



LEGEND

- 1) EXISTING P.C.C. PAVEMENT, ±10"
- (2) EXISTING HOT-MIX ASPHALT AFTER MILLING, $\pm \frac{3}{4}$ "
- (3) EXISTING AGGREGATE SHOULDER
- PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 21/4"
- (5) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, $1\frac{1}{2}$ "
- 6) PROPOSED POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (7) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (8) PROPOSED GRADING AND SHAPING SHOULDER
- (9) PROPOSED SAFETY EDGE (WHEN HMA SHOULDER < 3 FT)

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS					
MIXTURE TYPE	AIR VOIDS	NODES			
RESURFACING					
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5 mm)	4% © 50 G	YR			
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 G	YR.			
PATCHING					
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% © 70 G	YR			
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% © 70 G	YR			

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -			ILL ROUTE 47	F.A.P.	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\midyja\d0248716\D13091	-sht-plan.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS			326	104-RS-11	McHENRY	29 4
	PLOT SCALE ≈ 50.0000 '/ in.	CHECKED ~	REVISED ~	DEPARTMENT OF TRANSPORTATION	SCALE: SHEET NO. 1 OF 1 SHEETS STA. + TO STA. +		020	10111011		CT NO. 60N39
	PLOT DATE = 10/21/2011	DATE -	REVISED -	·			FED. ROAD D	IST. NO. 1 ILLINOIS FED. A		7 1101 001133