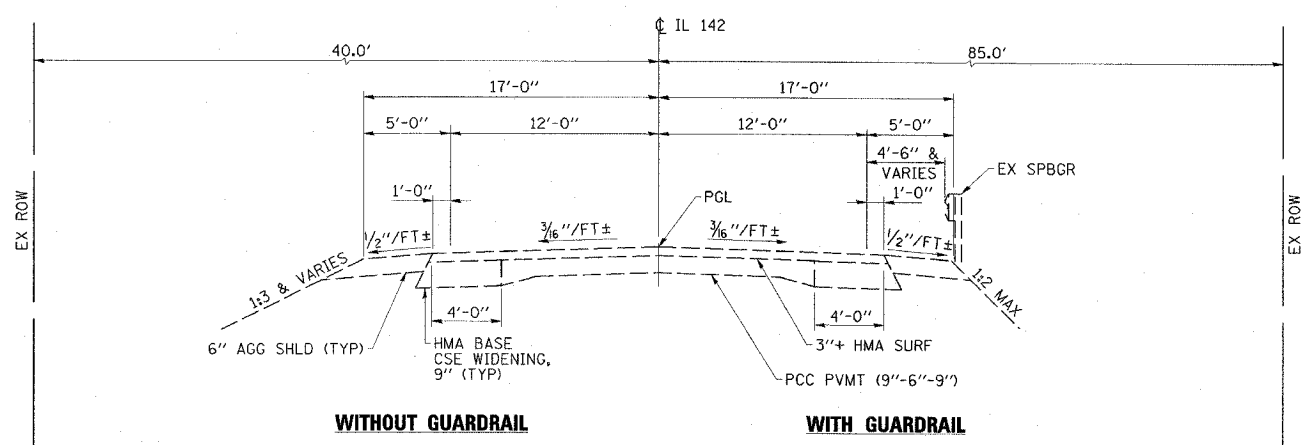


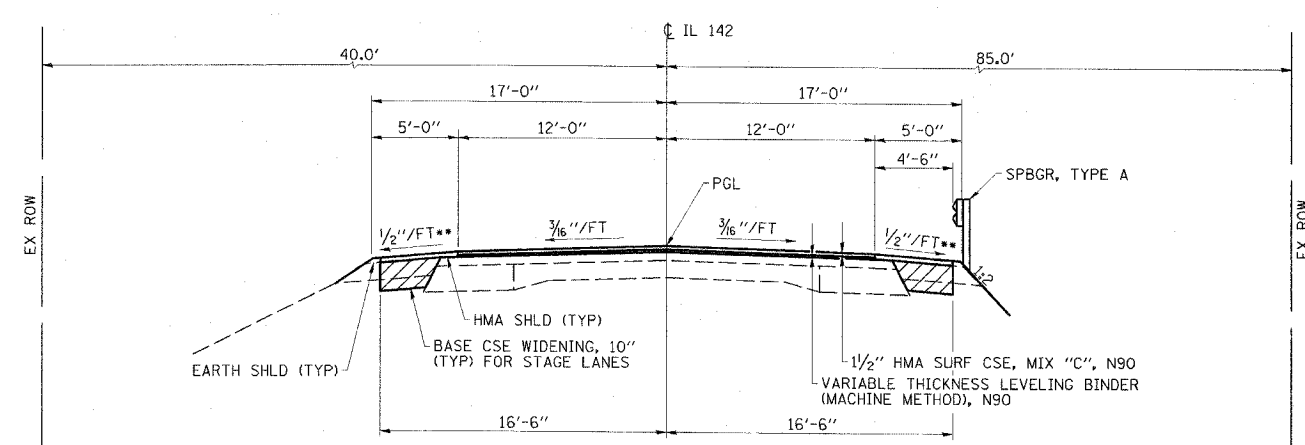


CONTRACT NO. 78027

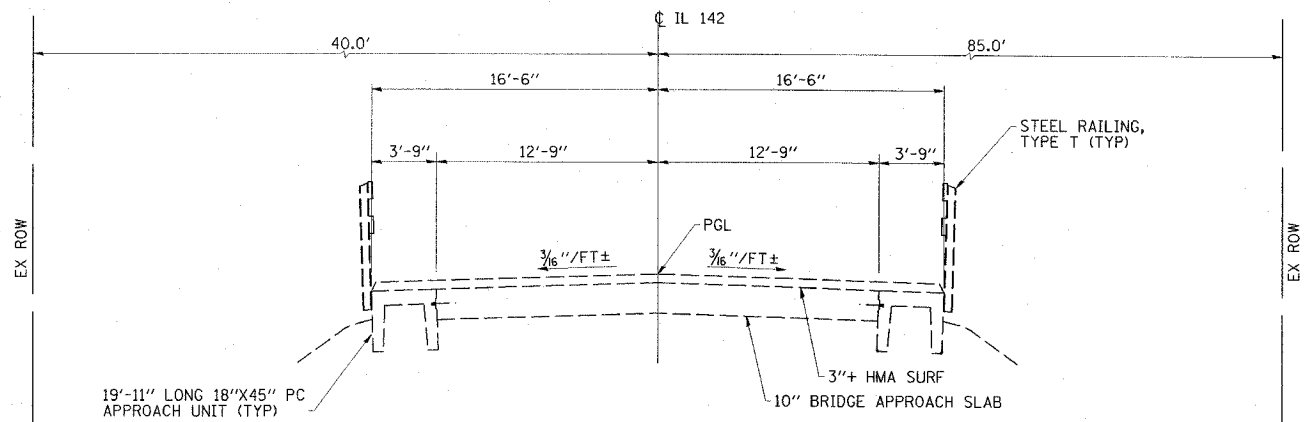
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	115BR-1	HAMILTON	73	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



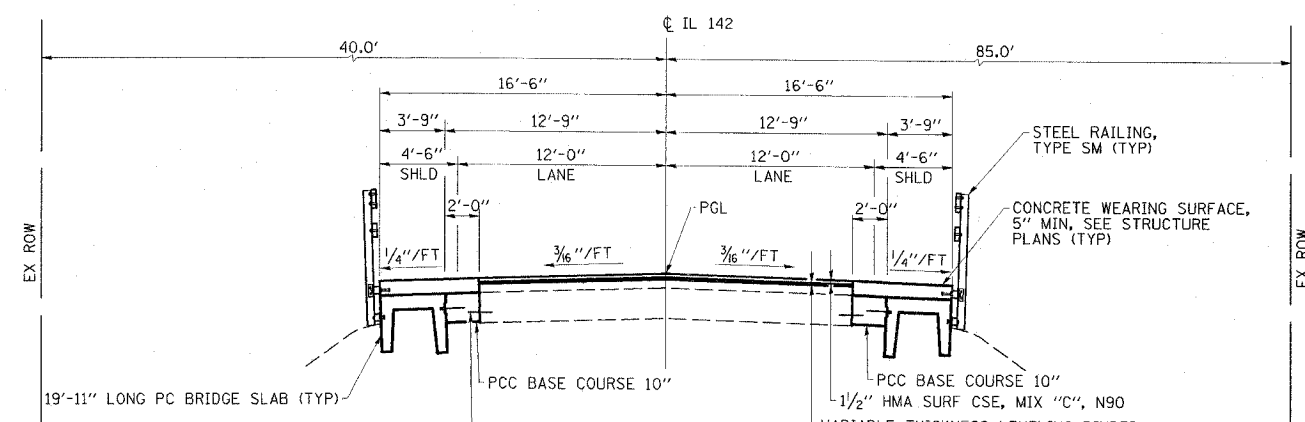
EXISTING TYPICAL ROADWAY SECTION
 WITHOUT GUARDRAIL WITH GUARDRAIL
 STA 82+50.00 TO 84+44.71
 STA 85+65.29 TO 88+50.00



PROPOSED TYPICAL ROADWAY SECTION
 WITHOUT GUARDRAIL WITH GUARDRAIL
 STA 83+35.00 TO 84+44.71
 STA 85+65.29 TO 86+65.00
 **TRANSITION TO 1/4"/FT NEAR BRIDGE APPROACHES



EXISTING BRIDGE APPROACH SECTION
 STA 84+44.71 TO 85+65.29
 BRIDGE OMISSION STA 84+65.75 TO 85+44.25



PROPOSED BRIDGE APPROACH SECTION
 STA 84+44.71 TO 85+65.29
 BRIDGE OMISSION STA 84+65.75 TO 85+44.25

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	09/07
DRAWN BY:	HAS	09/07
CHECKED BY:	MTD	01/08
APPROVED BY:	RDP	01/08

TYPICAL SECTIONS
 FAP RTE 776 (IL 142)
 SECTION 115BR-1
 HAMILTON COUNTY