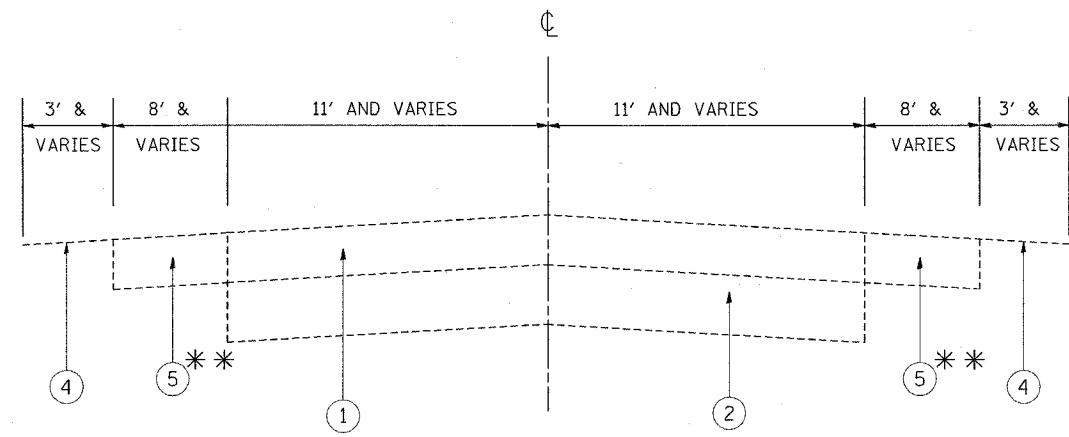
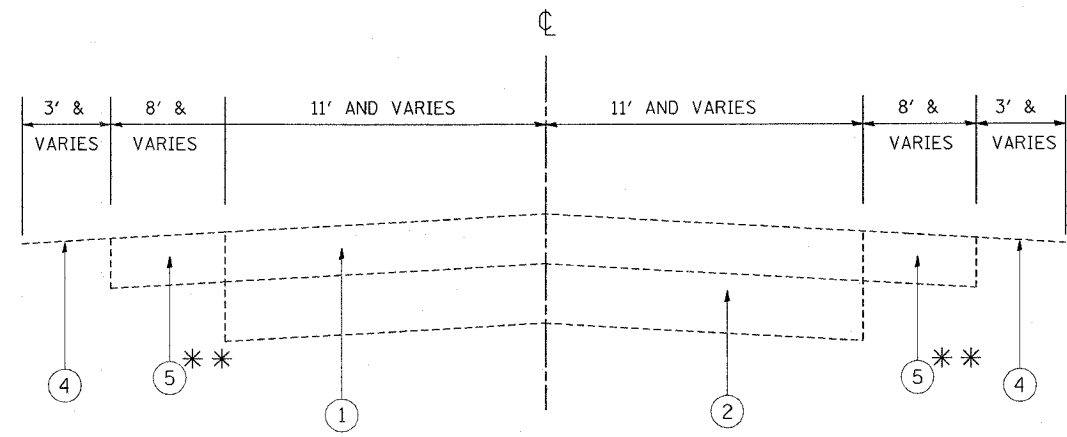


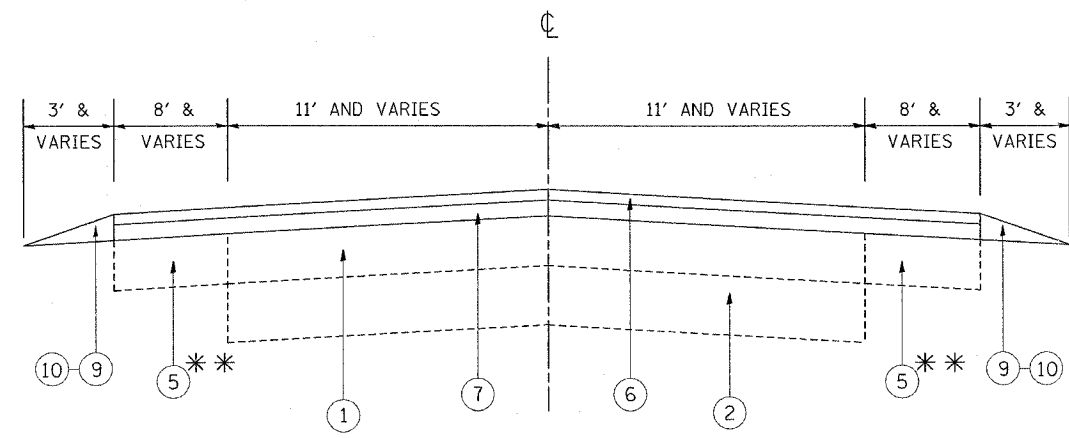
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-013 RS	DUPAGE	12	4
STA. +		TO STA. +		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				



