

**NOTES**

CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL OR PRESTRESSED TENDONS.

CONTRACTOR SHALL SAW CUT TO A NOMINAL DEPTH OF 1/2" BUT REINFORCING STEEL AND PRESTRESSED TENDONS SHALL NOT BE DAMAGED.

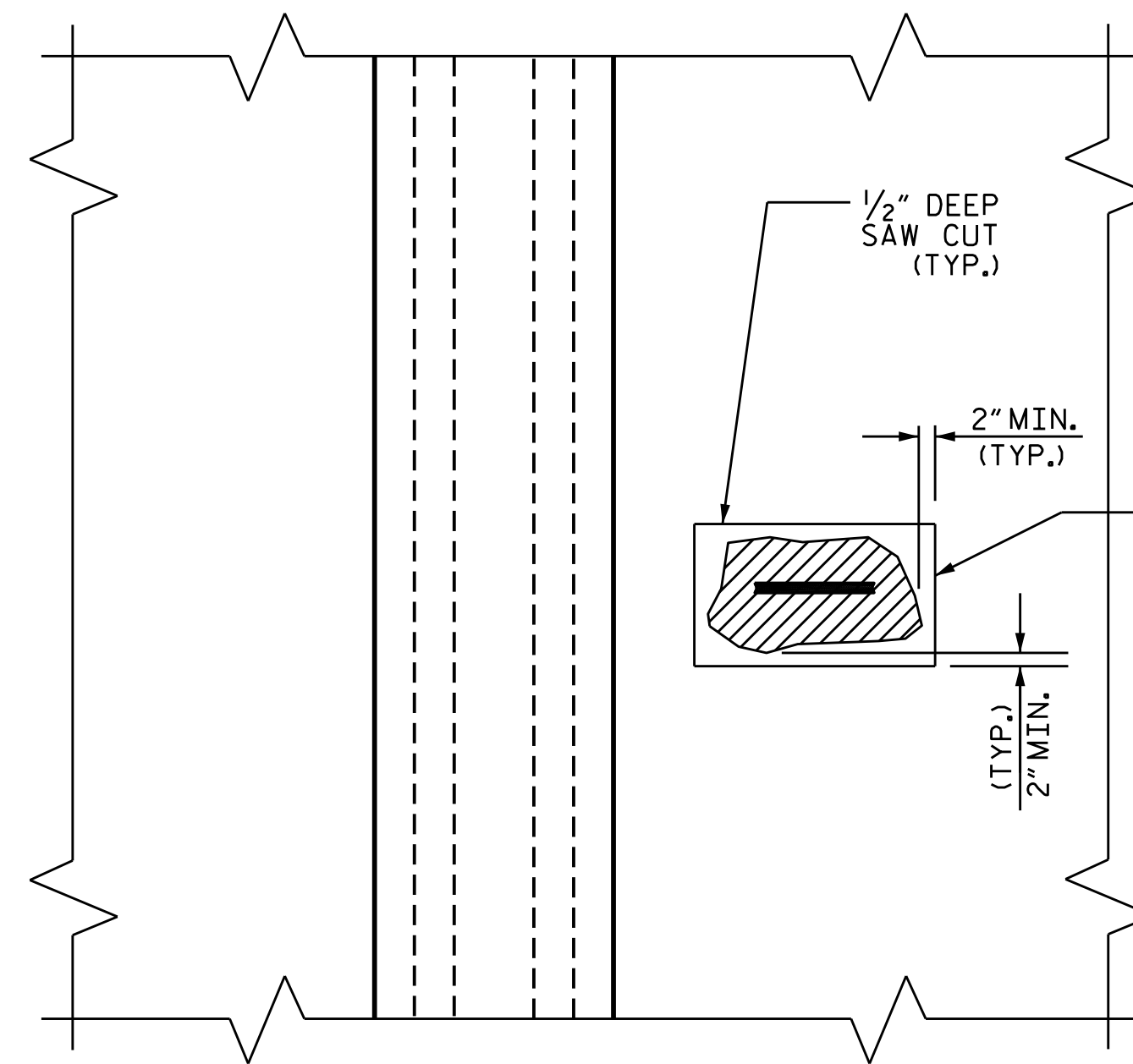
CONTRACTOR SHALL SAW CUT THE REPAIR AREAS SO THAT THE CORNERS ARE SQUARE AS INDICATED ON THE DETAILS.

