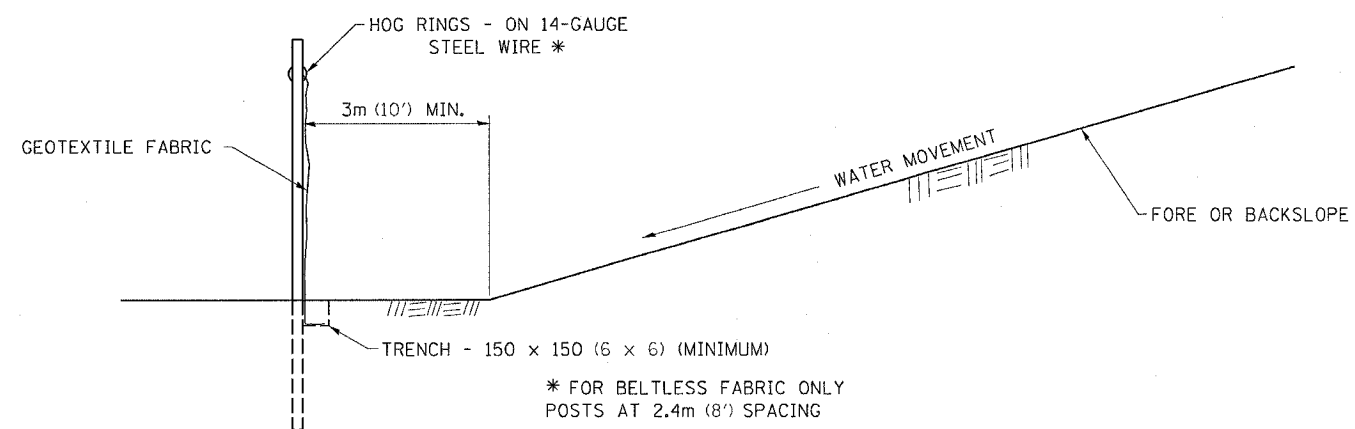
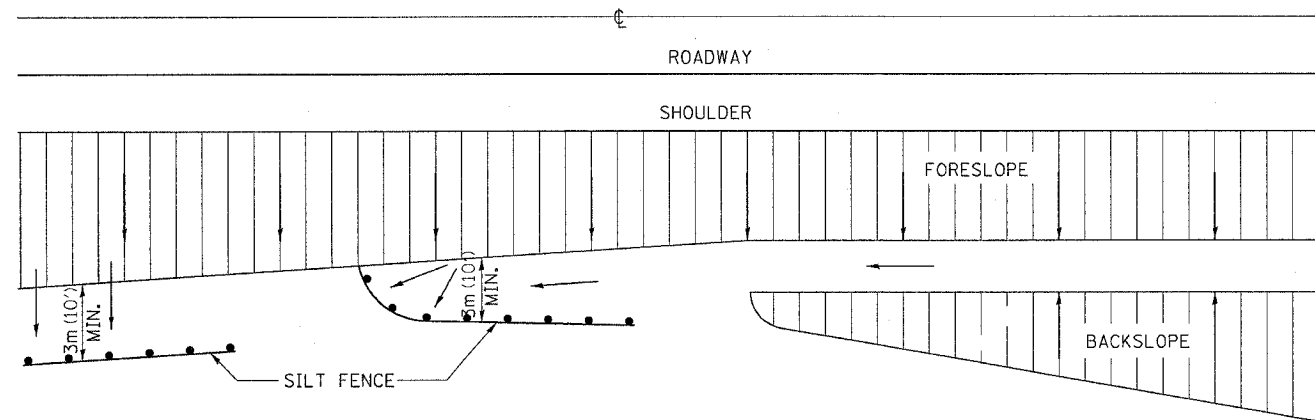


EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

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

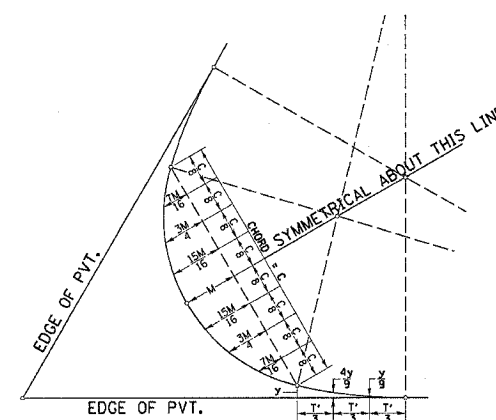
PLOT DATE = Tue Mar 29 07:13:47 2005
 FILE NAME = c:\projects\120r5-3\120r5-3.dwg
 PLOT SCALE = 1:1
 REFERENCE = REF

THREE CENTER CURVE DATA

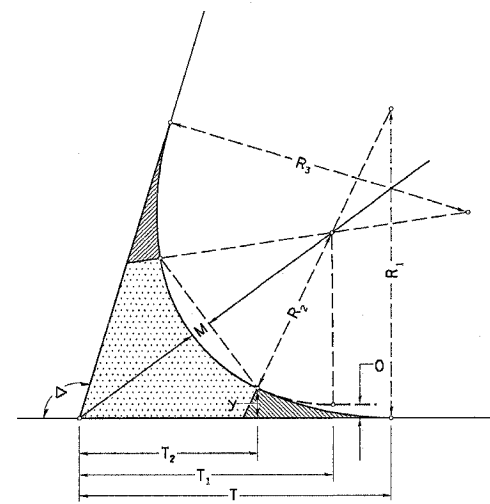
F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120R5-3	OGLE	145	112
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SYMMETRICAL CURVES

CURVE #	4	8					
R ₁	210	210					
R ₂	70	70					
R ₃	210	210					
O	5	5					
Δ	90.00	88.90					
T	112.08	110.65					
T ₁	75.00	73.57					
T ₂	56.46	55.03					
T ¹	55.62	55.62					
y	7.50	7.50					
$\frac{4y}{9}$	3.33	3.33					
$\frac{y}{9}$	0.83	0.83					
M	9.16	8.83					
$\frac{15M}{16}$	8.59	8.28					
$\frac{3M}{4}$	6.87	6.62					
$\frac{7M}{16}$	4.01	3.86					
C	69.24	68.07					



FIELD LAYOUT METHOD

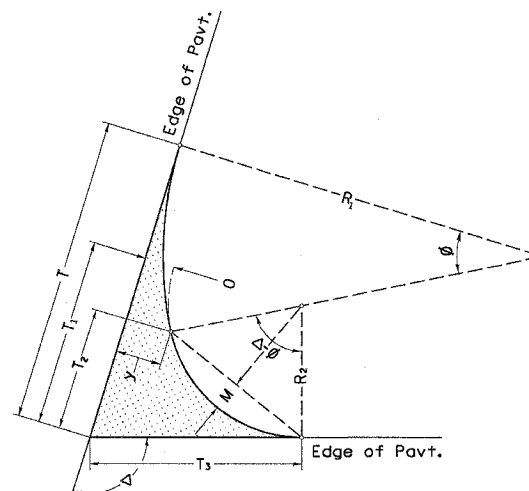


FOR SYMMETRICAL CURVES

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

TWO CENTER CURVE DATA

CURVE #	1	3	5	7			
R ₁	200	360	200	360			
R ₂	80	90	80	90			
O	16.50	8	16.50	8			
Δ	80.79	89.52	75.21	89.71			
T	126.125	154.42	117.99	154.74			
T ₁	65.40	89.18	57.263	89.505			
T ₂	24.91	67.44	16.778	67.759			
T ₃	84.79	97.25	78.685	97.546			
y	27.50	10.67	27.5	10.667			
$\frac{4y}{9}$	12.22	4.74	12.222	4.7407			
$\frac{y}{9}$	3.06	1.19	3.0556	1.1852			
M	7.61	18.86	6.0386	18.948			
$\frac{15M}{16}$	7.13	17.68	5.6612	17.763			
$\frac{3M}{4}$	5.71	14.14	4.5289	14.211			
$\frac{7M}{16}$	3.33	8.25	2.6419	8.2896			
C	68.1101	110.25	60.982	110.48			



TWO CENTER CURVES

REVISED 3-22-90

REVISED 10-22-01