DEGREE	RADIUS	30 MPH		40 MPH		50 MPH		60 MPH		70 MPH	
		RATE	LENGTH	RATE	LENGTH	RATE	LENGTH	RATE	LENGTH	RATE	LENGTH
0-15'	22,918'	NC	0	NC	0	NC	0	NC	0	RC	200
0-30'	11,459'	NC	0	NC	0	RC	150	RC	175	RC	200
0-45'	7,639'	NC	0	RC	125	RC	150	1/4"	175	1/4"	200
1°-00'	5,730'	NC	0	RC	125	1/4"	150	1/4"	175	5/16"	200
1°-30'	3,820'	RC	100	1/4"	125	5/16"	150	7/16"	175	1/2"	200
2°-00'	2,865'	1/4"	100	5/16"	125	7/16"	150	9/16"	175	11/16"	200
2°-30'	2,292'	1/4"	100	3/8"	125	1/2"	150	11/16"	175	13/16"	210
3°-00'	1,910'	5/16"	100	7/16"	125	5/8"	150	13/16"	180	15/16"	230
3°-30'	1,637'	5/16"	100	1/2"	125	11/16"	150	7/8"	190	1"	240
4°-00'	1,432'	3/8"	100	9/16"	125	3/4"	150	15/16"	210	1"	240
5°-00'	1,146'	7/16"	100	5/8"	125	13/16"	170	1"	220	D MAX. = 3.5°	
6°-00'	955'	1/2"	100	3/4"	125	15/16"	180	1"	220		
7°-00'	819'	9/16"	100	13/16"	140	15/16"	190	D MAX. = 5.0°			
8°-00'	716'	5/8"	100	7/8"	150	1"	190				
9°-00'	637'	5/8"	100	7/8"	160	D MAX. = 7.6°					
10°-00'	573'	11/16"	100	15/16"	160						
11°-00'	521'	3/4"	110	15/16"	170						
12°-00'	477'	3/4"	120	1"	170						
13°-00'	441'	13/16"	120	1"	170						
14°-00'	409'	13/16"	130	D MAX. = 12.4°							
16°-00'	358'	7/8"	130								
18°-00'	318'	15/16"	140								
20°-00'	286'	15/16"	140								
22°-00'	260'	1"	140								
22.9°	250'	1"	140								

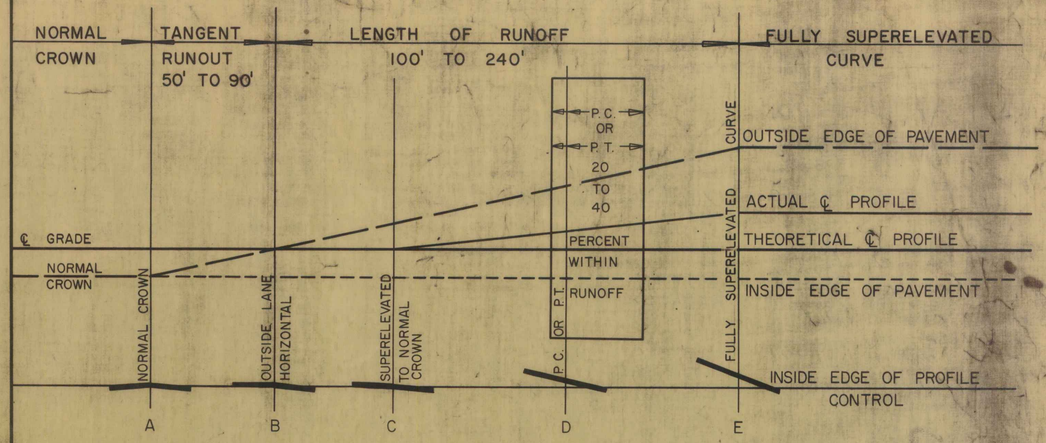
D MAX. = 22.9°

RATE = RATE OF SUPERELEVATION (PER FOOT)
LENGTH = MINIMUM LENGTH OF RUNOFF
NC = NORMAL CROWN SECTION
RC = REMOVE ADVERSE CROWN, SUPERELEVATE AT NORMAL CROWN SLOPE

RATES ARE FIGURED TO THE NEAREST SIXTEENTH INCH
BANKING FOR CURVES NOT LISTED IN TABLE MAY BE DETERMINED FROM GRAPH

DESIGN VALUES FOR RATE OF SUPERELEVATION AND MINIMUM LENGTH OF RUNOFF

RATE	PAVEMENT WIDTHS		
	20'	22'	24'
1/4"	5"	5 1/2"	6"
5/16"	6 1/4"	6 7/8"	7 1/2"
3/8"	7 1/2"	8 1/4"	9"
7/16"	8 3/4"	9 5/8"	10 1/2"
1/2"	10"	11"	12"
9/16"	11 1/4"	12 3/8"	13 1/2"
5/8"	12 1/2"	13 3/4"	15"
11/16"	13 3/4"	15 1/8"	16 1/2"
3/4"	15"	16 1/2"	18"
13/16"	16 1/4"	17 7/8"	19 1/2"
7/8"	17 1/2"	19 1/4"	21"
15/16"	18 3/4"	20 5/8"	22 1/2"
1"	20"	22"	24"

