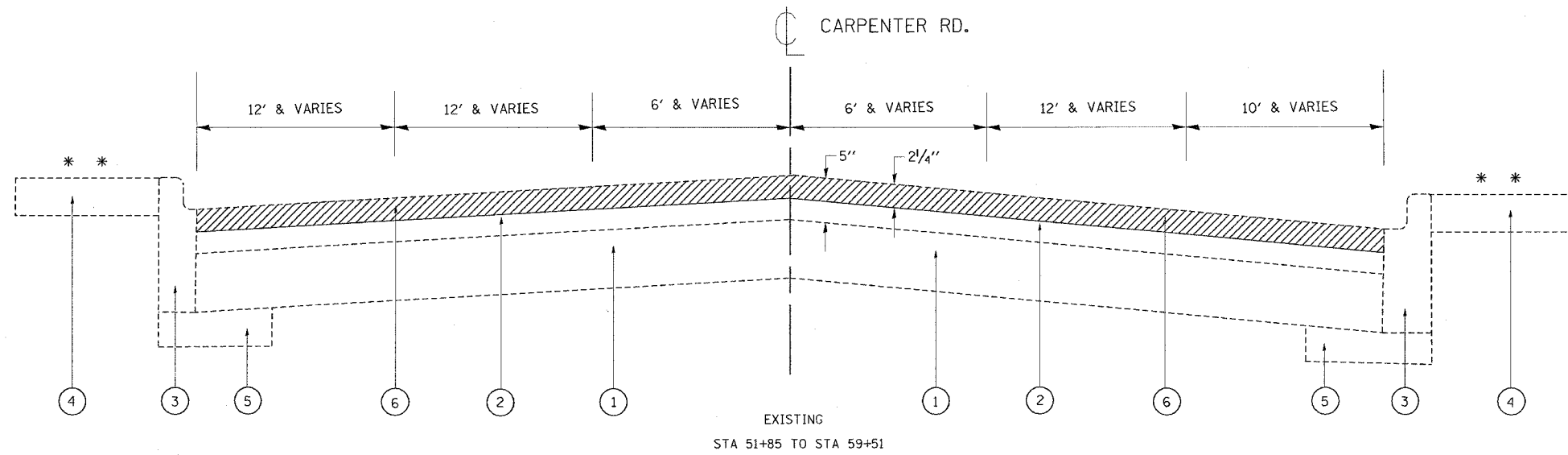
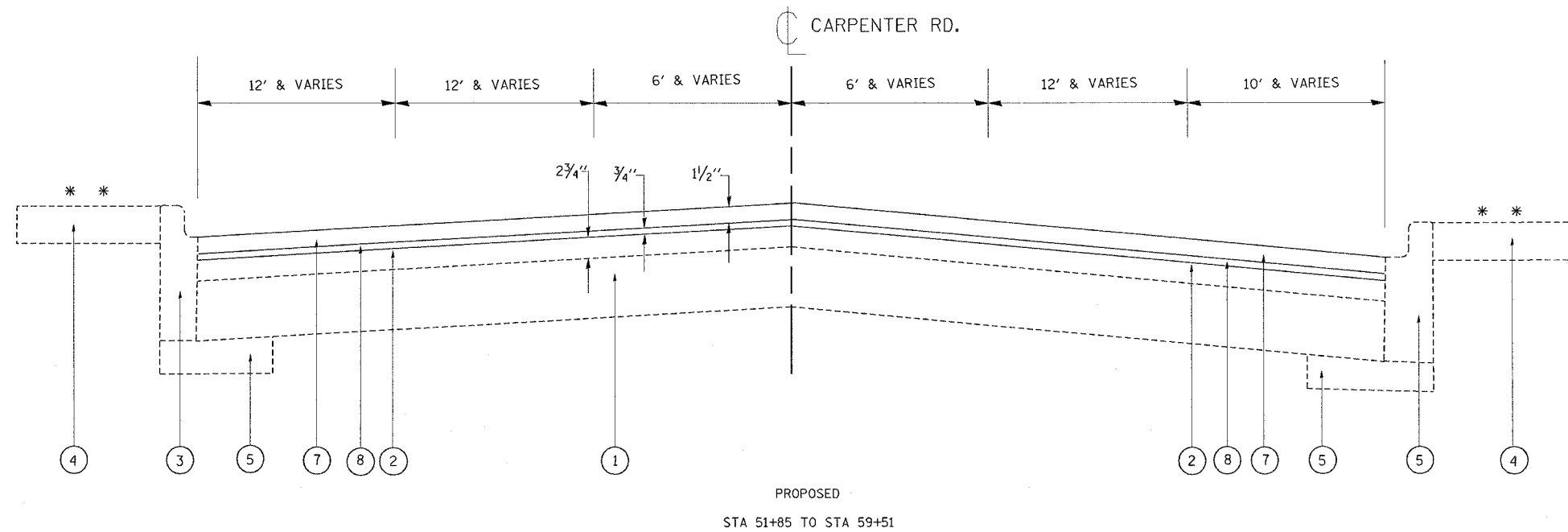


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2798	3055.A-RS-1	COOK	19	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- ① EXISTING PCC PAVEMENT 12"
- ② EXISTING HOT-MIX ASPHALT SURFACE (+/-) 2 3/4 " (AFTER MILLING)
- ③ EXISTING COMB. CONC. CURB AND GUTTER
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING SUBBASE GRANULAR MATERIAL TYPE A (4")
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (2 1/4 ")
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70 (1 1/2 ")
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")



* * LOCATIONS VARIES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE	AC TYPE	AIR VOIDS (%)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	PG 64-22	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL- 4.75, N50	SBS/PG 76-28	4% @ 50 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	PG 64-22/58-22	4% @ 70 GYR.
CLASS "D" PATCHES 9", (BINDER, IL-19 MM)	PG 64-22/58-22	4% @ 70 GYR.

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CARPENTER ROAD
(LUNT AVE. TO TOUHY AVE.)
EXISTING AND PROPOSED
TYPICAL SECTIONS**

SCALE: VERT. NONE
HORIZ. DATE

DRAWN BY JA
CHECKED BY