ALL REPAIRS ON GIRDER SHALL USE PRESTRESSED CONCRETE GIRDER REPAIR MATERIAL.

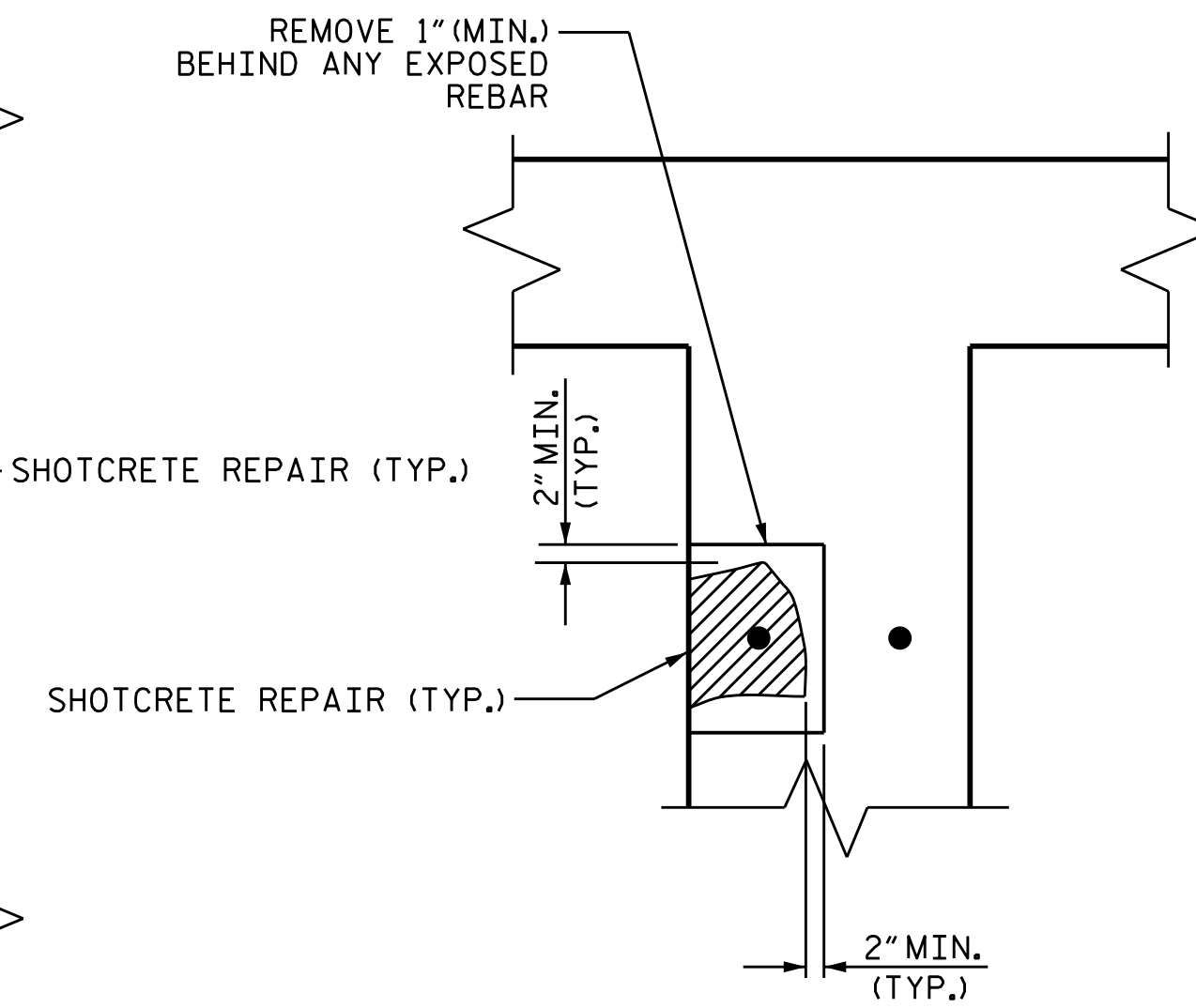
FOR PRESTRESSED CONCRETE GIRDER REPAIR, SEE "PRESTRESSED CONCRETE GIRDERS WITH THERMAL SPRAY ANODE" SPECIAL PROVISION.

