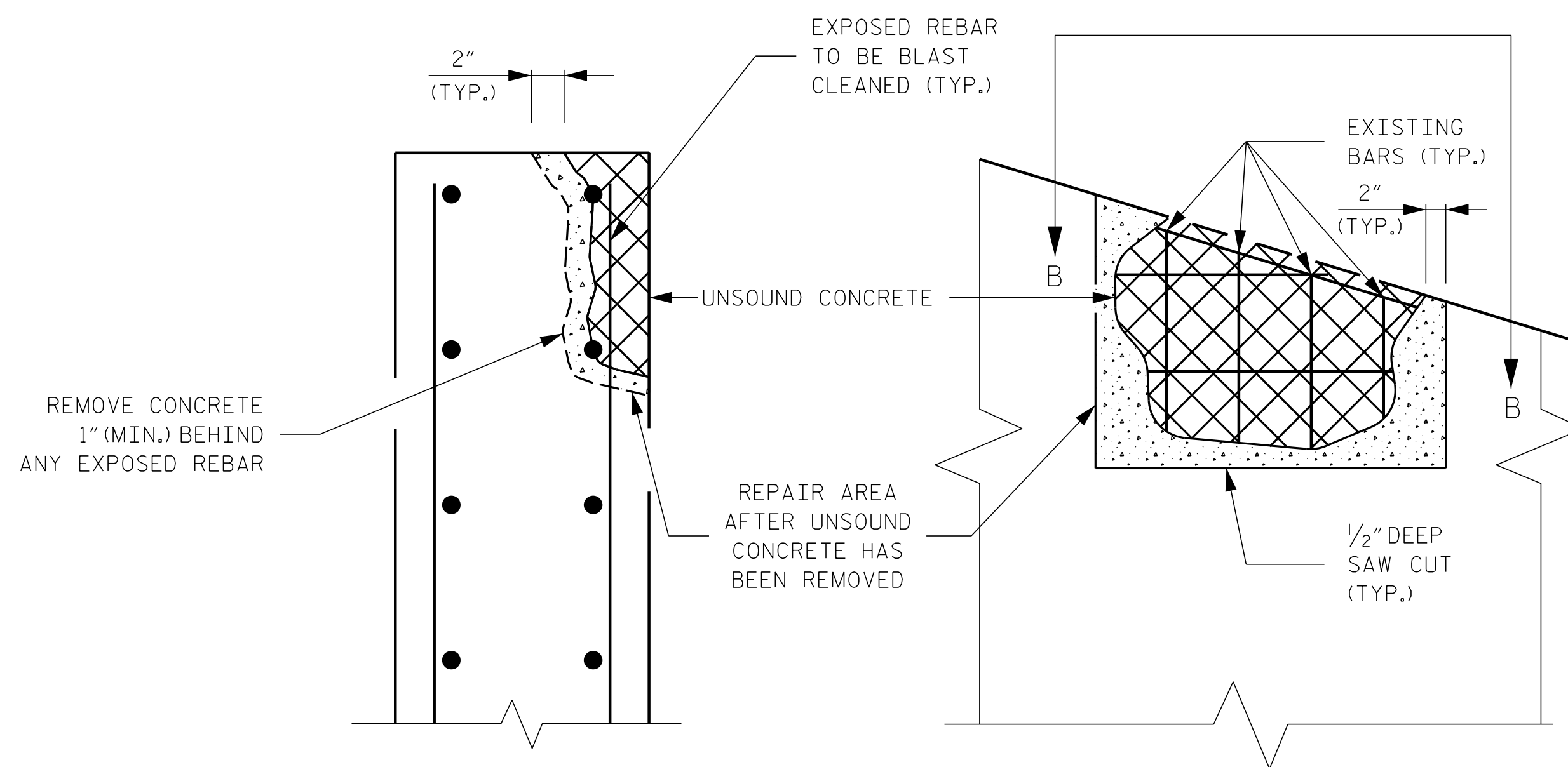
