F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	136
STA. 102+050	TO STA. 102+395			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-91-552-99				60881

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED	TEMPLATE			
PLOTTED	AREAS			
	AREAS CHECKED			

WILLOW PARKWAY

FULL SUPERELEVATION -3.6%

SUPERELEVATION TRANSITION -2% TO -3.6%

+080.572 32.458m LT

+062.913 10.162m LT

+079.036 23.255m LT

+067.081 2.929m LT

+099.529 28.857m LT

+100.740

+140.740

75.0m R

56.0m R

15.0m R

321.2m R

328.4m R

+115.167 9.950m LT

+114.071 PT STA 102+114.071

+139.707 PC STA 102+139.707

+177.471 PT STA 102+177.471

PCC PAVEMENT, 250mm, JOINTED

+161.159 0.850m RT

+220.267 2.750m RT

EXISTING ROW

+250.361 15.722m LT

+267.027 15.481m LT

REFER TO DRIVEWAY DETAILS

+367.648 18.626m LT

8.0m R

+359.648 9.950m LT

FIRE STATION

9.7m

+377.358 18.621m LT

8.0m R

+385.357 9.950m LT

MATCHLINE STA. 102+050

MATCHLINE STA. 102+395

6.9m 7.1m 7.2m 7.2m

0.4m R

1.7m R

90.2°

CURVE IL-22-6

102+050

102+100

102+150

102+200

102+250

102+300

+067.051 2.079m LT

0.4m R

CORRUGATED MEDIAN

S 87° 39' 43" E

45.636 m

10.8m 1.9m 7.2m

+109.814 2.359m RT

+140.210 0.850m RT

CURVE IL-22-7

41.86°

47.83°

5.5m

+359.747 2.750m LT

+359.838 0.850m LT

+321.945 2.750m RT

1.8m R

88.56°

+388.571 2.750m LT

+388.610 0.850m LT

0.95m R

7.2m 10.8m

ILLINOIS ROUTE 22

343.4m R

COMB CONC CURB AND GUTTER, TYPE B-15.30

1.4m R

+069.141 10.835m RT

+111.140 9.963m RT

15.0m R

4.8m 7.2m

+083.359 25.025m RT

PCC SIDEWALK, 125mm

STA. 102+088.250

+097.252 24.816m RT

+166.740

EXISTING ROW

CONCRETE MEDIAN, TYPE SB (SPECIAL)

COMB CONC CURB AND GUTTER, TYPE B-15.60

102+372.974

102+235.988

102+278.169

COMB CONC CURB AND GUTTER, TYPE B-15.60

FULL SUPERELEVATION +3.6%

SUPERELEVATION TRANSITION +3.6% TO -2%

N

KEY MAP

IL RTE 83 | IL RTE 22 | GROVE RD | ARBORETUM | FIRE DEPT | MAIN ST | STEVENSON | OLD HALF DAY

BUFFALO | PRAIRIE | BARCLAY

Prop. Curve IL-22-7
PI Sta. 102+158.589
Δ = 0° 51' 56" (LT)
T = 18.882 m
R = 2,500.000 m
L = 37.763 m
E = 0.071 m
PC Sta. 102+139.707
PT Sta. 102+177.471
e= N/A
T.R.= N/A
S.E. RUN= N/A

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED	TEMPLATE			
PLOTTED	AREAS			
	AREAS CHECKED			

212.5

210.0

207.5

205.0

MATCHLINE STA. 102+050

WILLOW PARKWAY

FIRE STATION

MATCHLINE STA. 102+395

PROPOSED PROFILE GRADE LINE

VPI Sta. 102+120.000
Elevation 211.120

+0.50% -0.50%

+100.000 El. 211.019

+140.000 El. 211.020

ex = -0.05
K = 40
40.00 m V.C.

EXISTING GROUND ALONG PROP ℄

EXISTING GROUND ALONG PROP ℄ PROPOSED PROFILE GRADE LINE

210.896 210.767 | 210.880 210.893 | 210.858 211.019 | 210.795 211.067 | 210.760 210.910 | 210.715 210.845 | 210.641 210.720 | 210.594 210.595 | 210.523 210.470 | 210.382 210.345 | 210.181 210.220

102+050 | 102+075 | 102+100 | 102+125 | 102+150 | 102+175 | 102+200 | 102+225 | 102+250 | 102+275 | 102+300

203.971 210.095 | 209.779 209.970 | 209.650 209.845

102+325 | 102+350 | 102+375

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 22 (FAP 337)
IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)

PROPOSED PLAN AND PROFILE

STA. 102+050 TO STA. 102+395

SHEET 8 OF 18

SCALE: HORIZ. 1:500 VERT. 1:50 | DRAWN BY: JSM

DATE: 03-22-2004 | CHECKED BY: JNR

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