

DEGREE OF CURVE	RADIUS	V = 30 MPH				V = 40 MPH				V = 50 MPH				V = 60 MPH				V = 65 MPH				V = 70 MPH				V = 75 MPH				V = 80 MPH			
		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET		e	L - FEET						
			2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE		2 LANE	4 LANE	2 LANE	4 LANE	2 LANE	4 LANE	
0° 15'	22918'	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	240	240					
0° 30'	11459'	NC	0	0	NC	0	0	NC	0	0	RC	175	175	RC	190	190	RC	200	200	1/4	220	220	5/16	240	240								
0° 45'	7639'	NC	0	0	NC	0	0	RC	150	150	1/4	175	175	5/16	190	190	3/8	200	200	3/8	220	220	7/16	240	240								
1° 00'	5730'	NC	0	0	RC	125	125	1/4	150	150	3/8	175	175	3/8	190	190	7/16	200	200	1/2	220	220	9/16	240	240								
1° 30'	3820'	RC	100	100	1/4	125	125	3/8	150	150	1/2	175	175	9/16	190	200	5/8	200	240	3/4	220	290	3/4	240	320								
2° 00'	2865'	RC	100	100	5/16	125	125	7/16	150	150	5/8	175	210	11/16	190	250	3/4	200	290	7/8	230	340	15/16	250	380								
2° 30'	2292'	1/4	100	100	3/8	125	125	9/16	150	170	3/4	175	240	13/16	190	290	7/8	220	330	15/16	250	370	1	260	400								
3° 00'	1910'	5/16	100	100	7/16	125	125	5/8	150	190	13/16	180	270	7/8	210	320	15/16	230	350	1	250	380	1	260	400								
3° 30'	1637'	5/16	100	100	1/2	125	140	11/16	150	210	7/8	200	300	15/16	220	330	1	240	360	1	250	380	D MAX. = 2.5°										
4° 00'	1432'	3/8	100	100	9/16	125	150	3/4	150	230	15/16	210	310	15/16	230	340	1	240	360	D MAX. = 3.0°													
5° 00'	1146'	7/16	100	100	11/16	125	170	7/8	170	260	1	220	320	1	230	350	D MAX. = 3.5°																
6° 00'	955'	1/2	100	120	3/4	130	190	15/16	180	280	1	220	320	D MAX. = 4.5°																			
7° 00'	819'	9/16	100	130	13/16	140	210	15/16			190	280	D MAX. = 5.0°																				
8° 00'	716'	5/8	100	140	7/8	150	220	1	190	290																							
9° 00'	637'	11/16	100	150	7/8	160	240	D MAX. = 7.5°																									
10° 00'	573'	11/16	110	160	15/16	160	240																										
11° 00'	521'	3/4	110	170	15/16	170	250																										
12° 00'	477'	13/16	120	180	15/16	170	250																										
13° 00'	441'	13/16	120	180	1	170	250																										
14° 00'	409'	13/16	130	190	D MAX. = 12.5°																												
16° 00'	358'	7/8	130	200																													
18° 00'	318'	15/16	140	210																													
20° 00'	286'	15/16	140	210																													
22° 00'	260'	15/16	140	220																													

