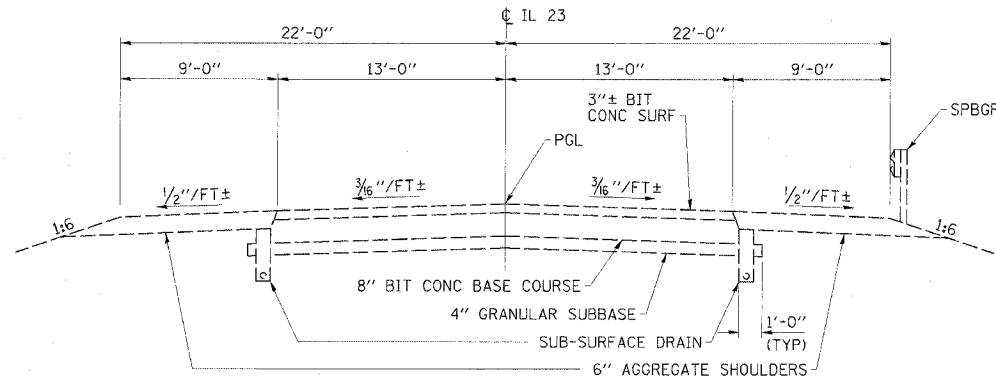


FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	101BR	LIVINGSTON	47	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



WITHOUT GUARDRAIL

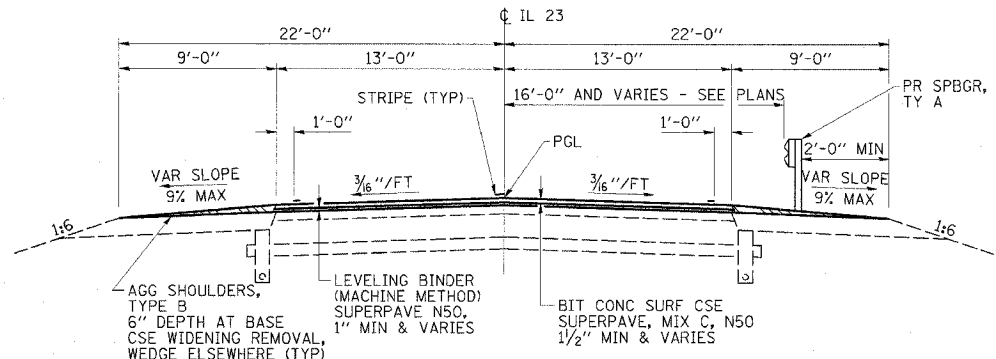
WITH GUARDRAIL

○ APPROACH PAVEMENT
STA 279+33.03 TO 279+82.32
STA 281+27.68 TO 281+76.97

EXISTING TYPICAL ROADWAY SECTION

STA 271+00 TO 289+00*

BRIDGE OMISSION STA 279+82.32 TO 281+27.68



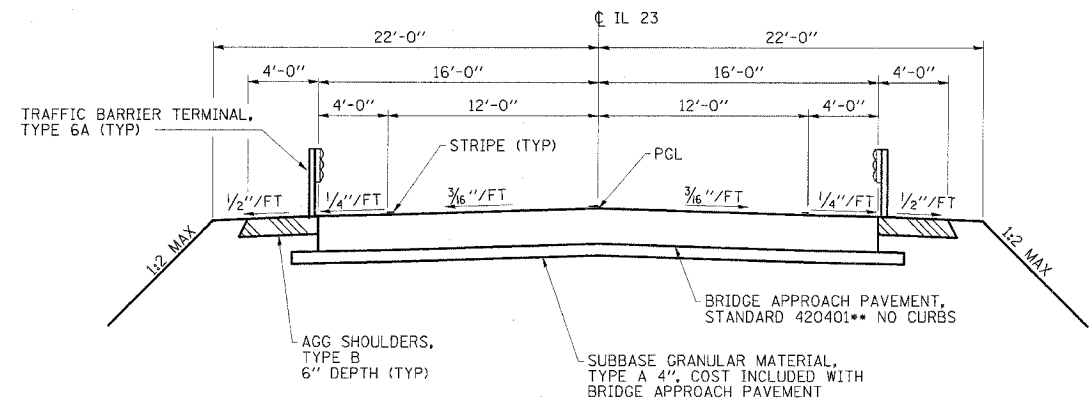
WITHOUT GUARDRAIL

WITH GUARDRAIL

PROPOSED TYPICAL ROADWAY SECTION

STA 277+70 TO 279+47.03

STA 281+27.68 TO 283+40



** WITH BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

AT BRIDGE APPROACH PAVEMENT

PROPOSED TYPICAL ROADWAY SECTION

STA 279+47.03 TO 281+62.97

BRIDGE OMISSION STA 279+82.32 TO 281+27.68

BITUMINOUS MIXTURES REQUIREMENTS

	SUPERPAVE BINDER FOR BASE COURSE	SUPERPAVE LEVELING BINDER	SUPERPAVE SURFACE
PG GRADE	PG64-22	PG64-22	PG64-22
MAX % RAP ALLOWABLE ***	25%	25%	15%
DESIGN AIR Voids	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5
FRICTION AGGREGATE	N.A.	N.A.	MIXTURE C
PLANT CONTROL LIMITS	CLASS I	CLASS I	CLASS I
DENSITY TEST METHOD	CORES/NUCLEAR	SATISFACTION OF THE ENGINEER	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	8/05
DRAWN BY:	HAG	8/05
CHECKED BY:	MTD	8/05
APPROVED BY:	RDP	9/05

TYPICAL SECTIONS
FAP ROUTE 68 (IL 23)
SECTION 101BR
LIVINGSTON COUNTY