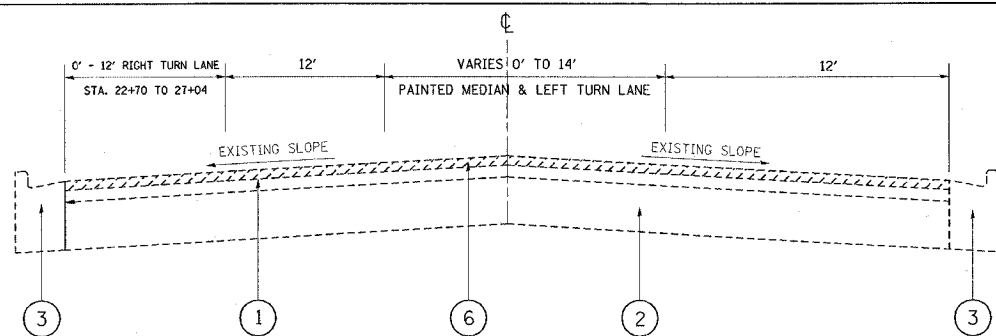
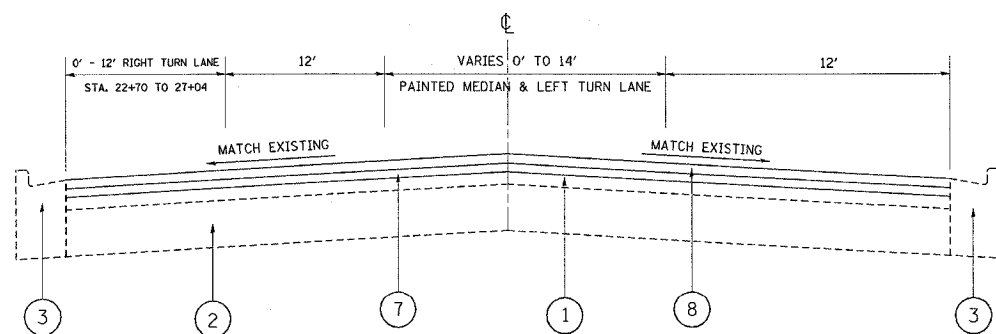


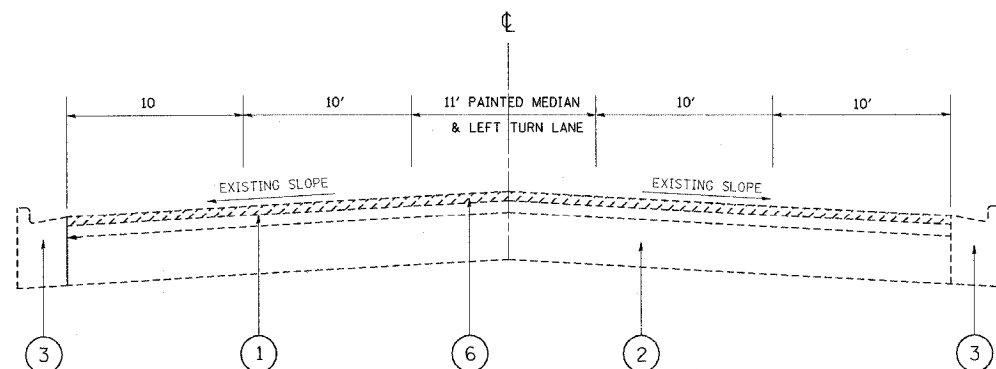
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	E-1, F, G, H & RI RS-5	KANE	43	5
STA. +	TO STA. +			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		



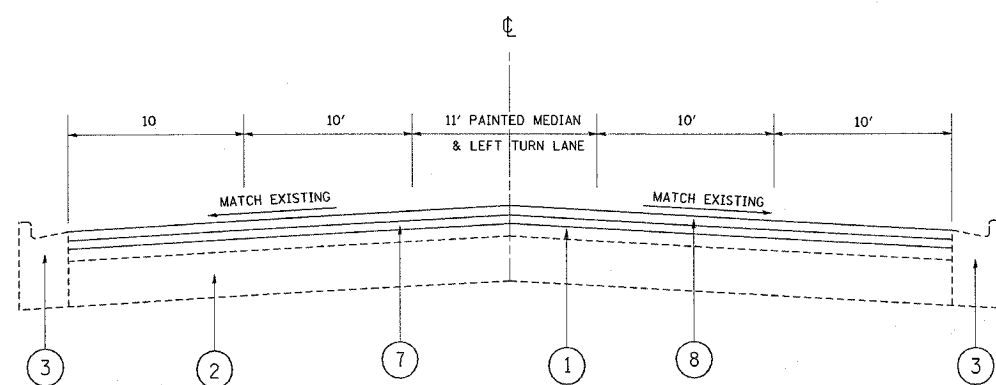
EXISTING TYPICAL CROSS SECTION  
STA. 10+88 TO STA. 32+00



PROPOSED TYPICAL CROSS SECTION  
STA. 10+88 TO STA. 32+00



EXISTING TYPICAL CROSS SECTION  
STA. 32+00 TO STA. 39+62



PROPOSED TYPICAL CROSS SECTION  
STA. 32+00 TO STA. 39+62

**LEGEND**

- ① EXISTING HOT-MIX ASPHALT OVERLAY, 5" (±)
- ② EXISTING P.C.C. BASE COURSE, 10" (±)
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ EXISTING RAISED MEDIAN
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (PARKING LANES AND BRIDGE APPROACH SLAB)
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, (3/4")
- ⑧ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, (1 3/4")

DENOTES REMOVAL

**HMA MIXTURE REQUIREMENTS**

MIXTURE USE	AC TYPE	AIR VOIDS (%)
<b>PAVEMENT PATCHING</b>		
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0 mm)	PG 64-22/58-22*	4 % @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL-19.0 mm)	PG 64-22/58-22*	4 % @ 70 GYR.
<b>PAVEMENT RESURFACING</b>		
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, (IL-9.5 mm)	5B5/5BR PG 70-22	4 % @ 90 GYR.
POLYMERIZED HMA LEVELING BINDER (MM), IL-4.75, N50, 3/4"	5B5/5BR PG 76-28/22	4 % @ 70 GYR.

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL 31**  
 EXISTING AND PROPOSED  
 TYPICAL SECTIONS  
 SCALE: VERT. NONE  
 HORIZ. DATE 4/18/2007  
 DRAWN BY  
 CHECKED BY

Rev.