

LEGEND



- ① EXISTING PCC BASE COURSE, 9''(±)
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE (BEFORE MILLING), 5 1/2''(±)
- ③ EXISTING HOT-MIX ASPHALT SHOULDER, 8''
- ④ EXISTING AGGREGATE SHOULDER, 6''
- ⑤ EXISTING CONCRETE CURB & GUTTER*
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4'' (3 1/4''(±) OF HOT-MIX ASPHALT TO REMAIN)
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/2'' (3''(±) OF HOT-MIX ASPHALT TO REMAIN)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2''
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4''
- ⑩ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4''
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑫ PROPOSED GRADING AND SHAPING SHOULDERS

NOTE:

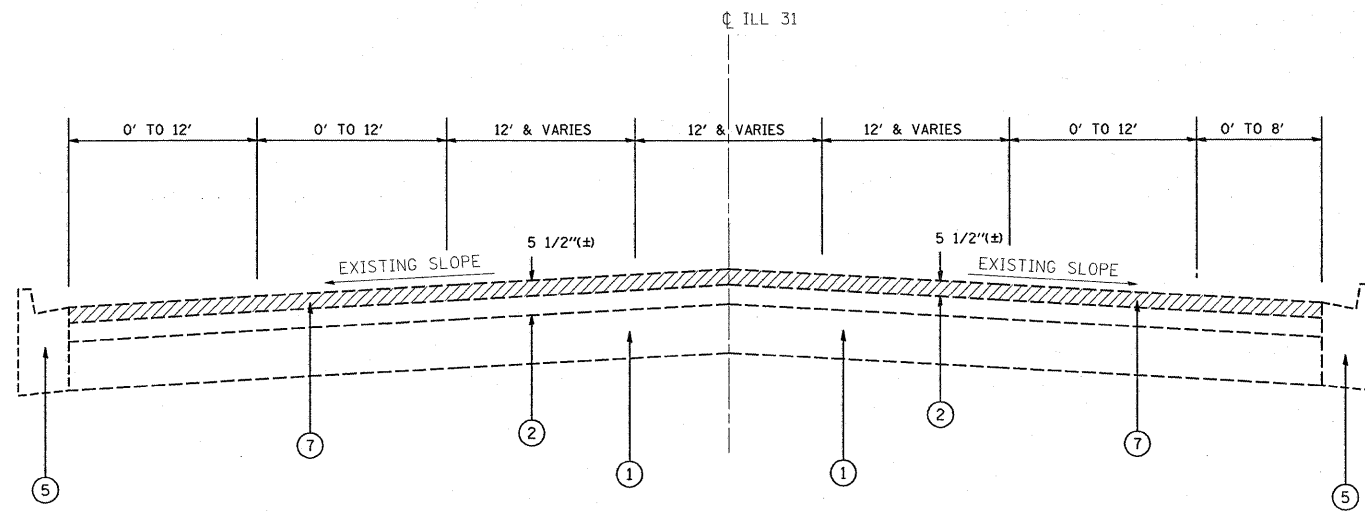
- * 1. NO CURB & GUTTER FROM STA. 21+19 TO 26+22 LT. AND 22+30 TO 26+22 RT.
- 2. ALL HMA SHOULDERS TO BE MILLED AND RESURFACED
- 3. HMA SURFACE REMOVAL TO BE DONE PRIOR TO PAVEMENT PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY AND SHOULDERS	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 1 1/4''	PG 64-22	4% @ 70 GYR
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 1 3/4''	SBS/SBR PG 70-22	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER, (MM) IL-4.75, N50, 3/4''	SBS/SBR PG 76-28/-22	4% @ 50 GYR
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 12''	PG 64-22 *	4% @ 70 GYR

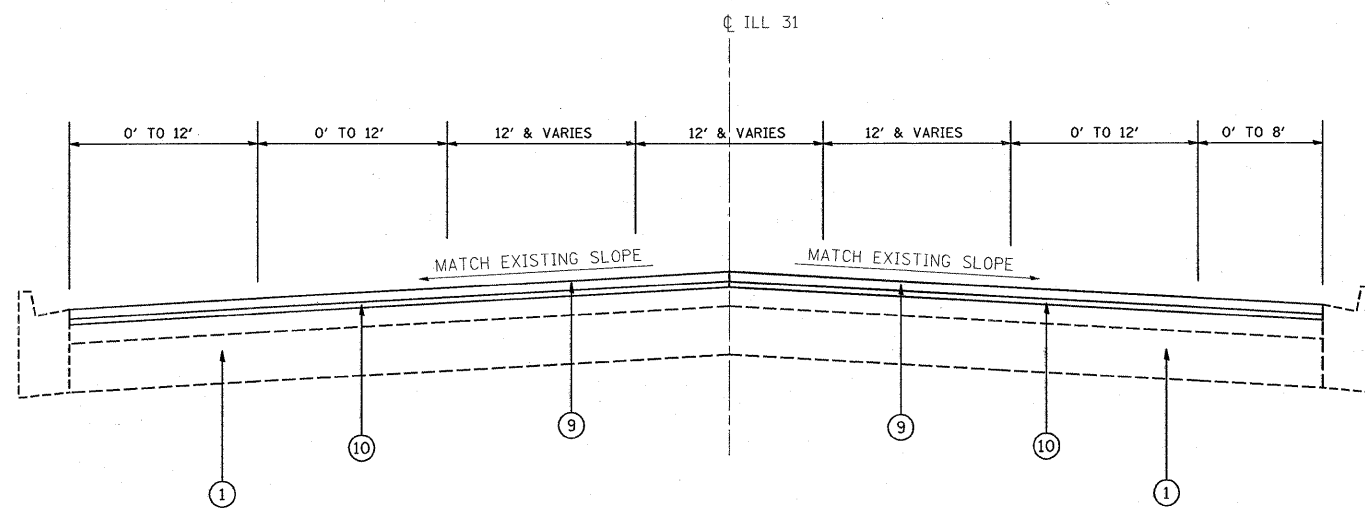
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

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



EXISTING TYPICAL SECTION
ILL RTE. 31

STATION:
16+27 TO 26+22



PROPOSED TYPICAL SECTION
ILL RTE. 31

STATION:
16+27 TO 26+22