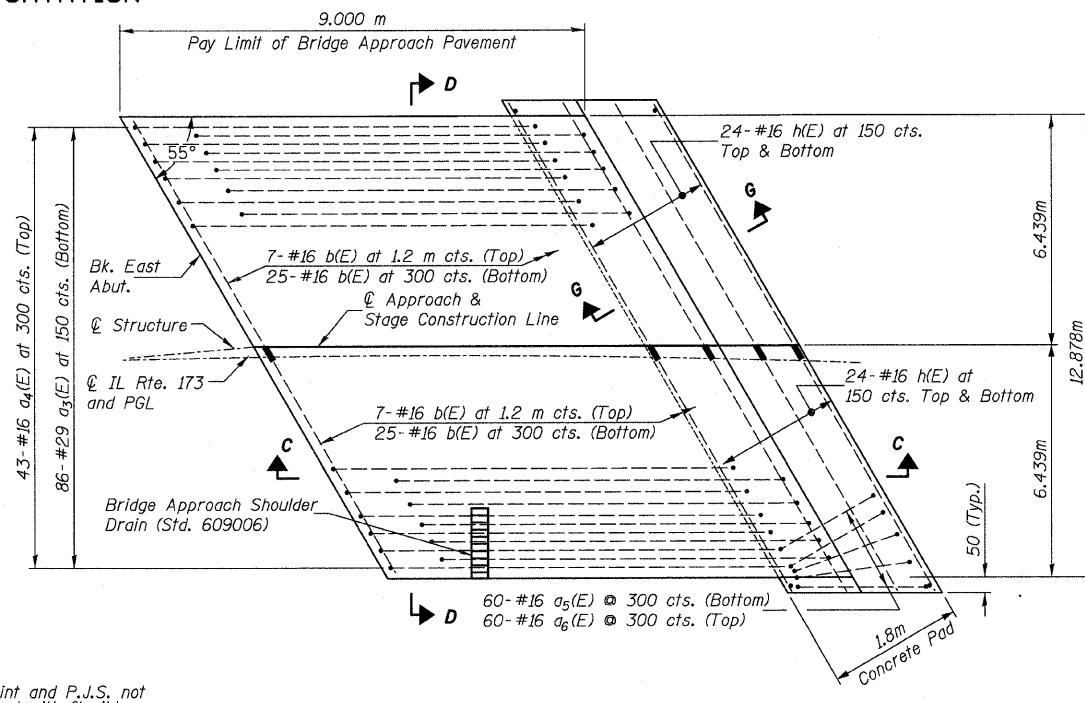
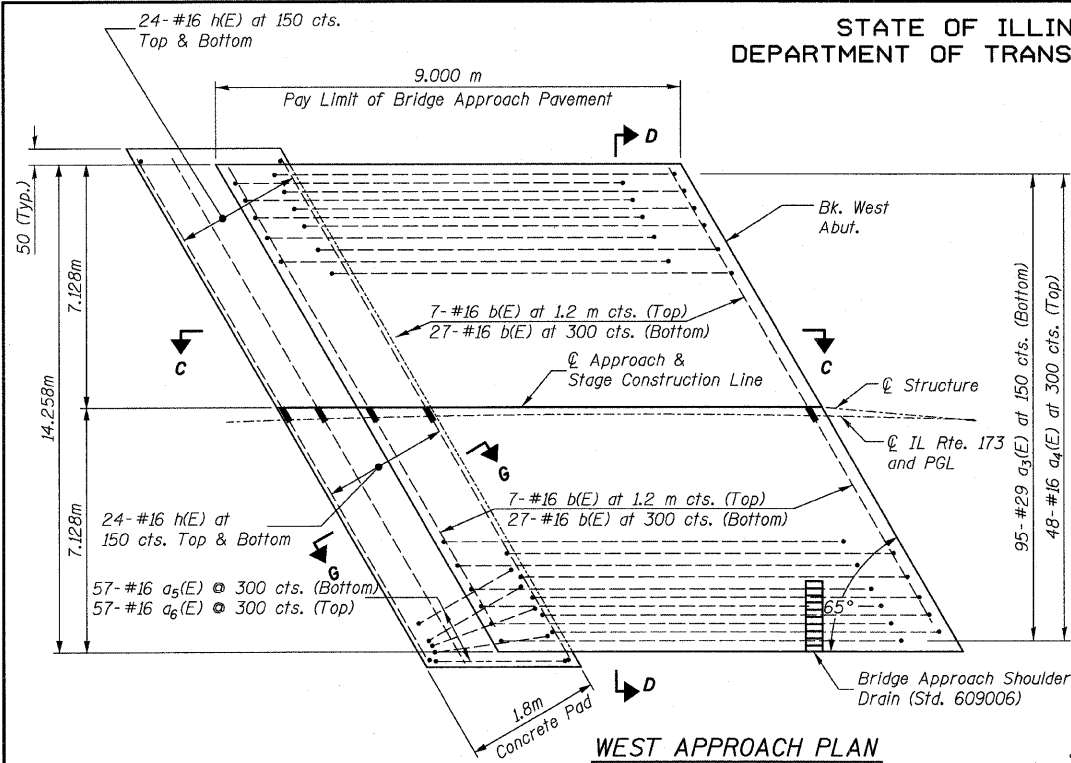


