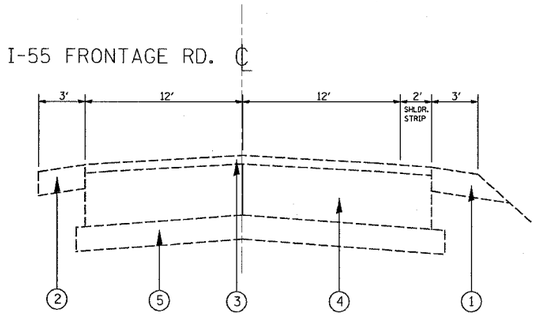
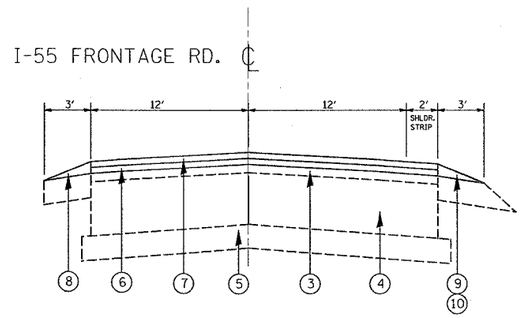
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2)RS-9	WILL	15	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60A58



EXISTING TYPICAL SECTION
STA. 87+01 TO 19+51



PROPOSED TYPICAL SECTION
STA. 87+01 TO 19+51

LEGEND:

(1) EXISTING AGGREGATE SHOULDER, 3'

(2) EXISTING HOT-MIX ASPHALT SHOULDER, ±6"

(3) EXISTING HOT-MIX ASPHALT SURFACE, ±6"

(4) EXISTING P.C.C. PAVEMENT, 12"

(5) EXISTING STABILIZED SUB-BASE

(6) PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 1"

(7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, SUPERPAVE, MIX "D", N50, 1 1/2"

(8) PROPOSED HOT-MIX ASPHALT SHOULDER, 3'

(9) PROPOSED GRADING AND SHAPING SHOULDERS, 3'

(10) PROPOSED AGGREGATE SHOULDERS, 3'

MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	RAP % (MAX)	DESIGN AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22	15	4% @ 50
LEVELING BINDER (MACHINE METHOD), N50	PG 64-22/ 58-22	25	4% @ 50
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, IL-19MM	PG 64-22	15	4% @ 70
CLASS "D" PATCHES, 10" BINDER COURSE, IL-19	PG 64-22	15	4% @ 70

NOTES:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIX 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

TYPICAL SECTIONS

F.A.I. 55/I-55 FRONTAGE RD.

U.S. 6 (EAMES RD.) TO BLUFF RD.

SCALE: VERT.
HORIZ.
DATE

DRAWN BY: P. STEED
CHECKED BY

PLOT DATE = 6/25/2007
FILE NAME = a:\projects\d107686\design_sa.dgn
PLOT SCALE = 50.0012 '/ IN.
USER NAME = steedps