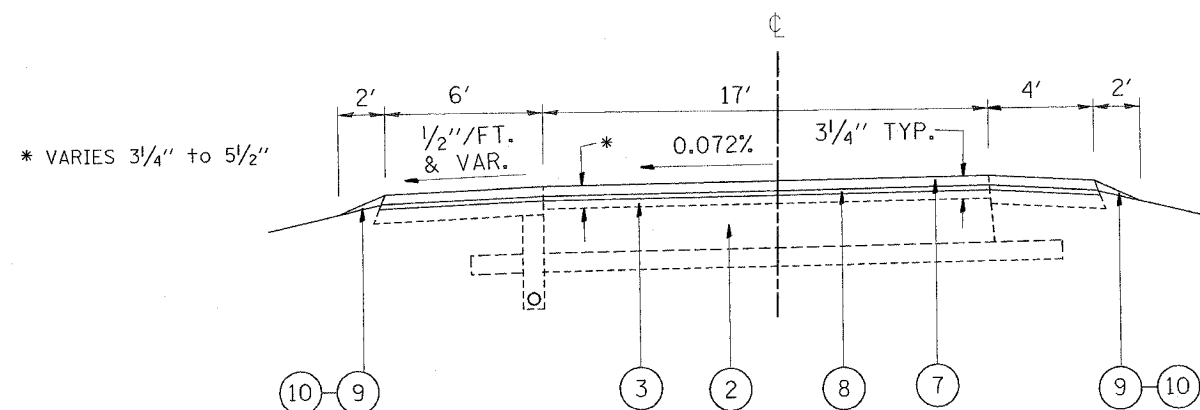


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	COOK	54	27
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		

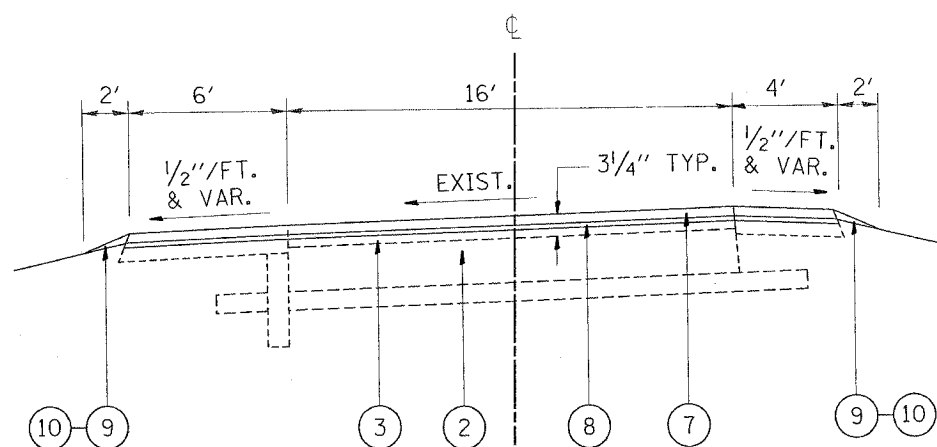
* (0101, 0203B & 0303) RS-10



PROP. TYPICAL SECTION
 RAMP A : STA. 2+00 TO STA. 10+75
 RAMP D : STA. 1+50 TO STA. 10+10

LEGEND

- ① EXIST. CURB AND GUTTER
- ② EXIST. 10" CRC PAVEMENT
- ③ EXIST. HOT-MIX ASPHALT BINDER COURSE (AFTER MILLING), 1 3/4" & VARIES
- ④ EXIST. AGGREGATE SHOULDER TYPE A, 8"
- ⑤ EXIST. PCC BASE COURSE, 10"
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑦ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROP. POLYMERIZED LEVELING BINDER, IL-4.75, N50, 3/4"
- ⑨ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROP. GRADING AND SHAPING SHOULDER



PROP. TYPICAL SECTION
 RAMP C : STA. 41+03 TO STA. 51+46
 RAMP G : STA. 21+00 TO STA. 37+18

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS(%)
PAVEMENT RESURFACING (RAMPS)		
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/SBR PG 76-28/-22	4% @ 50 GYR.
PATCHING ON RAMPS		
CLASS D PATCHES 10" (HMA BINDER IL-25 mm)	PG 64-22*	4% @ 105 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22	4% @ 70 GYR.

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

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP 332: IL 394
 EXISTING TYPICAL SECTIONS
 RAMPS A,D,C&G

SCALE: N.T.S.

DRAWN BY