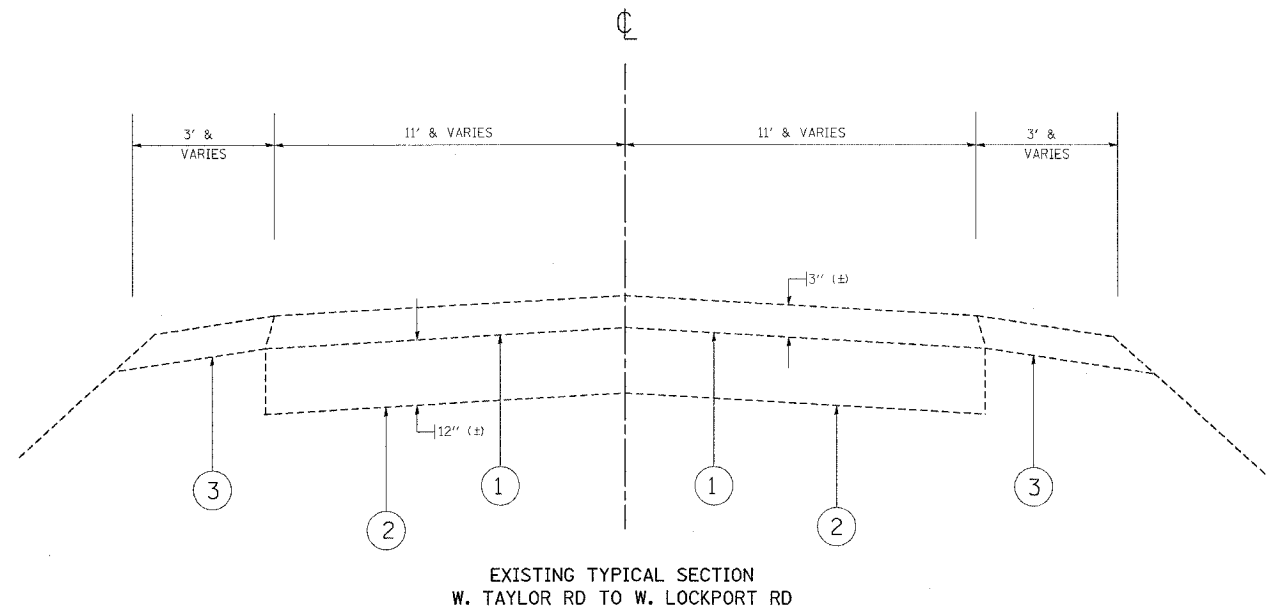


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1 AC-RS-3	WILL	14	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		
CONTRACT NO.: 60C58				



**LEGEND**

- ① EXISTING BITUMINOUS PAVEMENT, 3" (±)
- ② EXISTING AGGREGATE BASE COURSE, 12" (±)
- ③ EXISTING AGGREGATE SHOULDER
- ④ PROPOSED HMA SURFACE COURSE, MIX D, N50, 1-1/2"
- ⑤ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 1"
- ⑥ PROPOSED GRADING & SHAPING SHOULDER
- ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

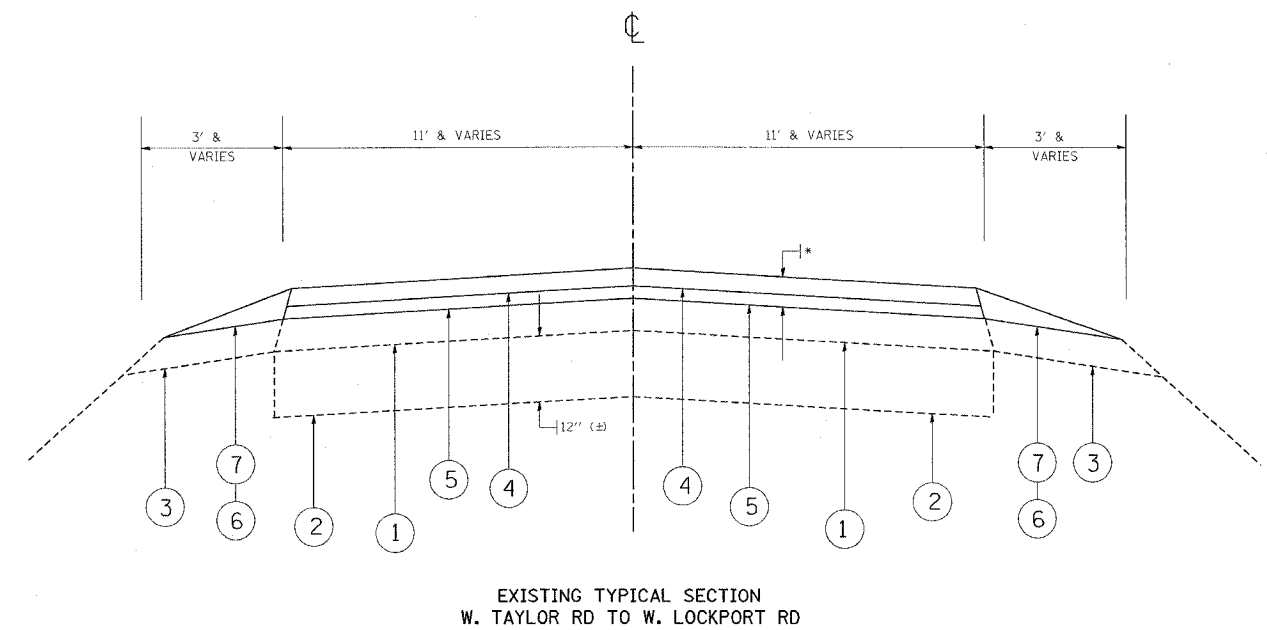
**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**  
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE TYPE	AC/PG	AIR Voids (%)	THICKNESS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	PG 64-22	4%±50 GYR	1-1/2"
LEVELING BINDER (MACHINE METHOD) N50 (IL 9.5 mm)	PG 64-22/ 58-22	4%±50 GYR	1"
CLASS D PATCHES (HMA BINDER IL-19 mm)	PG 64-22/ 58-22	4%±70 GYR	4"

**NOTE:**

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD PER INCH.

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



• **HMA OVERLAY, 2-1/2"**  
PROP. LEVELING BINDER (MM), N50, 1"  
PROP. HMA SURFACE COURSE MIX D, N50, 1-1/2"

PLOT DATE = 6/22/2007  
FILE NAME = c:\p\projects\133106\design\road.dgn  
PLOT SCALE = 3/8" = 1' IN.  
REFERENCE = 4874

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**W. LOCKPORT RD TO W. TAYLOR RD**  
**(EAST FRONTAGE ROAD)**  
**EXISTING AND PROPOSED**  
**TYPICAL SECTIONS**  
SCALE: VERT.      DRAWN BY  
          HORIZ.      CHECKED BY  
DATE 6/22/2007