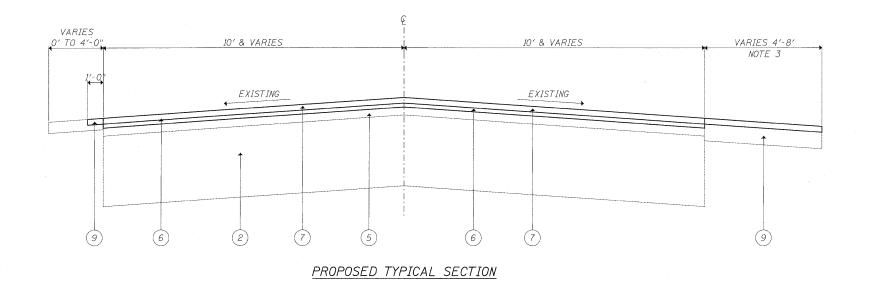


## EXISTING TYPICAL SECTION



## <u>LEGEND</u>

- 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"
- 6 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD)
  IL-4.75. N50 (3/4")
- 7) PROPOSED HMA SURFACE COURSE, MIX "D". N70  $(1^3_4)$ "
- 8 PORPOSED HMA SURFACE REMOVAL (1/2")
- 9 PROPOSED HMA SURFACE COURSE, MIX "D", N70 (11/2")

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:

SCALE: NONE

- 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

	DESIGNED - MJY	
	DRAWN - ZDA	REVISED -
CONSULTING ENGINEERS 1560 WALL ST. SUITE 222	CHECKED - MJY	REVISED -
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100	DATE - 04/15/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	F.A.U. RTE.				TOTAL	SHEET
TYPICAL SECTIONS W. HOFF ROAD		SEC"	TION	COUNTY	SHEETS	NO.
		297 1-G-RS-1		WILL	18	4
		D-91-550-09		CONTRACT	NO. 6	0G94
SHEET NO. 4 OF 18 SHEETS STA. 43+00 TO STA. 173+00	FED. RO	AD DIST. NO.	ILLINOIS FED. AI	D PROJECT		