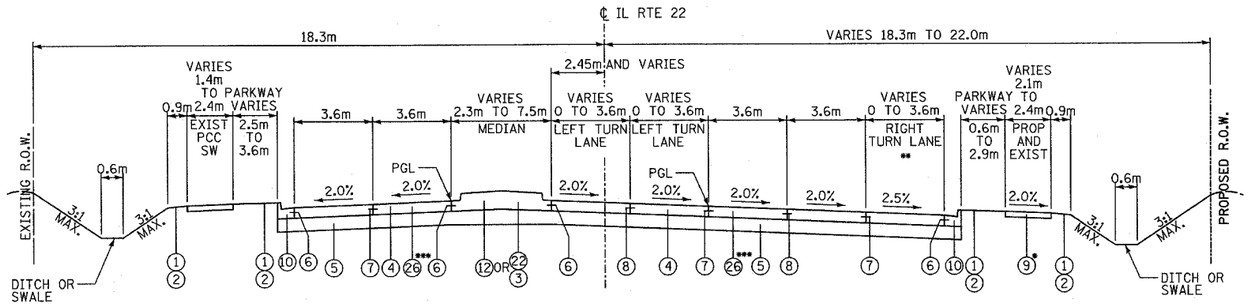
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	19
STA. 99+815.000		TO STA. 104+665.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99				60881



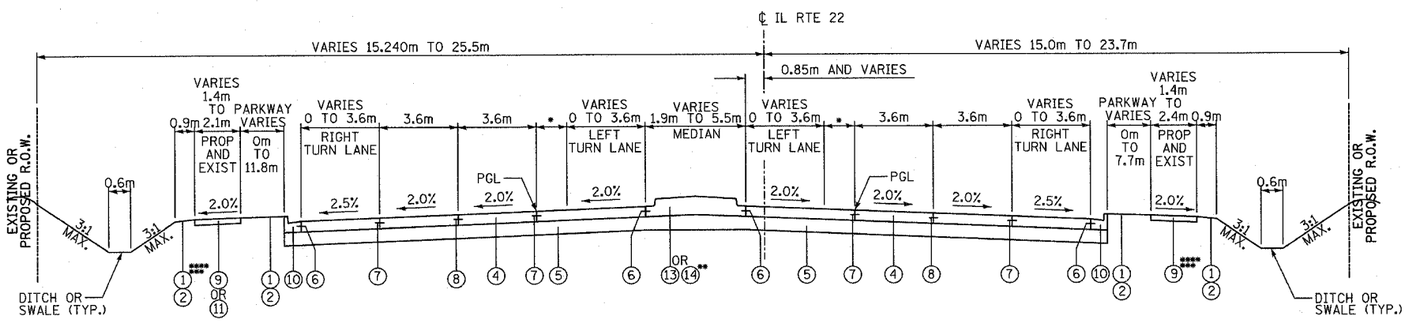
ILLINOIS ROUTE 22

STA. 101+414.060 TO STA. 101+613.705

* PROPOSED SIDEWALK
STA. 101+466.206 TO STA. 101+599.920 RT
EXISTING SIDEWALK TO REMAIN ALL OTHER AREAS

** RIGHT TURN LANE STA. 101+503.311 TO STA.101+585.198

*** PAVEMENT FABRIC
STA. 101+400.000 TO STA. 101+585.000



ILLINOIS ROUTE 22

* PAINTED MEDIAN VARIES 0m TO 1.4m

*** PCC SIDEWALK, 125mm
STA. 101+128.726 TO STA. 101+244.000 LT
STA. 101+259.405 TO STA. 101+310.875 RT
STA. 102+852.140 TO STA. 103+030.189 RT & LT
STA. 103+086.182 TO STA. 103+212.212 RT & LT
STA. 103+212.212 TO STA. 102+275.477 RT
STA. 103+493.217 TO STA. 104+030.147 LT (BIT. SIDEPATH)
STA. 103+653.091 TO STA. 104+003.417 RT
STA. 104+026.582 TO STA. 104+102.000 RT (BIT. SIDEPATH)

STA. 100+273.045 TO STA. 100+415.388
STA. 100+608.157 TO STA. 100+749.980
STA. 101+128.726 TO STA. 101+414.060
STA. 102+321.945 TO STA. 102+464.469
STA. 102+550.000 TO STA. 102+703.306
STA. 102+735.576 TO STA. 103+030.189
STA. 103+086.182 TO STA. 104+003.147
STA. 104+026.582 TO STA. 104+102.000

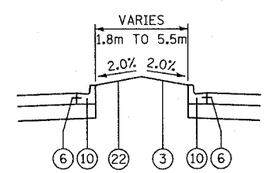
**** EXISTING PCC SIDEWALK
STA. 101+259.000 TO STA. 101+414.060 LT
STA. 101+310.875 TO STA. 101+414.060 RT
STA. 102+321.945 TO STA. 102+464.467 LT & RT
STA. 102+550.000 TO STA. 102+703.306 RT
STA. 102+735.576 TO STA. 102+852.140 RT
STA. 103+212.212 TO STA. 103+493.217 LT
STA. 103+275.477 TO STA. 103+653.091 RT

