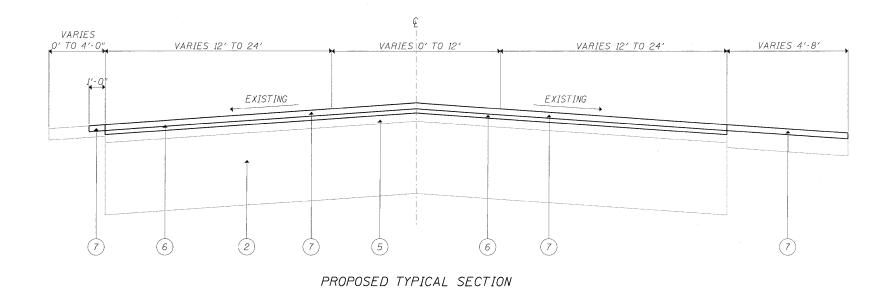
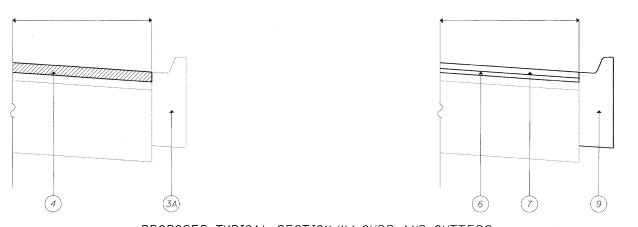


EXISTING TYPICAL SECTION





PROPOSED TYPICAL SECTION W/ CURB AND GUTTERS

<u>LEGEND</u>

- 1) EXISTING BITUMINOUS SHOULDER
- 2) EXISTING P.C. CONCRETE PAVEMENT +/- 9"
- 3) EXISTING HMA SURFACE COURSE +/- 4"
- (3A) EXISTING CONCRETE CURB AND GUTTER
- 4) PROPOSED HMA SURFACE REMOVAL (21/4")
- 5) HMA MATERIAL AFTER MILLING, +/- 2"
- 6 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75. N50 (3/4")
- 7 PROPOSED HMA SURFACE COURSE, MIX "D". N70 (1/2")
- (8) PROPOSED HMA SURFACE REMOVAL $(1^{l}2^{"})$
- 9) PROPOSED CONCREATE 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							
DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	PG 64-22*	4% © 50 GYR							

NOTE:

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

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

SHOULDER WIDENING GREATER THAN 4' AT VARIOUS LOCATIONS WITHIN THE LIMITS OF IMPROVEMENT

	DESIGNED - MJY			TYPICAL SECTIONS IL ROUTE 47 FROM IL ROUTE 176 TO IL ROUTE 120			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
CONSULTING ENGINEERS 1560 WALL ST. SUITE 222 NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100	DRAWN - ZDA CHECKED - MJY		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				326	105 RS-9 D-91-603-09	MCHENRY	37 5 CT NO. 60H33
	DATE - 04/15/2009	REVISED -		SCALE: NONE	SHEET NO. 5 OF 37 SHEETS	STA. 8+85 TO STA. 256+29	FED. ROA		AID PROJECT	