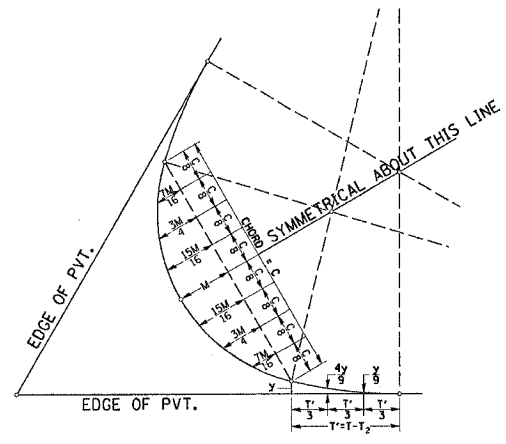


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
654	109 T	CARROLL	36	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

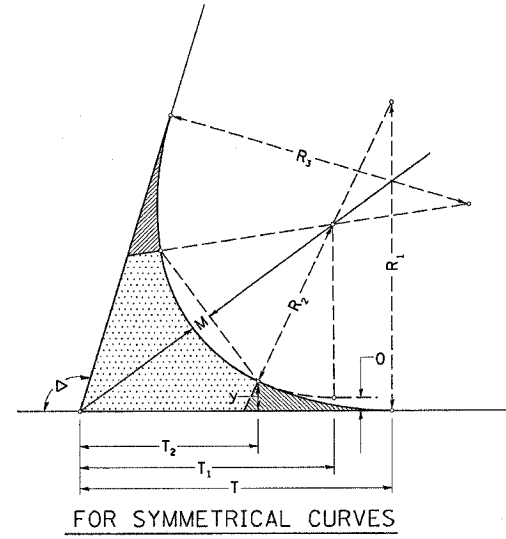
THREE CENTER CURVE DATA

SYMMETRICAL CURVES



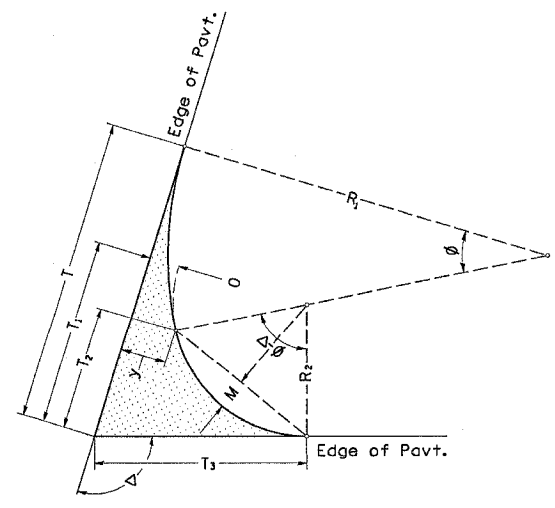
FIELD LAYOUT METHOD

CURVE #							
R ₁							
R ₂							
R ₃							
O							
Δ							
T							
T ₁							
T ₂							
T'							
y							
$\frac{4y}{9}$							
$\frac{y}{9}$							
M							
$\frac{15M}{16}$							
$\frac{3M}{4}$							
$\frac{7M}{16}$							
C							



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

TWO CENTER CURVE DATA



TWO CENTER CURVES

CURVE #	1	2					
R ₁	250	250					
R ₂	50	50					
O	8	8					
Δ	73	74.48					
T	90.55	91.97					
T ₁	34.55	35.79					
T ₂	20.55	21.79					
T ₃	45.36	46.31					
y	10	10					
$\frac{4y}{9}$	4.44	4.44					
$\frac{y}{9}$	1.11	1.11					
M	6.01	6.32					
$\frac{15M}{16}$	5.63	5.92					
$\frac{3M}{4}$	4.50	4.47					
$\frac{7M}{16}$	2.63	2.76					
C	47.52	48.65					

PLOT DATE = Fri Mar 16 14:05:59 2007
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = *REF*