V - ASSUMED DESIGN SPEED

e - RATE OF SUPERELEVATION

L - MINIMUM LENGTH OF RUNOFF OF SPIRAL CURVE

NC - NORMAL CROWN SECTION

RC - REMOVE ADVERSE CROWN, SUPERELEVATE AT NORMAL CROWN SLOPE

SPIRALS DESIRABLE BUT NOT AS ESSENTIAL ABOVE HEAVY LINE

LENGTHS ROUNDED IN MULTIPLES OF 25 OR 50 FEET PERMIT SIMPLER CALCULATION

LENGTH OF RUNOFF FOR A 4 LANE HIGHWAY IS BASED ON A ROADWAY WITH 16 FEET OR LESS MEDIAN

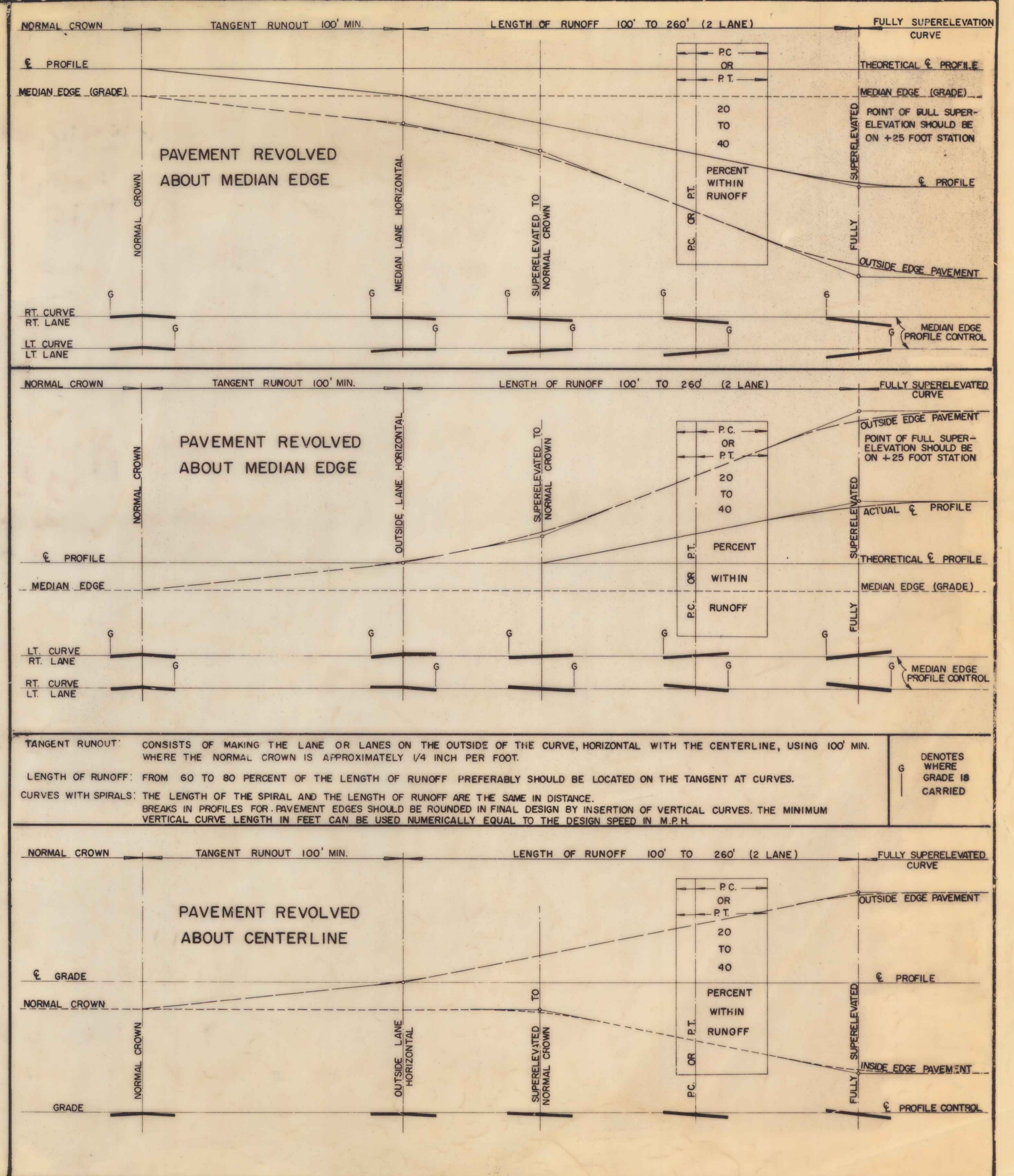
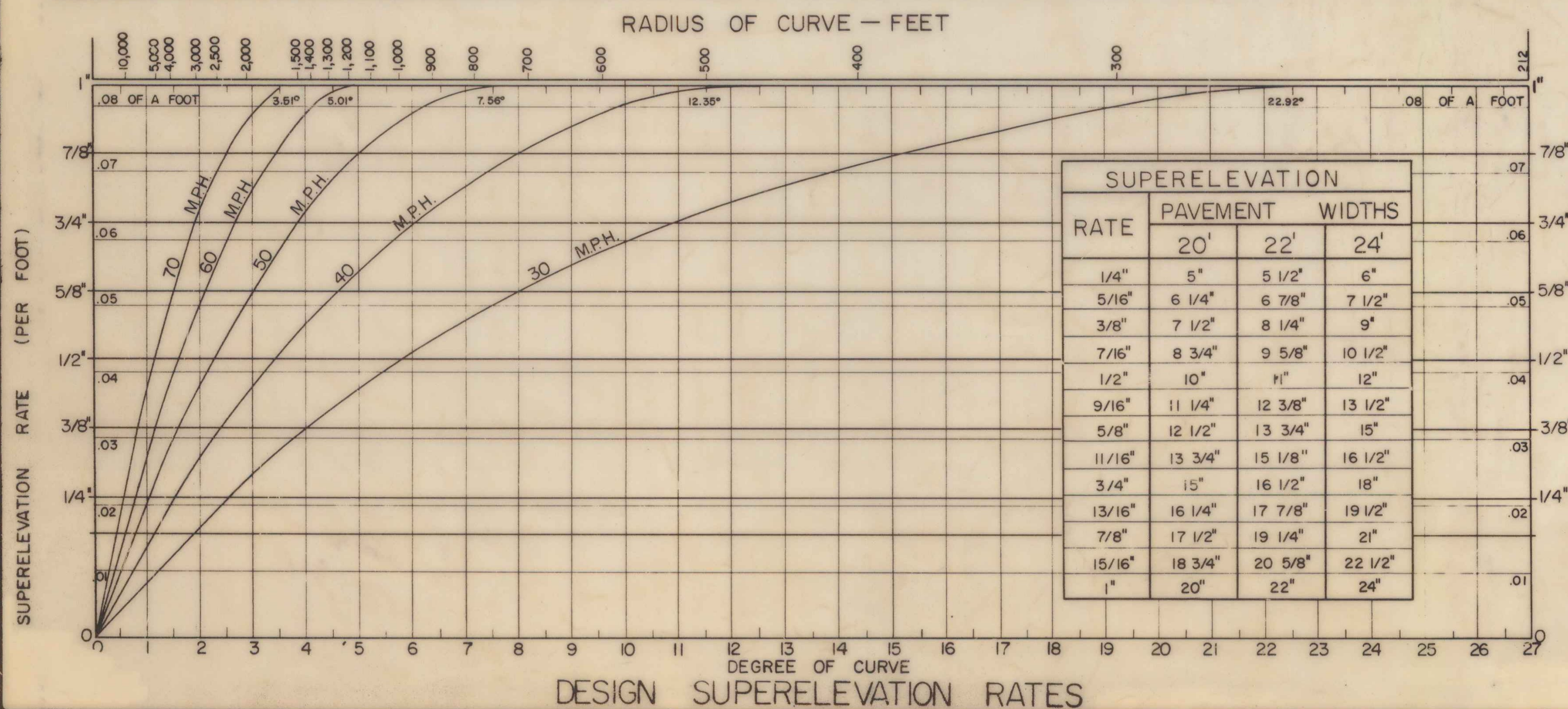
RATES ARE FIGURED TO THE NEAREST SIXTEENTH INCH.

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

V - ASSUMED DESIGN SPEED
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DESIGN VALUES FOR RATE OF SUPERELEVATION AND MINIMUM LENGTH OF RUNOFF



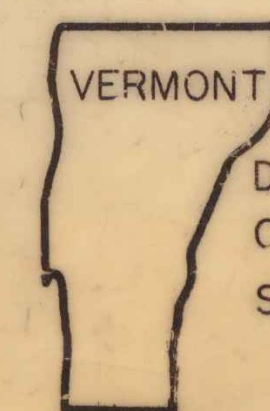
REVISIONS AND CORRECTIONS
MAR 1, 1965... REVISED COMPLETE "PAVEMENT REVOLVING" SECTION
JULY 17, 1967... REVISED BANKING AND LENGTH OF RUNOFF IN ACCORDANCE WITH 1965 BLUE BOOK

APPROVED DATE MARCH 10, 1965

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BANKING TABLES



DEPARTMENT OF HIGHWAYS
STANDARD

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