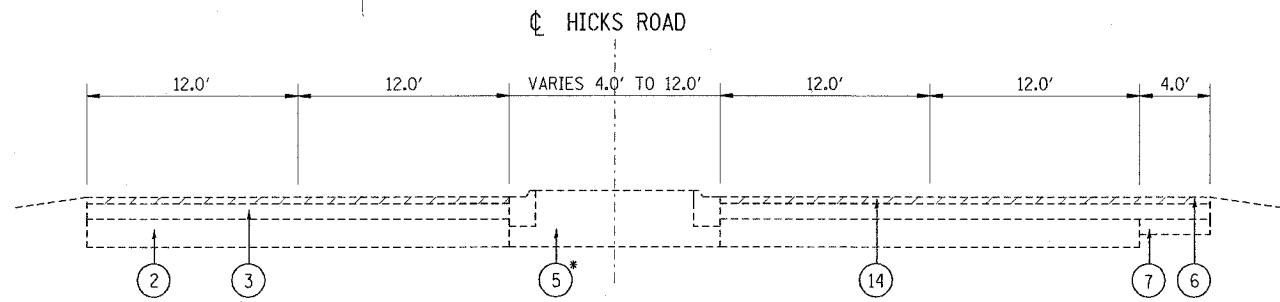


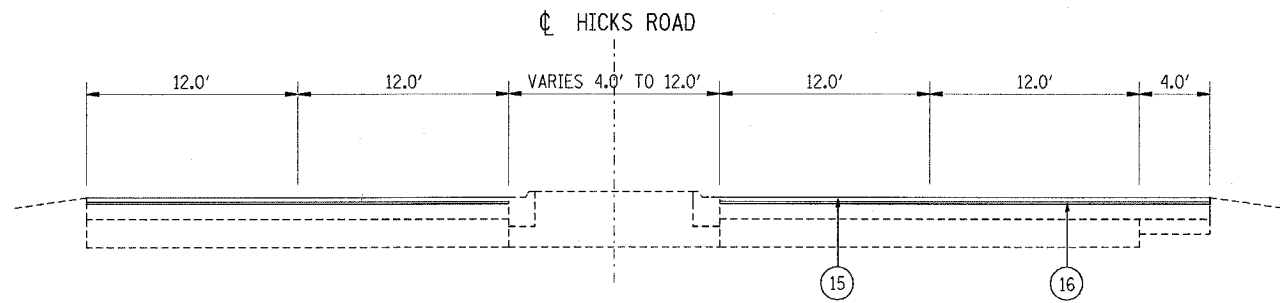
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	531 RS-1	COOK	34	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		

* FAU 2592 & FAP 305

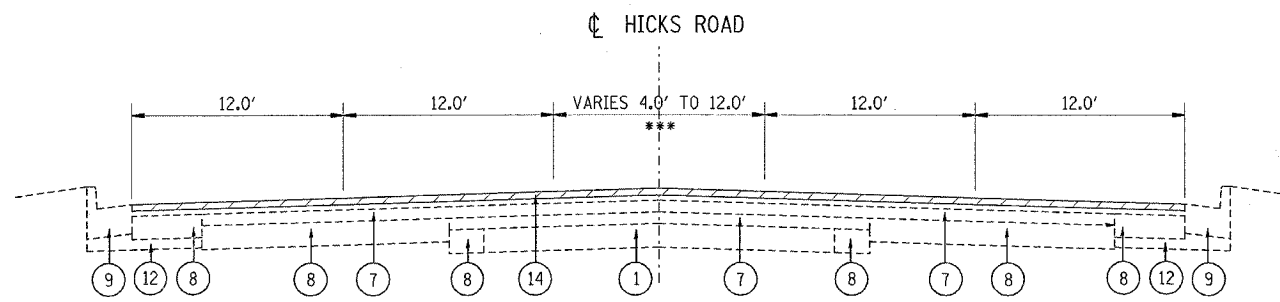


EXISTING TYPICAL SECTION
KIRCHOFF RD. TO EUCLID AVE.
STATION 80+57 TO 95+07

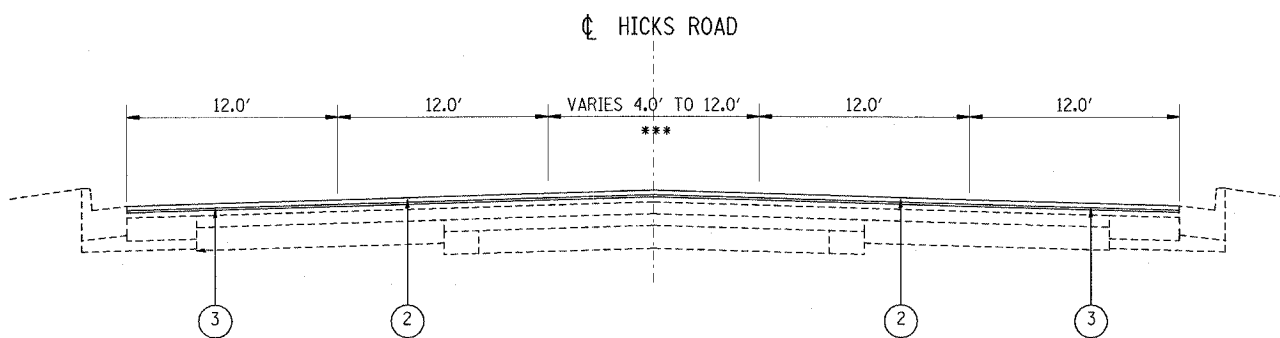
*BARRIER MEDIAN FROM STA. 80+57 TO 83+07 TO REMAIN (SEE ROADWAY PLAN)



PROPOSED TYPICAL SECTION
KIRCHOFF RD. TO EUCLID AVE.
STATION 80+57 TO 95+07



EXISTING TYPICAL SECTION
EUCLID AVE. TO US 14
STATION 95+07 TO 164+40



PROPOSED TYPICAL SECTION
EUCLID AVE. TO US 14
STATION 95+07 TO 164+40

*** BARRIER MEDIAN FROM STA. 160+71 TO 163+55 TO REMAIN (SEE ROADWAY PLAN)

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 8" (±)
- ② EXISTING P.C.C. PAVEMENT, 9 1/2" (±)
- ③ EXISTING CONCRETE PAVEMENT, 7 1/2" (±)
- ④ EXISTING HMA PAVEMENT, 10" (±)
- ⑤ EXISTING BARRIER MEDIAN
- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA OVERLAY, 4" (±)
- ⑧ EXISTING HMA BASE COURSE WIDENING, 8" (±)
- ⑨ EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 (MOD.)
- ⑩ EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE M-2.12
- ⑪ EXISTING STABILIZED MEDIAN, 12"
- ⑫ EXISTING AGGREGATE SUBBASE, TYPE B
- ⑬ EXISTING STABILIZED SUBBASE
- ⑭ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑮ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑯ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
PAVEMENT RESURFACING:		
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4.0% @ 50 GYR
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	SBS/SBR PG 70-22	4.0% @ 90 GYR
PAVEMENT PATCHING:		
CLASS D PATCHES (HMA BINDER IL-19.0 MM)	PG 64-22 / 58-22*	4.0% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0 MM)	PG 64-22 / 58-22*	4.0% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIX QUANTITIES IS 112 LBS / 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
HICKS ROAD
EXISTING AND PROPOSED
TYPICAL SECTIONS

SCALE: VERT. NONE
HORIZ. NONE

DRAWN BY
CHECKED BY