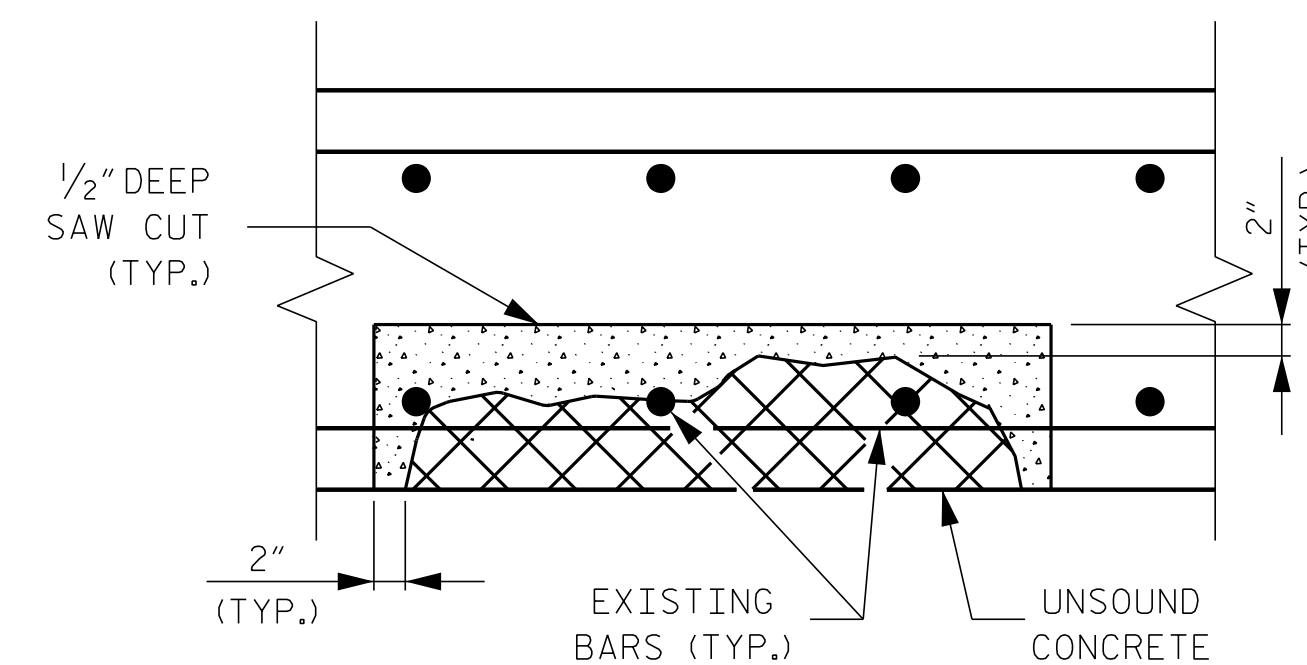


