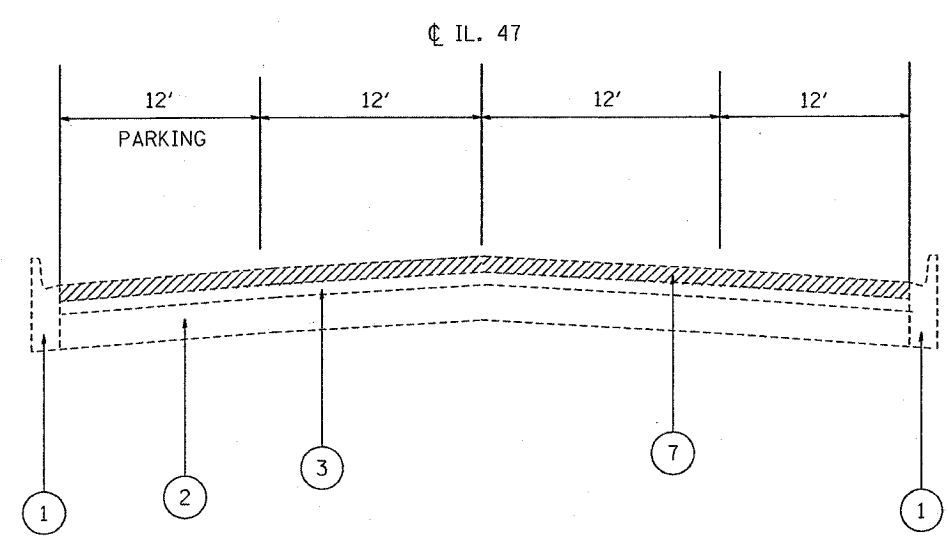


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
100	104 RS-8	MCHENRY	22	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

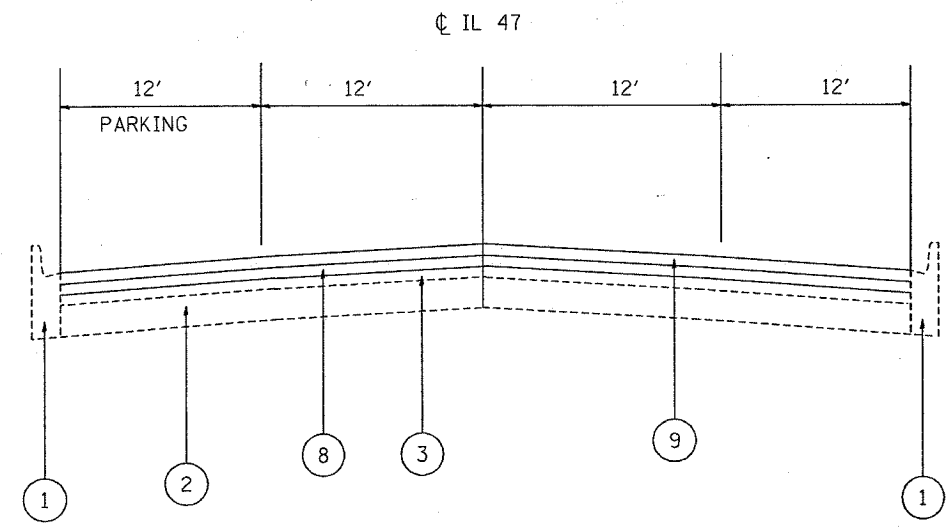
D-91-427-06



EXISTING TYPICAL SECTION  
STA. 1+52 TO STA. 4+90

LEGEND

- 1 EXISTING B6.24 CURB & GUTTER
- 2 EXISTING P.C.C. BASE COURSE 9" ±
- 3 EXISTING HOT MIX ASPHALT OVERLAY 8" ±
- 4 EXISTING GUARDRAIL
- 5 EXISTING AGGREGATE WEDGE SHOULDER TYPE B
- 6 EXISTING HOT-MIX ASPHALT SHOULDERS
- 7 PROPOSED HOT MIX ASPHALT SURFACE REMOVAL 2 1/4"
- 8 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")
- 9 PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1 1/2")
- 10 PROPOSED GRADING AND SHAPING SHOULDERS
- 11 PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



PROPOSED TYPICAL SECTION  
STA. 1+52 TO STA. 4+90

HOT MIX ASPHALT MIXTURE REQUIREMENT

MIXTURE TYPE	AC TYPE	AIR VOIDS
<b>PAVEMENT RESURFACING:</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR.
<b>PATCHING:</b>		
CLASS D PATCHES, TYPE II, 9", HMA BINDER IL-19mm	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	PG 64-22/58-22	4% @ 70 GYR

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

GUARDRAIL VARIES FROM LOCATION TO LOCATION WITHIN STA. 35+00 TO STA. 73+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: VERT. DATE      HORIZ. DRAWN BY CHECKED BY

PLOT DATE = 2/6/2007  
 FILE NAME = c:\projects\60b78\dl42786.dwg  
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