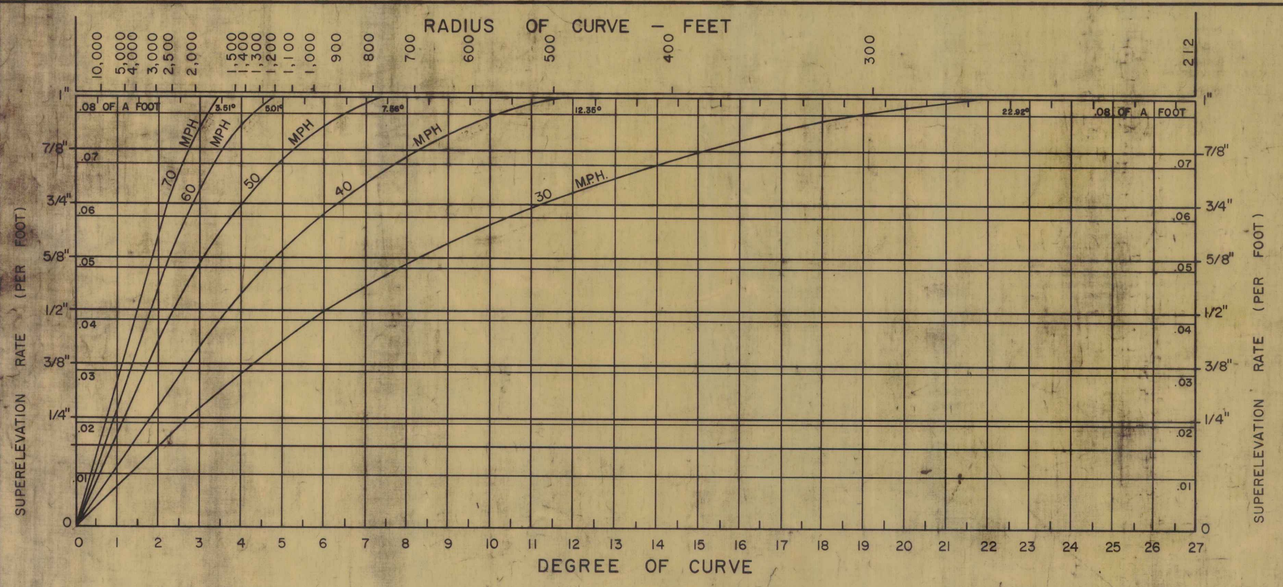


PAVEMENT REVOLVED ABOUT INSIDE EDGE

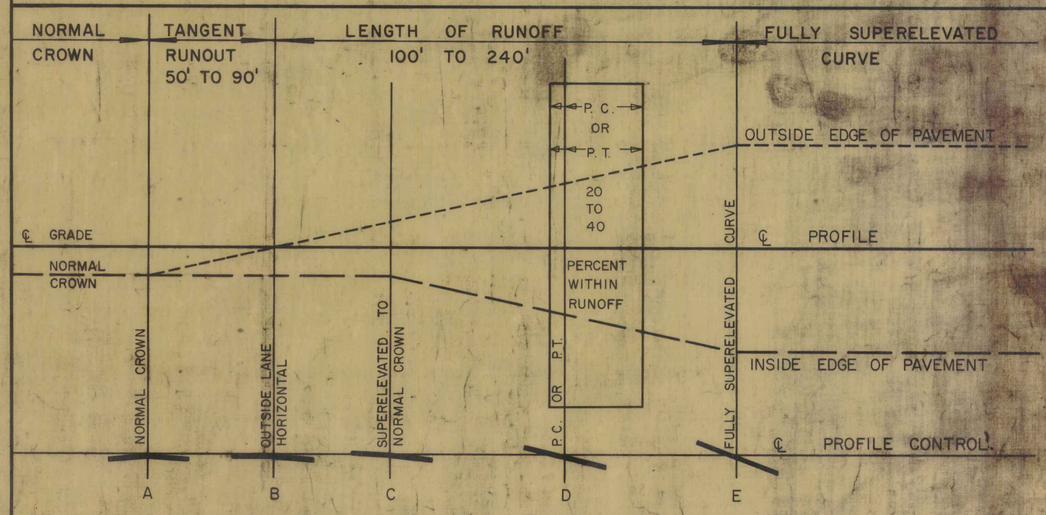
TANGENT RUNOUT: CONSISTS OF MAKING THE LANE OR LANES ON THE OUTSIDE OF THE CURVE HORIZONTAL WITH THE CENTER LINE, USING 50 TO 90 FEET WHERE THE NORMAL CROWN IS APPROXIMATELY 1/4 OF AN INCH PER FOOT.

LENGTH OF RUNOFF FROM 60 TO 80 PERCENT OF THE LENGTH OF RUNOFF PREFERABLY SHOULD BE LOCATED ON THE TANGENT AT CURVES.

BREAKS IN PROFILES FOR PAVEMENT EDGES SHOULD BE ROUNDED IN FINAL DESIGN BY INSERTION OF VERTICAL CURVES. THE MINIMUM VERTICAL CURVE LENGTH IN FEET CAN BE USED NUMERICALLY EQUAL TO THE DESIGN SPEED IN MPH.



DESIGN SUPERELEVATION RATES



PAVEMENT REVOLVED ABOUT CENTER LINE

REVISIONS AND CORRECTIONS

APPROVED DATE May 26, 1958

H.E. Laugust
CHIEF ENGINEER

G.M. Lane
HIGHWAY ENGINEER

F.C. Coates
CONSTRUCTION ENGINEER

DRAWN: L.C.J.
TRACED: GUS AJA

BANKING TABLES

VERMONT
DEPARTMENT OF HIGHWAYS
STANDARD

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