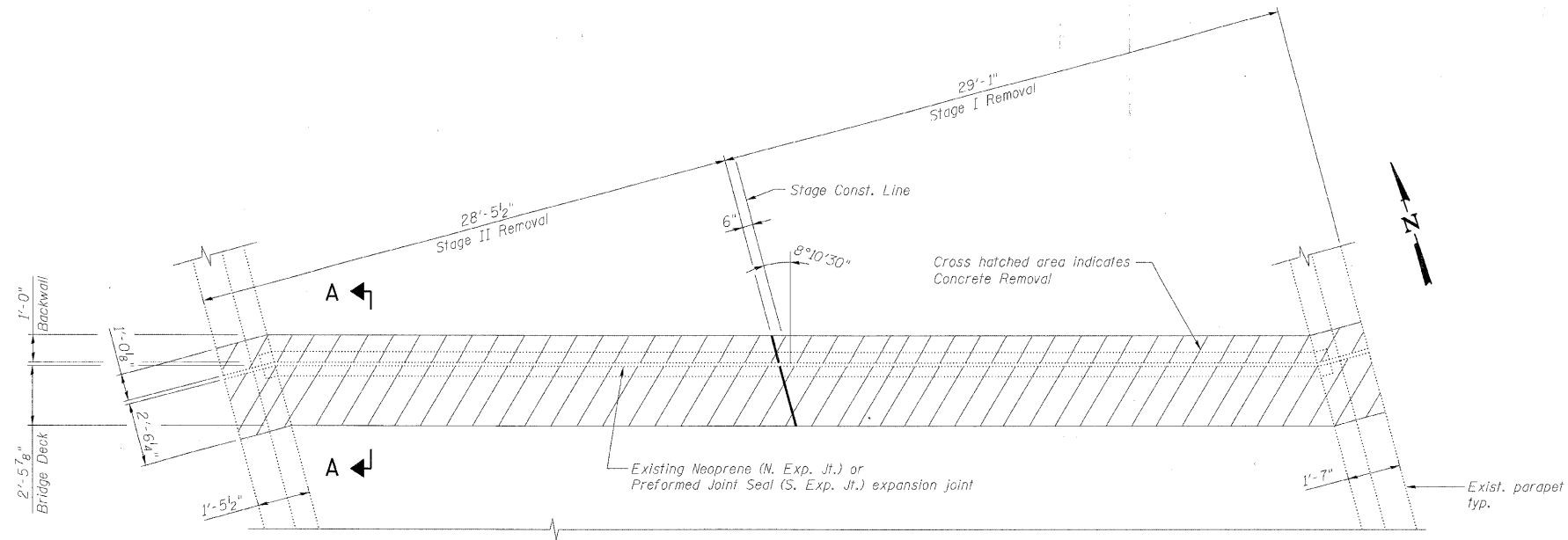
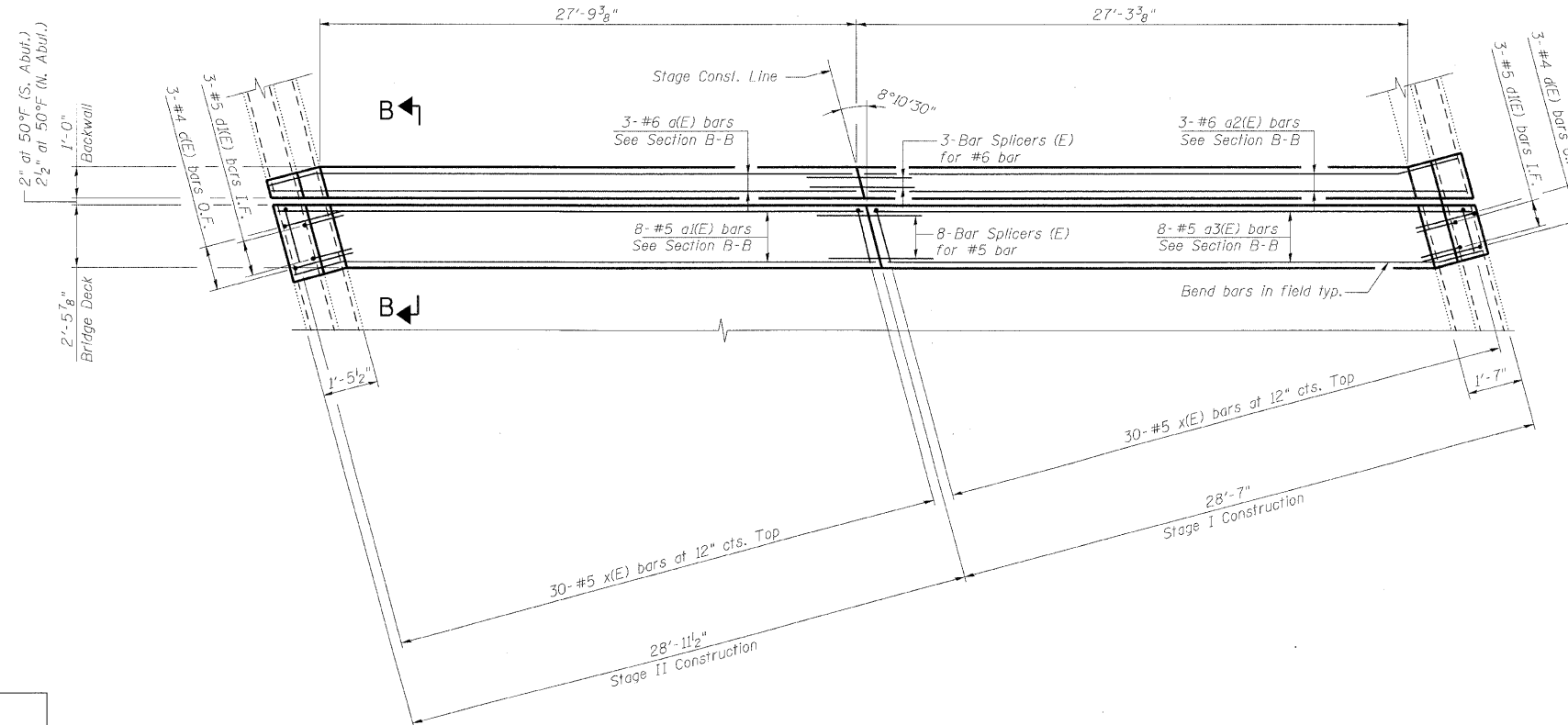


