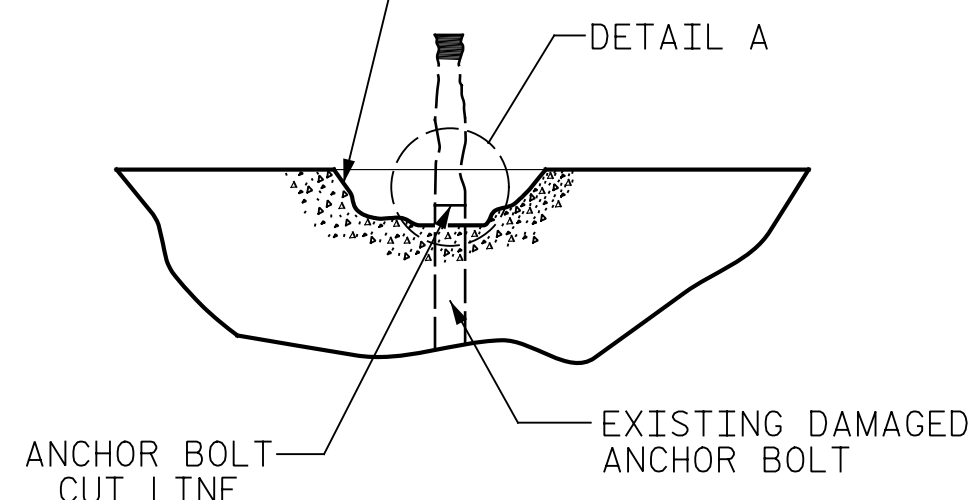
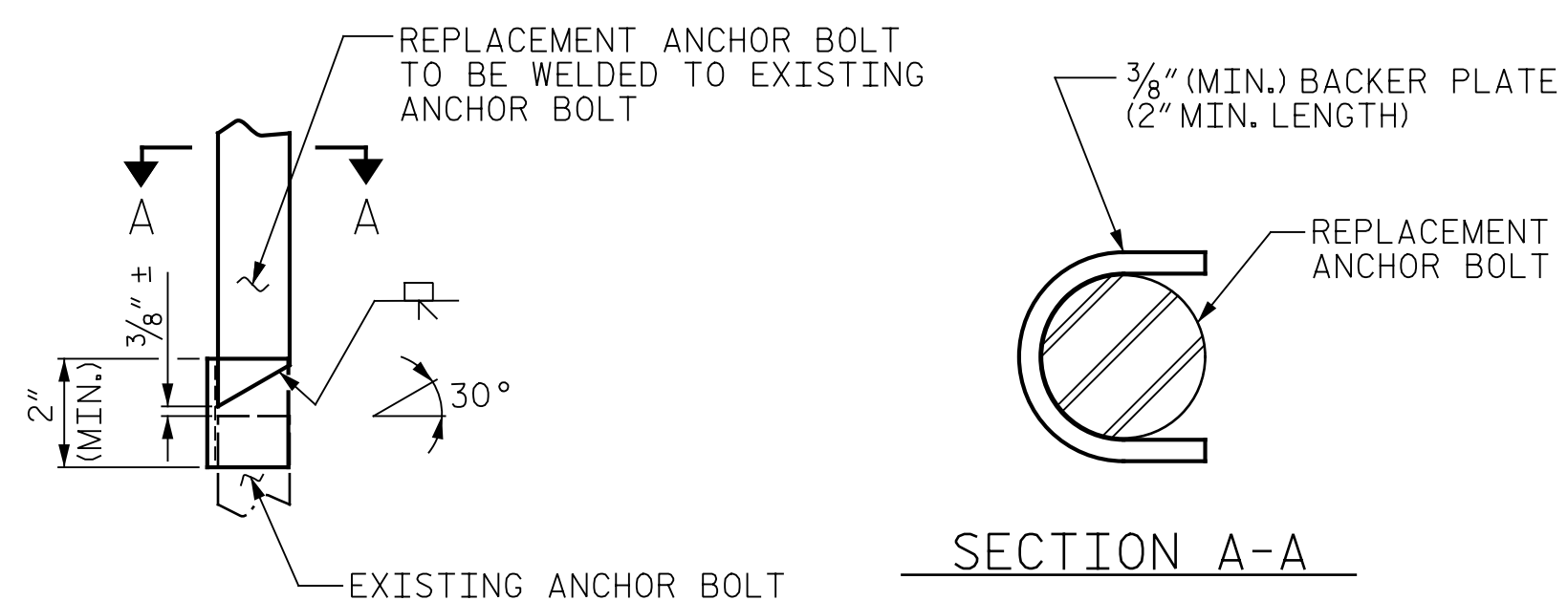


