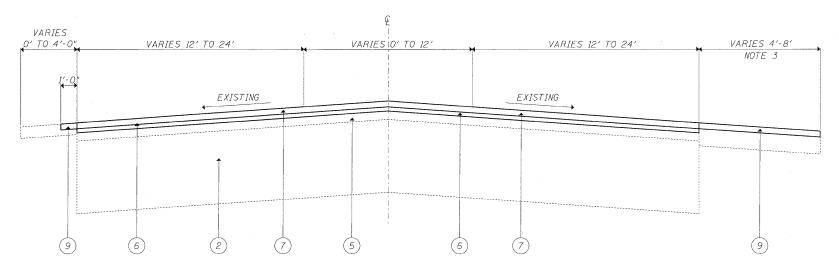


EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION W/ CURB AND GUTTERS

LEGEND

- 1) EXISTING BITUMINOUS SHOULDER
- 2) EXISTING P.C. CONCRETE PAVEMENT +/- 9"
- 3 EXISTING HMA SURFACE COURSE +/- 41/2"
- 4) PROPOSED HMA SURFACE REMOVAL (21/4")
- (5) EXISTING HMA SURFACE OVERLAY AFTER MILLING, +/- 2"
- PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75. N50 (3/4")
- 7) PROPOSED HMA SURFACE COURSE, MIX "D". N70 (11/2")
- (8) PROPOSED HMA SURFACE REMOVAL (12")
- 9 PROPOSED HMA SURFACE COURSE, MIX "D", N70 (12")
- EXISTING CONCRETE CURB AND GUTTER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS						
MIXTURE TYPE	AC/PG	DESIGN AIR VOIDS				
HMA SURFACE COURSE, MIX D. N7O. (IL-9.5 mm)	PG 64-22	4% @ 70 GYR				
POLYMERIZED LEVELING BINDER (MACHINE METHOD). IL-4.75, N50	SBS-SBR PG 76-28/22	4% @ 50 GYR				
CLASS D PATCHES (HMA BINDER IL 19 mm)	PG 64-22*	4% © 70 GYR				
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL 19 mm)	PG 64-22*	4% @ 70 GYR				

NOTE:

I: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LSB/SOYD/IN.

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

60G32

- 2: THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
- 3: SHOULDER WIDENING GREATER THAN 4' AT VARIOUS LOCATIONS WITHIN THE LIMITS OF IMPROVEMENT

	DESIGNED - MJY			TYPICAL SECTIONS	F.A.U. SECTION	COUNTY TOTAL SHEETS
	DRAWN - ZDA REVISED -	REVISED -	STATE OF ILLINOIS	IL ROUTE 47	326 105 RS-9	MCHENRY 37
CONSULTING ENGINEERS 1560 WALL ST, SUITE 222	CHECKED - MJY	REVISED -	DEPARTMENT OF TRANSPORTATION	IL NUUTE 47	D-91-603-09	CONTRACT NO. 60
NAPERVILLE, ILLINOIS 60563 PH: 1630 517-9100 DATE - 04/15/2009	REVISED -		SCALE: NONE SHEET NO. 5 OF 37 SHEETS STA. 8+85 TO STA. 256+29	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT	