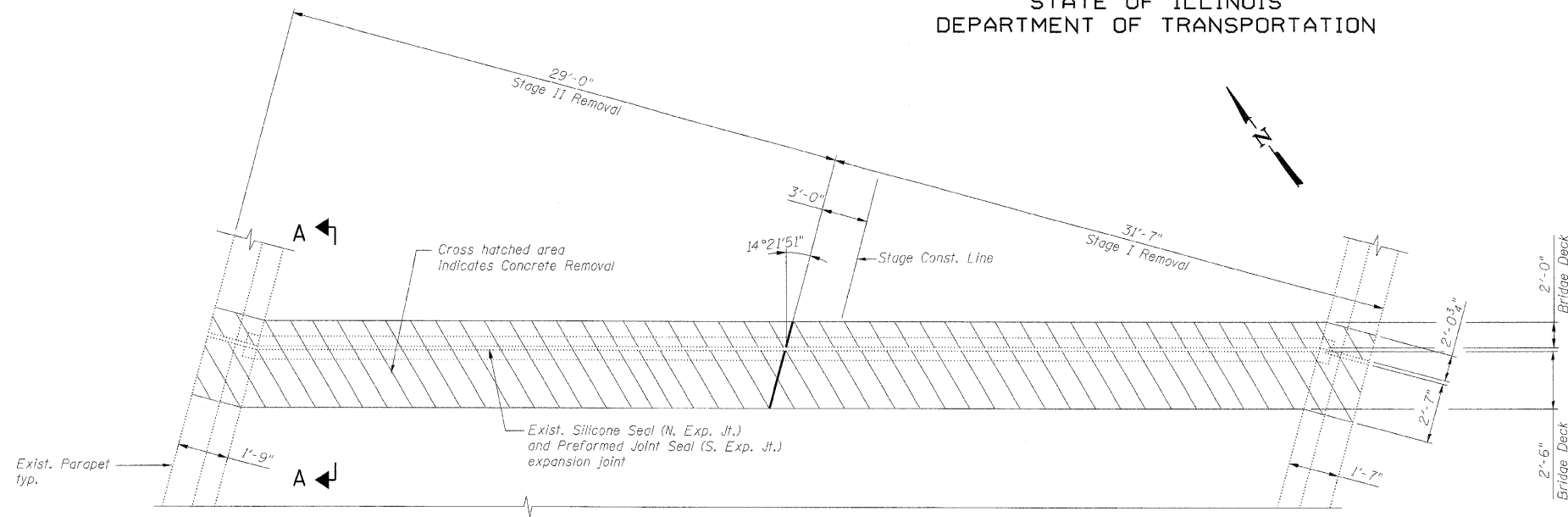
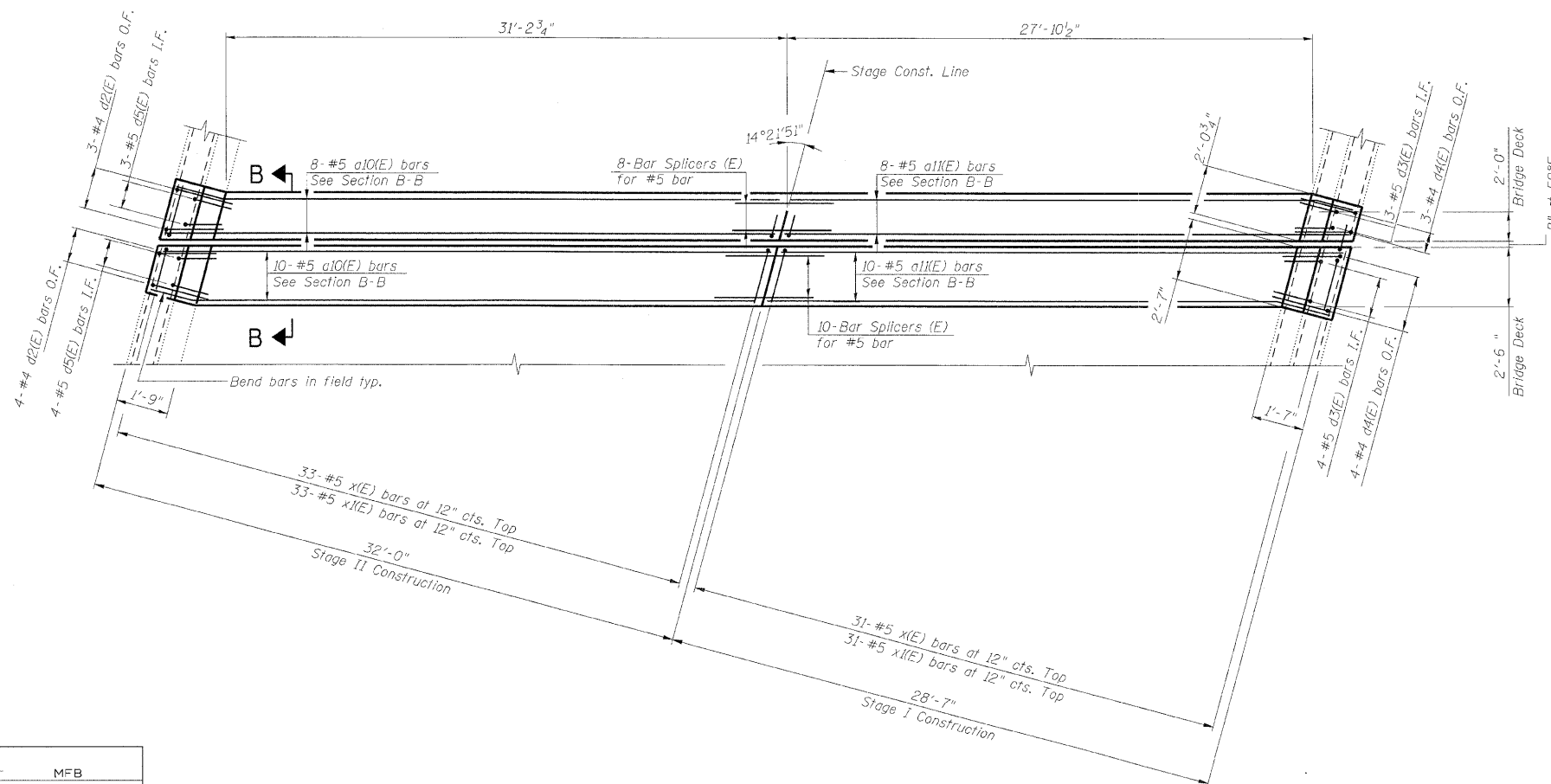


