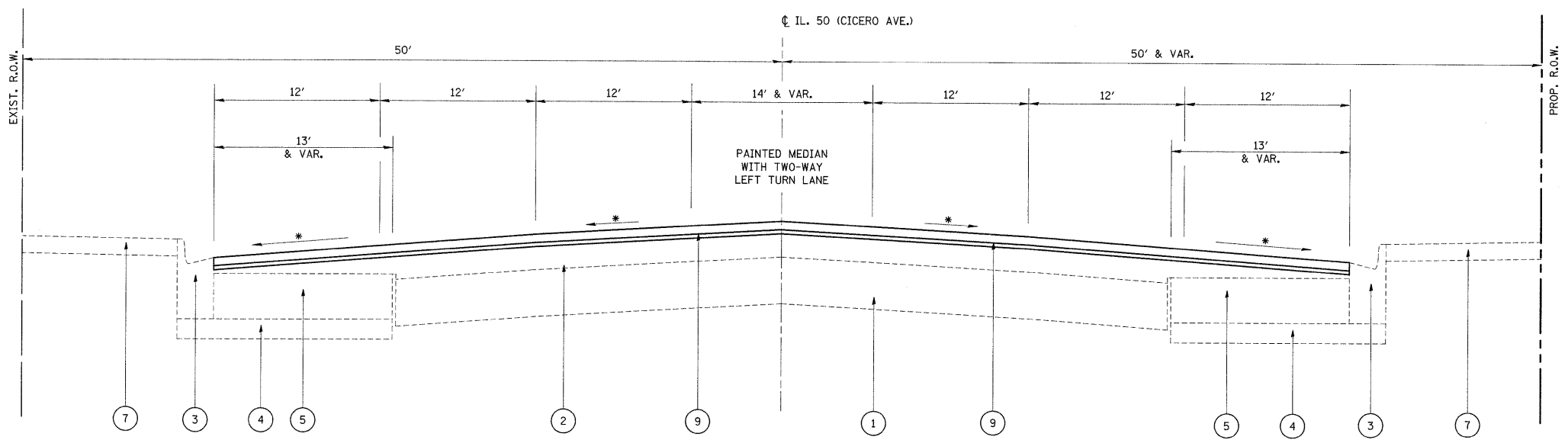


**EXISTING TYPICAL CROSS SECTION**  
**IL. ROUTE 50**  
 STA. 500+00 TO STA. 508+00

**LEGEND**

- ① EXIST. P.C. CONCRETE BASE COURSE OR PAVEMENT
- ② EXIST. BITUMINOUS SURFACE (VARIES 3 1/2" TO 6") AFTER THE MILLING
- ③ EXIST. COMB. CONC. C&G TYPE EXIST. B-6.24
- ④ EXIST. SUB-BASE GRAN. MATERIAL, TYPE B, 4"
- ⑤ EXIST. P.C. CONC. BASE COURSE, 8"
- ⑥ EXIST. 3/4" EXPANSION TIE ANCHORS
- ⑦ EXIST. TOP SOIL AND SOD 4"
- ⑧ PROP. BITUMINOUS SURFACE REMOVAL, 2 1/2"
- ⑨ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 3/4"
- ⑩ PROP. POLYMERIZED BITUMINOUS CONC. SURFACE COURSE, SUPERPAVE, MIX "F", N90, 1 3/4"



**PROPOSED TYPICAL CROSS SECTION**  
**IL. ROUTE 50**  
 STA. 500+00 TO STA. 508+00  
 \* MATCH THE EXISTING SLOPE

**NOTES:**

1. SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS OF LEFT TURN AND RIGHT TURN LANES, BARRIER MEDIAN AND CORRUGATED MEDIAN
2. PAVEMENT PATCHING SHALL BE DONE PRIOR TO MILLING OF THE ROADWAY

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

	MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
ROADWAY	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5MM), 1 3/4"	SBS/SBR PG 70-22	4% @ 90 GYR
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 9"	PG 64-22*	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (BINDER IL-19.0 MM)	PG 64-22*	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

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

FILE NAME =  
D136706-shr-plan.vdgn

USER NAME = geglanoht  
 PLOT SCALE = 50.0000' / IN.  
 PLOT DATE = 2/9/2009

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 50 (CICERO AVENUE)**  
**(34TH STREET TO 46TH STREET)**  
**TYPICAL SECTIONS**

SCALE: NONE    SHEET NO.    OF SHEETS    STA.    TO STA.

F.A.P. RTE. 350	SECTION 3321-S-RS	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 7
CONTRACT NO. 60B54			ILLINOIS FED. AID PROJECT	