

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
774	107 WRS-2, L	EFFINGHAM	127	19
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 74130

PROP. CURVE TR116A PI STA. = 66+50.52 Δ = 33° 30' 40" (LT) D = 23° 00' 01" R = 249.11' T = 75.00' L = 145.70' E = 11.05' e = N/C P.C. STA. = 65+75.52 P.T. STA. = 67+21.22	PROP. CURVE TR116B PI STA. = 68+94.08 Δ = 17° 57' 11" (RT) D = 23° 00' 01" R = 249.11' T = 39.35' L = 78.06' E = 3.09' e = N/C P.C. STA. = 68+54.73 P.T. STA. = 69+32.78
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PROP. CURVE C98 PI STA. = 52+26.30 Δ = 14° 59' 59" (RT) D = 9° 52' 43" R = 580.01' T = 76.36' L = 151.84' E = 5.00' e = 4.00% P.C. STA. = 51+49.94 P.T. STA. = 53+01.78 SE ATTAINED STA. 50+20.00 TO STA. 51+90.00 SE REMOVED STA. 52+60.00 TO STA. 54+30.00	EXISTING CURVE C5 P.I. STA. = 53+04.92 Δ = 14° 49' 30" (RT) D = 4° 48' 35" R = 1191.22' T = 154.98' L = 308.22' E = 10.04' e = 1.56% P.C. STA. = 51+49.94 P.T. STA. = 54+58.16	EXISTING CURVE C4 P.I. STA. = 878+53.19 Δ = 58° 33' 15" (LT) D = 5° 04' 46" R = 1127.99' T = 632.41' L = 1152.77' E = 165.18' e = 7% P.C. STA. = 872+20.78 P.T. STA. = 883+73.55
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PROP. CURVE C1A
PI STA. = 539+99.97
Δ = 3° 53' 00" (LT)
D = 0° 24' 00"
R = 14,323.90'
T = 485.59'
L = 970.81'
E = 8.23'
e = 1.56%
P.C. STA. = 535+14.38
P.T. STA. = 544+85.19
SE REMOVED STA. 544+00.00 TO STA. 547+00.00

PROP. CURVE C75
PI STA. = 223+92.58
Δ = 31° 32' 36" (RT)
D = 19° 05' 55"
R = 300.00'
T = 84.73'
L = 165.16'
E = 11.74'
e = N/C
P.C. STA. = 223+07.85
P.T. STA. = 224+73.01

STATION EQUATION:
POT STA. 50+00.00 =
STA. 872+16.80

STATION EQUATION:
4' LT STA. 872+23.35 =
PC STA. 872+20.78

STATION EQUATION:
STA. 225+23.01 BK =
STA. 224+88.76 AH

PRC STA. 223+07.85 =
STA. 544+65.39 (IL RTE 33) =
STA. 223+07.85 (RELOCATED 1700TH AVE)
STA. 541+93.85

STATION EQUATION:
4' RT STA. 883+73.55 BK =
STA. 884+96.78 AH
STA. 559+19.18

PROP. CURVE C8
PI STA. = 63+14.03
Δ = 20° 33' 39" (RT)
D = 23° 00' 01"
R = 249.11'
T = 45.18'
L = 89.39'
E = 4.06'
e = N/C
P.C. STA. = 62+68.85
P.T. STA. = 63+58.24

PROP. CURVE C71
PI STA. = 218+88.66
Δ = 33° 10' 11" (RT)
D = 19° 05' 55"
R = 300.00'
T = 89.35'
L = 173.68'
E = 13.02'
e = N/C
P.C. STA. = 217+99.31
P.T. STA. = 219+72.98

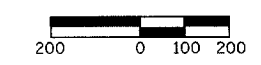
PROP. CURVE C72
PI STA. = 221+60.28
Δ = 63° 57' 15" (LT)
D = 19° 05' 55"
R = 300.00'
T = 187.29'
L = 334.86'
E = 53.67'
e = N/C
P.C. STA. = 219+72.98
P.T. STA. = 223+07.85

PROPOSED CURVE C1
P.I. STA. = 551+75.52
Δ = 3° 52' 10" (RT)
D = 0° 24' 01"
R = 14317.15'
T = 483.62'
L = 966.87'
E = 8.17'
e = 1.56%
P.C. STA. = 546+91.90
P.T. STA. = 556+58.77
SE ATTAINED STA. 547+00.00 TO STA. 549+50.00
SE REMOVED STA. 549+50.00 TO STA. 550+00.00

PROPOSED CURVE C2
P.I. STA. = 909+09.01
Δ = 9° 11' 48" LT.
D = 1° 57' 24"
R = 2928.11'
T = 235.51'
L = 470.00'
E = 9.46'
e = 4.89%
P.C. STA. = 906+73.50
P.T. STA. = 911+43.50
SE ATTAINED STA. 905+85.00 TO STA. 908+00.00
SE REMOVED STA. 911+00.00 TO STA. 913+15.00

PROP. CURVE C16
PI STA. = 83+78.61
Δ = 24° 35' 40" (RT)
D = 11° 07' 12"
R = 515.26'
T = 112.32'
L = 221.18'
E = 12.10'
e = ----
P.C. STA. = 82+66.29
P.T. STA. = 84+87.47

PROJECT ENDS SHOWN FOR
STA. 942+50.00 REFERENCE ONLY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
HORIZONTAL ALIGNMENT PLAN
SCALE: 1"=200'
DATE 4/22/02
DRAWN BY NUJ
CHECKED BY BKB