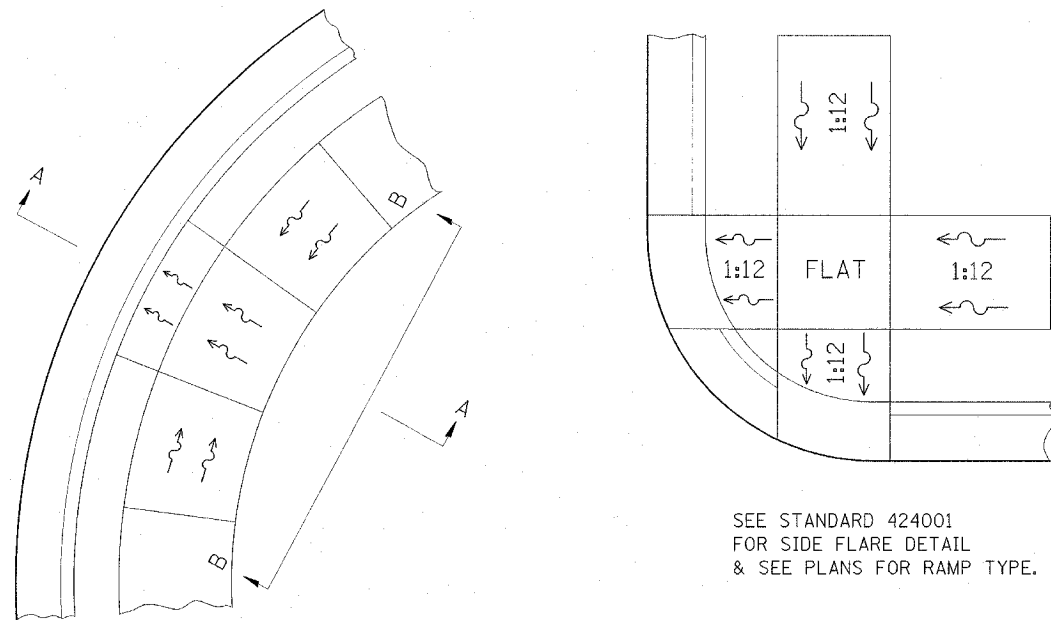
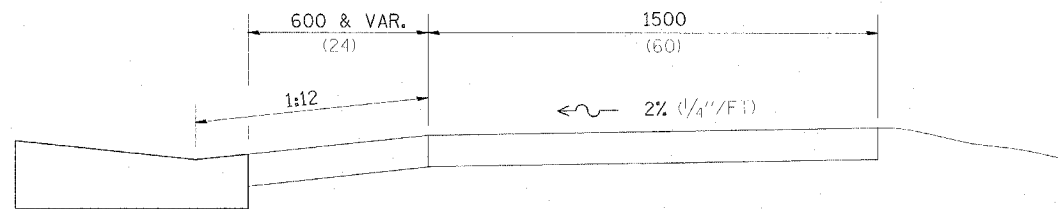


DISABLED RAMP DETAIL

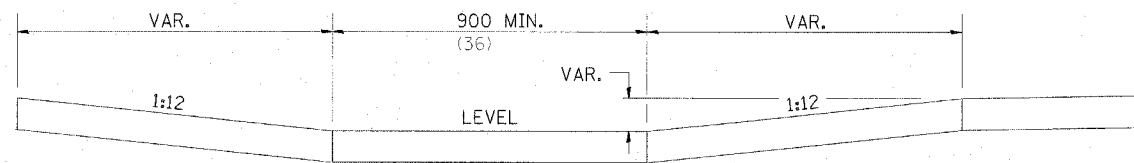


SEE STANDARD 424001 FOR SIDE FLARE DETAIL & SEE PLANS FOR RAMP TYPE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



SECTION A-A



SECTION B-B

NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4"/FT). THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8% (1/2"/FT). IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 1:12 SLOPE, THEN SLOPES BETWEEN 1:10 ARE PERMITTED FOR A MAXIMUM RISE OF 150 (6). SLOPES 1:8 AND 1:10 ARE ALLOWED FOR A MAXIMUM RISE OF 75 (3). SLOPES STEEPER THAN 1:8 ARE NOT PERMITTED. THE DEPRESSED CURB IS NOT STANDARD. THE RISE IS 13 (1/2) INSTEAD OF 40 (1 1/2).

