F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	132
STA. 100+835		TO STA. 101+180		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

D-91-552-99

60881

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

STEEL PLATE BEAM GUARDRAIL
TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL
TRAFFIC BARRIER TERMNAL, TYPE 2
COMB CONC CURB AND GUTTER, TYPE B-15.60
2.4m PCC SIDEWALK, 125mm
COMB CONC CURB AND GUTTER, TYPE B-15.60
SEGMENTAL CONCRETE BLOCK WALL
STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE
SINGLE BOX CULVERT SEE STRUCTURAL DRAWINGS
STEEL PLATE BEAM GUARDRAIL, TYPE A
PCC PAVEMENT, 250mm, JOINTED
COMB CONC CURB AND GUTTER, TYPE M-15.60 STA. 100+941 TO STA. 101+109
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
2.4m PCC SIDEWALK, 125mm

MATCHLINE STA. 100+835

PRC STA 100+850.024
+843.3
+854.7
+926.390
13.125m LT
+930.000
+930.190
13.125m LT
PT STA 100+950.069
PROPOSED ROW
+005.000
+093.590
13.125m LT
+108.790
13.411m LT
EXISTING ROW
3.2m
7.2m
5.5m
18.3m
℄-ROW

CURVE IL-22-4
CURVE IL-22-3
100+850
100+900
100+950
101+000
101+050
101+100
101+150
ILLINOIS ROUTE 22
+978.642
+128.726
2.750m RT

EXISTING ROW
PROPOSED ROW
COMB CONC CURB AND GUTTER, TYPE B-15.60
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
+901.477
10.861m RT
+916.720
10.575m RT
STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE
STEEL PLATE BEAM GUARDRAIL, TYPE A
+989.032
10.575m RT
+985.232
10.575m RT
TRAFFIC BARRIER TERMINAL, TYPE 2
KILDEER CREEK

MATCHLINE STA. 101+180

Prop. Curve IL-22-3
PI Sta. 100+800.006
Δ = 1° 44′ 49″ (LT)
T = 50.026 m
R = 3,280.976 m
L = 100.044 m
E = 0.381 m
PC Sta. 100+749.980
PT Sta. 100+850.024
e= N/A
T.R.= N/A
S.E. RUN= N/A

Prop. Curve IL-22-4
PI Sta. 100+900.050
Δ = 1° 44′ 50″ (RT)
T = 50.026 m
R = 3,280.976 m
L = 100.045 m
E = 0.381 m
PC Sta. 100+850.024
PT Sta. 100+950.069
e= N/A
T.R.= N/A
S.E. RUN= N/A

KEY MAP
IL RTE 83 | IL RTE 22 | GROVE RD | BUFFALO | ARBORETUM | FIRE DEPT | MAIN ST | PRAIRIE | STEVENSON | BARCLAY | OLD HALF DAY | N

POROUS GRANULAR EMBANKMENT, SUBGRADE (150mm)

ex = 0.64
K = 44
150.00 m V.C.
+890.000 El. 213.110
+886.000 FL 213.158
VPI Sta. 100+965.000
Elevation 211.650
PROPOSED PROFILE GRADE LINE
-1.95%
+1.48%
EXISTING GROUND AT PROP ℄
PROPOSED PROFILE GRADE LINE
+040.000 El. 212.761
+050
+080.000 El. 213.354
VPI Sta. 101+100.000
Elevation 213.650
+1.48%
+1.27%
ex = -0.01
K = 191
40.00 m V.C.
+120.000 El. 213.904

215.0
212.5
210.0
207.5

MATCHLINE STA. 100+835
MATCHLINE STA. 101+180

213.506 213.238
213.121 213.387
212.564 212.927
211.947 212.568
211.607 212.353
211.497 212.281
211.649 212.351
212.035 212.565
212.639 212.909
213.183 213.280
213.625 213.640
213.831 213.968
214.209 214.286
214.582 214.604

100+850 | 100+875 | 100+900 | 100+925 | 100+950 | 100+975 | 101+000 | 101+025 | 101+050 | 101+075 | 101+100 | 101+125 | 101+150 | 101+175

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

REVISIONS	
NAME	DATE
ADDENDUM #1	5/20/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 22 (FAP 337)
IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)
PROPOSED PLAN AND PROFILE
STA. 100+835 TO STA. 101+180
SHEET 4 OF 18

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

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