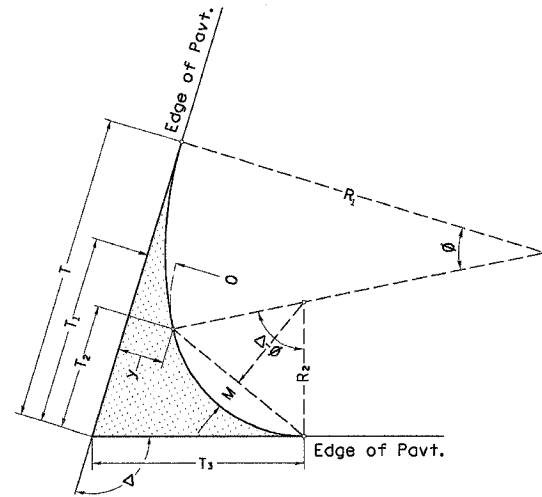


F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	268
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TWO CENTER CURVE DATA

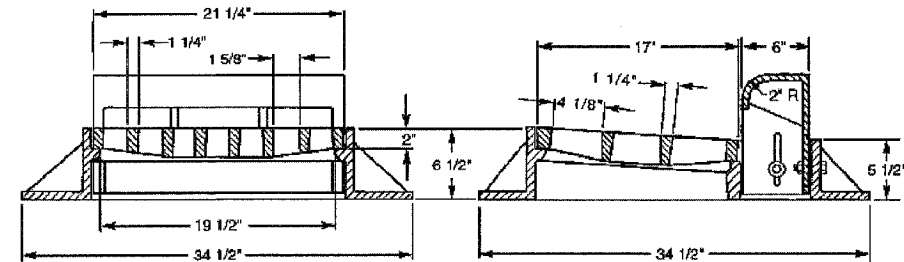
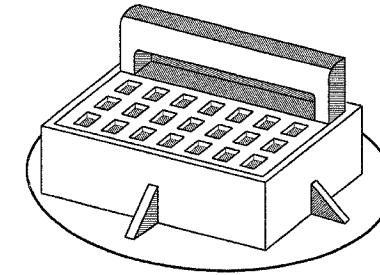


TWO CENTER CURVES

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

CURVE #	1	2	3	4	5	6	7	8
R_1	280	225	75	100	75	250	250	200
R_2	70	75	30	30	30	50	50	30
O	3	3	3	3	3	10	10	4
Δ	79	95	104	74	88	90	89	91
T	92.4899	111.96	55.3017	42.0195	45.0214	112.45	111.41	57.2586
T_1	57.12	82.11	39.15	21.75	28.87	50.00	48.96	30.60
T_2	45.33	67.19	28.38	13.06	18.10	34.39	33.35	24.13
T_3	60.76	84.86	41.49	25.73	31.97	60.00	59.14	34.53
y	4.00	4.50	5.00	4.29	5.00	12.50	12.50	4.71
$\frac{4y}{9}$	1.78	2.00	2.22	1.90	2.22	5.56	5.56	2.09
$\frac{y}{9}$	0.44	0.50	0.56	0.48	0.56	1.39	1.39	0.52
M	12.42	19.06	7.52	3.66	4.98	9.50	9.24	6.78
$\frac{15M}{16}$	11.64	17.86	7.05	3.43	4.67	8.91	8.67	6.35
$\frac{3M}{4}$	9.31	14.29	5.64	2.74	3.73	7.12	6.93	5.08
$\frac{7M}{16}$	5.43	8.34	3.29	1.60	2.18	4.16	4.04	2.96
C	79.602	99.903	39.7417	28.7054	33.099	58.6409	57.9318	37.9811

SPECIAL FRAME & GRATE



GENERAL NOTES:

THE COST OF FURNISHING AND INSTALLING THE GRATE SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED DRAINAGE STRUCTURE.

INLET SHALL BE NEENAH *R-3275 OR EQUIVALENT.

PLOT DATE = Fri, Sep 02 07:12:27 2005
 FILE NAME = C:\projects\2001760\081708pl.dgn
 PLOT SCALE = 1/16" = 1' / IN.
 REFERENCE = 90259