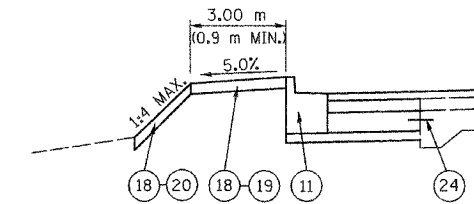
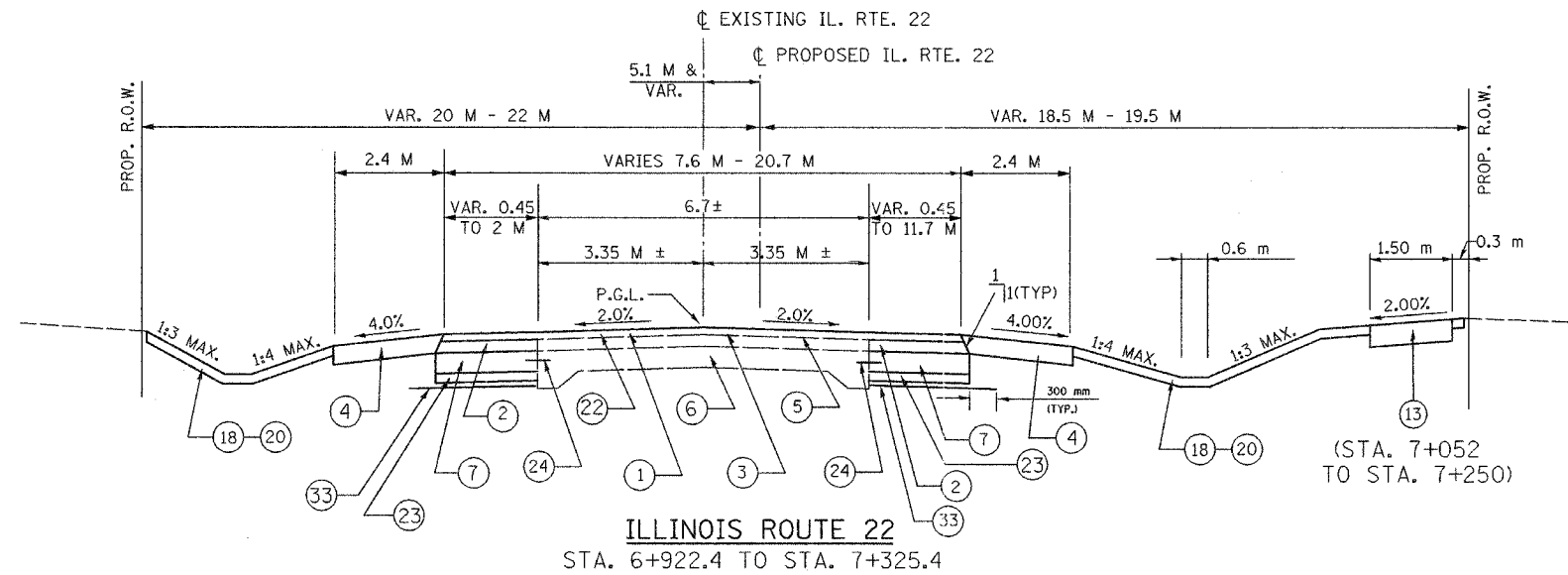


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	19R-1	LAKE	800	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

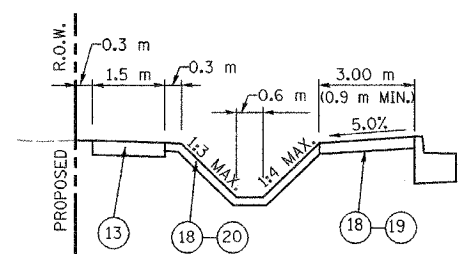
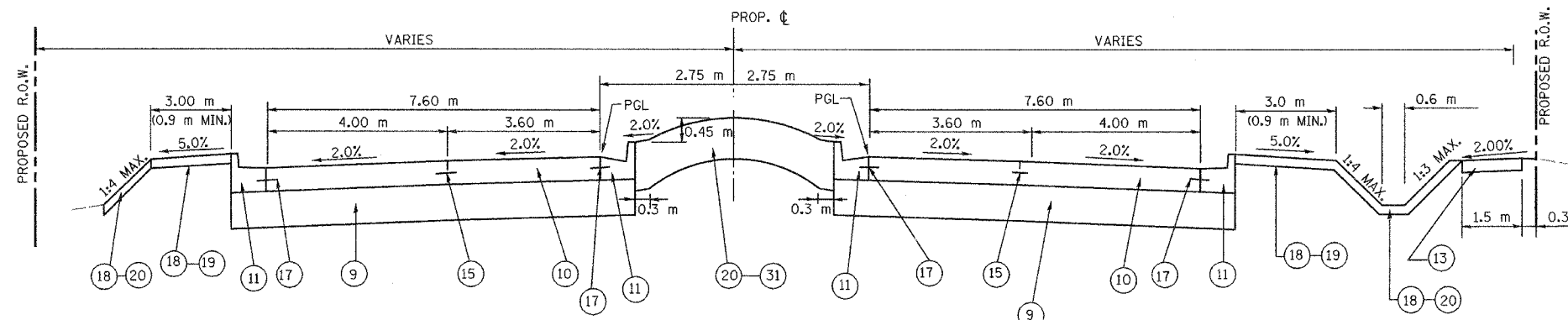
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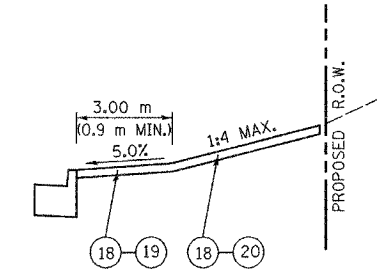
DETAIL 'A'
STA. 7+325.4 TO STA. 7+440.8 (LT.)
STA. 7+357.6 TO STA. 7+440.8 (RT.)

