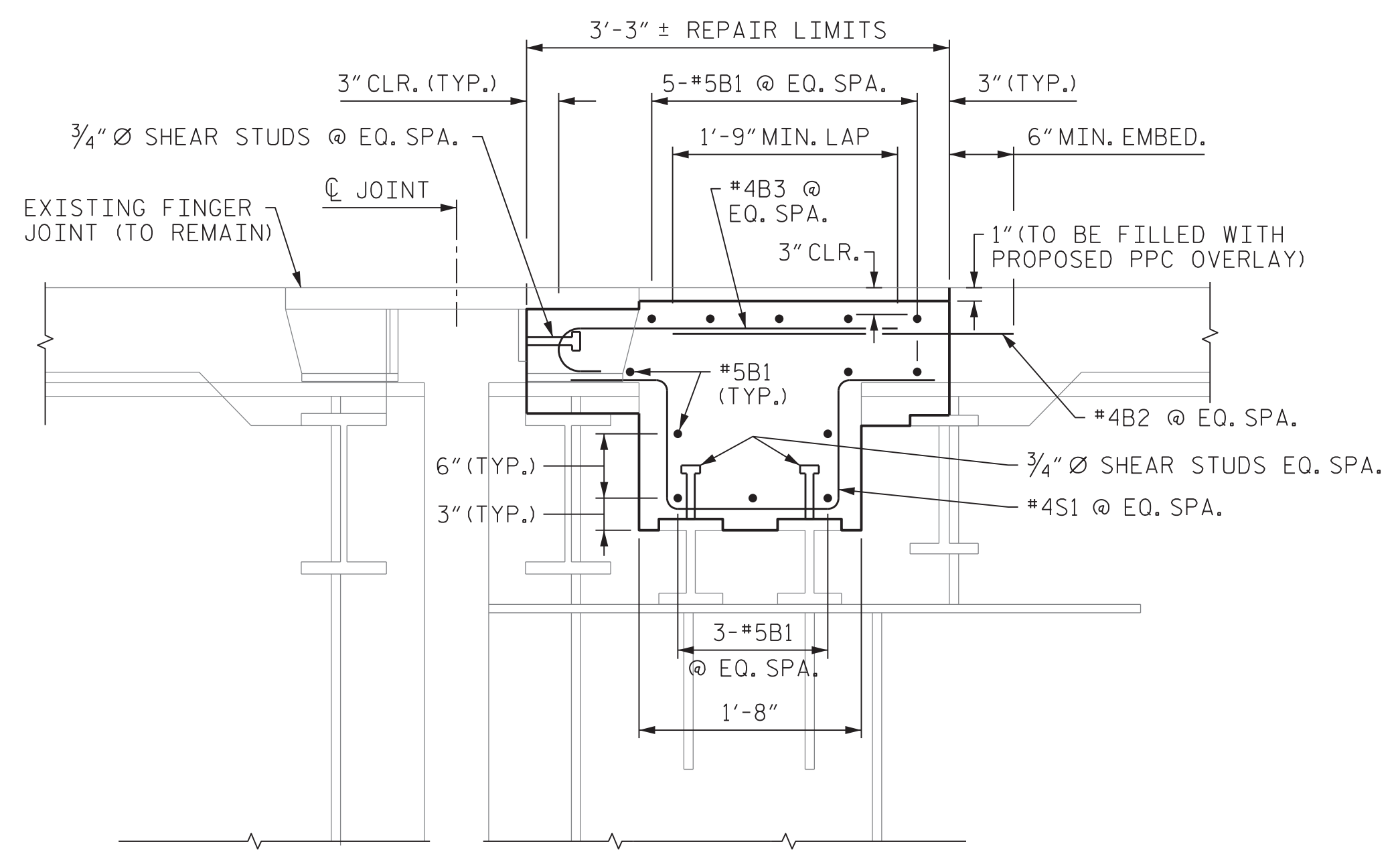
