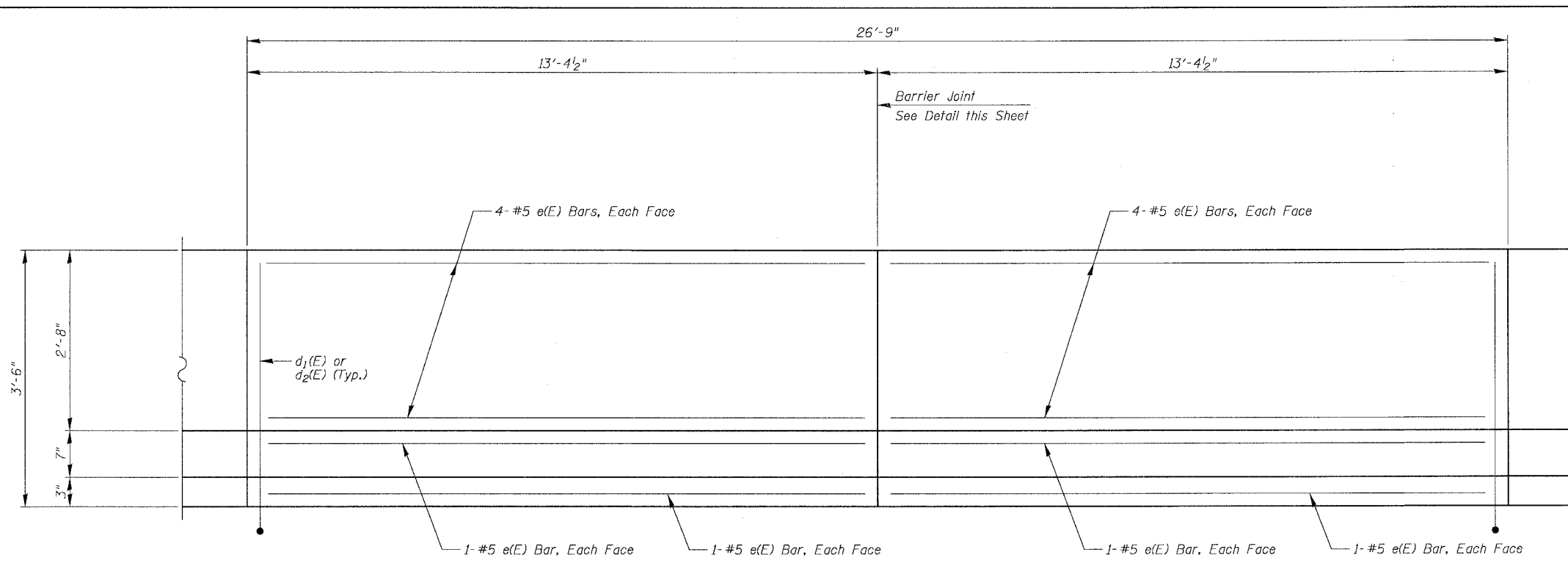


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	556	437
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62300		*181B, ETC, 2324.6-1P1R-8		

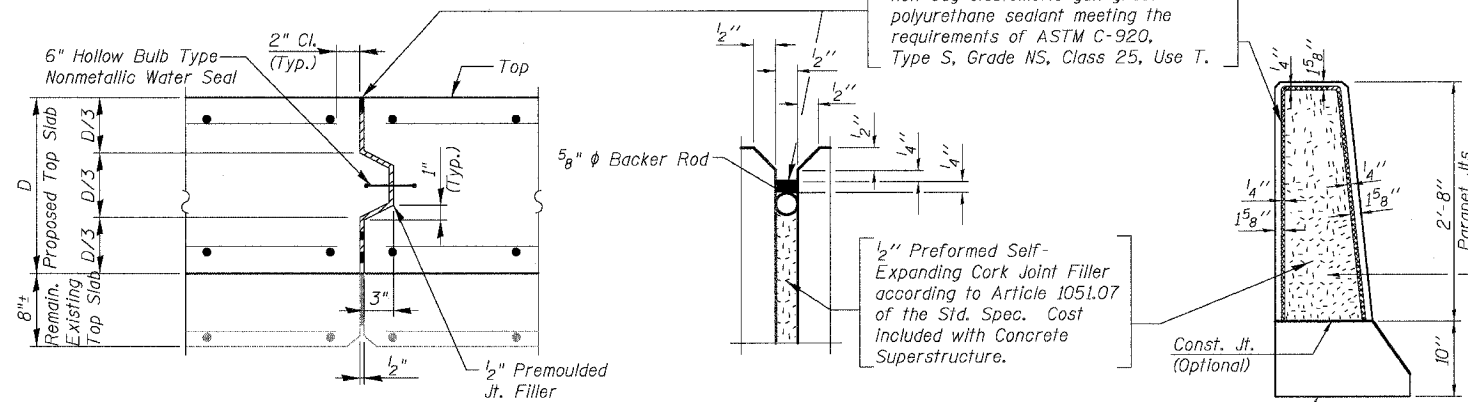
**TOP SLAB  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	27	#5	10'-2"	—
a <sub>1</sub> (E)	27	#5	23'-8"	—
a <sub>2</sub> (E)	27	#5	21'-10"	—
a <sub>3</sub> (E)	29	#5	10'-2"	—
a <sub>4</sub> (E)	29	#5	23'-8"	—
a <sub>5</sub> (E)	29	#5	19'-8"	—
a <sub>6</sub> (E)	27	#6	4'-6"	—
b(E)	79	#7	26'-5"	—
b <sub>1</sub> (E)	79	#7	8'-0"	—
b <sub>2</sub> (E)	157	#7	28'-1"	—
b <sub>3</sub> (E)	79	#7	4'-0"	—
b <sub>4</sub> (E)	5	#5	26'-5"	—
d <sub>1</sub> (E)	27	#6	5'-7"	L
d <sub>2</sub> (E)	27	#5	5'-9"	L
e(E)	24	#5	13'-0"	—
Concrete Superstructure			Cu. Yd.	104.1
Bridge Deck Grooving			Sq. Yd.	812
Protective Coat			Sq. Yd.	235
Reinforcement Bars, Epoxy Coated			Pound	19,260
Bar Splicers			Each	133
CTA Fence			Foot	27

