F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	142
STA. 104+090		TO STA. 104+410		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99				60881

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

MATCHLINE STA. 104+090

SUPERELEVATION TRANSITION TO STA +168.000
-2.0% TO +2.2%

FULL SUPERELEVATION TO STA +475.000

+102.000

+159.748
28.336m LT

15.5m
15m R

+175.210
28.588m LT

TEMPORARY EASEMENT

COMB CONC CURB AND GUTTER, TYPE B-15.60

EXISTING ROW

100m R

+150.125
16.260m LT

+189.419
9.950m LT

+115.499
9.950m LT

7.2m

PC STA 104+102.000

+175.257
24.361m LT

15m R

88°38'00"

N 75°41'08" E
99.476 m

104+150

68°55'45"

+136.514
2.750m LT

CORRUGATED MEDIAN (TYP.)

104+166.757

104+200

104+250

104+300

104+350

104+400

ILLINOIS ROUTE 22

COMB CONC CURB AND GUTTER, TYPE B-15.60 (TYP.)

PCC PAVEMENT, 250mm, JOINTED (TYP.)

CONCRETE MEDIAN, TYPE SB (SPECIAL) (TYP.)

PCC SIDEWALK, 125mm (MATCH EXISTING)

CORRUGATED MEDIAN (TYP.)

+365.877
22.452m LT

+353.921
34.770m LT

+357.683
14.587m LT

+245.800
0.850m RT

+290.914
2.750m LT

+302.704
9.950m LT

+290.934
0.850m LT

+245.800
2.750m RT

+245.437
9.950m RT

+208.265
9.950m RT

+172.503
15.745m RT

10.8m

7.2m

0.8m

1.9m

14.4m

+325.945
0.850m LT

CURVE IL-22-13

PC STA 10+016.950

OLD HALF DAY ROAD
STA 10+030

2.4m

2m R

+382.107
24.118m LT

10m R

+390.639
9.950m LT

PC STA 10+000.000

10+000
N 0° 24' 08" E
16.950 m

88°31'02"

104+374.192

104+400

+393.970
11.263m RT

MATCHLINE STA. 104+410

+128.294
13.550m RT

15m R

+158.705
23.526m RT

PROPOSED ROW

+143.295
28.905m RT

+142.219
34.609m RT

T/C EL. 202.166

+163.030
44.966m RT

3m - CCC & G
TYPE B-15.60
DEPRESSED

+141.930
37.597m RT

T/C EL. 202.151

100m R

EXISTING ROW

+136.607
62.548m RT

24.2m ROW

+133.594
70.356m RT

+124.389
98.299m RT

SCHELTER ROAD

1.8:1.0

+167.039
29.808m RT

7.6m C.E.

+164.948
37.050m RT

PCC DRIVEWAY PAVEMENT, 200mm (TYP.)

13.4m C.E.

+159.648
58.003m RT

PCC DRIVEWAY PAVEMENT, 200mm (TYP.)

SUPER TRANS•

FULL SUPERELEVATION TO STA +475.000

5.4m C.E.

+149.786
78.861m RT

+151.127
73.672m RT

+133.144
101.679m RT

8:1.0

100m R

EXISTING ROW

PROPOSED ROW

2.4m BITUMINOUS SIDEPATH (SEE NOTE)

CONCRETE MEDIAN, TYPE SB-15.60

+290.910
13.550m RT

Prop. Curve IL-22-13
PI Sta. 104+322.985
Δ = 19° 06' 59" (RT)
T = 168.386 m
R = 1,000.000 m
L = 333.642 m
E = 14.078 m
PC Sta. 104+154.600
PT Sta. 104+488.242
e= 2.20%
T.R.= 26 m
S.E. RUN= 40 m

