

IL-55
EXISTING TYPICAL CROSS SECTION
STA. 421+78 TO STA. 827+22

## **LEGEND**

- (1) EXISTING HOT-MIX ASPHALT SURF. CSE., ± 5"
- (2) EXISTING P.C.C. PAVEMENT, 10"
- $\bigcirc$  EXISTING HOT-MIX ASPHALT SURFACE AFTER MILLING,  $\pm 2.3/4$ "
- (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)
- (O) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 4" (OUTSIDE SHOULDER)
- (Î) PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (13) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2 1/2 "
- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N70, 11/2"
- (15) PROPOSED SHOULDER RUMBLE STRIP
- 1 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
- (7) PROPOSED GRADING AND SHAPING SHOULDER
- (8) 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.						
PARTIAL DEPTH PATCHES (MIX "F", N 90) (IL-9.5 mm)	4% @ 90 GYR.						
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.						
BRIDGE REHABILITATION							
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm)	4% @ 50 GYR.						
PARTIAL DEPTH PATCHES (MIX "F", N90) (IL-9,5 mm)	4% @ 90 GYR.						

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

\* 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  TYPICAL SECTION FOR MAINLINE  SCALE: SHEET NO. OF SHEETS STA. TO STA.		F.A.IL	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\PWIDOT\ABEBAWA\dØ169692\sht	-plan.dgn	DRAWN -	REVISED ~	STATE OF ILLINOIS			55	99 (1&2) RS-12	WILL	110 4
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	T NO. 60K04
	PLOT DATE = 3/11/2010	DATE -	REVISED -			SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		