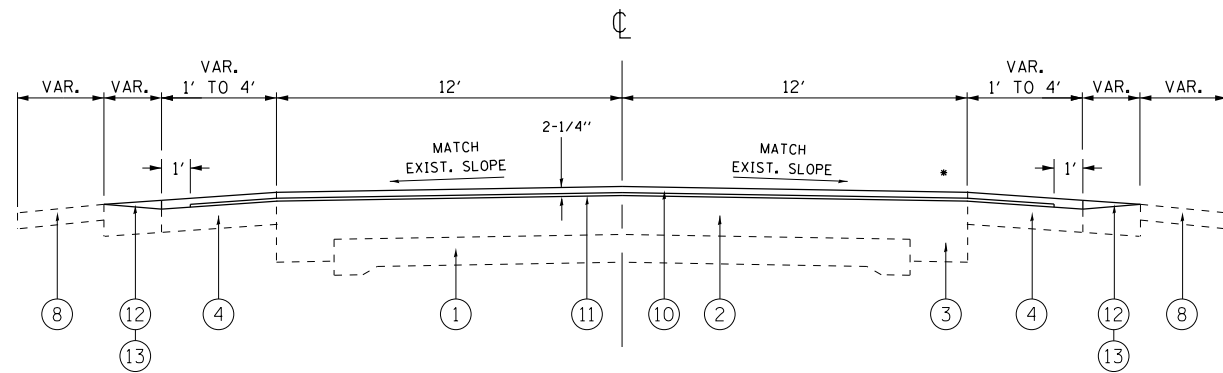


**IL 53**  
**EXISTING TYPICAL SECTION**

STA 89+55 TO STA 110+50  
 STA 129+50 TO STA 142+00  
 STA 149+00 TO STA 162+00  
 STA 171+00 TO STA 177+00  
 STA 187+00 TO STA 204+57

- LEGEND
- ① EXISTING CONCRETE BASE COURSE (9" - 7" - 9")
  - ② EXISTING HMA SURFACE (9"±)
  - ③ EXISTING HMA WIDENING (9-3/4" - 15-1/4")
  - ④ EXISTING HMA SHOULDERS, 8"
  - ⑤ EXISTING AGGREGATE SHOULDER, 8"
  - ⑥ EXISTING AGGREGATE SUBGRADE, 12"
  - ⑦ EXISTING HMA BINDER COURSE, 10"
  - ⑧ EXISTING SOD
  - ⑨ PROPOSED HMA SURFACE REMOVAL, 2-1/4"
  - ⑩ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1-1/2"
  - ⑪ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
  - ⑫ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
  - ⑬ PROPOSED GRADING AND SHAPING SHOULDERS

THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING



**IL 53**  
**PROPOSED TYPICAL SECTION**

STA 89+55 TO STA 110+50  
 STA 129+50 TO STA 142+00  
 STA 149+00 TO STA 162+00  
 STA 171+00 TO STA 177+00  
 STA 187+00 TO STA 204+57

NOTE:  
 • 10' RIGHT TURN LANE  
 STA 173+35 TO STA 175+43 (RT)  
 STA 194+53 TO STA 196+93 (RT)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY & SHOULDER RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm)	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR
PATCHES	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQYD/IN.

NOTE 2: 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.