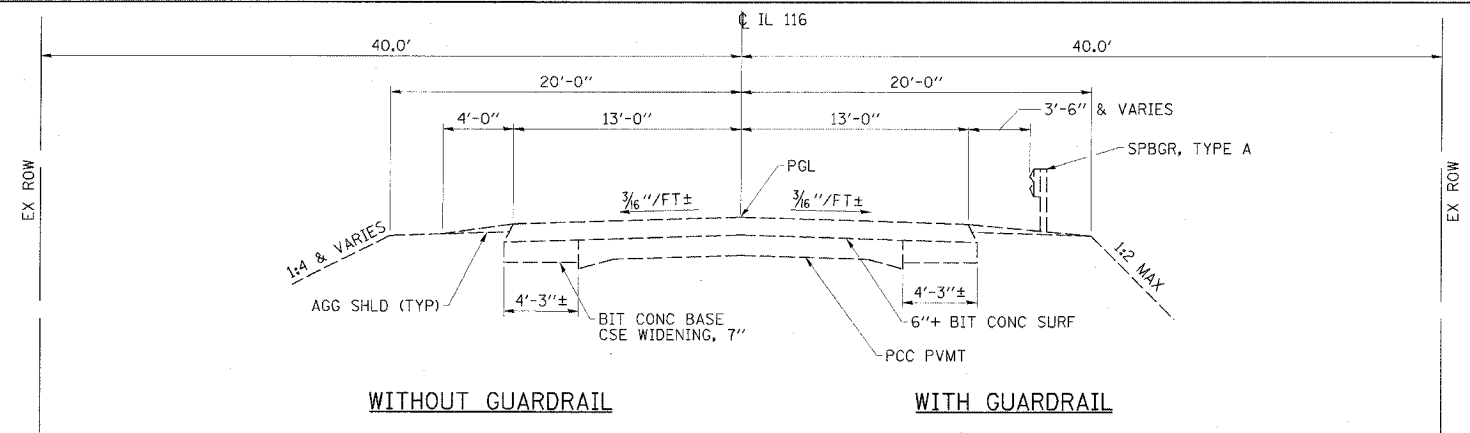
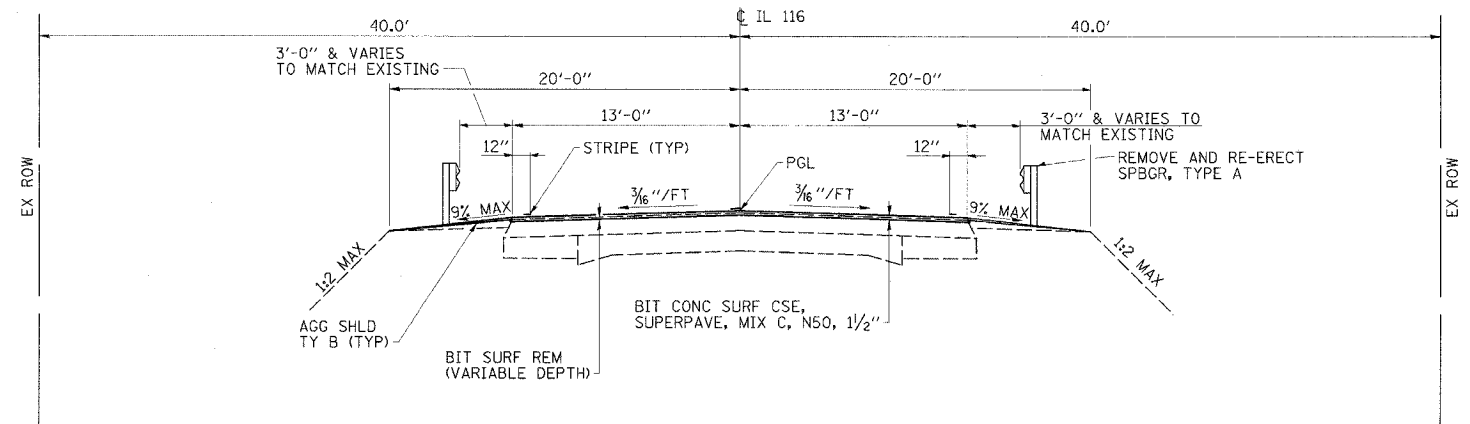


