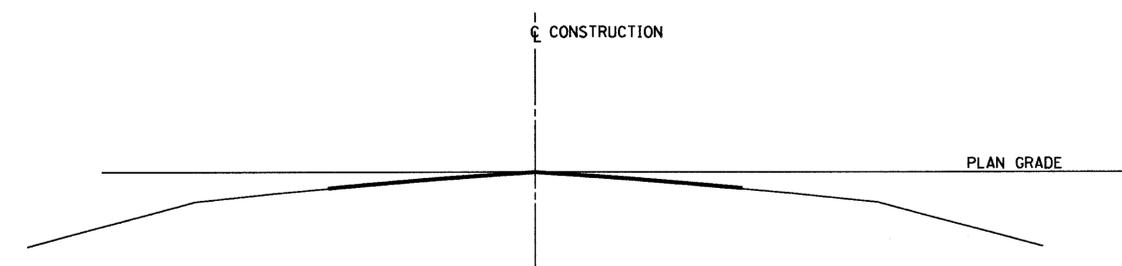


FULL SUPERELEVATED SECTION



NORMAL TANGENT SECTION

*R (m)	V = 40 km/h	V = 50 km/h	V = 60 km/h	V = 70 km/h
	e	e	e	e
2000	NC	NC	NC	NC
1500	NC	NC	NC	RC
1400	NC	NC	RC	2.1
1300	NC	NC	RC	2.3
1200	NC	NC	RC	2.4
1000	NC	RC	2.2	2.9
900	NC	RC	2.5	3.2
800	NC	RC	2.7	3.5
700	RC	2.3	3.1	4.0
600	RC	2.7	3.6	4.5
500	2.3	3.1	4.2	5.3
400	2.8	3.8	5.0	6.3
300	3.6	4.8	6.3	7.8
250	4.2	5.6	7.1	8.7
200	5.0	6.6	8.2	9.6
175	5.6	7.1	8.8	9.9
150	6.2	7.8	9.4	R _{min} = 165
140	6.4	8.1	9.6	
130	6.7	8.5	9.8	
120	7.0	8.8	10.0	
110	7.4	9.1	R _{min} = 115	
100	7.7	9.5		
90	8.2	9.8		
80	8.6	10.0		
70	9.1	R _{min} = 80		
60	9.6			
50	10.0			
	R _{min} = 50			

KEY:
R = RADIUS OF CURVE (m)
V = DESIGN SPEED (km/h)
e = FULL SUPERELEVATION RATE (%)
NC = NORMAL CROWN (2% CROSS SLOPE)
RC = REVERSE CROWN; SUPERELEVATE AT NORMAL CROSS SLOPE (2%)

e_{max} = 10%

*NOTE: FOR CURVE RADII INTERMEDIATE BETWEEN TABLE VALUES, USE A STRAIGHT-LINE INTERPOLATION TO DETERMINE THE SUPERELEVATION RATE.

*EXTRA WIDTH TABLE FOR TRAVELED WAY

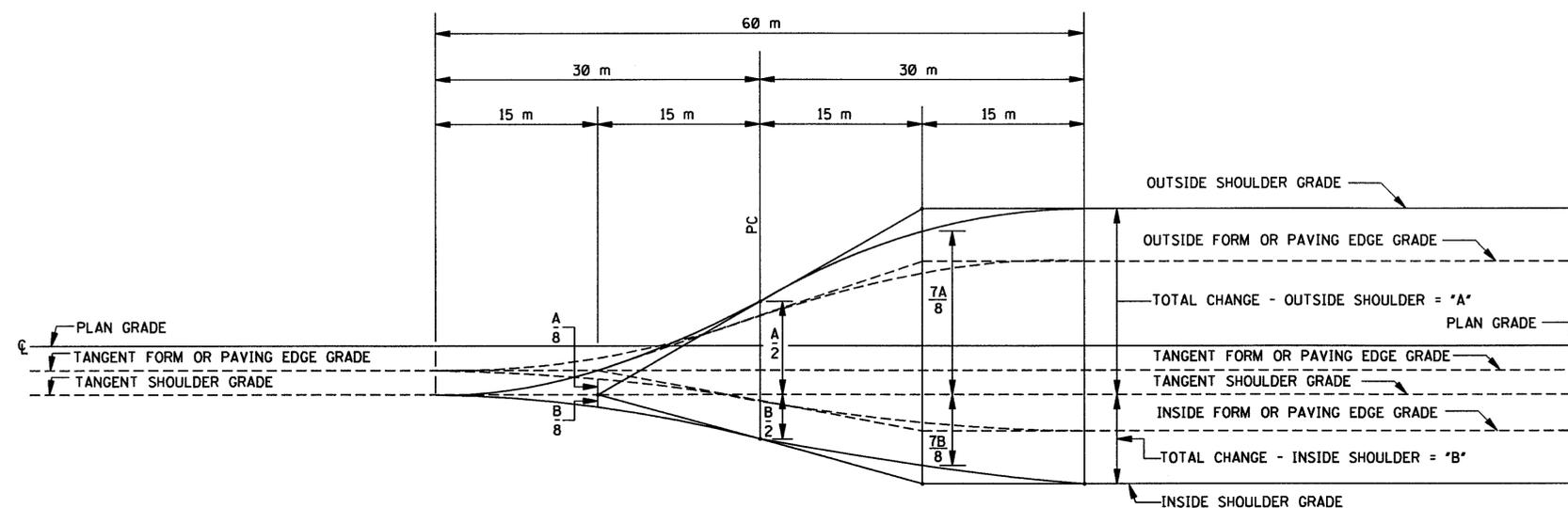
RADIUS OF CURVE "R"	EXTRA WIDTH (m)		
	6.0 m SURF. WIDTH	6.6 m SURF. WIDTH	7.2 m SURF. WIDTH
>750 m	0	0	0
750 m	0.7	0	0
500 m	0.9	0.6	0
300 m	1.0	0.7	0
250 m	1.1	0.8	0
≤ 200 m	1.3	1.1	0

*NOTE: EXTRA WIDTH TO BE ADDED ON INSIDE OF CURVE. THE SPECIFIED EXTRA WIDTH TO BE ADDED AT UNIFORM RATE THROUGHOUT SUPERELEVATION RUNOFF (L). CENTERLINE STRIPE SHOULD EQUALLY DIVIDE SURFACED WIDTH.

GENERAL NOTES:

- THIS SHEET ONLY APPLIES TO LOCAL ROAD FACILITIES IN RESTRICTED LOCATIONS (V ≤ 70 km/h) AND TO DETOURS.
- IT IS SUGGESTED THAT BOTH SHOULDER GRADE & FORM GRADE CORRECTIONS FOR SUPERELEVATION RUNOFF BE DETERMINED GRAPHICALLY. USE STANDARD CROSS SECTION SHEET WITH HORIZONTAL SCALE 1:250 AND VERTICAL SCALE 1:10. CONNECT CONTROL POINTS WITH FLEXIBLE CURVE. CORRECTIONS CAN BE READ AT ANY POINT.
- STATE AID DIVISION: USE STANDARD SA-SE-1.

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.



BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
REVISION	
DATE	ISSUE DATE: OCTOBER 1, 1998

**SUPERELEVATION
TRANSITION
FOR LOCAL FACILITIES**
(V ≤ 70 km/h)



WORKING NUMBER
SE-1
SHEET NUMBER
275