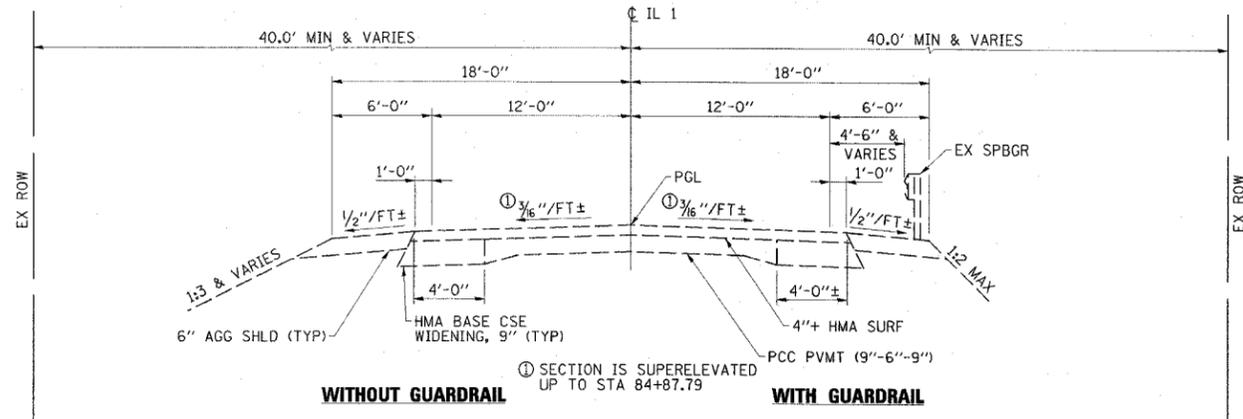
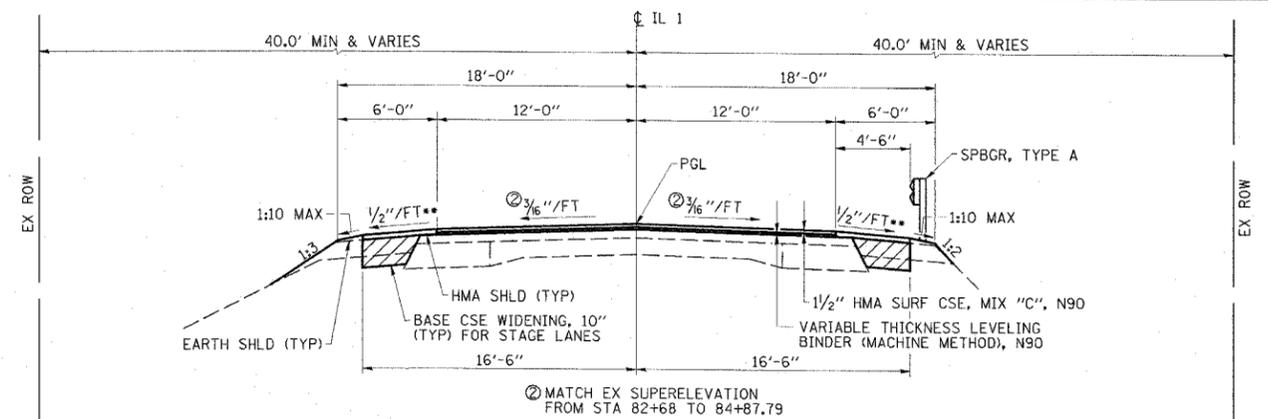




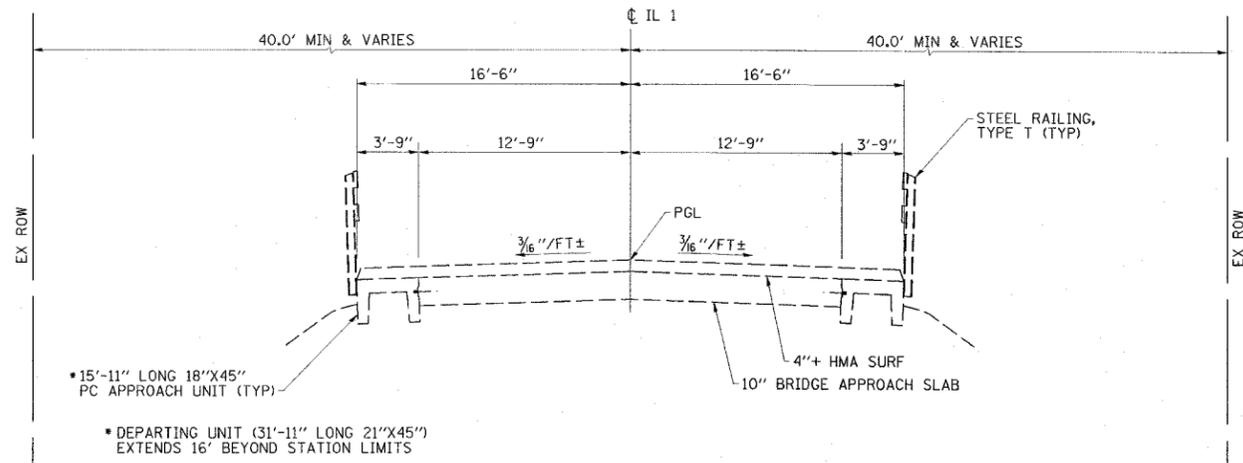
CONTRACT NO. 78027				
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	110BR-1	WHITE	73	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