CHIP OUT CONCRETE AROUND ANCHOR BOLT AVOIDING DAMAGE TO EXISTING REBAR. CUT ANCHOR BOLT AT UNDAMAGED SECTION



SECTION AT BEARING



DETAIL A

ANCHOR BOLT WELD DETAIL

CONSTRUCTION SEQUENCE:

JACK BRIDGE AND CHIP OUT AROUND DAMAGED ANCHOR BOLT. REMOVE CONCRETE BELOW UNDAMAGED AREA ENOUGH TO CUT AND PREPARE FOR WELDING.

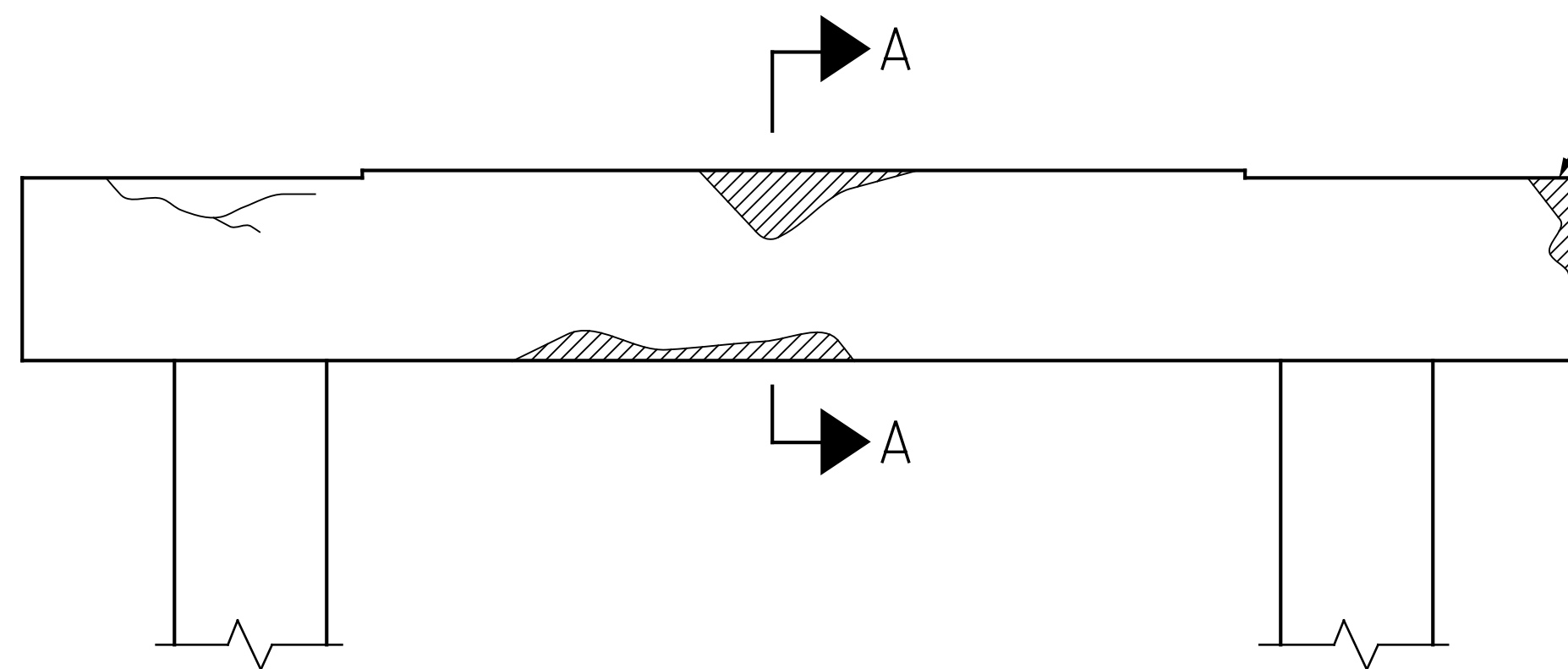
WELD ANCHOR BOLT AS SHOWN ABOVE.

