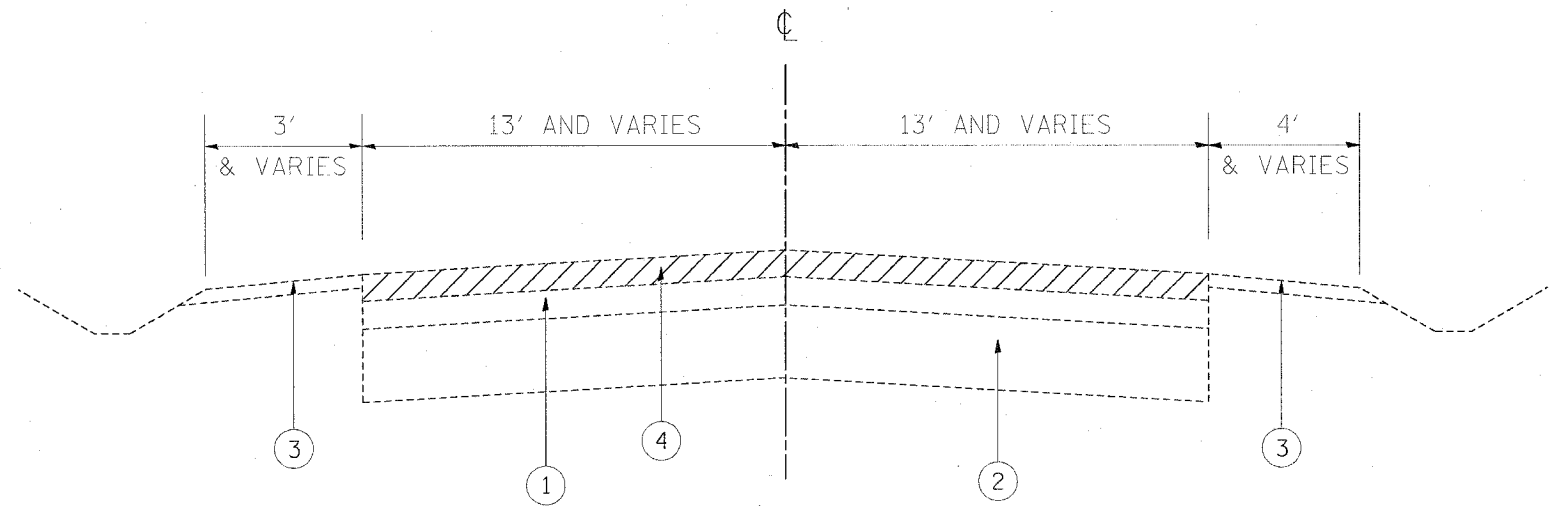
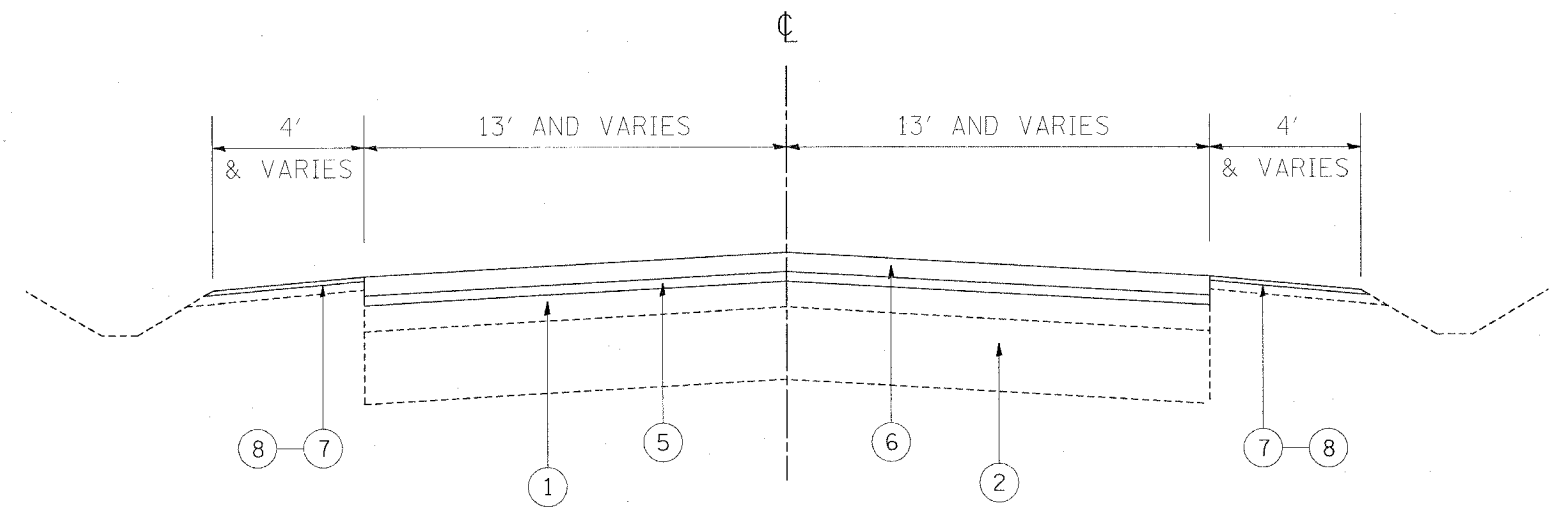


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	(11 & 12) RS-11	McHENRY	21	4
STA. +		TO STA. +		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

LEGEND

- ① EXISTING HOT-MX ASPHALT PAVEMENT, 6" (±)
- ② EXISTING PCC BASE COURSE, 8" (±)
- ③ EXISTING AGGREGATE SHOULDER
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, (3/4")
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (1 1/2")
- ⑦ PROPOSED GRADING & SHAPING SHOULDER
- ⑧ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	AIR VOIDS (%)
<i>PAVEMENT RESURFACING</i>		
HMA SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28	2.5% @ 50 GYR.
<i>PAVEMENT PATCHING</i>		
HMA REPLACEMENT OVER PATCHES, BINDER IL-19.0 (MM)	PG 64-22	4% @ 70 GYR.
CLASS D PATCH, BINDER IL-19.0 (MM)	PG 64-22	4% @ 70 GYR.

THE UNIT WEIGHT FOR ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS / SQ. YD. / IN WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		US 20 EXISTING & PROPOSED TYPICAL SECTIONS AND HMA MIXTURE REQUIREMENTS
SCALE: VERT. DRAWN BY		CHECKED BY
HORIZ. DATE 2/11/2007		

PLOT DATE = 2/11/2007
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 PLOT SCALE = 50.0000' / 1" IN.
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