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

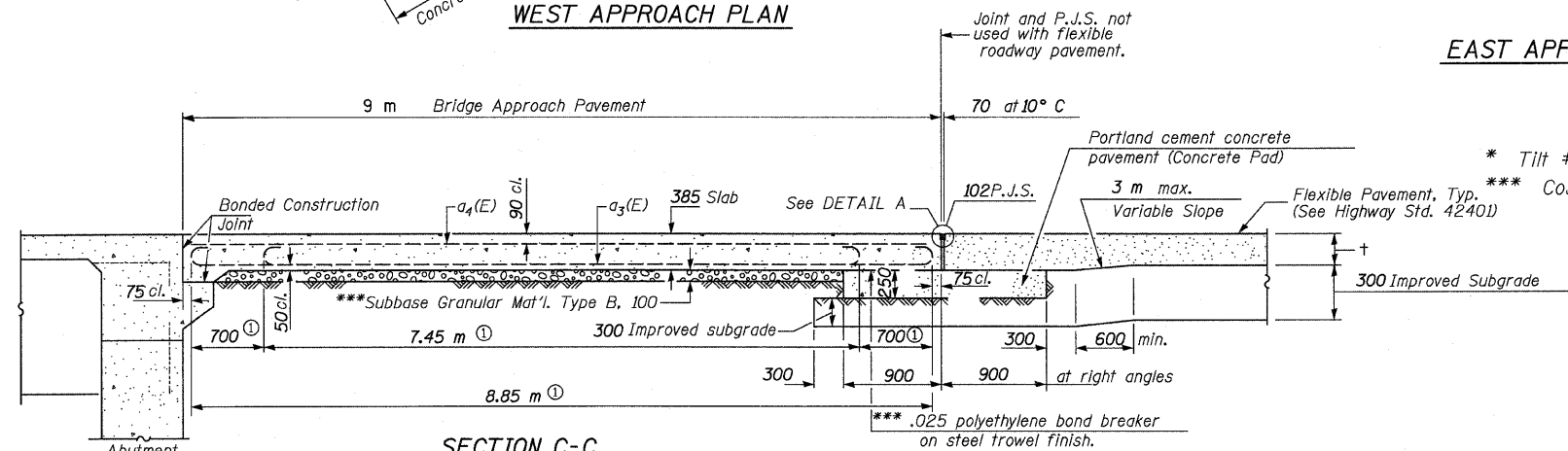
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 11
FAP 303 IL 173	2010-086-F	LAKE	29	22	24 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-	



BRIDGE APPROACH SLAB  
BILL OF MATERIAL

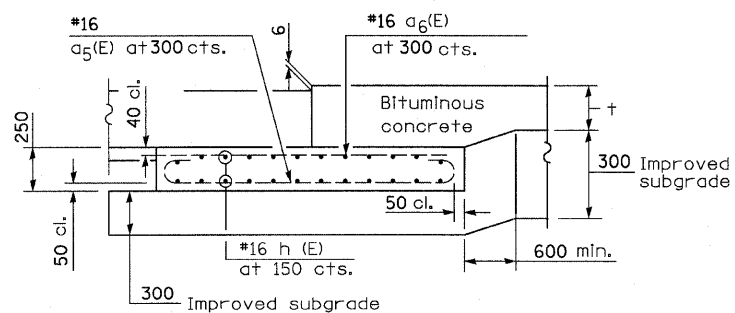
Bar	No.	Size	Length (m)	Shape
a <sub>3</sub> (E)	181	#29	8.912	(U)
a <sub>4</sub> (E)	91	#16	8.85	(—)
a <sub>5</sub> (E)	113	#16	2.512	(U)
a <sub>6</sub> (E)	113	#16	1.70	(—)
b(E)	132	#16	7.81	(—)
h(E)	96	#16	7.87	(—)
Concrete Structures			m <sup>3</sup>	15
Concrete Superstructure			m <sup>3</sup>	95
Reinforcement Bars, Epoxy Coated			kg	12,930
Bar Splicers (#16 bar)			Each	114

The above table contains information and quantities for two Bridge Approach Pavements.  
See Sheet 12 for Bar Diagrams.



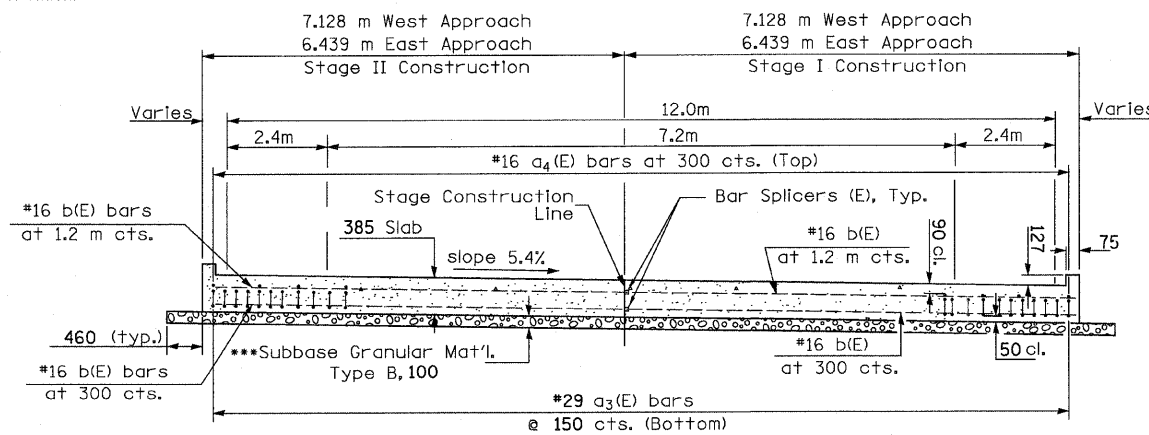
SECTION C-C

Stagger No. 30 a bars as shown on plan - full width



SECTION G-G - FLEXIBLE PAVEMENT

(Showing reinforcement)



SECTION D-D

(See Plan for Dimensions not shown)

\* Tilt #29 Bars as required to maintain clearance.  
\*\*\* Cost included with Concrete Superstructures.

NOTES:

THICKNESS- "t" = Thickness of Pavement.  
All dimensions are in millimeters unless otherwise shown.  
See Sheet 20 for Bar Splicer Details.  
See Sheet 12 for Bar Bending Details.

DESIGN STRESSES

f<sub>y</sub> = 400 MPa  
f'c = 24 MPa  
n = 8.5

BRIDGE APPROACH SLAB - I  
FAP 303 IL. ROUTE 173  
OVER EAST BOAT CHANNEL  
SECTION 2010-086-F  
LAKE COUNTY  
STATION 26+271.906  
STRUCTURE NO. 049-0198

DESIGNED	JRF
CHECKED	RCJ
DRAWN	RDS
CHECKED	JRF