•SUPERELEVATION TRANSITION
STA +154.600 TO STA +168.000

+352.500
13.550m RT

15m R

+367.691
25.974m RT

+367.944
38.750m RT

+379.963
38.750m RT

BARCLAY BOULEVARD

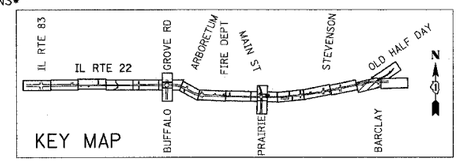
2.4m BIT PATH

+381.688
25.506m RT

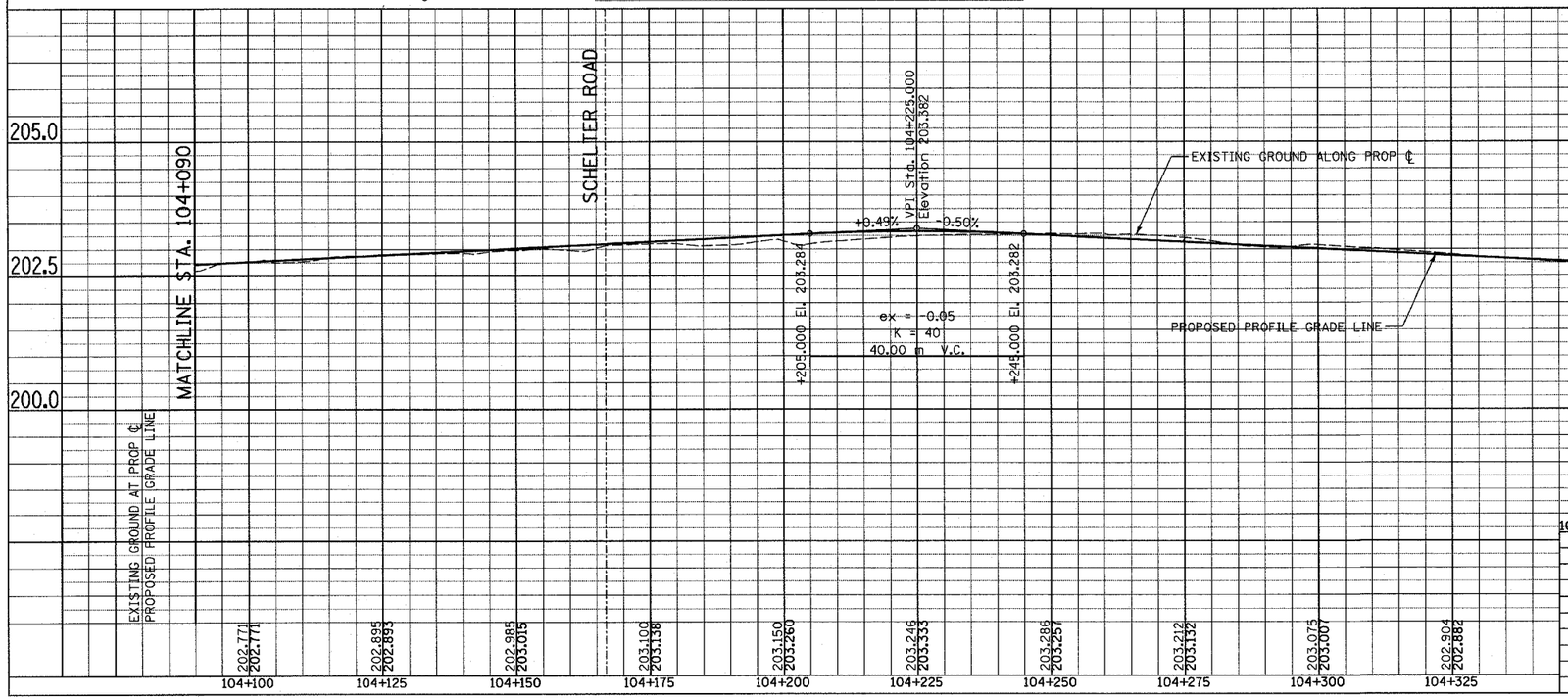
MATCHLINE STA. 104+410

NOTE: BITUMINOUS SIDEPATH PAID FOR AS: BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50, 50mm AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 100mm

KEY MAP



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



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. 104+090 TO STA. 104+410
SHEET 14 OF 18

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

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