



\*MATCH EXISTING SLOPES

IL-57  
 PROPOSED TYPICAL CROSS SECTION  
 STA. 791+93 TO STA. 1125+00  
 STA. 1325+00 TO STA. 1372+61 (I-57 N.B)  
 STA. 1225+00 TO STA. 1272+31 (I-57 N.B)

**LEGEND**

- ① EXISTING CRC PAVEMENT, ± 9"
- ①A EXISTING P.C.C PAVEMENT, ± 10"
- ② EXISTING STABILIZED SUB-BASE, 4"
- ③ EXISTING HOT-MIX ASPHALT SURFACE (AFTER MILLING), ± 1 1/2 "
- ③A EXISTING HOT-MIX ASPHALT SURFACE (AFTER MILLING), 1"
- ④ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤ EXISTING STABILIZED SHOULDER
- ⑥ EXISTING AGGREGATE SHOULDER TYPE "B"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑨ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2 1/4"
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N70, 1 1/2"
- ⑬ PROPOSED SHOULDER RUMBLE STRIP
- ⑭ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- ⑮ PROPOSED GRADING AND SHAPING SHOULDER
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑰ PROPOSED POLYMERIZED LEVELING BINDER, IL-4.75, N50, 3/4"
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 " (OUTSIDE SHOULDER UNDER THE BRIDGES)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS(%)
<b>MAINLINE &amp; INSIDE SHOULDER RESURFACING</b>		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80	SBS PG 76-28/-22	3.5% @ 80 GYR.
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80	SBS PG 76-28/-22	3.5% @ 80 GYR.
<b>RAMPS RESURFACING</b>		
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.
<b>OUTSIDE SHOULDER RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0 mm)	PG 64-22*	4% @ 70 GYR.
<b>PATCHING</b>		
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22*	4% @ 70 GYR.

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. USED 135 LBS/SQ YD/IN FOR STONE MATRIX ASPHALT SURFACE.

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

**NOTE:**

- CONTRACTOR SHALL PATCH BEFORE MILLING
- PP-3 CONCRETE SHALL BE USED FOR CLASS A PATCHES AND ALL PATCHES SHALL BE IN PLACE NO LATER THEN 3:00 PM SATURDAY