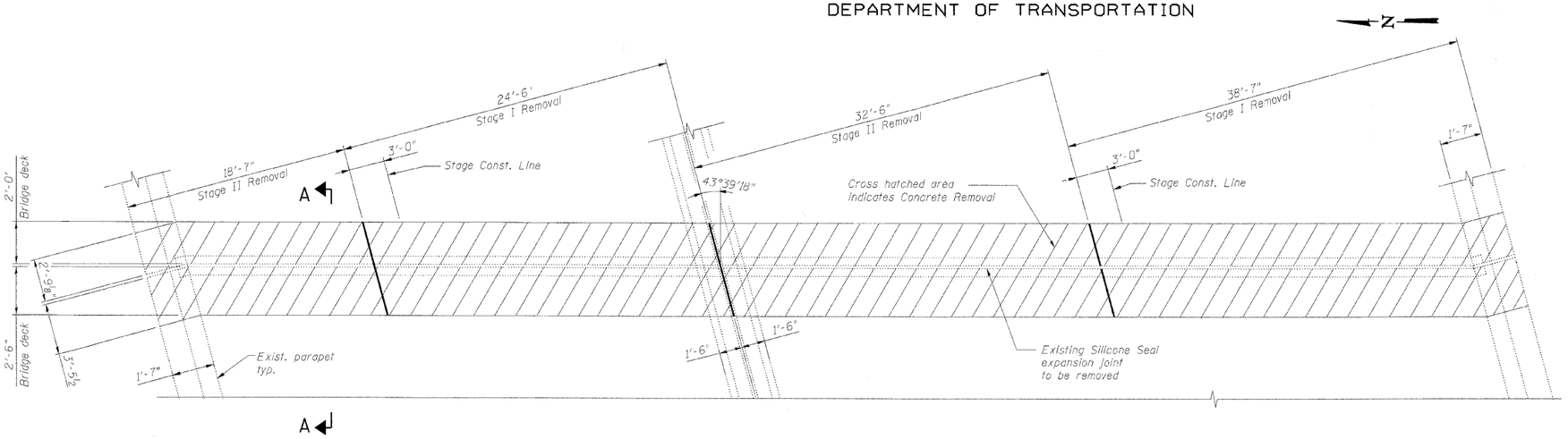
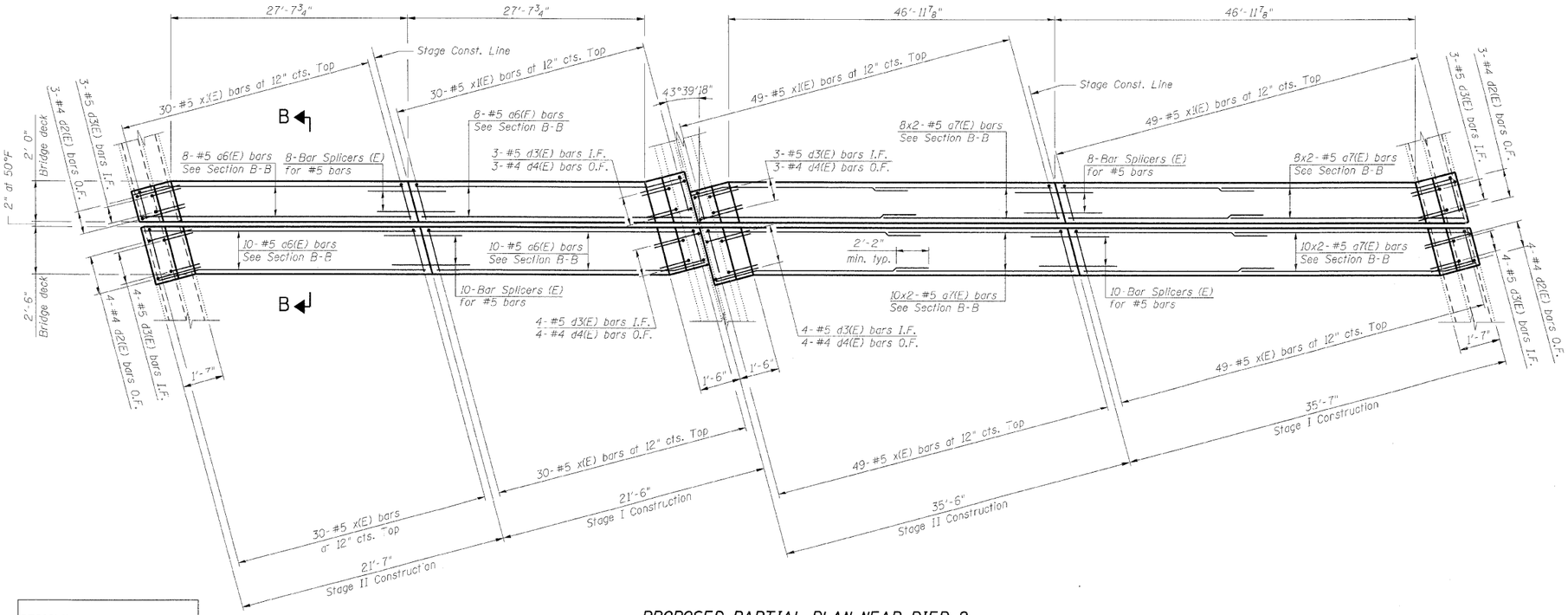
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EXISTING PARTIAL PLAN NEAR PIER 2

(Opposite Hand for Expansion Joint Near Pier 1)



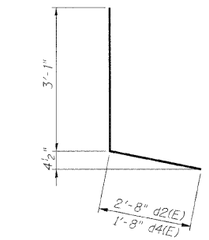
PROPOSED PARTIAL PLAN NEAR PIER 2

(Opposite Hand for Expansion Joint Near Pier 1)

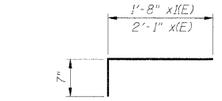
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a6(E)	72	#5	28'-9"	
a7(E)	144	#5	25'-6"	
d2(E)	28	#4	5'-9"	
d3(E)	56	#5	3'-9"	
d4(E)	28	#4	4'-9"	
x(E)	316	#5	2'-8"	
x1(E)	316	#5	2'-3"	

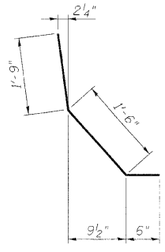
Item	Unit	Total
Concrete Removal	Cu. Yd.	72.9
Concrete Superstructure	Cu. Yd.	72.9
Reinforcement Bars, Epoxy Coated	Pound	5,870



BARS d2(E) and d4(E)



BARS x(E) and x1(E)



BAR d3(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) bar spacing measured along skew.

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

benesch

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

EXPANSION JOINT REPAIRS
STRUCTURE NO. 022-0138

SHEET NO. 12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
38 SHEETS	290/355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	387
			CONTRACT NO. 60G51		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

x:\10000s\10050\engineering_documents_contract_I\SN_022_0138_0137_Rohlwing_Rd\0138-60G51-012-ExpJt-repair.dgn
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