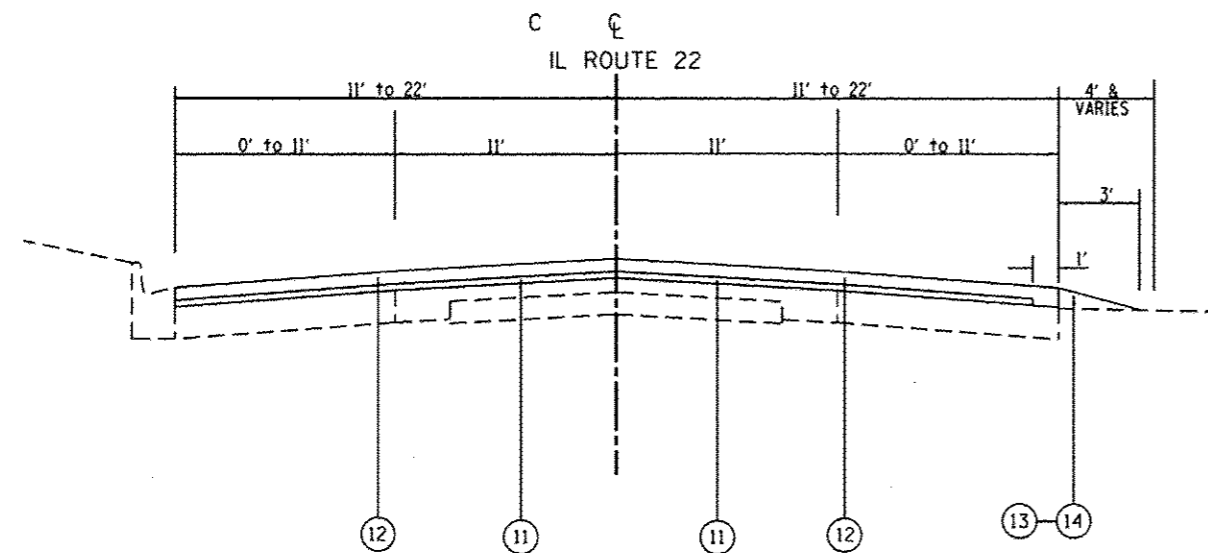


**EXIST. TYPICAL SECTION
IL ROUTE 22**



**PROP. TYPICAL SECTION
IL ROUTE 22**

STA. 11+09 TO STA. 21+75, LT
 STA. 93+46 TO STA. 96+10, LT
 STA. 97+25 TO STA. 100+07, LT
 STA. 114+77 TO STA. 116+75, LT
 STA. 278+81 TO STA. 282+52, LT
 STA. 279+72 TO STA. 282+52, RT

LEGEND

- ① EXIST. PCC PAVEMENT 10"
- ② EXIST. COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ③ EXIST. REMAINING HMA AFTER MILLING, (±) 5 3/4"
- ④ EXIST. REMAINING HMA AFTER MILLING, (±) 8 1/2"
- ⑤ EXIST. HMA BASE COURSE 12"
- ⑥ EXIST. HMA BASE COURSE 10 1/2"
- ⑦ EXIST. AGG. SUBGRADE 12"
- ⑧ EXIST. AGG. SHOULDERS
- ⑨ EXIST. HMA SHOULDER 8"
- ⑩ PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- ⑪ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑫ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑬ GRADING AND SHAPING SHOULDERS
- ⑭ AGGREGATE WEDGE SHOULDER TYPE B

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
*HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR
PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	3.5% @ 50 GYR
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

*PFP SPECIAL PROVISION ONLY APPLIES TO HMA SURFACE COURSE MIX "D", N70.

NOTE:
CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

FILE NAME : c:\pwork\pwork\midj\024977\01303	USER NAME : midj	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 22 (US 14 TO US 12) TYPICAL SECTIONS			F.A.P. RTE. 337	SECTION 2010-149-R5	COUNTY *	TOTAL SHEETS 30	SHEET 4	CONTRACT NO. 60N33
	PLT SCALE : 100,0000' / 1"	CHECKED -	REVISOR -		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
	PLT DATE : 4/26/2013	DATE -	REVISOR -		* LAKE AND MCHENRY COUNTY								