WESTBOUND SUPERELEVATION LIMITS

TRANSITION STA. 101+638.171 TO STA. 101+704.171
3.8% SE RIGHT STA. 101+704.171 TO STA. 101+829.160
TRANSITION STA. 101+829.160 TO STA. 101+895.160
NORMAL CROWN STA. 101+895.160 TO STA. 101+924.600
TRANSITION STA. 101+924.600 TO STA. 101+964.599
3.6% SE LEFT STA. 101+964.599 TO STA. 102+100.740
TRANSITION STA. 102+100.740 TO STA. 102+140.740
NORMAL CROWN STA. 102+140.740 TO STA. 104+101.921
TRANSITION STA. 104+101.921 TO STA. 104+167.921
2.2% SE RIGHT STA. 104+167.867 TO STA. 104+474.910
TRANSITION STA. 104+474.910 TO STA. 104+540.108

EASTBOUND SUPERELEVATION LIMITS

TRANSITION STA. 101+664.171 TO STA. 101+704.171
3.8% SE RIGHT STA. 101+704.171 TO STA. 101+829.160
TRANSITION STA. 101+829.160 TO STA. 101+869.160
NORMAL CROWN STA. 101+869.160 TO STA. 101+898.600
TRANSITION STA. 101+898.600 TO STA. 101+964.599
3.6% SE LEFT STA. 101+964.599 TO STA. 102+100.740
TRANSITION STA. 102+100.740 TO STA. 102+166.740
NORMAL CROWN STA. 102+166.740 TO STA. 104+154.593
TRANSITION STA. 104+154.593 TO STA. 104+167.921
2.2% SE RIGHT STA. 104+167.921 TO STA. 104+474.910
TRANSITION STA. 104+474.910 TO STA. 104+540.108



LANDSCAPE MEDIAN DETAIL

1. LANDSCAPE MEDIAN WHEN THE MEDIAN WIDTH IS 1.8m OR GREATER.
2. CONCRETE MEDIAN OF TYPE SPECIFIED WHEN THE MEDIAN WIDTH IS LESS THAN 1.8m

LEGEND

1. TOPSOIL FURNISH AND PLACE, 100mm
2. SODDING, SALT TOLERANT
3. SEEDING (TYPE AS SPECIFIED IN PLANS)
4. PORTLAND CEMENT CONCRETE PAVEMENT 250mm (JOINTED)
5. AGGREGATE SUBGRADE, 300mm
6. CONSTRUCTION JOINT WITH NO. 20 DEFORMED TIE BAR (EPOXY COATED), 600mm LONG @ 600mm CENTERS, DRILL & GROUT IN PLACE (INCLUDED IN COST OF CURB & GUTTER)
7. CONSTRUCTION JOINT WITH NO. 25 DEFORMED TIE BAR (EPOXY COATED), 600mm LONG @ 600mm CENTERS, DRILL & GROUT IN PLACE (INCLUDED IN COST OF PCC PAVEMENT)
8. SAWED LONGITUDINAL JOINT WITH NO. 20 DEFORMED TIE BAR (EPOXY COATED), 750mm LONG @ 750mm CENTERS (INCLUDED IN COST OF PCC PAVEMENT)
9. PORTLAND CEMENT CONCRETE SIDEWALK 125mm
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
11. BITUMINOUS SIDEPATH (SEE DETAIL)
12. CONCRETE MEDIAN, TYPE SB-15.60
13. CONCRETE MEDIAN, TYPE SB (SPECIAL)
14. CORRUGATED MEDIAN
15. BITUMINOUS SHOULDERS SUPERPAVE, 250mm
16. COMBINATION CONCRETE CURB AND GUTTER, TYPE B15.30
17. BITUMINOUS BASE COURSE, SUPERPAVE 250mm
18. BITUMINOUS SURFACE REMOVAL
19. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 38mm
20. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70, 38mm
21. AGGREGATE SHOULDERS, TYPE B 250mm
22. TOPSOIL, FURNISH AND PLACE, 600mm
23. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50, 38mm
24. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70, 100mm
25. PORTLAND CEMENT CONCRETE SHOULDERS, 250mm
26. PAVEMENT FABRIC
27. COMBINATION CONCRETE CURB AND GUTTER, TYPE M5.30
28. INCIDENTAL BITUMINOUS SURFACING - 50mm
29. BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 250mm
30. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N50, 50mm

UNDERCUT LOCATIONS AND DEPTH BELOW SUBGRADE

STA. 100+550.000 TO STA. 101+050.000 - 150mm
STA. 101+500.000 TO STA. 101+640.000 - 300mm
STA. 102+600.000 TO STA. 102+700.000 - 300mm
STA. 103+370.000 TO STA. 103+650.000 - 150mm
STA. 103+650.000 TO STA. 103+750.000 - 300mm

ILLINOIS ROUTE 22

STRUCTURAL DESIGN TRAFFIC: YEAR 2014
PV = 31,188 SU = 930 MU = 1,096
ROAD/STREET CLASSIFICATION: CLASS 1
P = 32% S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 8.10 AC TYPE = XX
MINIMUM TF = 6.03

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

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

REVISIONS	
NAME	DATE

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

PROPOSED TYPICAL SECTIONS
ILLINOIS RTE 22

SCALE: NONE DRAWN BY: JSM
DATE: 03-22-2004 CHECKED BY: JNR