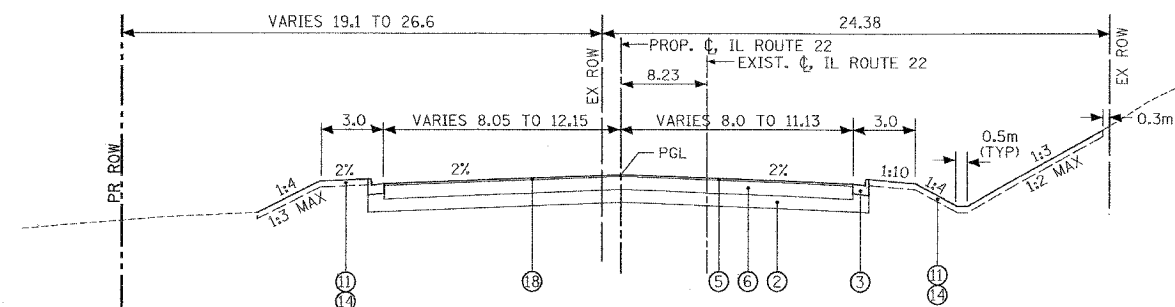
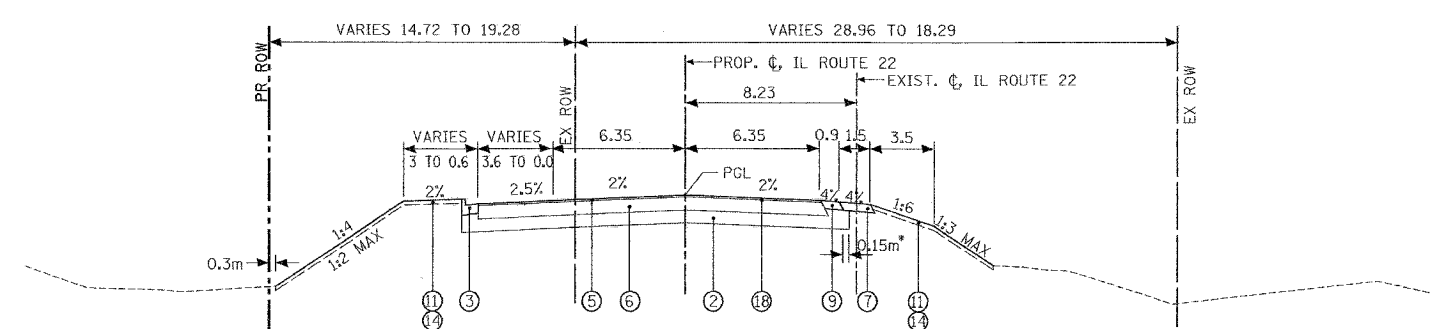


