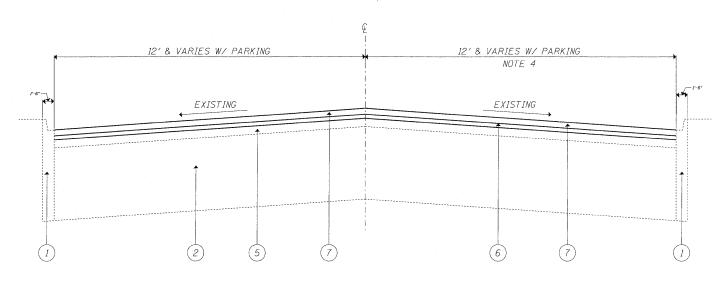


EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

## LEGEND

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (2) EXISTING P.C. CONCRETE PAVEMENT +/- 9"
- (3) EXISTING HMA SURFACE COURSE +/- 412"
- (4) PROPOSED HMA SURFACE REMOVAL (2 1/4")
- (5) PROPOSED 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 (134")

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/SQYD/IN.

  \*WHEN RAP EXCEEDS 20%. THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
- 2: THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING
- 3: SHOULDER WIDENING GREATER THAN 4' AT VARIOUS LOCATIONS WITHIN THE LIMITS OF IMPROVEMENT
- 4: WHERE ROAD SIDE PARKING IS MAINTAINED, ONLY  $l_2^l$ INCH SURFACE REMOVAL IS IMPLEMENTED WITH  $l_2^l$ INCH HMA SURFACE COURSE REPLACEMENT
- 5: CONCRETE CURB AND GUTTER TO BE REMOVED AND REPLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER

	DESIGNED - MJY			TYPICAL SECTIONS		F.A.P. RTF.	SECTION	COUNTY	TOTAL SHEET	
	DRAWN :	- ZDA	REVISED -	STATE OF ILLINOIS	IL ROUTE 47 MAIN STREET		326	104 RS-9	MCHENRY	22 5
CONSULTING ENGINEERS 1560 WALL ST, SUITE 222	CHECKED	O - MJY	REVISED -	DEPARTMENT OF TRANSPORTATION			D	-91-602-09	CONTRAC	T NO. 60H32
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100	DATE	- 04//2009	REVISED -		SCALE: NONE	SHEET NO. 5 OF 22 SHEETS STA. 9+66 TO STA. 34+90	FED. ROAD DI	ST. NO. ILLINOIS FED. A	ID PROJECT	