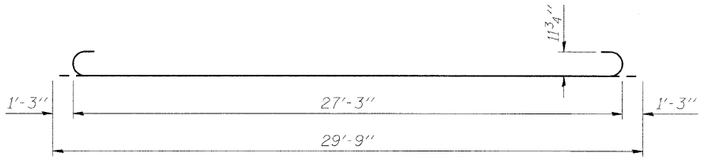
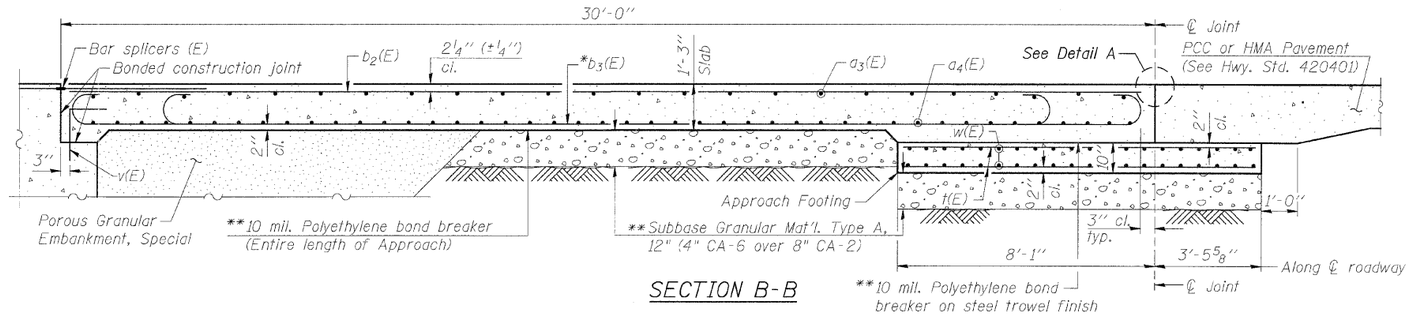


