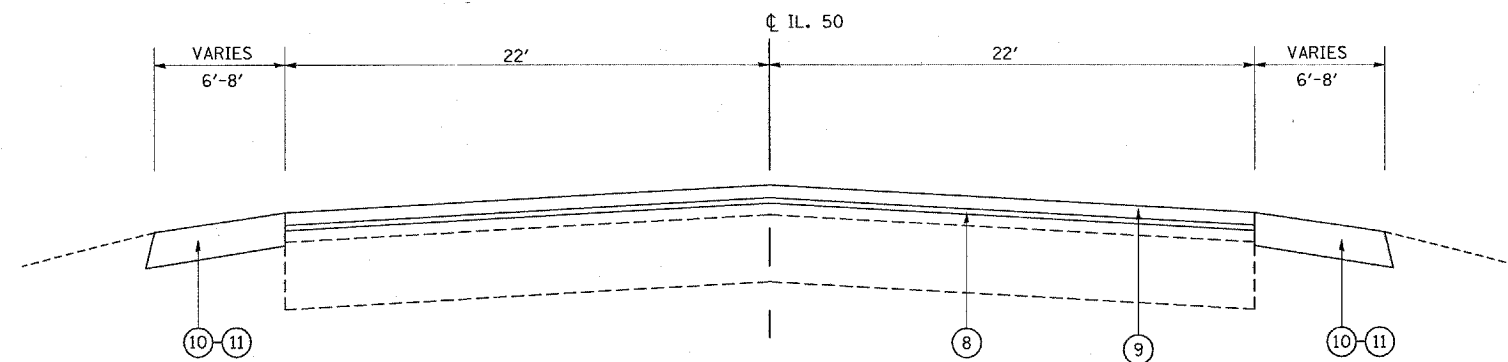


EXISTING TYPICAL SECTION  
 IL. ROUTE 50  
 CICERO AVENUE TO WILSON STREET  
 STA. 11+00 TO 35+77  
 STA. 36+07 TO 85+98

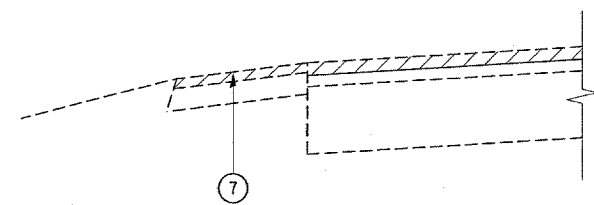
\* GRADING AND SHAPING OF THE EXISTING AGGREGATE SHOULDER SHALL BE COMPLETED PRIOR TO LAYING OF THE PROPOSED AGGREGATE SHOULDER, TYPE "B".



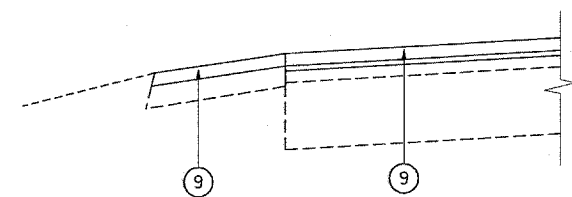
PROPOSED TYPICAL SECTION  
 IL. ROUTE 50  
 CICERO AVENUE TO WILSON STREET  
 STA. 11+00 TO STA. 35+77  
 STA. 36+07 TO STA. 85+98

LEGEND:

- ① EXISTING PCC PAVEMENT, 7 1/2"
- ② EXISTING HMA SURFACE AFTER MILLING, 5 1/4"±
- ③ EXISTING CONCRETE MEDIAN
- ④ EXISTING HMA SHOULDER 8"±
- ⑤ EXISTING AGGREGATE WEDGE SHOULDER, TYPE B
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑦ PROPOSED HMA SURFACE REMOVAL 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")
- ⑨ PROPOSED HMA SURFACE COURSE MIX "D", N70, ( 1 1/2" )
- ⑩ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑪ PROPOSED GRADING AND SHAPING OF SHOULDERS



EXISTING



PROPOSED

MIXTURE REQUIREMENTS

MIXTURE TYPE	AC/PG	AIR VOIDS (%)	REMARKS
HMA SURFACE COURSE, MIX "D", N70, 1 1/2" (IL-9.5mm)	PG 64-22	4% @ 70 GYR	IL- 9.5 MM
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR	
HMA REPLACEMENT OVER PATCHES, 5 1/4"	PG 64-22*	4% @ 70 GYR	BINDER IL-19 MM
CLASS D PATCHES, 8"	PG 64-22*	4% @ 70 GYR	BINDER IL-19 MM

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE IS 112 LBS./SQ. IN.

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

FILE NAME =  
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USER NAME = ouky

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 50.0000' / IN.

CHECKED -

REVISED -

PLOT DATE = 4/23/2008

DATE -

REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL. ROUTE 50 (CICERO AVENUE TO WILSON STREET)  
 TYPICAL SECTIONS

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	143RS-4	WILL	16	5
* 350 & 840			CONTRACT NO. 62762	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				