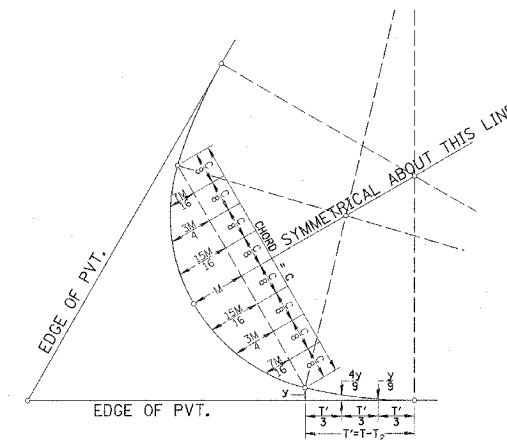
REVISED 12/08/92

THREE CENTER CURVE DATA

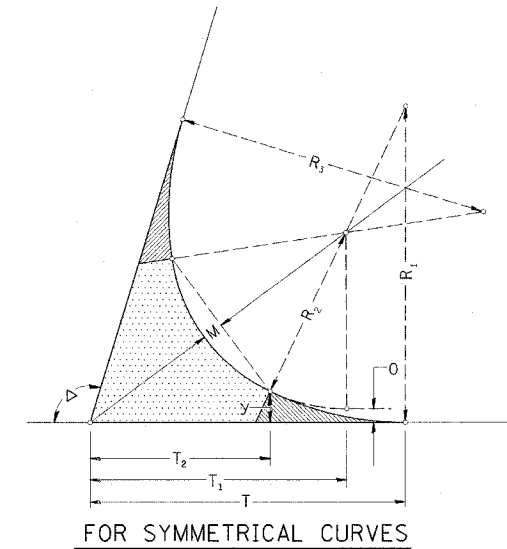
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
517	L-M-3	BOONE	68	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SYMMETRICAL CURVES

CURVE #									
R ₁									
R ₂									
R ₃									
O									
Δ									
T									
T ₁									
T ₂									
T'									
y									
4y/9									
y/9									
M									
15M/16									
3M/4									
7M/16									
C									



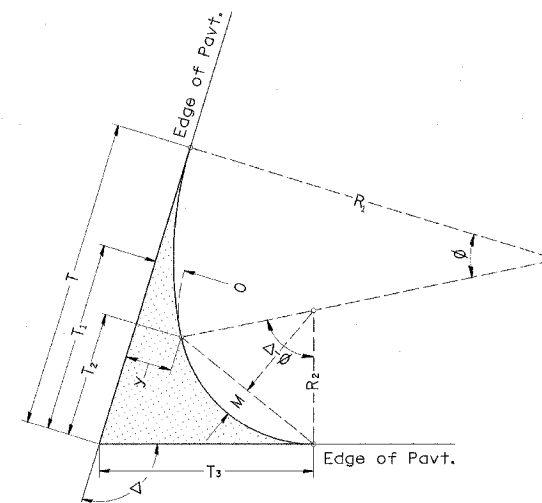
FIELD LAYOUT METHOD



FOR SYMMETRICAL CURVES

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TWO CENTER CURVE DATA



TWO CENTER CURVES

CURVE #	BONUS							
	SW	SE	NW	NE				
R ₁	350	360	320	320				
R ₂	50	120	60	62				
O	13	4	11	10				
Δ	90.89	89.11	89.11	90.89				
T	130.88	161.72	130.22	132.74				
T ₁	50.98	117.90	58.92	61.32				
T ₂	36.26	96.35	42.62	44.61				
T ₃	63.62	121.08	69.08	71.14				
y	14.94	11.00	12.31	12.31				
4y/9	6.64	4.89	5.47	5.47				
y/9	1.66	1.22	1.37	1.37				
M	10.08	26.86	11.82	12.44				
15M/16	9.45	25.18	11.08	11.66				
3M/4	7.56	20.15	8.86	9.33				
7M/16	4.41	11.75	5.17	5.44				
C	60.22	151.32	71.52	73.16				