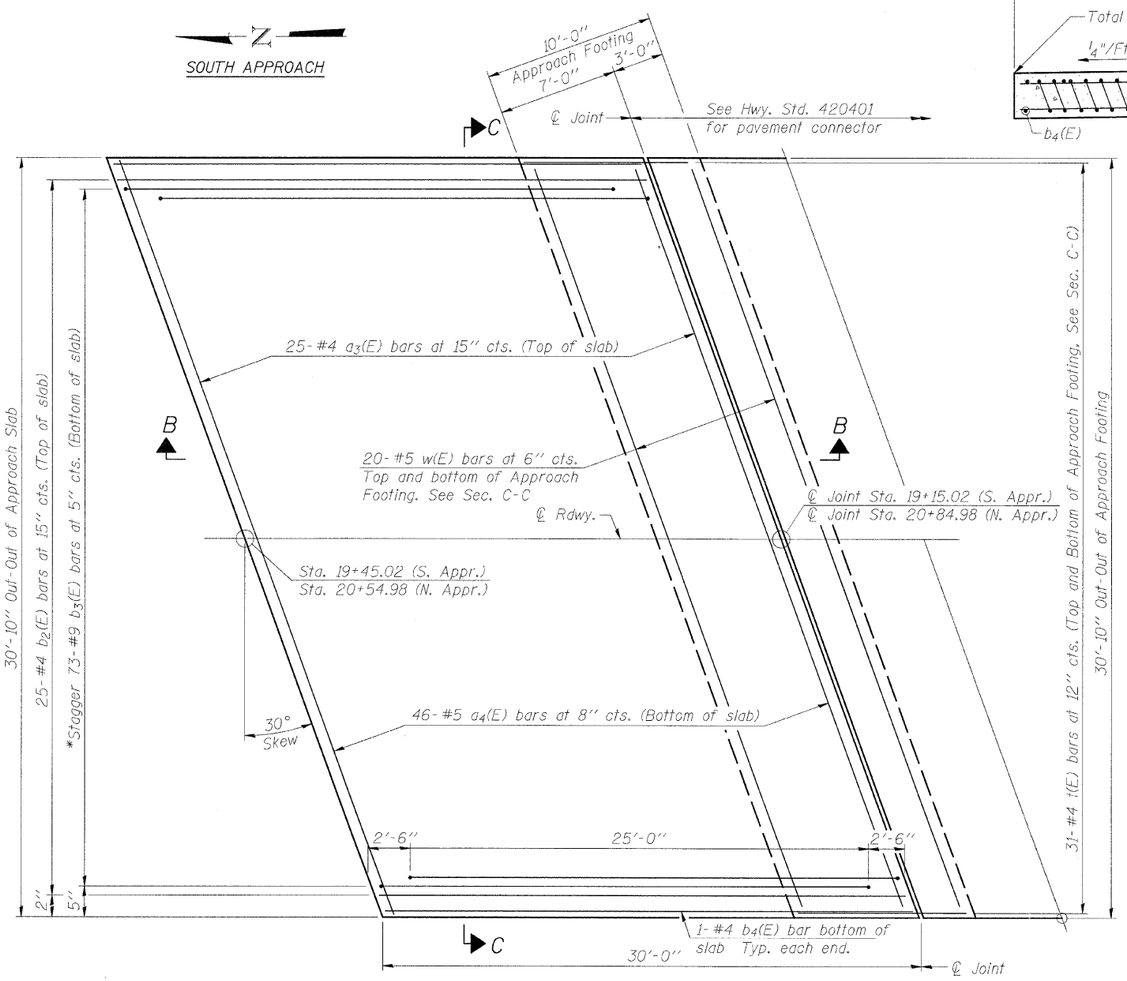
BAR $b_3(E)$



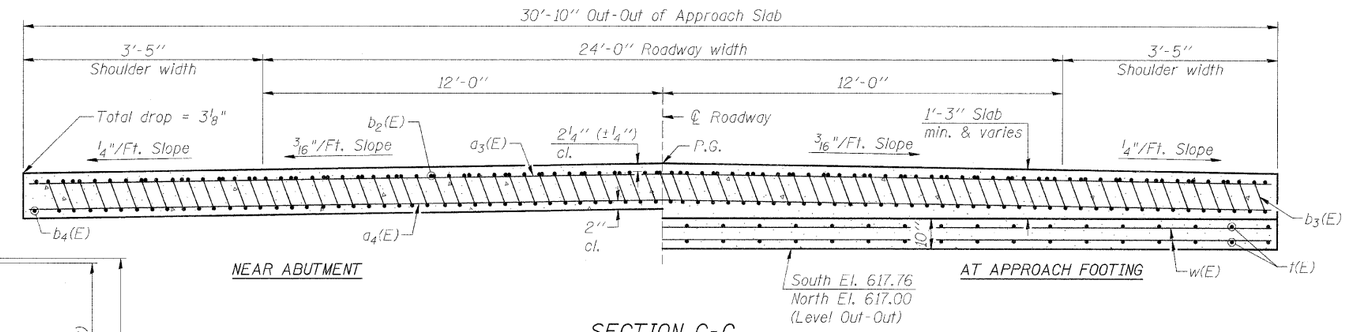
SECTION B-B

NORTH APPROACH

SOUTH APPROACH

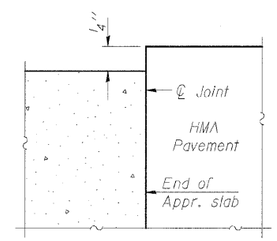


PLAN



SECTION C-C

(See Plan for dimensions not shown.)



FLEXIBLE PAVEMENT

DETAIL A

TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_3(E)$	50	#4	35'-3"	
$a_4(E)$	92	#5	35'-3"	
$b_2(E)$	50	#4	29'-8"	
$b_3(E)$	146	#9	29'-9"	
$b_4(E)$	4	#4	29'-8"	
t(E)	124	#4	11'-2"	
w(E)	80	#5	35'-3"	
Concrete Structures			Cu. Yd.	22
Concrete Superstructure			Cu. Yd.	89.7
Bridge Deck Grooving			Sq. Yd.	192
Protective Coat			Sq. Yd.	206
Reinforcement Bars, Epoxy Coated			Pound	24,270

NOTES:

$a_3(E)$ and $a_4(E)$ bar spacings measured along ℄ Rdwy.

Approach slab shall be paid for as Concrete Superstructure.

Approach footing concrete shall be paid for as Concrete Structures.

Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.

For v(E) bar details, see Structural Sheet 9 of 18.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

For Bar Splicer Assembly Details, see Structual Sheet 17 of 18.

Cost of excavation for approach footing included with Concrete Structures.

For Porous Granular Embankment, Special and drainage treatment details, see Structural Sheet 2 of 18.

*Tilt #9 $b_3(E)$ bars as required to maintain clearance.

**Cost included with Concrete Superstructure.

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T: 815-284-3381 DESIGN FIRM: #184-000918

DESIGNED - B.K.C.	REVISED -		
CHECKED - M.A.C	REVISED -		
DRAWN - F.D.L.	REVISED -		
CHECKED - B.K.C.	REVISED -		

LASALLE COUNTY
C.H. 13 OVER TOMAHAWK CREEK
STATION 20+00

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 050-3604

STRUCTURAL SHEET NO. 11 OF 18 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
260	10-00651-00-BR	LASALLE	51	28
	WHA# 1156D08	CONTRACT NO. 87466		
FED. ROAD DIST.	ILLINOIS	FED. AID PROJECT BRS-0260(105)		

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