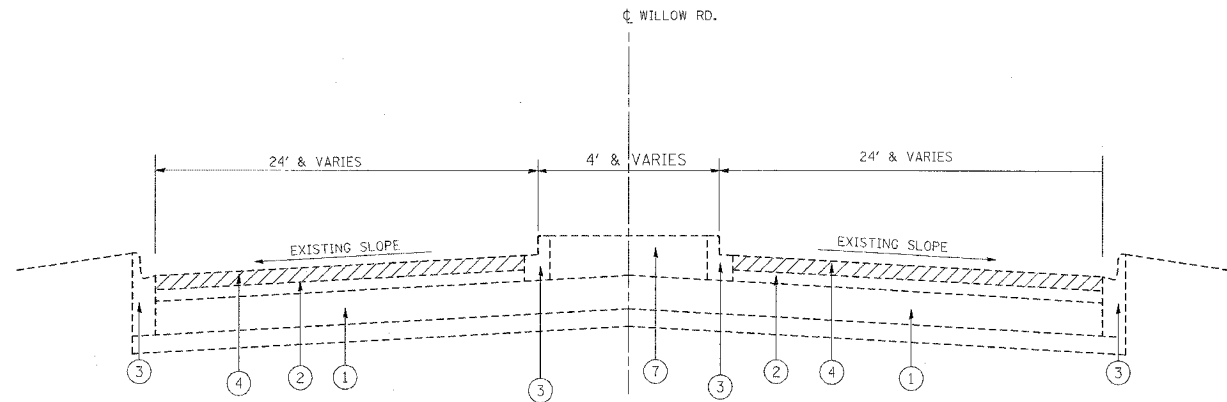


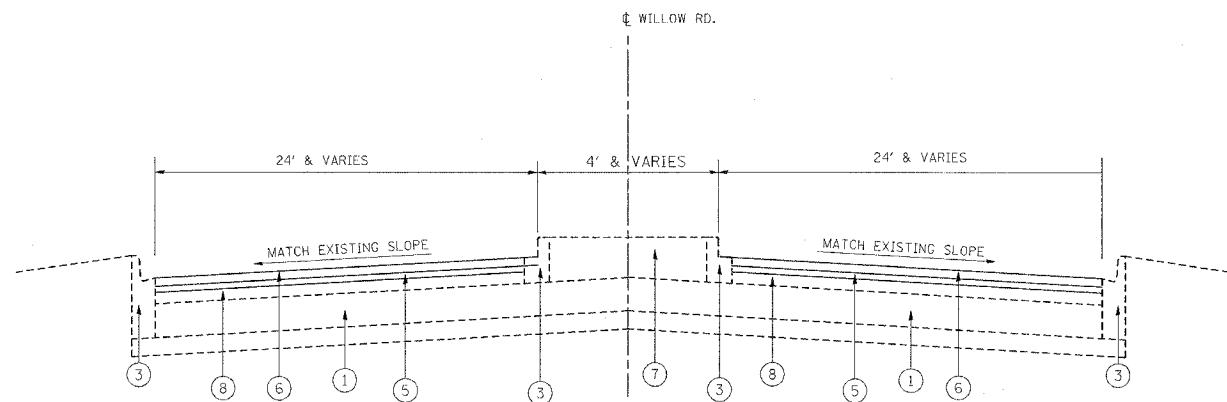
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2007-028 RS	COOK	23	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION
WILLOW ROAD

STATION
0+94 TO 9+00
&
56+00 TO 65+28

- LEGEND**
- ① EXISTING PCC PAVEMENT, 9"(\pm)
 - ② EXISTING HMA SURFACE COURSE, 5"(\pm)
 - ③ EXISTING TYPE B-6.12 CURB & GUTTER
 - ④ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
 - ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
 - ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
 - ⑦ EXISTING GRASS OR CONCRETE MEDIAN
 - ⑧ EXISTING HMA SURFACE OVERLAY
 - ⑨ EXISTING AGGREGATE SHOULDER
 - ⑩ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION
WILLOW ROAD

STATION
0+94 TO 9+00
&
56+00 TO 65+28

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

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ YD/IN
*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

PLOT DATE = 4/12/2007
 FILE NAME = c:\projects\2007\p\proj\willow\ash-ehy.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = gullbeamfp

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
WILLOW ROAD
WEST OF SUNSET RIDGE RD. TO I-94
PROPOSED AND EXISTING
TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____