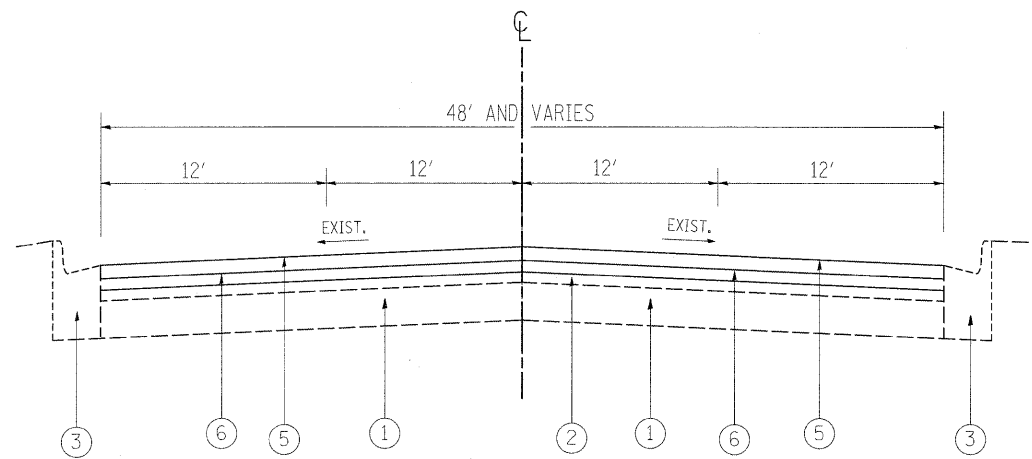


**IL ROUTE 137
EXIST. TYPICAL SECTION**
STA. 4+94 TO STA. 26+91.5



**IL ROUTE 137
PROP. TYPICAL SECTION**
STA. 4+94 TO STA. 26+91.5

LEGEND

- ① EXIST. PCC BASE COURSE, 10" (±)
- ② EXIST. REMAINING HMA AFTER MILLING, 5" (±)
- ③ EXIST. COMBINATION CONCRETE CURB & GUTTER
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑥ PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 GYR
POLY. LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
CLASS D PATCHES, (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR

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

*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

NOTE:

THE CONTRACTOR SHALL MILL FIRST THEN PATCH