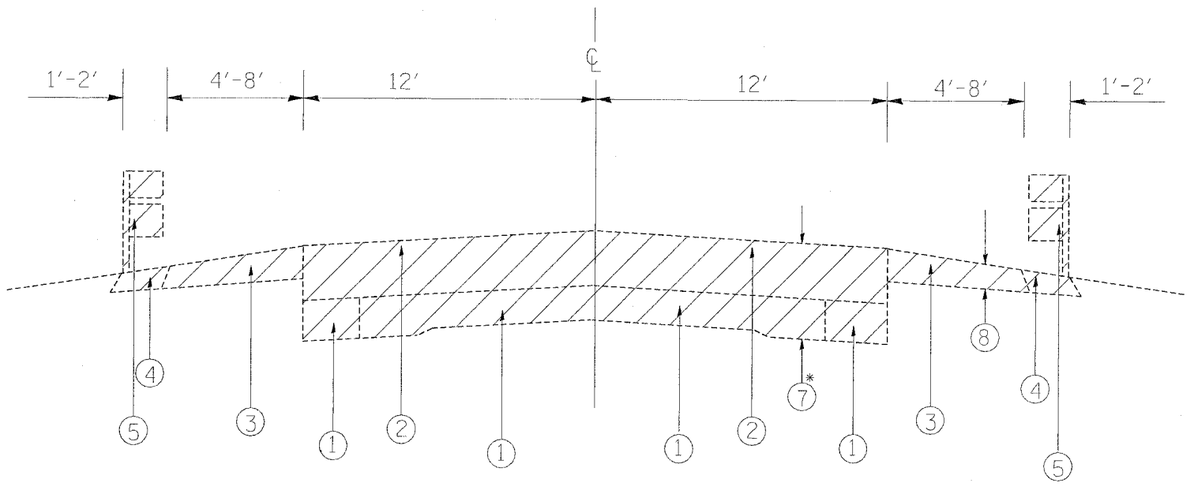
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
852	18 B-5-R-2	WILL	66	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

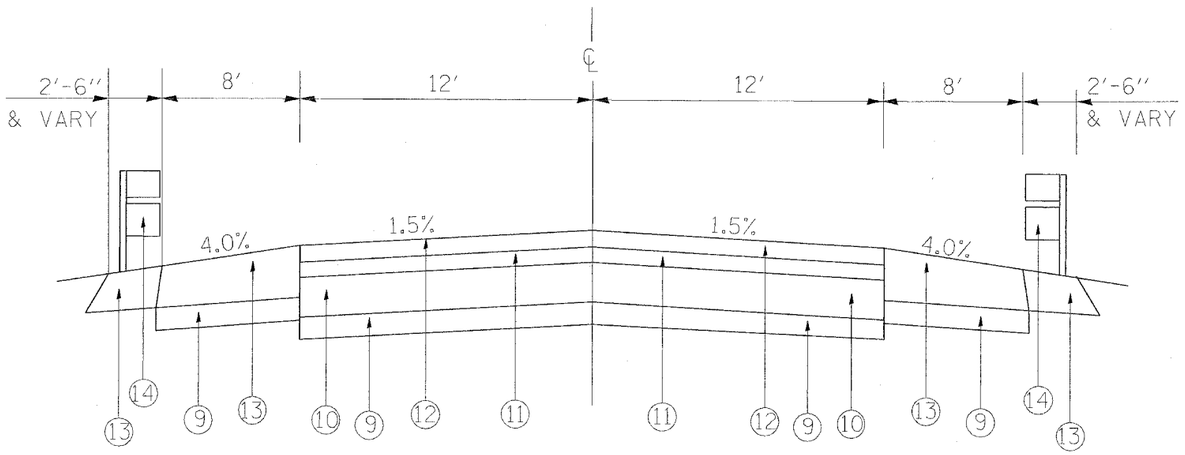


TYPICAL SECTION
US-52 EXISTING
STA 1002+94 TO STA 1007+38
STA 1008+61 TO STA 1013+56

* FROM STA. 1002+94 TO STA. 1005+20 REMOVE EXIST. PAVEMENT
FROM STA. 1005+20 TO STA. 1007+45 BREAK EXIST. PAVEMENT
FROM STA. 1008+54 TO STA. 1011+45 BREAK EXIST. PAVEMENT
FORM STA. 1011+45 TO STA. 1013+56 REMOVE EXIST. PAVEMENT
(PER STD. SPEC. SECT. 205.03)

LEGEND:

(1) EXISTING P.C.C BASE COURSE, 8"
(2) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 12.5"
(3) EXISTING HOT-MIX ASPHALT SHOULDER, 8"
(4) EXISTING AGGREGATE SHOULDER TO BE REMOVED
(5) EXISTING GUARDRAIL TO BE REMOVED
(6) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 4"
(7) PROPOSED PAVEMENT REMOVAL
(8) PROPOSED PAVED SHOULDER REMOVAL (LIMITS SHOWN ON ROADWAY PLAN)
(9) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
(10) PROPOSED P.C.C BASE COURSE, 9¼"
(11) PROPOSED LEVELING BINDER (MACHINE METHOD), N50, (IL 9.5mm); 1"
(12) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL 9.5mm); 1½"
(13) PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
(14) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A



TYPICAL SECTION
US-52 PROPOSED
STA 1002+94 TO STA 1007+16
STA 1008+84 TO STA 1013+56

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
SHOULDERS		
HOT-MIX ASPHALT SHOULDERS, 8"	PG 64-22	2% @ 30 GYR
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL 9.5mm); 1½"	PG 64-22	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50, (IL 9.5mm); 1"	PG 64-22**	4% @ 50 GYR
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL 9.5mm); 1¾"	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm); 9¾"	PG 64-22**	4% @ 50 GYR

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

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

US-52
EXISTING & PROPOSED
TYPICAL SECTIONS

SCALE: NO SCALE
DATE: 8/23/2007

DRAWN BY
CHECKED BY

8/23/2007
c:\projects\pl4980\designasm32
abraugh