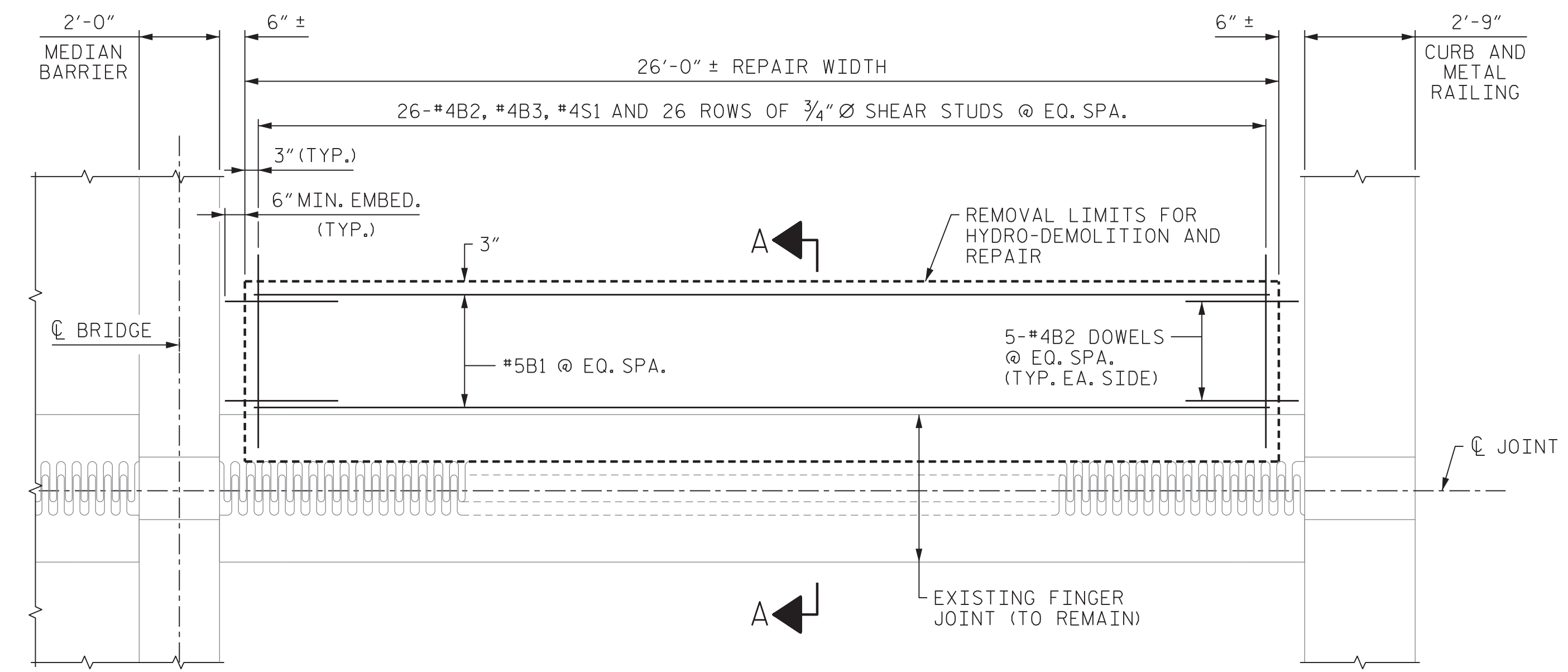