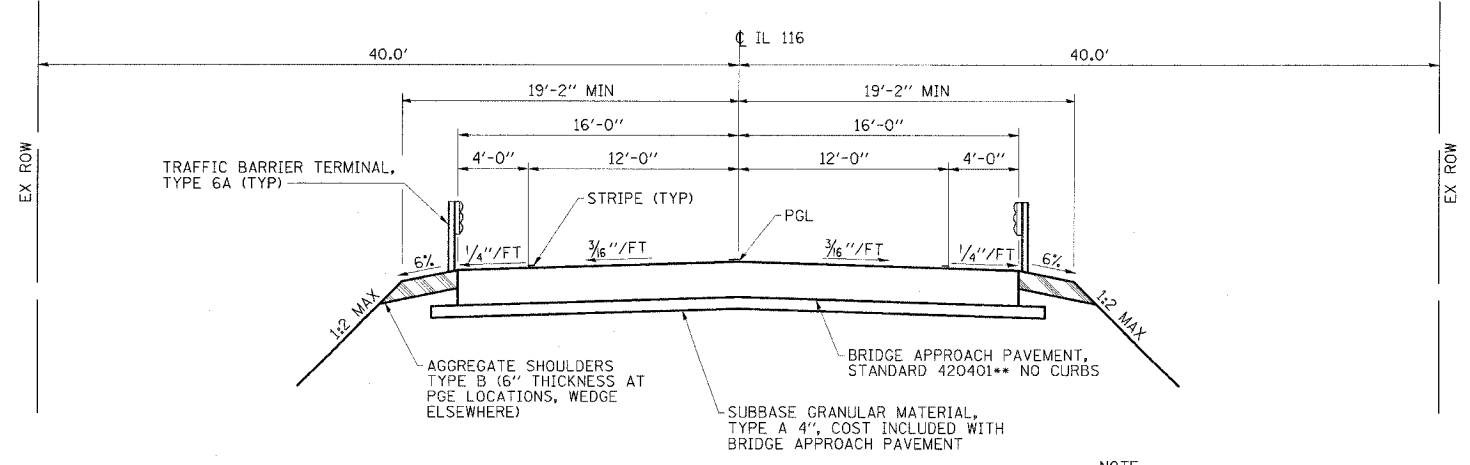
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	116BR-1	FORD	37	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



WITHOUT GUARDRAIL  
WITH GUARDRAIL  
**EXISTING TYPICAL ROADWAY SECTION**  
STA. 54+00 TO 67+00  
BRIDGE OMISSION STA. 60+00 TO 61+06



**PROPOSED TYPICAL ROADWAY SECTION**  
STA. 59+50 TO 59+64.63  
STA. 61+41.37 TO 61+78.5



\*\* WITH BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)  
**AT BRIDGE APPROACH PAVEMENT**  
**PROPOSED TYPICAL ROADWAY SECTION**  
STA 59+64.63 TO 61+41.37  
BRIDGE OMISSION STA 60+00.00 TO 61+06.00

NOTE:  
TRANSITION CROSS SLOPES AS  
REQUIRED TO MATCH MAINLINE  
PAVING CROSS SLOPES

**BITUMINOUS MIXTURES REQUIREMENTS**

	SUPERPAVE BINDER	SUPERPAVE SURFACE
PG GRADE	PG64-22	PG64-22
MAX % RAP ALLOWABLE ***	25%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5
FRICTION AGGREGATE	N.A.	MIXTURE C
PLANT CONTROL LIMITS	CLASS I	CLASS I
DENSITY TEST METHOD	CORES/NUCLEAR	CORES/NUCLEAR

\*\*\* 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:	MTD	7/05
DRAWN BY:	JDK	7/05
CHECKED BY:	MTD	7/05
APPROVED BY:	RDP	8/05

**TYPICAL SECTIONS**  
**FAP ROUTE 681 (IL 116)**  
**SECTION 116BR-1**  
**FORD COUNTY**