F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1215	99-00169-05-WR	LAKE	153	27
CONTRACT NO. 83847	ILLINOIS	SUNSET AVENUE		

DELANY ROAD

BM 201: EL=681.45'
SET "X" ON NW FLANGE BOLT OF 1ST HYDRANT EAST OF DELANY RD., S. SIDE OF SUNSET AVENUE
N 117377.331
E 116380.112

POT Sta 0+00.00 (CONST ℄= POT Sta 0+00.00 (EX ℄)
N 117425.255
E 116032.442

PC Sta 5+68.98
N 117406.310
E 116601.105

PROP. CURVE 1
PI STA. = 7+30.06
Δ = 2° 15' 03" (LT)
D = 0° 41' 55"
R = 8,200.00'
T = 161.09'
L = 322.13'
E = 1.58'
P.C. STA. = 5+68.98
P.T. STA. = 8+91.11
SE = N.C.

CURVE 1

PT Sta 8+91.11
N 117401.910
E 116923.184

BM 202: EL=678.05'
SET "[]" AT SE CORNER OF C.B. ON S. SIDE OF SUNSET AVE., ±265' W. OF RR OVERPASS
N 117378.306
E 117005.937

PC Sta 10+77.55
N 117403.025
E 117109.625

PROP. CURVE 2
PI STA. = 12+39.27
Δ = 2° 15' 03" (RT)
D = 0° 41' 46"
R = 8,232.00'
T = 161.71'
L = 323.39'
E = 1.59'
P.C. STA. = 10+77.55
P.T. STA. = 14+00.94
SE = N.C.

CURVE 2

EXISTING ℄
CONSTRUCTION ℄

MATCH LINE STA. 14+00

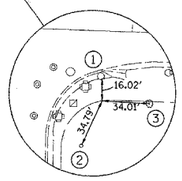
PI Sta 7+30.06
N 117400.946
E 116762.101

EX ℄ POT
Sta 8+63.00
N 117396.520
E 116894.962

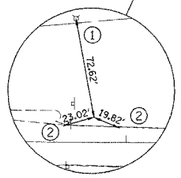
PI Sta 12+39.27
N 117403.992
E 117271.336

0+00
5+00
10+00

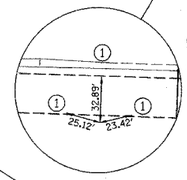
CP 101: FND 100-D NAIL
IN GRASS IN SE QUADRANT OF DELANY ROAD AND SUNSET AVE.
N 117371.948
E 116110.771
① "X" ON ±3' x 3' CONCRETE INLET RIM
② "X" ON CONCRETE FLAG POLE BASE
③ MAG NAIL IN W. FACE OF ±18" DIA. TREE



CP 102: FND 100-D NAIL
IN GRASS ON N. SIDE OF SUNSET AVE., ±750' E. OF ℄ OF DELANEY RD.
N 117420.181
E 116809.153
① TOP NUT ON HYDRANT
② P.K. NAIL IN CURB



CP 103: SET 5/8" IRON ROD
±5' S. OF S. CURB OF SUNSET AVE., ±165' W. OF RR OVERPASS
N 117360.946
E 117375.634
① MAG NAIL



POT Sta 104+00.00 (EX ℄ NW AVE)
N 117736.799
E 118685.063

UNION PACIFIC R.R.

PI Sta 18+17.30
N 117384.744
E 117849.095

PROP. CURVE 3
PI STA. = 18+17.30
Δ = 2° 20' 00" (RT)
D = 0° 41' 46"
R = 8,232.00'
T = 167.65'
L = 335.25'
E = 1.71'
P.C. STA. = 16+49.66
P.T. STA. = 19+84.90
SE = N.C.

BM 204: EL=687.01'
SET "[]" ON S. CURB OF SUNSET AVE., ±475' W. OF NORTHWESTERN AVE. ℄
N 117335.116
E 118232.032

PROP. CURVE 4
PI STA. = 23+08.50
Δ = 2° 20' 00" (LT)
D = 0° 41' 55"
R = 8,200.00'
T = 166.99'
L = 333.94'
E = 1.70'
P.C. STA. = 21+41.50
P.T. STA. = 24+75.44
SE = N.C.

PT Sta 24+75.44
N 117342.851
E 118505.889

NORTHWESTERN AVENUE

BM 205: EL=700.07'
SET "[]" ON S. CURB OF SUNSET AVE., ±100' E. OF NORTHWESTERN AVE. ℄
N 117304.293
E 118797.375

MATCH LINE STA. 28+00

EXISTING ℄
CONSTRUCTION ℄
CURVE 3

MATCH LINE STA. 14+00

15+00
20+00
25+00

EX ℄ POT
Sta 15+10.35
N 117374.965
E 117541.959

PC Sta 16+49.66
N 117390.326
E 117681.542

PT Sta 19+84.90
N 117372.344
E 118016.282

CURVE 4

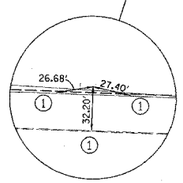
PC Sta 21+41.50
N 117360.762
E 118172.450

PI Sta 23+08.50
N 117348.411
E 118338.987

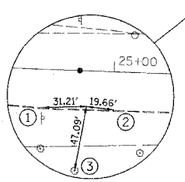
PT Sta 14+00.94
N 117398.607
E 117432.960

BM 203: EL=672.01'
SET "[]" ON S. CURB OF SUNSET AVE., ±135' E. OF RR OVERPASS
N 117355.998
E 117674.073

CP 104: SET 5/8" IRON ROD
±5' N. OF N. CURB OF SUNSET AVE., ±425' E. OF RR OVERPASS
N 117380.382
E 117941.006
① MAG NAIL



CP 105: SET MAG NAIL
IN S. BIT. SHOULDER OF SUNSET AVE., ±180' W. OF ℄ OF NORTHWESTERN AVE.
N 117316.892
E 118510.567
① MAG NAIL
② P.K. NAIL
③ MAG NAIL IN N. FACE OF ±12" TREE



Sta 26+54.13 (CONST ℄)=
POT Sta 100+00.00 (EX ℄ NW AVE)
N 117336.901
E 118684.479

Sta 26+57.02 (CONST ℄)=
POT Sta 100+00.00 (EX ℄ NW AVE)
N 117336.805
E 118687.362

POT Sta 26+54.23 (CONST ℄)=
POT Sta 26+53.60 (EX ℄)
N 117336.898
E 118684.575

POT Sta 96+00.00 (EX ℄ NW AVE)
N 116936.926
E 118680.037

50 0 50 100
SCALE IN FEET

REVISIONS	
NAME	DATE

LakeCounty Division of Transportation

SUNSET AVENUE

ALIGNMENT AND TIES

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
R.L. & S. NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
No.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.L. & S. NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
No.
BY
DATE