SECTION A-A
EXISTING REPAIR

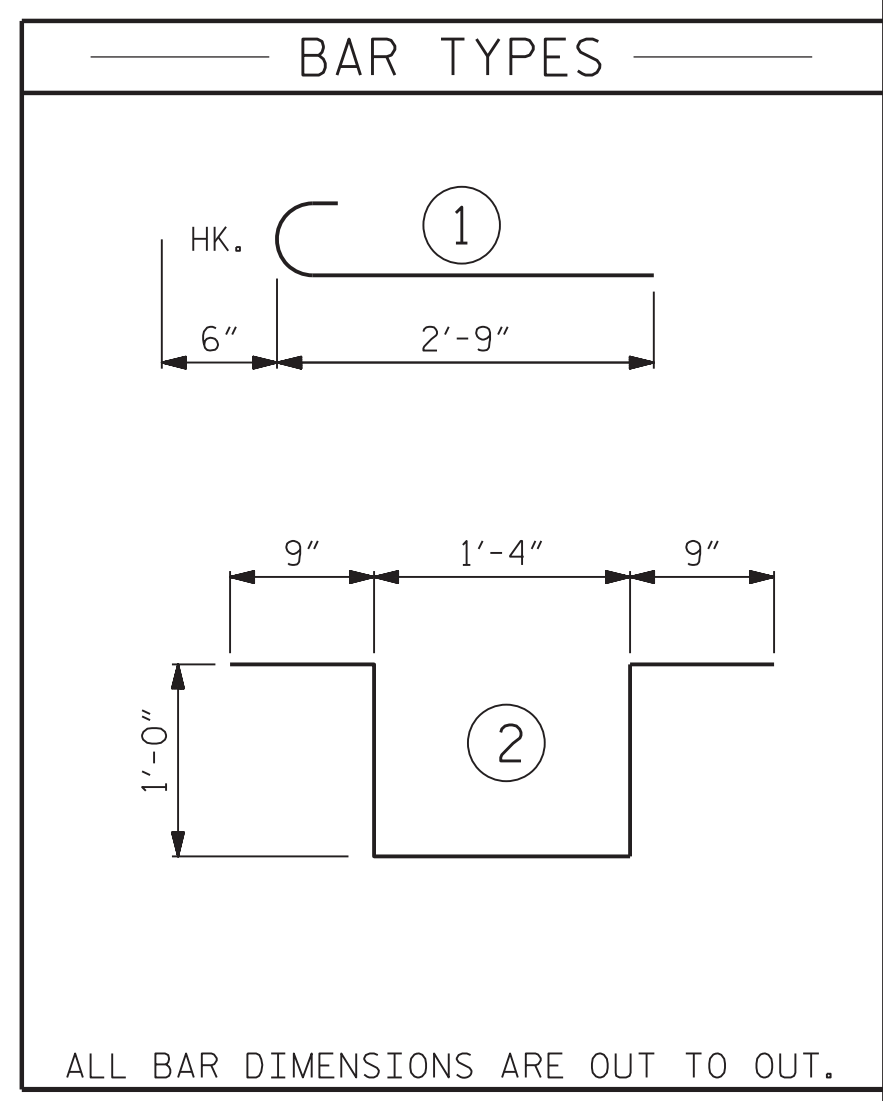


SECTION A-A
PROPOSED REPAIR



PLAN OF TRAFFIC BARRIER REPAIR LOCATION

BILL OF MATERIAL					
WEST APPROACH					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	13	#5	STR	25'-6"	346
B2	36	#4	STR	2'-9"	66
B3	26	#4	1	3'-3"	56
S1	26	#4	2	4'-10"	84
EPOXY-COATED REINFORCING STEEL					552 LBS.
CLASS AA CONCRETE					4 C.Y.
78-3/4" Ø x 5" SHEAR STUDS					50 LBS.



NOTES:

FOR CLASS III SURFACE PREPARATION, SEE SPECIAL PROVISIONS.

SHIFT BARS AND STUDS AS REQUIRED TO PROVIDE 2" CLEAR TO EXISTING FINGER PLATE SUPPORTS.

#4B2 DOWELS SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM. LEVEL 1 FIELD TESTING IS REQUIRED AND THE YIELD LOAD OF THE DOWEL IS 12 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.

THE EXISTING REINFORCEMENT IN THIS AREA IS UNKNOWN. THE ENGINEER MAY ADJUST THE PROPOSED REINFORCEMENT AS NECESSARY TO ACCOMMODATE THE EXISTING REINFORCEMENT.

PROJECT NO. 15BPR.15
 NEW HANOVER COUNTY
 STATION: _____

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**DECK REPAIR
 ABANDONED TRAFFIC
 BARRIER
 (WEST APPROACH)**

MODJESKI and MASTERS
 Experience great bridges.

333 FAYETTEVILLE STREET, SUITE 505
 RALEIGH, NC 27601
 NC LICENSE NO. C-2979

DocuSigned by:
Jason R. Doughty
 5F73FA2DEA974E8..

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS: 66

DESIGNED BY:	J. BORUTA	DATE:	DEC 2017
DRAWN BY:	K. WHITE	DATE:	DEC 2017
CHECKED BY:	B. LOFLIN	DATE:	DEC 2017
DESIGN ENGINEER OF RECORD:	J. DOUGHTY	DATE:	DEC 2017

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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