ALL WELDS NEED TO BE APPROVED BY THE NCDOT MATERIALS AND TEST UNIT BEFORE RECASTING CONCRETE AT BRIDGE SEAT.

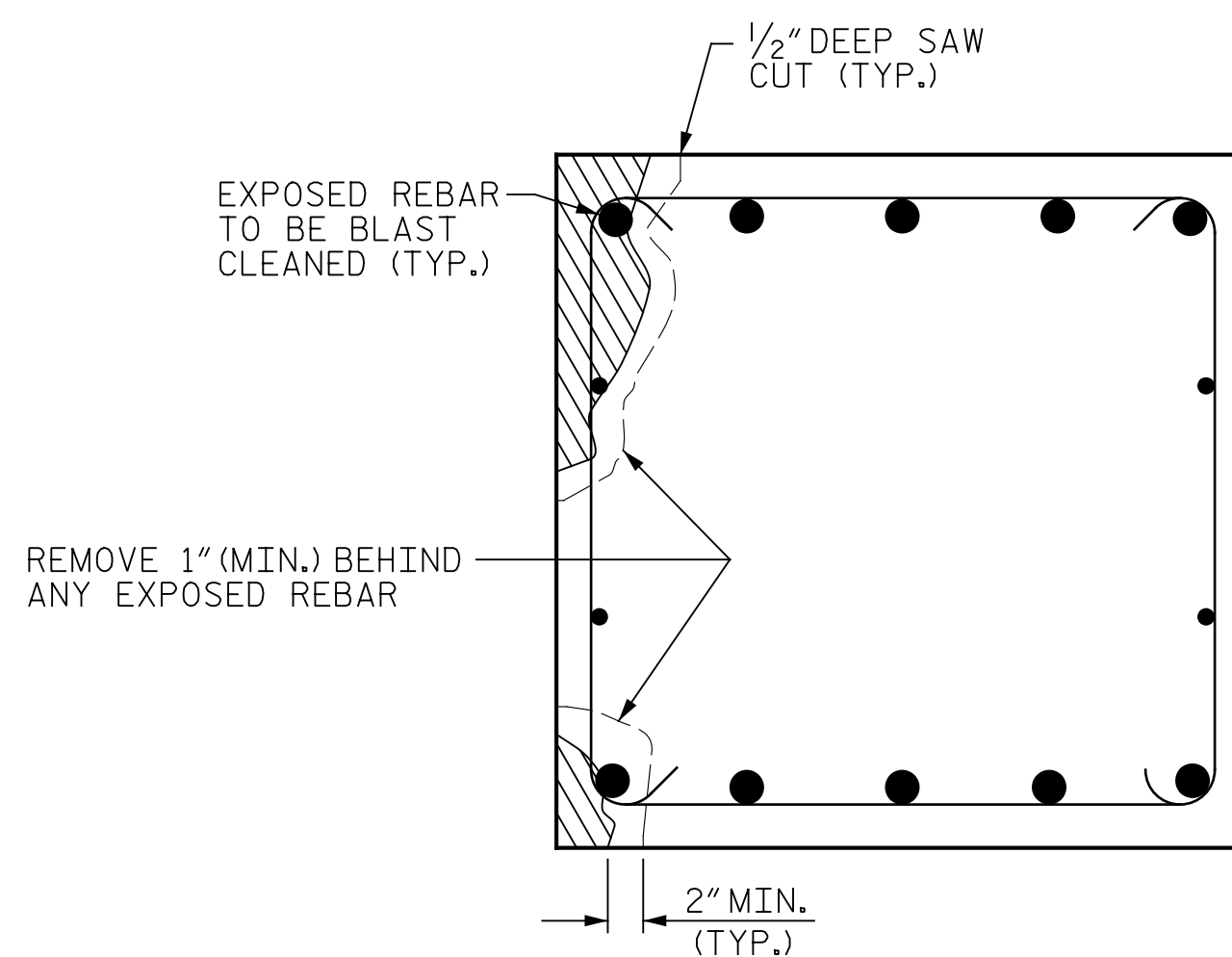
REPAIR BRIDGE SEAT IN ACCORDANCE WITH THE SPECIAL PROVISION FOR CONCRETE REPAIR.

