

DEGREE	RADIUS	30 MPH		40 MPH		50 MPH		60 MPH		70 MPH	
		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		
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				
8°-00'	716'	5/8"	100	7/8"	150	1"	190				
9°-00'	637'	5/8"	100	7/8"	160						
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								
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°

DESIGN VALUES FOR RATE OF SUPERELEVATION AND MINIMUM LENGTH OF RUNOFF

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

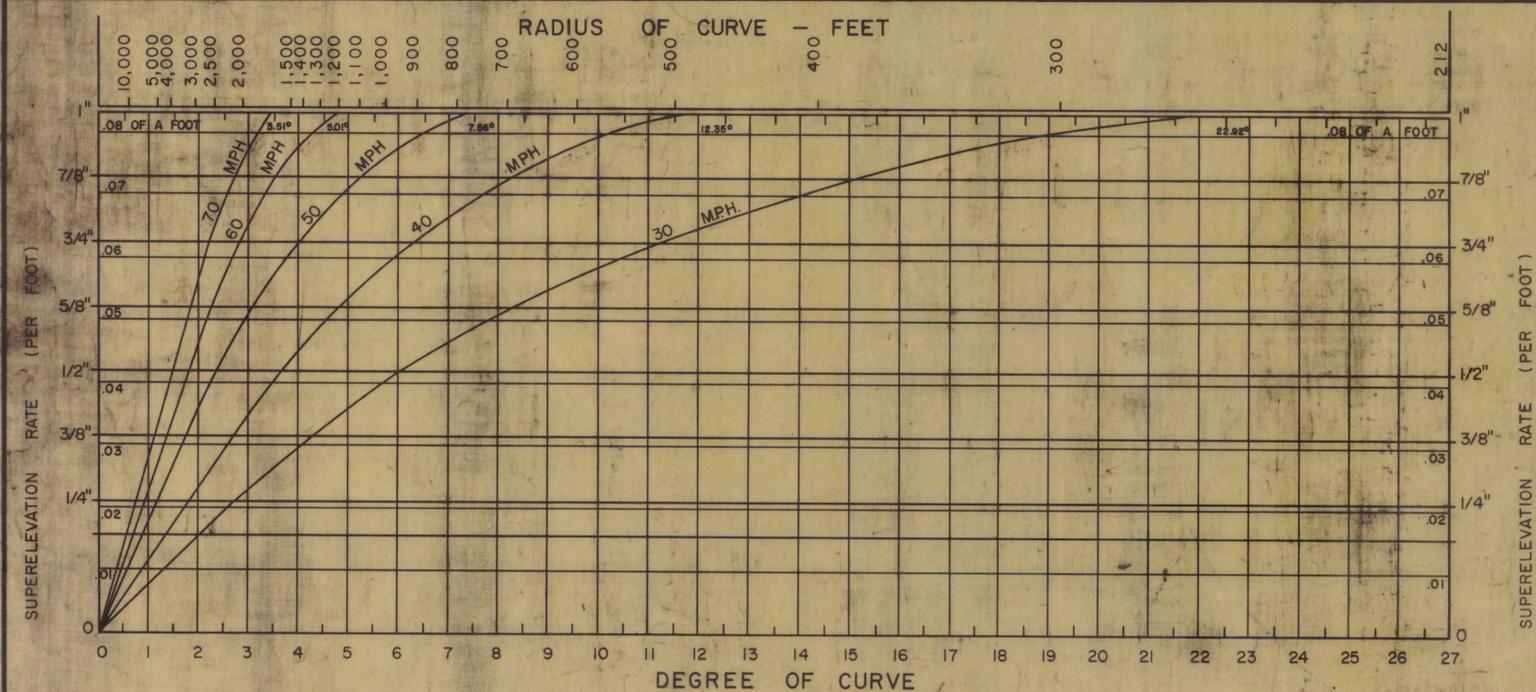
RATE	PAVEMENT WIDTHS		
	20'	22'	24'
1/4"	5"	5 1/2"	6"
5/16"	6 1/4"	6 7/8"	7 1/2"
3/8"	7 1/2"	8 1/4"	9"
7/16"	8 3/4"	9 5/8"	10 1/2"
1/2"	10"	11"	12"
9/16"	11 1/4"	12 3/8"	13 1/2"
5/8"	12 1/2"	13 3/4"	15"
11/16"	13 3/4"	15 1/8"	16 1/2"
3/4"	15"	16 1/2"	18"
13/16"	16 1/4"	17 7/8"	19 1/2"
7/8"	17 1/2"	19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

