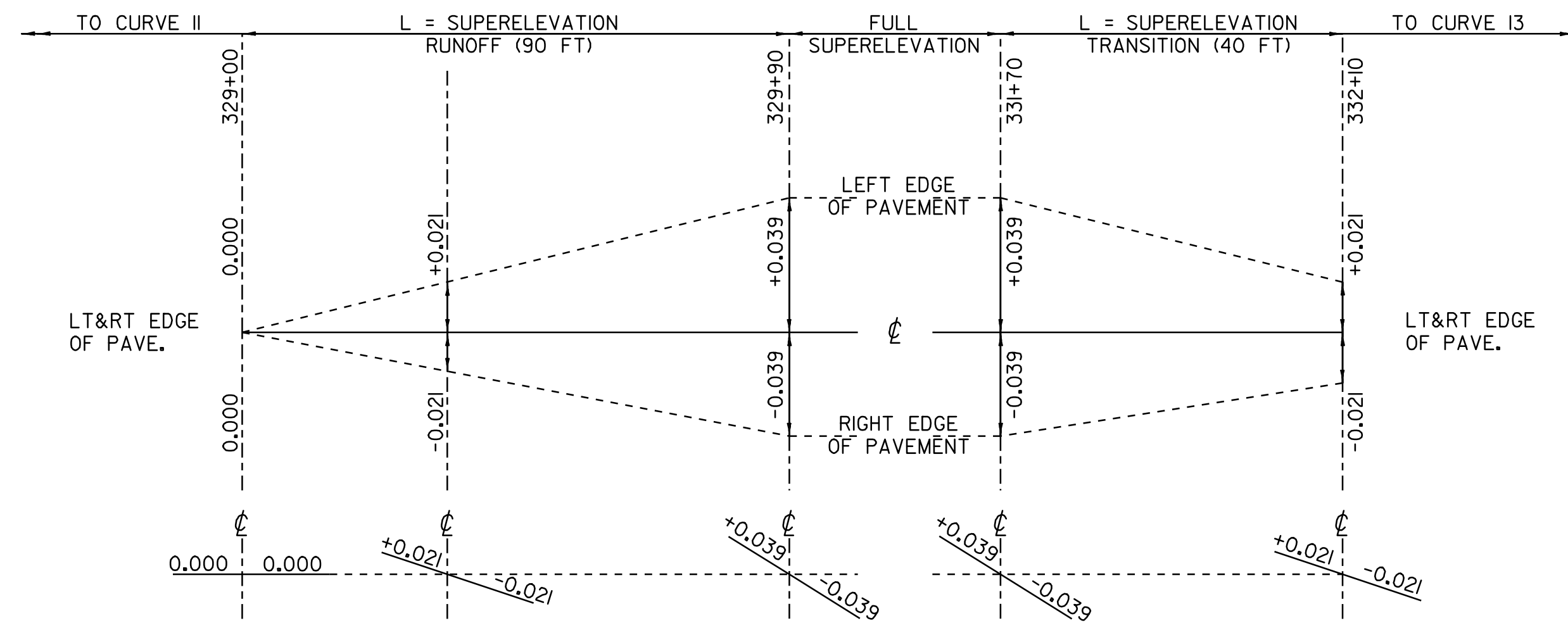
Using AASHTO guidelines, the portion of runoff length placed on the tangent will vary from 60% to 80%. The tangent length between these two adjacent curves is too short to follow AASHTO guidelines for a 50 mph design. In an effort to meet these guidelines, a reduced design speed was used which allows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



CURVE 10

SUPERELEVATION DIAGRAM
NTS

CHESTER
PC = 320+60 R = 2240 FT
PT = 323+20 V = 50 MPH



CURVE 12

SUPERELEVATION DIAGRAM
NTS

CHESTER
PC = 329+50 R = 1820 FT
PT = 332+00 V = 40 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 #03**

SURVEYED BY	CLD	DATE	1/05
DRAWN BY	MRS	DATE	7/06
SQUAD LEADER	CRB		
DESIGN FILE NO.	/pave/01b038/pb038.dgn		
IPARM FILE	pb038d107.i	DATE PLOTTED	6 OCT-2009 17
PROJ. NAME	CHESTER - LUDLOW		
PROJ. NO.	NH 2326(1)S		
SHEET	76	OF	110 SHEETS