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



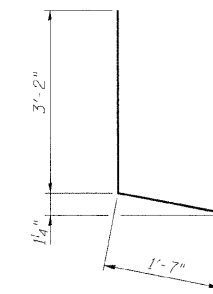
EXISTING PARTIAL PLAN AT NORTH EXPANSION JOINT
(Opposite Hand for South Expansion Joint)



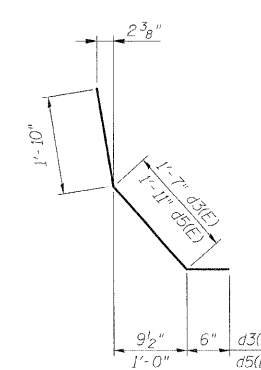
PROPOSED PARTIAL PLAN AT NORTH EXPANSION JOINT
(Opposite Hand for South Expansion Joint)

BILL OF MATERIAL

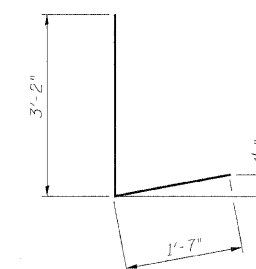
Bar	No.	Size	Length	Shape
a10(E)	36	#5	32'-6"	
a11(E)	36	#5	29'-0"	
d2(E)	14	#4	4'-9"	L
d3(E)	14	#5	3'-11"	L)
d4(E)	14	#4	4'-9"	L)
d5(E)	14	#5	4'-3"	L)
x(E)	128	#5	2'-10"	L)
x1(E)	128	#5	2'-3"	L)
Item	Unit	Total		
Concrete Removal	Cu. Yd.	28.0		
Concrete Superstructure	Cu. Yd.	28.0		
Reinforcement Bars, Epoxy Coated	Pound	3,200		



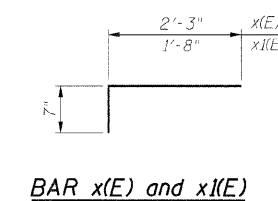
BAR d2(E)



BAR d3(E) and d5(E)



BAR d4(E)



BAR x(E) and x1(E)

Notes:

1. Bars indicated thus 8x2-#5 etc. indicates 8 lines of bars with 2 lengths per line.
2. I.F. denotes Inside Face.
O.F. denotes Outside Face.
3. Work this sheet with Expansion Joint Details sheet and Bar Splicer Assembly Details sheet.
4. x(E) and x1(E) bar spacing measured along skew.

**EXPANSION JOINT REPAIRS
STRUCTURE NO. 022-0111**

DESIGNED -	MFB
CHECKED -	KWS
DRAWN -	VH
CHECKED -	KWS

benesch
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205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

SHEET NO. 10 28 SHEETS	F.A.I. RTE. 290-355	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 455
	CONTRACT NO. 60G51			ILLINOIS FED. AID PROJECT	