Reinforcement bars designated (E) shall be epoxy coated.  
CTA Fence not shown for clarity. See Roadway Plans for Fence details.  
Cost of water seal, P.J.F. and Sealant included in the cost of Concrete Superstructure.



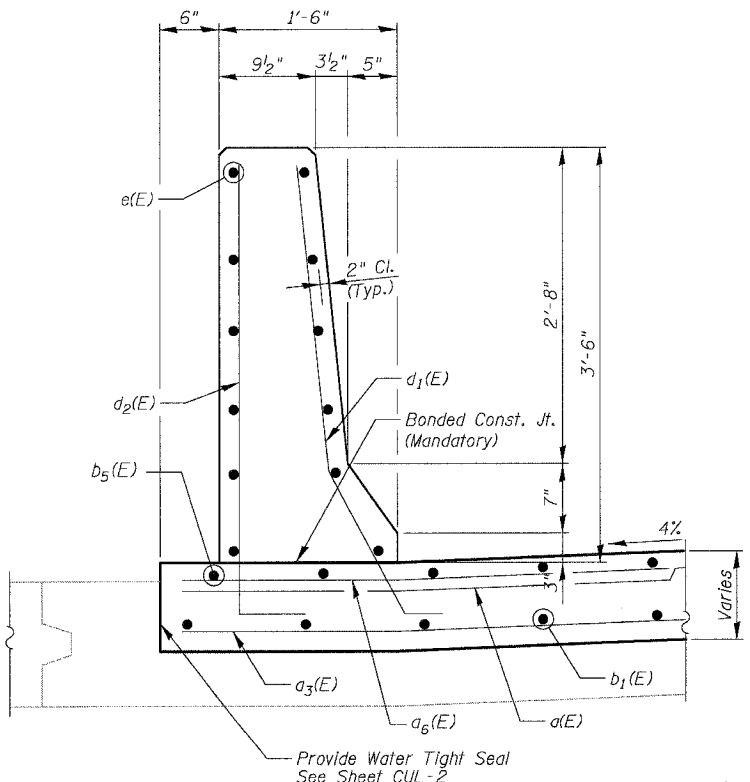
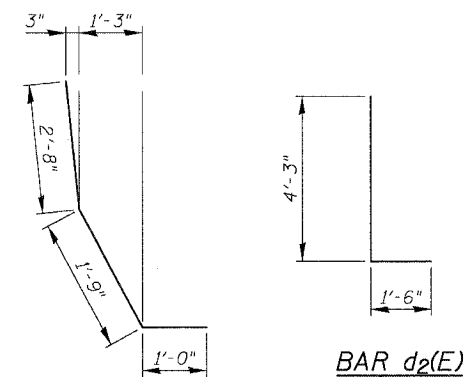
**INSIDE ELEVATION OF SINGLE FACE BARRIER**



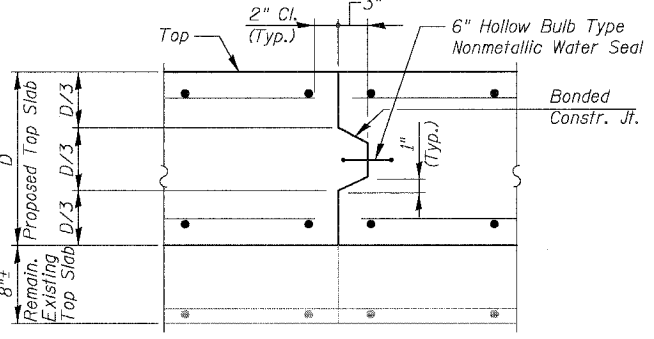
**CULVERT EXPANSION JOINT**

Do not seal until after grooving operations

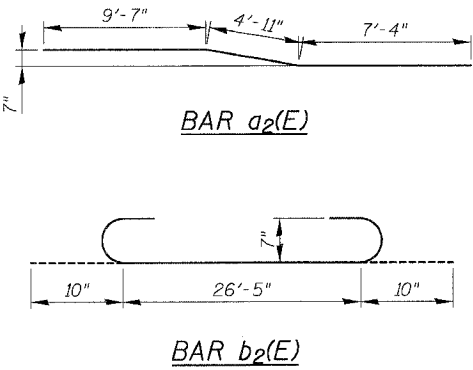
**BARRIER JOINT DETAILS**



**SECTION THRU SINGLE FACE BARRIER**



**CULVERT CONSTRUCTION JOINT**



BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbainc.com

REVISIONS	
NAME	DATE
ADDENDUM 1	8/12/05

SHEET CUL-5 OF CUL-14

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31ST STREET TO 71ST STREET  
NB EXPRESS LANE RECONSTRUCTION  
MWRD CULVERT, N. OF 39TH ST.,  
COOK COUNTY, S.N. 016-2625  
TOP SLAB DETAILS

SCALE: N.T.S. DRAWN BY: MTR  
DATE: 07/07/05 CHECKED BY: BLU

8/17/2005 8:30:21 AM