REMOVE JACKS.

ANCHOR BOLT REPAIR

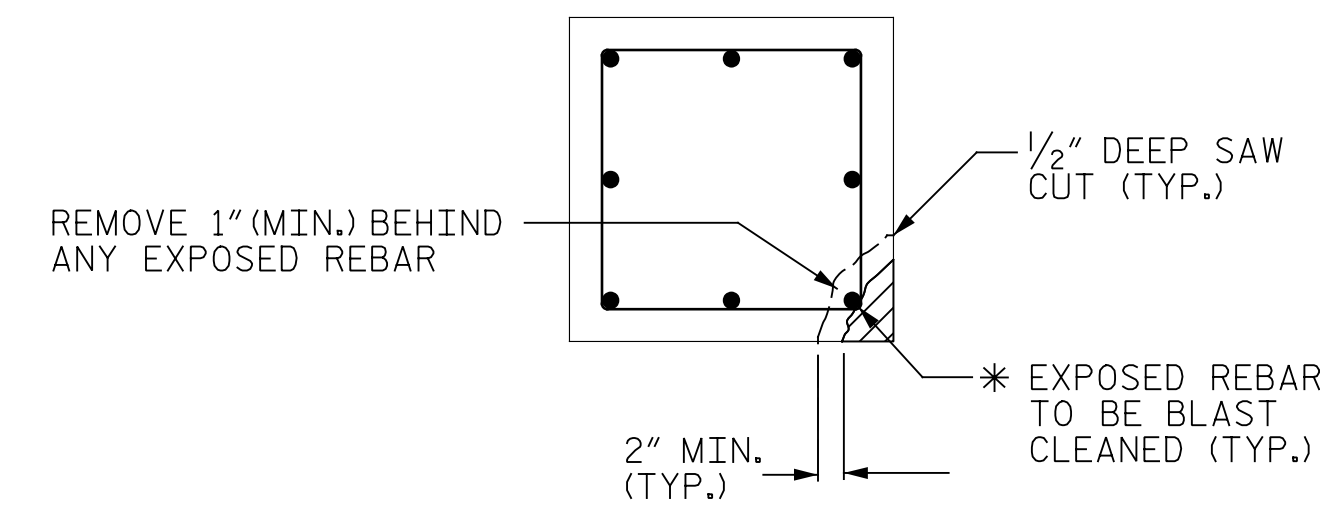


BENT CAP REPAIRS

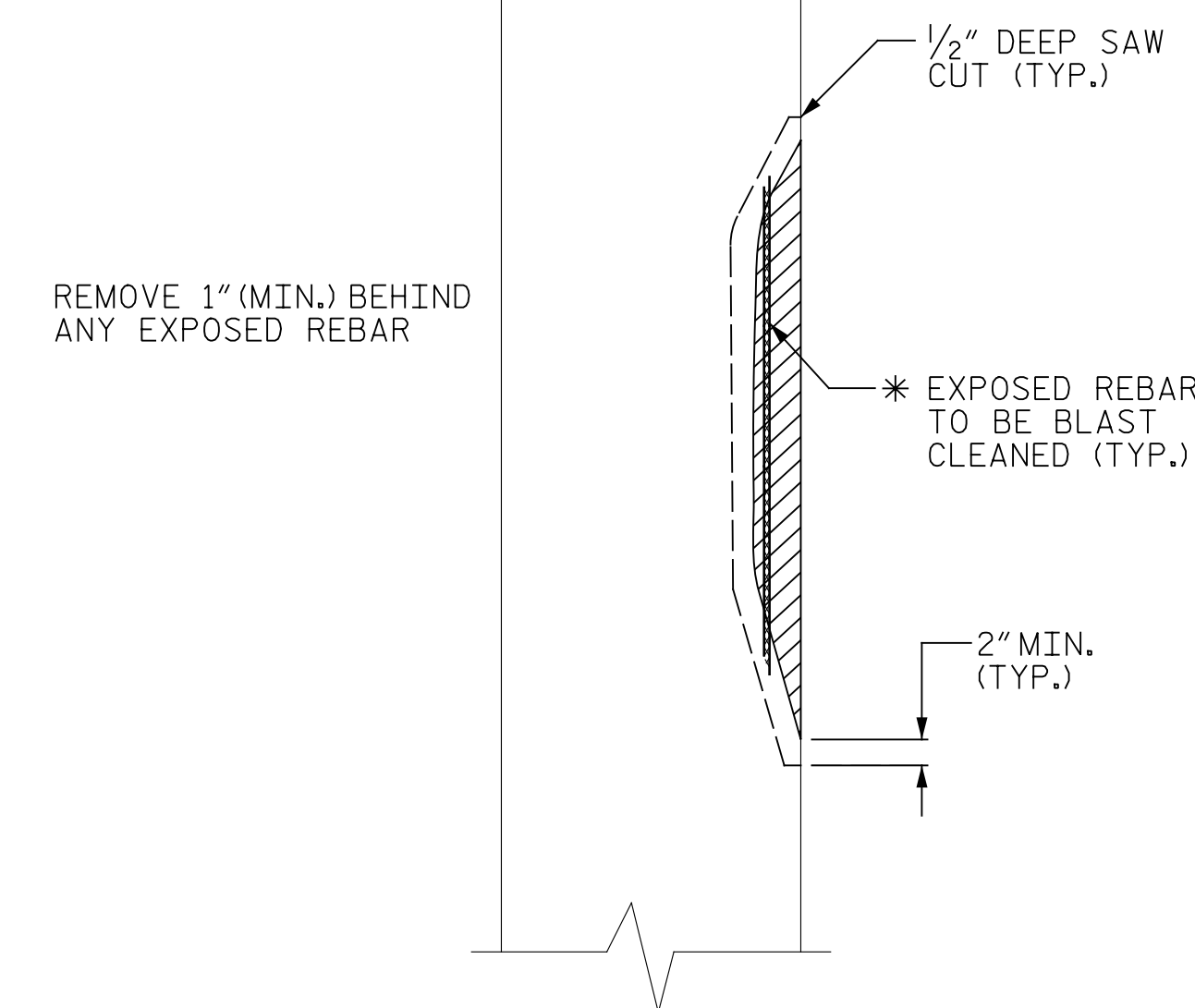


SECTION A-A

CAP REPAIR



PLAN OF COLUMN



ELEVATION OF COLUMN

COLUMN REPAIR

* REPAIR LENGTH SHALL NOT EXCEED 10 FEET.

NOTE

TYPICAL REPAIRS FOR BENT CAP ARE SHOWN. REPAIR DETAILS SIMILAR FOR END BENT CAPS AND STRUTS.

PROJECT NO. I-5889A

BUNCOMBE COUNTY

BRIDGE NO. 334, 339, 344, 347, 352, 356, 358, 366, 369, 374, 377, 378



DocuSigned by:
Eric B. Nelson
11/20/2017
B49F91782D704A

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**TYPICAL CAP
AND COLUMN
REPAIR DETAILS**

DRAWN BY : J. BOYER DATE : 10/17
CHECKED BY : R. NELSON DATE : 10/17

PLANS PREPARED BY:
Gannett Fleming
2610 Wycliff Road
Suite 102
Raleigh, NC 27607-3073
(919) 420-7660
Excellence Delivered As Promised NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-208
1			3			TOTAL SHEETS 208
2			4			