

IL-55
EXISTING TYPICAL CROSS SECTION
STA. 5+00 TO STA. 388+00

LEGEND

- (1) EXISTING HOT-MIX ASPHALT SURF. CSE., \pm 5"
- (2) EXISTING P.C.C. PAVEMENT, 10"
- ② EXISTING HOT-MIX ASPHALT SURFACE AFTER MILLING, ± 2 3/4"
- (3) EXISTING SUB-BASE GRAN. MATL., 4"
- (4) EXISTING AGGREGATE SUBGRADE, 12"
- (5) EXISTING HOT-MIX ASPHALT SHOULDER
- (6) EXISTING CONC. BINDER CSE. MIX B, TYPE 1
- (7) EXISTING AGGREGATE SHOULDER TYPE "B"
- (8) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (RAMPS)
- 9 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (MAINLINE & INSIDE SHOULDER)
- (10) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (OUTSIDE SHOULDER)
- (Î) PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (12) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (3) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2 1/2 "
- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N70, $1\frac{1}{2}$ "
- (15) PROPOSED SHOULDER RUMBLE STRIP
- (6) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- (7) PROPOSED GRADING AND SHAPING SHOULDER
- (18) PROPOSED POLYMERIZED LEVELING BINDER, IL-4.75, N50, 3/4"

NOTE:

- CONTRACTOR SHALL PATCH BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS							
MIXTURE TYPE	AIR VOIDS(%)						
MAINLINE & INSIDE SHOULDER RESURFACING							
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.						
POLYMERIZED HMA BINDER COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.						
RAMPS RESURFACING	-						
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.						
POLY. LEVELING BINDER, (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.						
OUTSIDE SHOULDER RESURFACING							
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.						
HOT-MIX ASPHALT BINDER COURSE, N70 (IL-19.0 mm)	4% @ 70 GYR.						
PATCHING							
CLASS D PATCHES (HMA BINDER IL-25 mm)	4% @ 105 GYR.						
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.						

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

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

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -		IL. ROUTE 55	F.A.I SECTION COUNTY TOTAL SHEET
c:\pw_work\PWIDOT\ABEBAWA\d	dØ169692\sht-blan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	TYPICAL CECTION FOR MAININE	55 99 (1&2) RS-11 WILL 45 4
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION FOR MAINLINE	CONTRACT NO. 60I53
	PLOT DATE = 12/23/2009	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT