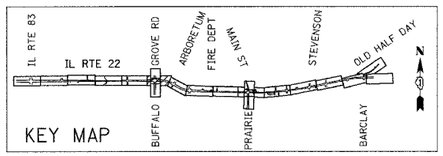
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	134
STA. 101+510		TO STA. 101+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99				60881

DATE	BY	
		SURVEYED
		PLOTTED
		TEMPLATE
		AREAS
		AREAS CHECKED

FINAL SURVEY
NOTE BOOK
NO.

ORIGINAL SURVEY
NOTE BOOK
NO.

+614.954
31.408m LT
+614.926
25.864m LT
+600.549
30.473m LT
STA. 101+613.705 ℄ ILLINOIS ROUTE 22
STA. 10+200.000 ℄ BUFFALO GROVE ROAD
PCC SIDEWALK, 125mm
COMB CONC CURB AND GUTTER, TYPE B-15.60
+549.234
11.950m LT
EXISTING ROW
+555.000
2.40m
+588.612
16.158m LT
15.0m R
+592.325
4.750m LT
15m R
200m R
+588.311
2.450m LT
7.2m
2.3m
18.0m
2.3m
101+550
ILLINOIS ROUTE 22
PROPOSED ROW
2.4m
+585.198
15.550m RT
15.0m R
+599.920
27.674m RT
200.0m R
PCC SIDEWALK, 125mm
LIMIT OF PAVEMENT FABRIC
+585.000
SEE SEPARATE SHEET FOR CONTINUATION
+638.000
+616.316
31.401m LT
+616.311
30.304m LT
28.0m R
0.5m R
+615.919
25.778m LT
90°17'46"
10+200.000 m
101+600
1.0m R
28.0m R
0.5m R
+611.035
30.305m RT
+612.439
27.757m RT
BUFFALO GROVE ROAD
MATCHLINE STA. 101+510
SEE SEPARATE SHEET FOR CONTINUATION
SEE STRUCTURAL DRAWINGS FOR TUNNEL MODIFICATIONS
SUPERELEVATION TRANSITION
-2% TO +3.8%
+704.171
200m R
+627.390
24.078m LT
15.0m R
+642.113
11.950m LT
CONCRETE MEDIAN, TYPE SB-15.60 (TYP.)
+690.836
PC STA. 101+690.836
11.950m LT
EXISTING ROW
FULL SUPERELEVATION
+3.8%
PCC PAVEMENT, 250mm, JOINTED
COMB CONC CURB AND GUTTER, TYPE B-15.60
304.75m R
311.95m R
+789.940
4.750m LT
28.0m R
+634.873
2.761m RT
+639.035
2.450m RT
101+650
14.4m
2.450m RT
297.55m R
101+700
+714.940
2.450m RT
1.0m R
+635.021
4.750m RT
200m R
7.2m
2.3m
4.750m RT
295.25m R
101+750
11.950m RT
288.05m R
+638.870
15.842m RT
+656.045
16.555m RT
+678.133
11.950m RT
+665.000
15.0m R
+626.815
30.473m RT
SUPERELEVATION TRANSITION
-2% TO -3.8%
+664.171
+704.171
FULL SUPERELEVATION
-3.8%
+740.490
4.750m RT
+785.490
1.150m RT
10.8m
5.9m
EXISTING ROW
MATCHLINE STA. 101+800
N



KEY MAP

POROUS GRANULAR EMBANKMENT, SUBGRADE (300mm)

215.0
212.5
210.0
207.5

MATCHLINE STA. 101+510
BUFFALO GROVE ROAD
MATCHLINE STA. 101+800
+5.40
EXISTING GROUND AT PROP ℄
PROPOSED PROFILE GRADE LINE
EXISTING GROUND ALONG PROP ℄
PROPOSED PROFILE GRADE LINE
+530.000 El. 211.384
ex = 0.05
K = 39
40.00 m V.C.
+570.000 El. 211.380
-0.52%
+0.50%
VPI Sta. 101+550.000
Elevation 211.280
VPI Sta. 101+764.000
Elevation 212.350
+0.50%
-0.70%
+739.000 El. 212.225
ex = -0.08
K = 42
50.00 m V.C.
+789.000 El. 212.175
211.420
211.410
211.267
211.331
211.371
211.405
211.429
211.530
211.584
211.655
211.723
211.780
211.823
211.905
211.951
212.030
211.994
212.155
212.030
212.265
212.138
212.249
101+775
101+525
101+550
101+575
101+600
101+625
101+650
101+675
101+700
101+725
101+750

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. 101+510 TO STA. 101+800
SHEET 6 OF 18

SCALE: HORIZ. 1:500
VERT. 1:50
DRAWN BY: JSM
DATE: 03-22-2004
CHECKED BY: JNR

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