LEGEND

- ① POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX. "F", N90 45 mm
- ② BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90 150 mm
- ③ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE IL-4.75, N50 19 mm
- ④ BITUMINOUS SHOULDERS SUPERPAVE 200 mm
- ⑤ BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ EXISTING P.C.C. BASE 225 mm±
- ⑦ PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 230 mm
- ⑧ AGGREGATE SUBGRADE, 300 mm
- ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 250 mm (JOINTED)
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- ⑫ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-5.60
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 125 mm
- ⑭ CONCRETE MEDIAN SURFACE, 100 mm
- ⑮ SAWED LONGITUDINAL JOINT WITH 750 mm LONG DEFORMED EPOXY-COATED No. 20 TIE BARS @ 750mm CTS.
- ⑯ LONGITUDINAL CONSTRUCTION JOINT WITH 600 mm LONG GROUTED IN PLACE DEFORMED EPOXY-COATED No. 25 TIE BARS @ 600 mm CTS.
- ⑰ 600 mm LONG DEFORMED EPOXY-COATED No. 20 TIE BARS @ 600 mm CTS. GROUTED IN PLACE
- ⑱ TOPSOIL FURNISH AND PLACE 100 mm
- ⑲ SODDING, SALT TOLERANT
- ⑳ SEEDING, CLASS 2A
- ㉑ CONCRETE MEDIAN TYPE SB-15.60
- ㉒ BITUMINOUS CONCRETE SURFACE REMOVAL 65mm
- ㉓ SUB-BASE GRANULAR MATERIAL, TYPE B 100 mm
- ㉔ DRILL AND GROUT #25 TIE BARS @ 600 mm CTS, 600 mm LONG
- ㉕ STABILIZED MEDIAN SURFACE 250 mm
- ㉖ COARSE AGGREGATE FILL
- ㉗ TOPSOIL FURNISH AND PLACE 600 mm
- ㉘ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



STA. 8+248 TO STA. 8+347
STA. 8+416 TO STA. 8+487
STA. 8+622 TO STA. 8+930



STA. 10+096 - STA. 10+200

ILLINOIS ROUTE 22

STA. 8+416 - STA. 8+487
STA. 8+622 - STA. 8+750
STA. 10+096 - STA. 10+200

BITUMINUS MIXTURE REQUIREMENTS

ITEM	AC TYPE	VOIDS	RAP %	USAGE
POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90GYR.	0%	ROADWAY SURFACE COURSE (ILL RTE 22 AND US RTE 12)
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90GYR.	0%	ROADWAY BINDER COURSE (ILL RTE 22)
POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50GYR.	0%	ROADWAY LEVELING BINDER COURSE (ILL RTE 22 AND US RTE 12)
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50				TEMPORARY PAVEMENT BIKE PATH SURFACE MEDIAN SURFACE COURSE SIDE STREET SURFACE COURSE
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	PG 64-22	4% @ 50GYR	15%	MEDIAN BINDER COURSE & SIDE STREET BINDER COURSE
BITUMINOUS SHOULDERS SUPERPAVE 200MM	PG 58-22	2% @ 30GYR	50%	SHOULDERS (ILL RTE 22 AND US RTE 12)
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50GYR	15%	DRIVEWAY SURFACE COURSE
BITUMINOUS BASE COURSE SUPERPAVE	PG 58-22	2% @ 50GYR	50%	TEMPORARY PAVEMENT DRIVEWAY BINDER COURSE

STRUCTURAL DESIGN TRAFFIC:	Year	2014
PV = 30,079	SU = 1,229	MU = 1,035
ROAD/STREET CLASSIFICATION:	Class	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32	S = 45	M = 45
TRAFFIC FACTOR:	Actual TF = 8.11	AC Type = --
	Minimum TF = 6.03	
AC GRADE Binder = --	Surface = --	
SUBGRADE SUPPORT RATING:		
SSR = POOR (Sta. 6+927.8 to Sta. 10+200)		

REVISIONS	
NAME	DATE
REVISED GEOMETRY	11/24/04
FROM STA. 6+922.366 TO STA. 7+440.820	

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 22
FROM US RTE 12 TO BUESCHING RD

ILLINOIS ROUTE 22
PROPOSED TYPICAL SECTIONS

SCALE : DESIGNED BY SOI
DATE : 07/21/04 CHECKED BY