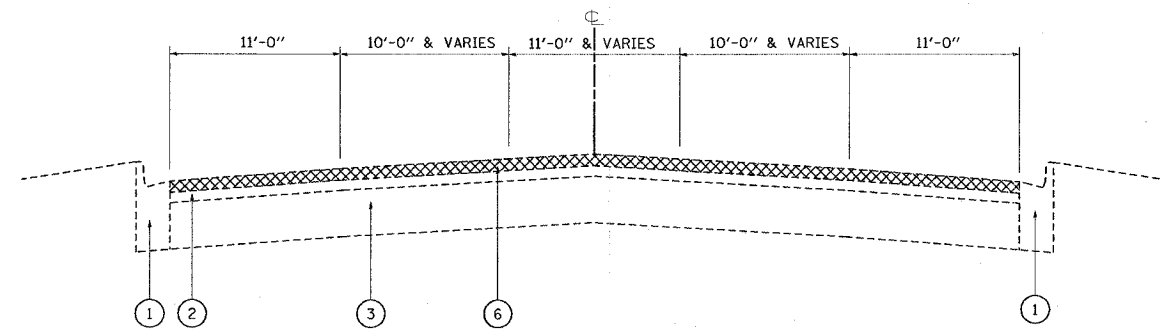
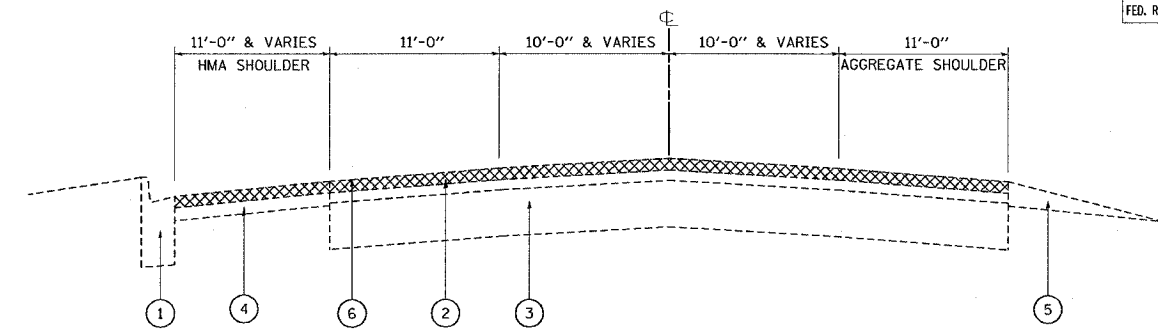


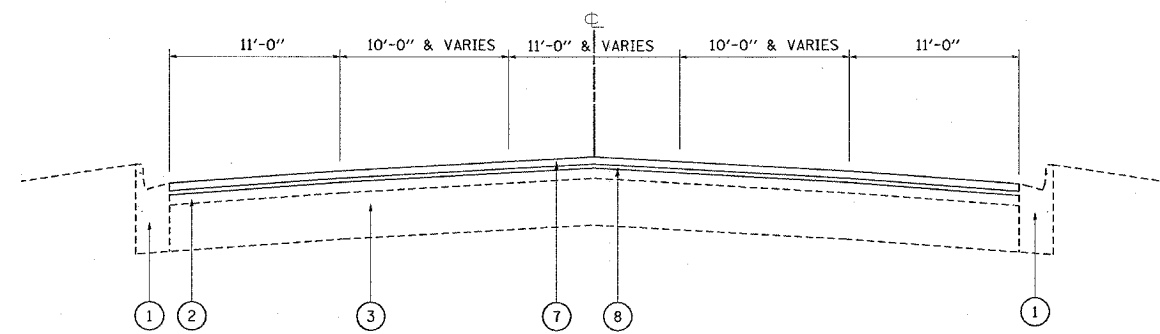
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	2007-016-RS	COOK	14	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



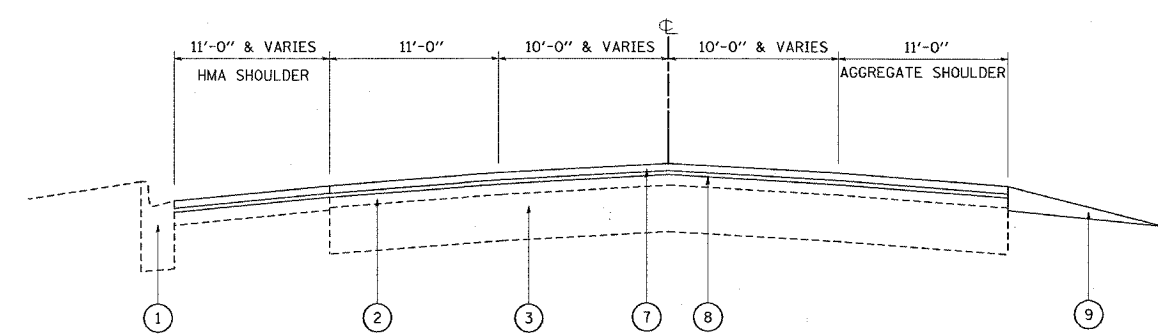
55TH STREET
EXISTING TYPICAL SECTION
STA 101+56 TO STA 105+00
STA 123+00 TO STA 125+58
LOOKING EAST



55TH STREET
EXISTING TYPICAL SECTION
STA 105+00 TO STA 123+00
LOOKING EAST



55TH STREET
PROPOSED TYPICAL SECTION
STA 101+56 TO STA 105+00
STA 123+00 TO STA 125+58
LOOKING EAST



55TH STREET
PROPOSED TYPICAL SECTION
STA 105+00 TO STA 123+00
LOOKING EAST

LEGEND

- ① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE
- ③ EXISTING CONCRETE SUB-BASE
- ④ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ⑦ PROPOSED POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX F, N90
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
- ⑨ PROPOSED GRADING AND SHAPING SHOULDER

HOT MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR
POLYMERIZE LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR
CLASS D PATCHES (HMA BINDER IL-19, MM)	PG 64-22/58-22 **	4% @ 70 GYR
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0 MM)	PG 64-22/58-22 **	4% @ 70 GYR

THE UNIT WEIGHT USED TO CLACULATE ALL HMA 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	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
U.S. RTE. 12/20/45 (LAGRANGE ROAD)
@ 55TH STREET
TYPICAL SECTIONS
SCALE: 1" = 50'
DATE: 4/16/2007
DRAWN BY
CHECKED BY