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

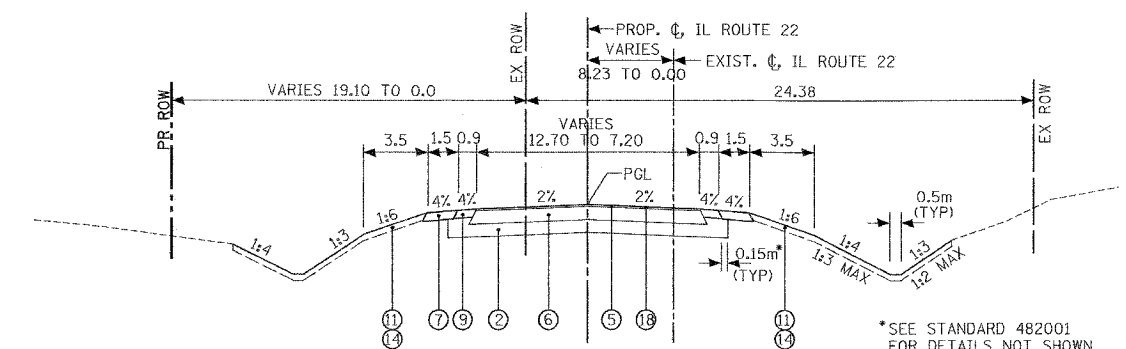


PROPOSED TYPICAL SECTION - IL ROUTE 22
STA. 12+263.54 TO STA. 12+480.33



PROPOSED TYPICAL SECTION - IL ROUTE 22
STA. 12+480.33 TO STA. 12+571.00

*SEE STANDARD 482001 FOR DETAILS NOT SHOWN



PROPOSED TYPICAL SECTION - IL ROUTE 22
STA. 12+571.00 TO STA. 12+875.00

*SEE STANDARD 482001 FOR DETAILS NOT SHOWN

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 250mm (JOINTED)
- ② AGGREGATE SUBGRADE 300mm
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- ④ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑤ *POLYMERIZED BITUMINOUS SURFACE COURSE, SUPERPAVE, MIX "F", N90, 50mm
- ⑥ *BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70, 315mm
- ⑦ AGGREGATE SHOULDERS, TYPE B, 200mm
- ⑧ AGGREGATE SHOULDERS, TYPE B, 250mm
- ⑨ BITUMINOUS SHOULDERS, SUPERPAVE 200mm
- ⑩ BITUMINOUS SHOULDERS, SUPERPAVE 250mm
- ⑪ TOPSOIL FURNISH AND PLACE, 100mm
- ⑫ TOPSOIL FURNISH AND PLACE, 600mm
- ⑬ SEEDING, CLASS 2A
- ⑭ SEEDING OR SODDING, SALT TOLERANT (SEE LANDSCAPING PLAN)
- ⑮ SAWED LONGITUDINAL JOINT WITH 750mm LONG DEFORMED EPOXY-COATED NO. 20 TIE BARS @ 750mm CTS.
- ⑯ LONGITUDINAL CONSTRUCTION JOINT WITH 600mm LONG GROUDED IN PLACE DEFORMED EPOXY-COATED NO. 25 TIE BARS @ 600mm CTS.
- ⑰ 600mm LONG DEFORMED EPOXY-COATED NO. 20 TIE BARS @ 600mm CTS. GROUDED IN PLACE
- ⑱ BITUMINOUS MATERIALS (PRIME COAT)

* ITEMS 5 AND 6 SHALL BE INCLUDED IN THE COST OF "BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 365mm.

BITUMINOUS MIXTURE REQUIREMENTS

OPERATIONS	ITEM	AC TYPE	VOIDS	RAP %
STREET PAVEMENT	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90	SBS/SBR PG 70-22	4% @ 90 Gyr.	0
STREET PAVEMENT	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 Gyr.	0
DRIVEWAY	BITUMINOUS BASE COURSE, SUPERPAVE, 150mm & 200mm	PG 58-22	2% @ 50 Gyr.	50
DRIVEWAY	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 Gyr.	15
TEMP. DRIVEWAY	LEVEL BINDER (HAND METHOD), SUPERPAVE, N50	PG 64-22	4% @ 50 Gyr.	15
PATCHING	CLASS D PATCHES, 300mm	PG 64-22	4% @ 70 Gyr.	15
SHOULDER	BITUMINOUS SHOULDER, SUPERPAVE 150mm, 200mm & 250mm	PG 58-22	2% @ 30 Gyr.	50
TEMP. ROAD	BITUMINOUS BASE COURSE, SUPERPAVE, 255mm	PG 58-22	2% @ 50 Gyr.	50
TEMP. ROAD	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	PG 64-22	4% @ 50 Gyr.	15

NOTE: THE TOTAL CLASS D PATCHES THICKNESS IS EQUAL TO THE TEMPORARY PAVEMENT THICKNESS; THEREFORE "BITUMINOUS REPLACEMENT OVER PATCHES" WILL NOT BE REQUIRED.

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 MU = 45
TRAFFIC FACTOR: Actual TF = 8.11	AC Type = 10
Minimum TF = 6.03	
AC GRADE Binder = PG 70-22	Surface = PG 70-22
SUBGRADE SUPPORT RATING:	
SSR = 2.00 (Sta. 10+200 to Sta. 12+875)	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 22 PROPOSED TYPICAL SECTIONS ILLINOIS ROUTE 22
NAME	DATE	
		SCALE NTS DATE 03/11/05 DRAWN BY SMP CHECKED BY BOH