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



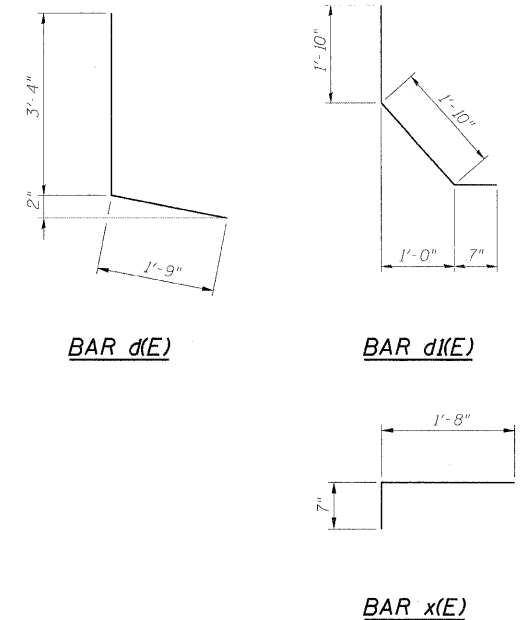
**EXISTING PARTIAL PLAN AT NORTH ABUTMENT**  
(Opposite Hand for South Abutment)



**PROPOSED PARTIAL PLAN AT NORTH ABUTMENT**  
(Opposite Hand for South Abutment)

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	6	#6	28'-11"	—
a1(E)	16	#5	28'-11"	—
a2(E)	6	#6	28'-7"	—
a3(E)	16	#5	28'-7"	—
d(E)	12	#4	5'-1"	┌
d1(E)	12	#5	4'-3"	└
x(E)	120	#5	2'-3"	┌
Item	Unit	Total		
Concrete Removal	Cu. Yd.	19.8		
Concrete Superstructure	Cu. Yd.	21.5		
Reinforcement Bars, Epoxy Coated	Pound	1,860		



**Notes:**

1. I.F. denotes Inside Face.  
O.F. denotes Outside Face.
2. Work this sheet with Expansion Joint Details sheet and Bar Splicer Assembly Details sheet.
3. x(E) bar spacing measured along skew.

DESIGNED	JLS
CHECKED	AAV
DRAWN	VH
CHECKED	AAV

**benesch**

alfred benesch & company  
Engineers - Surveyors - Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10050

SHEET NO. 5 8 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	2009-099 BR	COOK/DUPAGE	309	177
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 60157		

**EXPANSION JOINT REPAIRS  
STRUCTURE NO. 016-1133**