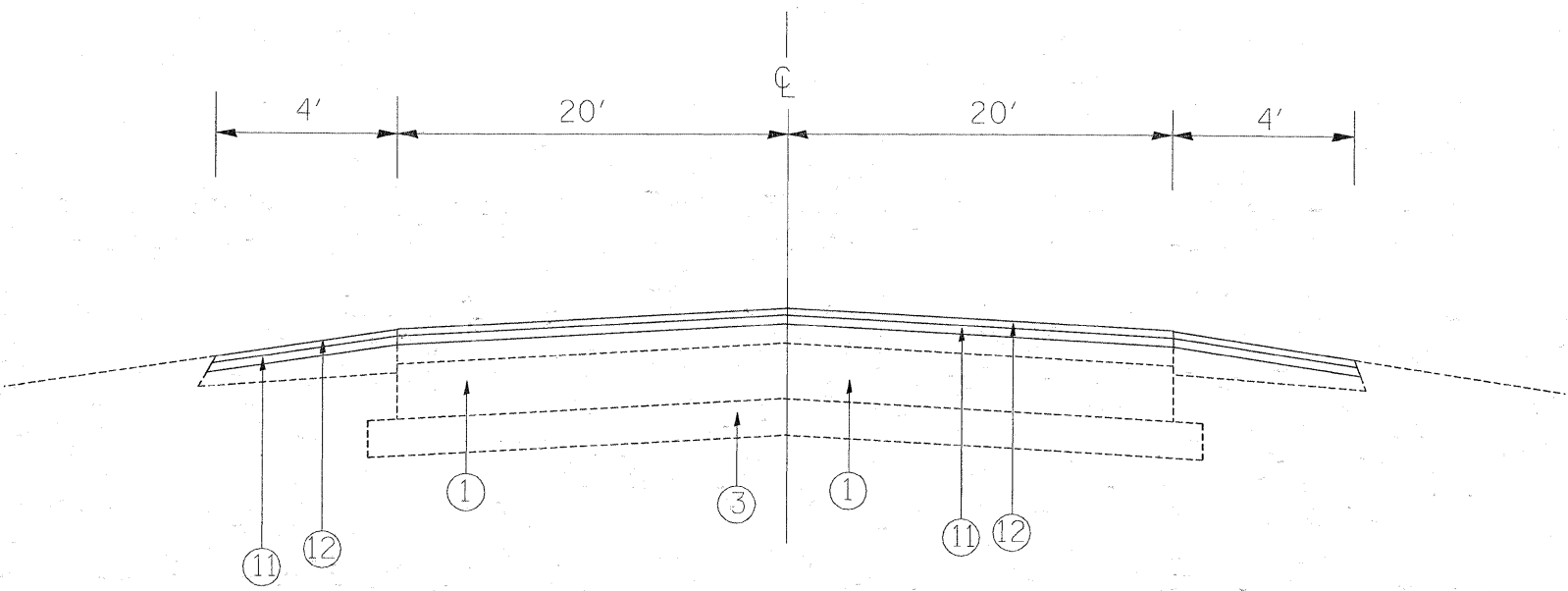


EXISTING TYPICAL SECTION  
IL RTE. 1  
STA 109+12 TO STA 156+46

\*\*ACCORDING TO STANDARD BD-22  
CONTRACTOR SHALL MILL FIRST



PROPOSED TYPICAL SECTION  
IL RTE. 1  
STA 109+12 TO STA 156+46

**LEGEND:**

- ① EXISTING P.C.C BASE COURSE, 7 1/2"
- ② EXISTING HOT-MIX ASPHALT OVERLAY, ±6"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL, 6"
- ④ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑤ EXISTING AGGREGATE SHOULDER, TYPE A, 8"
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑦ EXISTING COMBINATION CONC. CURB & GUTTER TYPE B6.24
- ⑧ EXISTING HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4"
- ⑨ EXISTING AGGREGATE SUBGRADE, 12"
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5mm); 1 1/2 "
- ⑬ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
<b>RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5mm); 1 1/2 "	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50; 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR

\*THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/ SQ YD/IN"  
\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.