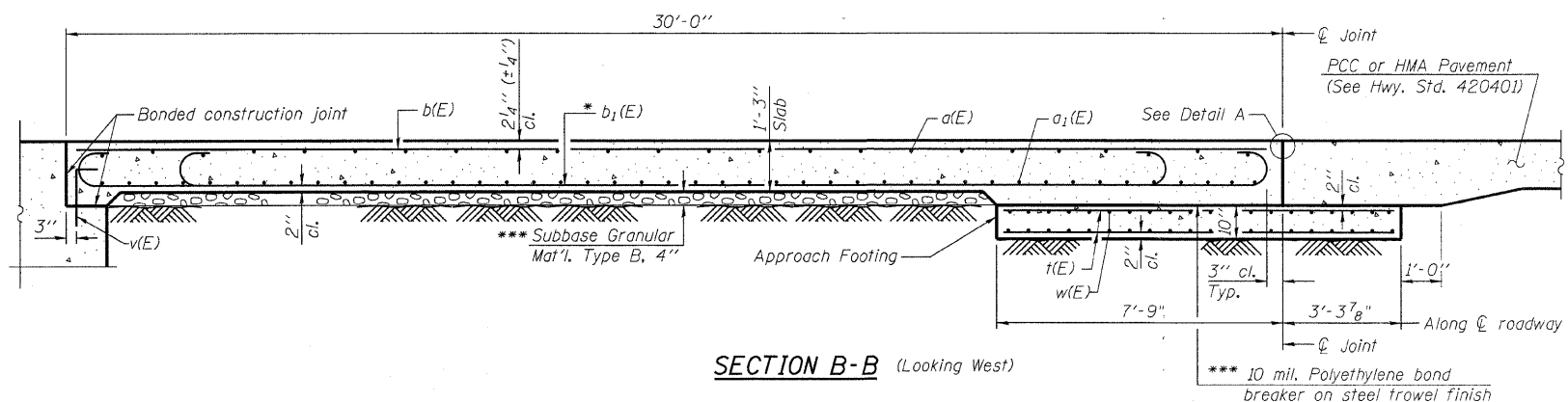


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

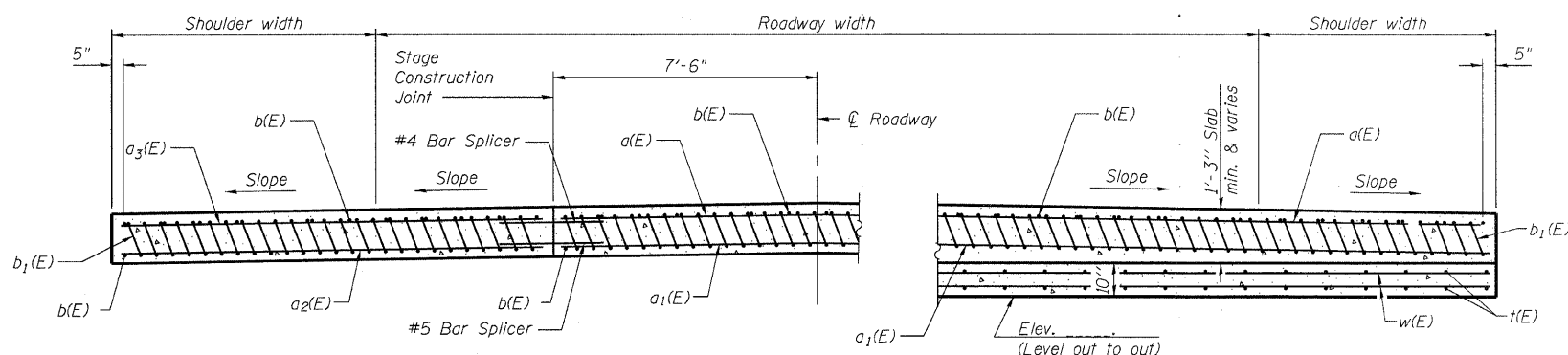
Notes:

See sheet 4 of 6 for Detail A.  
Approach slab and parapet concrete 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.  
The approach footing maximum applied service bearing pressure ( $Q_{max}$ ) = 2.0 ksf.  
For bar splicer details, see sheet 5 of 6.  
Cost of excavation for approach footing included with Concrete Structures.



SECTION B-B (Looking West)

\*\*\* 10 mil. Polyethylene bond breaker on steel trowel finish



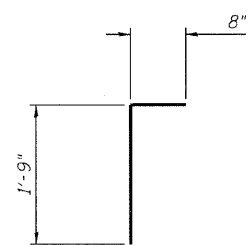
SECTION C-C (Looking South)  
(See Plan for dimensions not shown)

AT APPROACH FOOTING

\* Tilt #9  $b_1(E)$  bars as required to maintain clearance.  
\*\*\* Cost included with Concrete Superstructure.

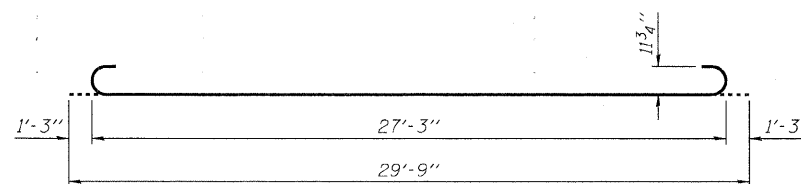
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
$a_1(E)$	25	#4	27'-11"	—	
$a_2(E)$	46	#5	27'-11"	—	
$a_3(E)$	46	#5	15'-9"	—	
$a_3(E)$	25	#4	15'-9"	—	
$b_1(E)$	35	#4	29'-8"	—	
$b_1(E)$	94	#9	29'-9"	⌋	
$t(E)$	82	#4	10'-9"	—	
$v(E)$	41	#4	2'-5"	└	
$w(E)$	40	#5	27'-11"	—	
$w_1(E)$	40	#5	15'-9"	—	
Concrete Superstructure				Cu. Yd.	60
Concrete Structures				Cu. Yd.	13.7
Reinforcement Bars, Epoxy Coated				Pound	15,500



BAR  $v(E)$

#4 $v(E)$  epoxy grouted bars in accordance with Art. 584 of the Standard Specifications. Cost included with Reinforcing Bars



BAR  $b_1(E)$

BRIDGE APPROACH SLAB DETAILS  
I-55 NORTHBOUND OVER  
ILLINOIS & MICHIGAN CANAL  
SEC. 86(VB-I-R, B-R-I, B-I-BR)  
WILL COUNTY  
STATION 989+92.36  
STRUCTURE NO. 099-0289

DESIGNED	TPP
CHECKED	RJL
DRAWN	JS/SCS
CHECKED	TPP

**ABNA**  
9901 S. Western Ave.  
Chicago, IL 60643  
Ph. 773-881-4788  
F. 773.239.3728  
DESIGN FIRM REG. 184.002117

SHEET NO. 5 6 SHEETS	E.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99(1+2) 2S-12	WILL	110	76
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT		
				CONTRACT NO. 60K04	