D MAX. = 7.6°

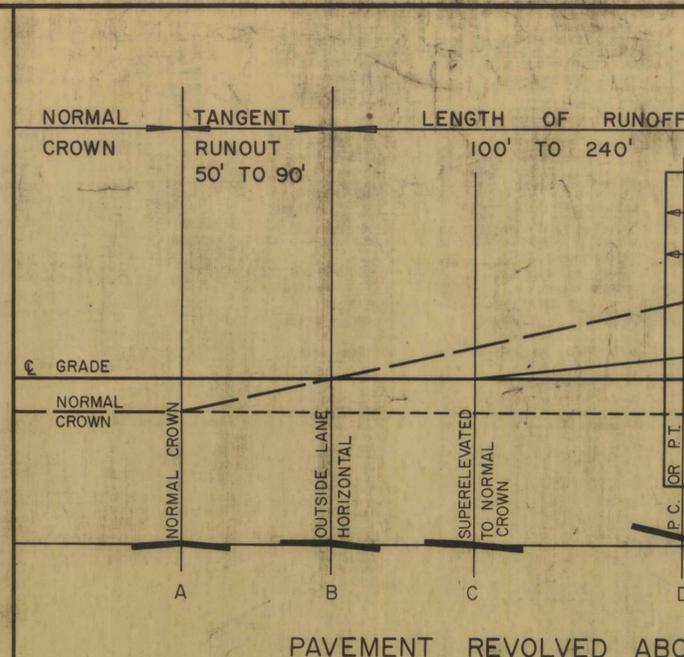
RATES ARE FIGURED TO THE NEAREST SIXTEENTH INCH

BANKING FOR CURVES NOT LISTED IN TABLE MAY BE DETERMINED FROM GRAPH

DESIGN VALUES FOR RATE OF SUPERELEVATION AND MINIMUM LENGTH OF RUNOFF



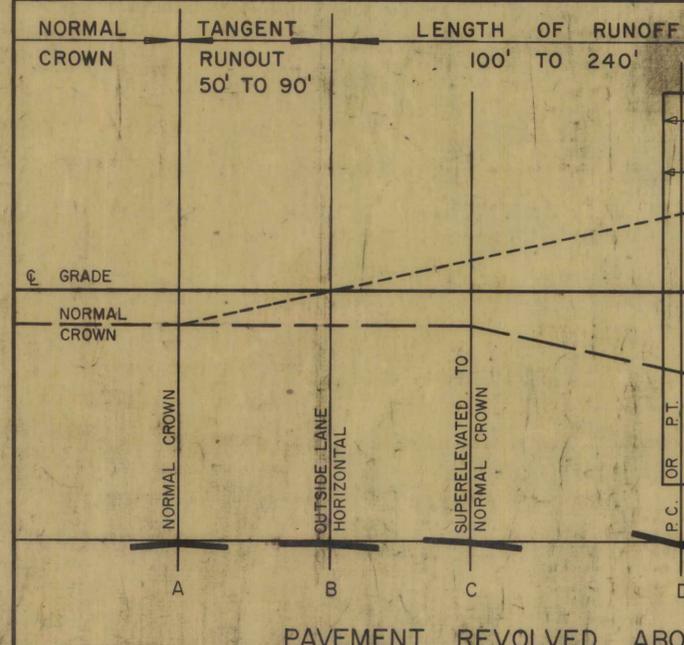
DESIGN SUPERELEVATION RATES



PAVEMENT REVOLVED ABOVE

TANGENT RUNOUT: CONSISTS OF MAKING THE LANE OR LANES ON THE OUTSIDE OF THE CURVE TO BE HORIZONTAL USING 50 TO 90 FEET WHERE THE NORMAL CROWN IS USED. THE LENGTH OF RUNOUT FROM 60 TO 80 PERCENT OF THE LENGTH OF RUNOFF.

BREAKS IN PROFILES FOR PAVEMENT EDGES SHOULD BE MADE AT THE MINIMUM VERTICAL CURVE LENGTH IN FEET CAN BE DETERMINED FROM GRAPH.



PAVEMENT REVOLVED ABOVE

REVISIONS AND CORRECTIONS

APPROVED DATE May 26, 1958

H.E. August
CHIEF ENGINEER

G.M. Lane
HIGHWAY ENGINEER

J.C. Costin
CONSTRUCTION ENGINEER

DRAWN: L.C.J.
TRACED: GUS A1A

BANKING TABLES

VERMONT

DEPT. OF TRANSPORTATION