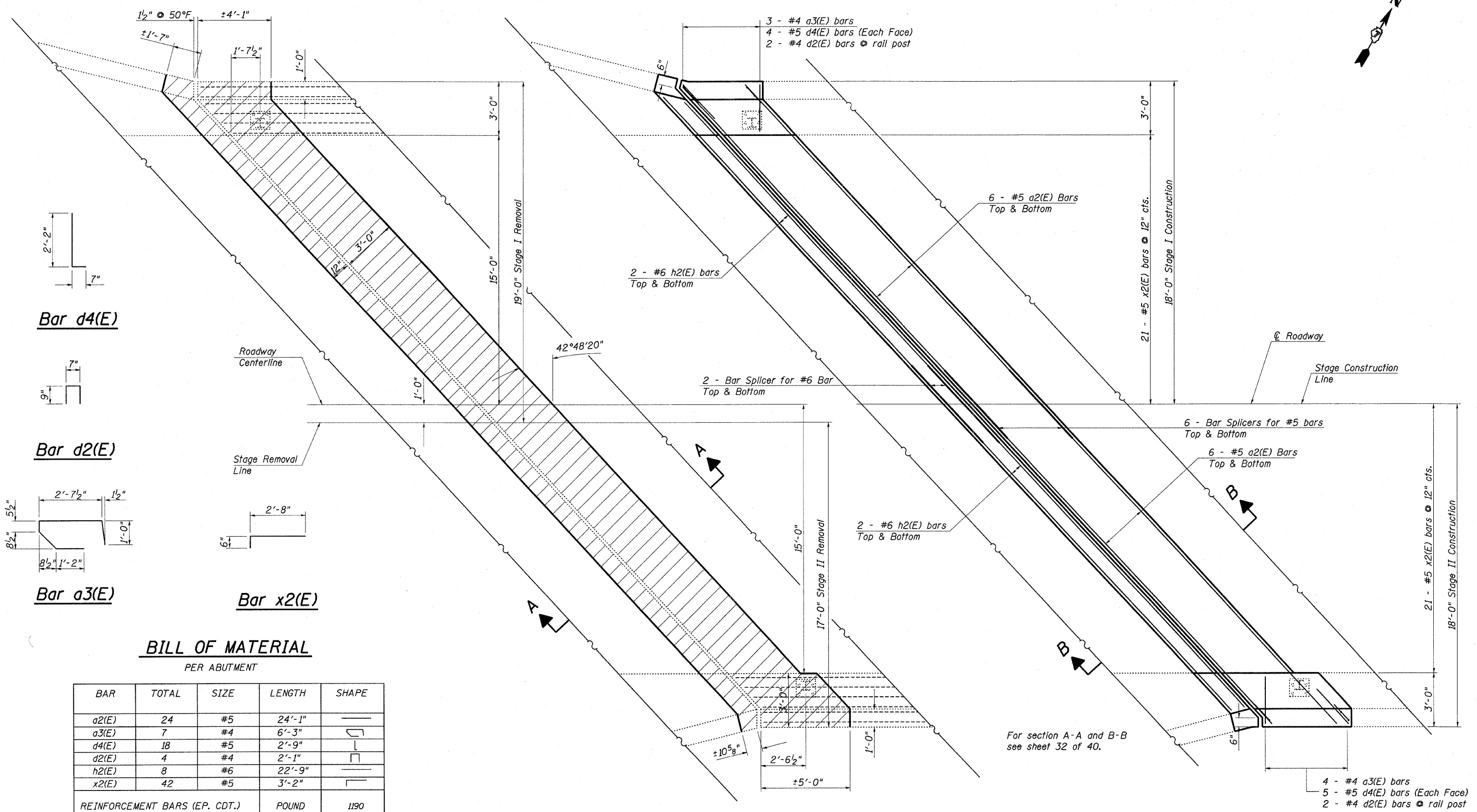
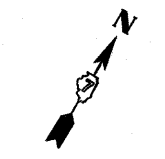


Hatched area indicates removal.



**Bar d4(E)**

**Bar d2(E)**

**Bar a3(E)**

**Bar x2(E)**

**BILL OF MATERIAL**  
PER ABUTMENT

BAR	TOTAL	SIZE	LENGTH	SHAPE
a2(E)	24	#5	24'-1"	—
a3(E)	7	#4	6'-3"	┌
d4(E)	18	#5	2'-9"	┌
d2(E)	4	#4	2'-1"	┌
h2(E)	8	#6	22'-9"	—
x2(E)	42	#5	3'-2"	┌
REINFORCEMENT BARS (EP. CDT.)			POUND	1190
CONCRETE REMOVAL			CU YD	9.8
CONCRETE SUPERSTRUCTURE			CU YD	9.8
BAR SPLICERS			EACH	16

**EXISTING PARTIAL PLAN**

(West Abutment shown; East Abutment similar by rotation)

**PROPOSED PARTIAL PLAN**

(West Abutment shown; East Abutment similar by rotation)

For section A-A and B-B see sheet 32 of 40.

FILE NAME = c:\pwwork\pwwork\swartzrw\d02207669\d077482-sht-brd-detailed-08000005.dgn  
 USER NAME = swartzrw  
 DESIGNED KLB  
 DRAWN KLB  
 CHECKED MEA  
 DATE 12/6/2010  
 PLOT SCALE = 20.0000' / IN.  
 PLOT DATE = 1/27/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT REPLACEMENT DETAILS**  
**SN. 080-0005**

SCALE: NA SHEET NO. 3 OF 13 SHEETS STA. TO STA.

#15-2VB-1,5-2HB,5-2VB-21BR-2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	*	Richland	53	39
CONTRACT NO. 74482			ILLINOIS FED. AID PROJECT	