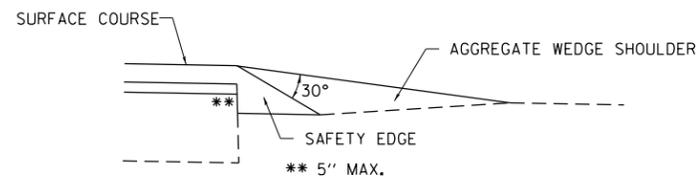
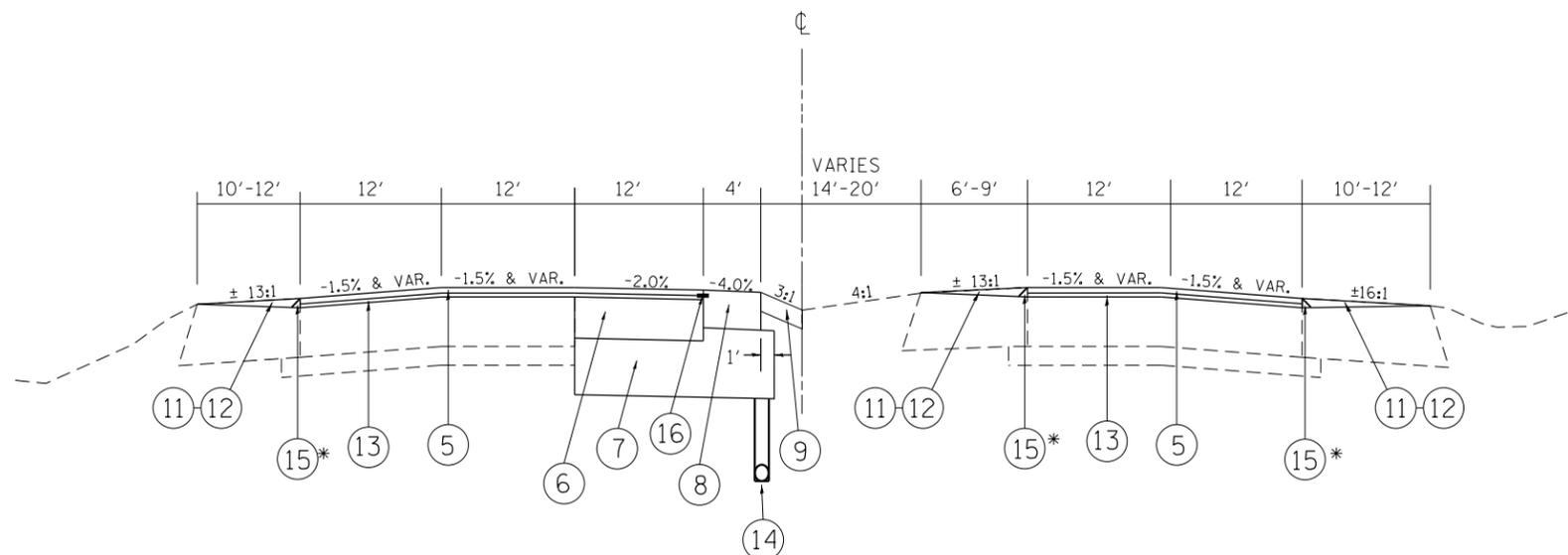


**EXISTING TYPICAL SECTION
ILLINOIS RTE 120 AT ALMOND ROAD
STA. 306+00 TO STA. 313+00**

NOTE: CONTRACTOR SHALL PATCH BEFORE MILLING



* SAFETY EDGE DETAIL



**PROPOSED TYPICAL SECTION
ILLINOIS RTE 120 AT ALMOND ROAD
STA. 306+00 TO STA. 313+00**

LEGEND:

- ① EXISTING HMA SURFACE, 2-1/2" ±
- ② EXISTING PCC BASE COURSE, 10"±
- ③ EXISTING AGGREGATE BASE COURSE
- ④ EXISTING AGGREGATE SHOULDER, 6"±
- ⑤ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑥ PROPOSED HMA BASE COURSE, 8 1/4"
- ⑦ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑧ PROPOSED HMA SHOULDER, 8"
- ⑨ PROPOSED SEEDING AND TOPSOIL 4"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑫ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑭ PROPOSED PIPE UNDERDRAIN, 4" STA. 307+51 to STA. 312+81, ± 30" BELOW TOP OF PAVEMENT
- ⑮ PROPOSED SAFETY EDGE
- ⑯ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS(%) AT N _{DES}
PAVEMENT WIDENING AND RESURFACING	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5mm), 1 3/4"	4% AT 90 GYR.
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	3.5% AT 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19mm), 8 1/4" (3 LIFTS)	4% AT 90 GYR.
SHOULDERS	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5mm), 1 3/4"	4% AT 90 GYR.
HMA BASE COURSE (HMA BINDER IL-19mm), 6 1/4" (2 LIFTS)	4% AT 90 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR.

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/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 "PERCENT OF RAP" SEE SPECIAL PROVISIONS.