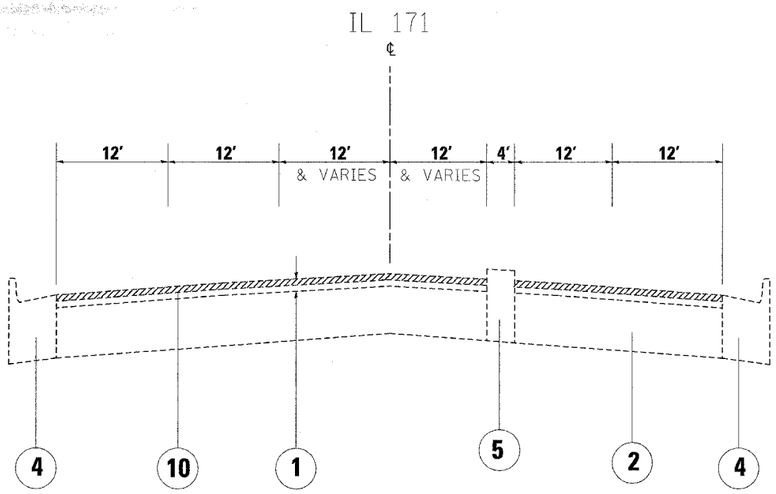
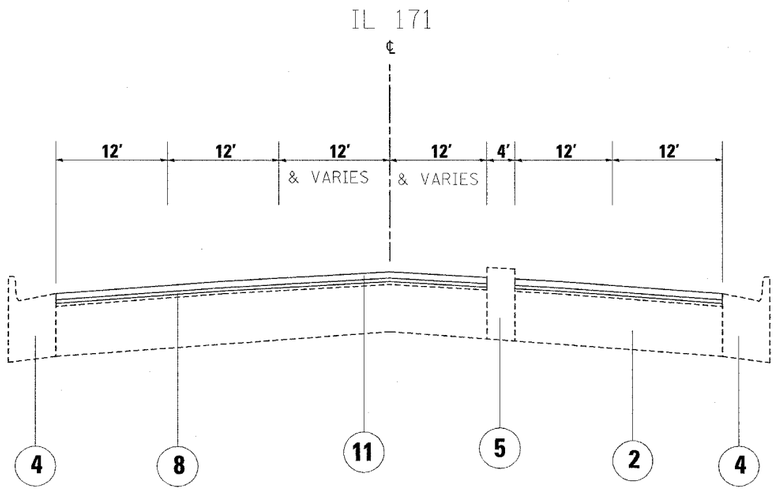
CONTRACT NO. 62707

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	(B&U-1) RS-6	COOK	27	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL CROSS SECTION
STATION 450+00 TO STATION 455+80



PROPOSED TYPICAL CROSS SECTION
STATION 450+00 TO STATION 455+80

LEGEND

1. EXISTING HOT–MIX ASHPALT SURFACE, 6" +/–
2. EXISTING P.C.C. PAVEMENT, 9" +/–
3. EXISTING AGGREGATE SHOULDER
4. EXISTING CONCRETE CURB AND GUTTER, TYPE B–6.24
5. EXISTING RAISED CONCRETE MEDIAN
6. PROPOSED HOT MIX ASPHALT SURFACE REMOVAL, 2 1/4"
7. PROPOSED HOT MIX ASPHALT CONCRETE SURFACE COURSE, MIX "D", N70, 1 1/2"
8. PROPOSED POLYMERIZED LEVELING BINDER, (MACHINE METHOD), IL – 4.75, N50, 3/4"
9. PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
10. PROPOSED HOT MIX ASPHALT SURFACE REMOVAL, 2 1/2"
11. PROPOSED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
12. PROPOSED GRADING & SHAPING SHOULDER

HOT MIX ASPHALT MIXTURE REQUIREMENT

	MIXTURE TYPE	AC TYPE	AIR VOIDS
	PAVEMENT RESURFACING:		
	HOT–MIX ASPHALT SURFACE COURSE MIX "D", N70 (IL–9.5MM)	PG 64–22	4% @ 70 GYR.
	POLYMERIZED HOT–MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL–9.5MM)	SBS/SBR PG 70–22	4% @ 90 GYR.
	POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL–4.75, N50	SBS/SBR PG 76–28/22	4% @ 50 GYR
	PATCHING:		
*	CLASS D PATCHES, TYPE I, II, III & IV, 9", (HMA BINDER IL–19MM)	PG 64–22 /58–22	4% @ 70 GYR
*	HOT–MIX ASPHALT REPLACEMENT OVER PATCHES, (HMA BINDER IL–19.0 MM)	PG 64–22 /58–22	4% @ 70 GYR

* – WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58–22
– THE UNIT WEIGHT USED TO CALCULATE ALL HOT–MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 171
ROBERTS ROAD TO SOUTH OF 63RD STREET

EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE 3/28/2007
DRAWN BY
CHECKED BY

3/28/2007
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