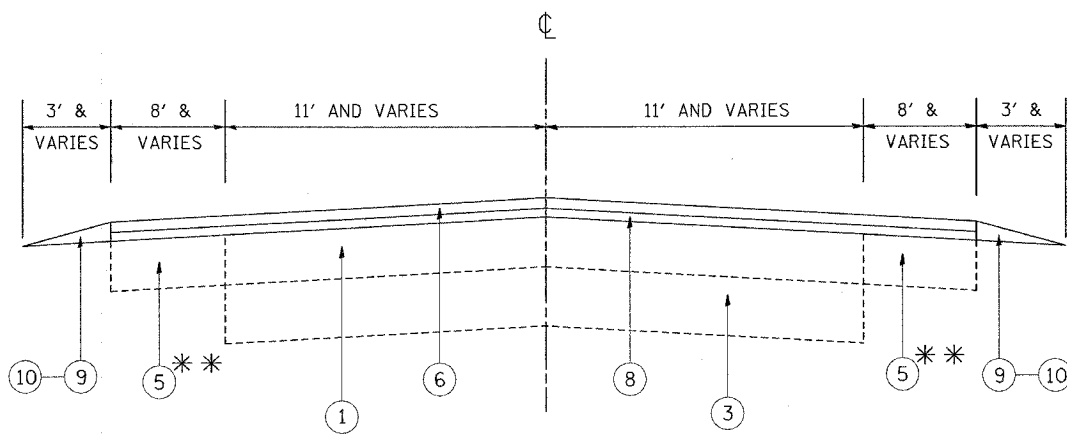
EXISTING TYPICAL SECTION
STA. 0+00 TO STA. 20+00
STA. 40+00 TO STA. 71+12



EXISTING TYPICAL SECTION
STA. 0+00 TO STA. 20+00
STA. 40+00 TO STA. 71+12



PROPOSED TYPICAL SECTION
STA. 0+00 TO STA. 20+00
STA. 40+00 TO STA. 71+12



PROPOSED TYPICAL SECTION
STA. 20+00 TO STA. 40+00

LEGEND

- ① EXISTING HMA PAVEMENT, 6." (±)
- ② EXISTING AGGREGATE SUB-BASE, 6" (±)
- ③ EXISTING P.C.C. SUB-BASE, 8" (±)
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING HMA SHOULDER
- ⑥ PROPOSED HMA SURFACE COURSE MIX "D", N70, 1 1/2"
- ⑦ PROPOSED HMA BINDER COURSE, IL-19, N70, 2 1/2"
- ⑧ PROPOSED HMA LEVELING BINDER (MM), N50, 1"
- ⑨ PROPOSED GRADING & SHAPING SHOULDER
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	AIR VOIDS (%)
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	PG 64-22	4% @ 70 GYR.
HMA BINDER COURSE, IL-19.0, N70	PG 64-22 / 58-22 *	4% @ 70 GYR.
HMA LEVELING BINDER (MM), N50 (IL-9.5 mm)	PG 64-22 / 58-22 *	4% @ 70 GYR.

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

* * 8' HMA SHOULDERS ARE FROM STA. 14+75 TO STA. 42+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED TYPICAL SECTIONS
AND HMA MIXTURE REQUIREMENTS TABLE

SCALE: VERT.
HORIZ.
DATE 4/2/2007

DRAWN BY
CHECKED BY