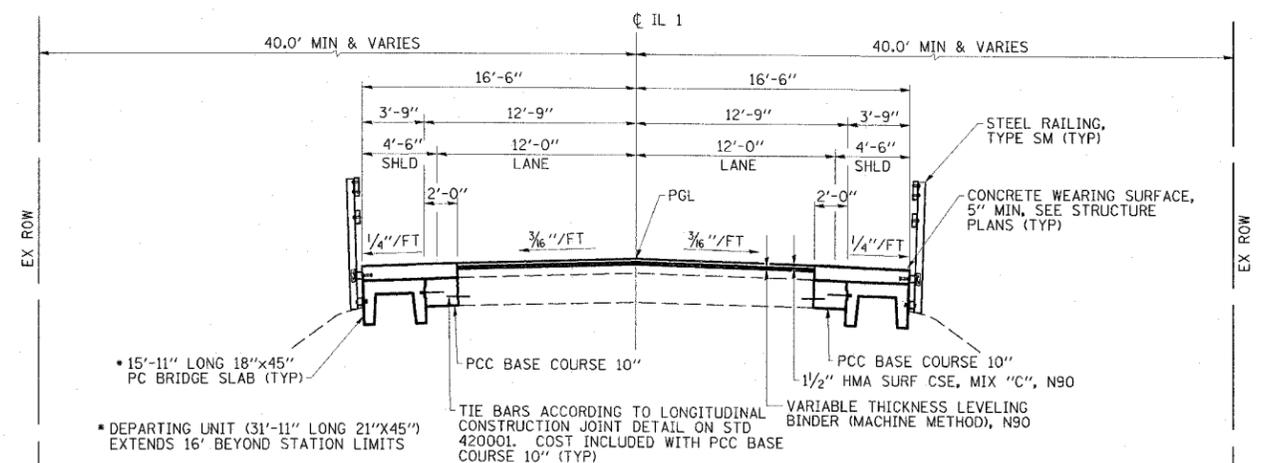
EXISTING TYPICAL ROADWAY SECTION
 STA 82+00 TO 84+87.79
 STA 85+69.22 TO 88+50



PROPOSED TYPICAL ROADWAY SECTION
 STA 82+68 TO 84+87.79
 STA 85+69.22 TO 86+60



EXISTING BRIDGE APPROACH SECTION
 STA 84+87.79 TO 85+69.22
 BRIDGE OMISSION STA 85+03.38 TO 85+52.63



PROPOSED BRIDGE APPROACH SECTION
 STA 84+87.79 TO 85+69.22
 BRIDGE OMISSION STA 85+03.38 TO 85+52.63

HMA MIXTURES REQUIREMENTS

LOCATION(S):	HOT MIX ASPHALT SURFACE COURSE AND LEVELING BINDER	BASE COURSE WIDENING	HOT MIX ASPHALT SHOULDERS
MIXTURE USE(S):	HOT MIX ASPHALT SURFACE COURSE, MIX C, N90	HOT MIX ASPHALT BINDER COURSE, N90, IL-19.0	HOT MIX ASPHALT SHOULDERS
AC/PG:	PG64-22	PG64-22	PG58-22
RAP % (MAX): ***	10	10	50
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN	4.0%, 90 GYRATION DESIGN	2.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL 12.5	IL-19.0	HMA SHOULDERS
FRICTION AGGREGATE:	C SURFACE	NONE	NONE

*** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

ESCA
 CONSULTANTS, INC.

DESIGNED BY: DAJ 10/07
 DRAWN BY: HAS 10/07
 CHECKED BY: MTD 01/08
 APPROVED BY: RDP 01/08

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

TYPICAL SECTIONS
 FAP RTE 782 (IL 1)
 SECTION 110BR-1
 WHITE COUNTY