WALL REPAIRS



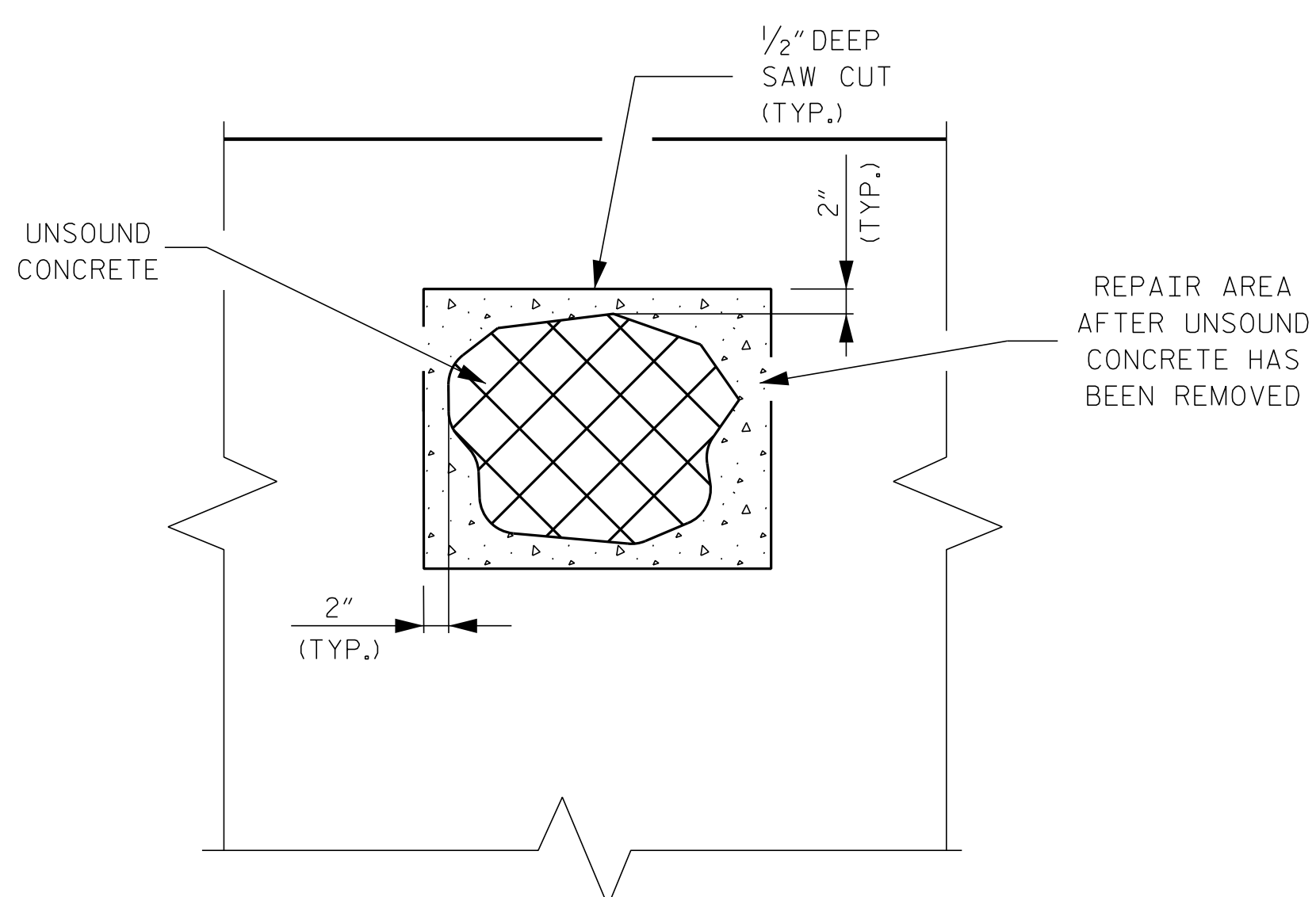
SECTION A-A

ELEVATION



VIEW B-B

DAMAGED CONCRETE
CORNER REPAIR DETAILS



DAMAGED CONCRETE
FACE REPAIR DETAILS

NOTES

1. MATCH CURVATURE OF ARCH CULVERTS UNLESS ADDITIONAL CONCRETE IS NECESSARY TO ADEQUATELY COVER REINFORCEMENT.
2. REMOVE UNSOUND CONCRETE TO THE EXTENT NECESSARY, MINIMUM 1" BEHIND REBAR AND MINIMUM OF 2" CLEARANCE TO SAWCUT.
3. NO MORE THEN ONE-THIRD OF A MEMBER'S CROSS SECTIONAL AREA SHALL BE REMOVED AT ONE TIME. SHOULD IT BECOME NECESSARY TO REMOVE MORE THAN 30% OF A MEMBERS CROSS SECTIONAL AREA, NOTIFY THE ENGINEER PRIOR TO PROCEEDING.
4. REINFORCING STEEL WHICH IS DETERMINED BY THE ENGINEER TO BE REPLACED, SHALL BE REMOVED TO A POINT WHERE IT IS SOUND. THE PATCH SHALL EXTEND A SUFFICIENT DISTANCE BEYOND THIS POINT TO DEVELOP A SPLICE LENGTH OF 1 FT MINIMUM.

PROJECT NO. 15BPR.32

P:\2018\18153.22_15BPR.32_MCDOT_Culvert_Preservation\DWG\15BPR.32_T SH.dgn
 12/12/2018 2:28:16 PM

DRAWN BY : A. KLINK DATE : 07/18
 CHECKED BY : T. KOCH DATE : 08/18

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

ENGINEER OF RECORD
12/12/2018

1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 Bus: 919 851 8077
 Fax: 919 851 8107
 LICENSE NO. F-0377

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

CONCRETE REPAIR
DETAILS

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

SHEET NO. S-23
TOTAL SHEETS 23