PRESTRESSED CONCRETE GIRDER REPAIR MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

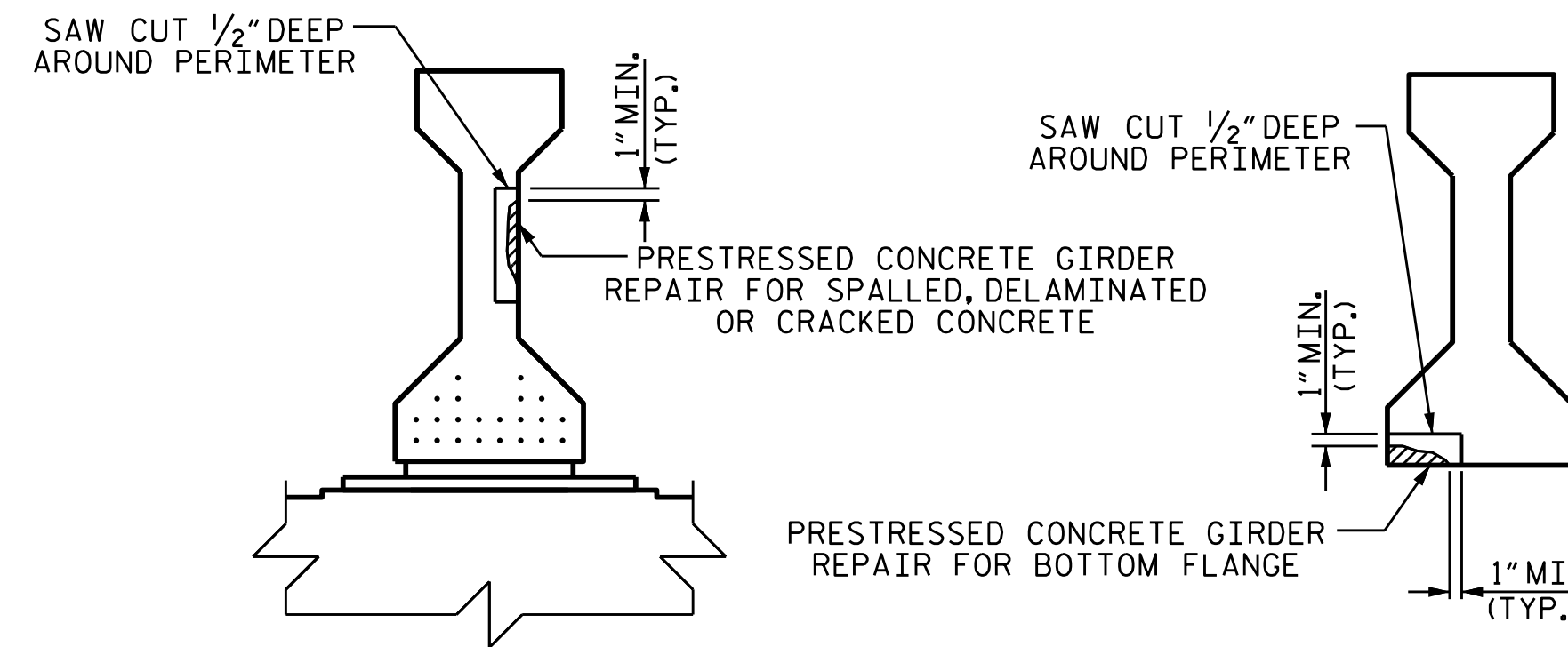
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.



SECTION D-D



SECTION E-E

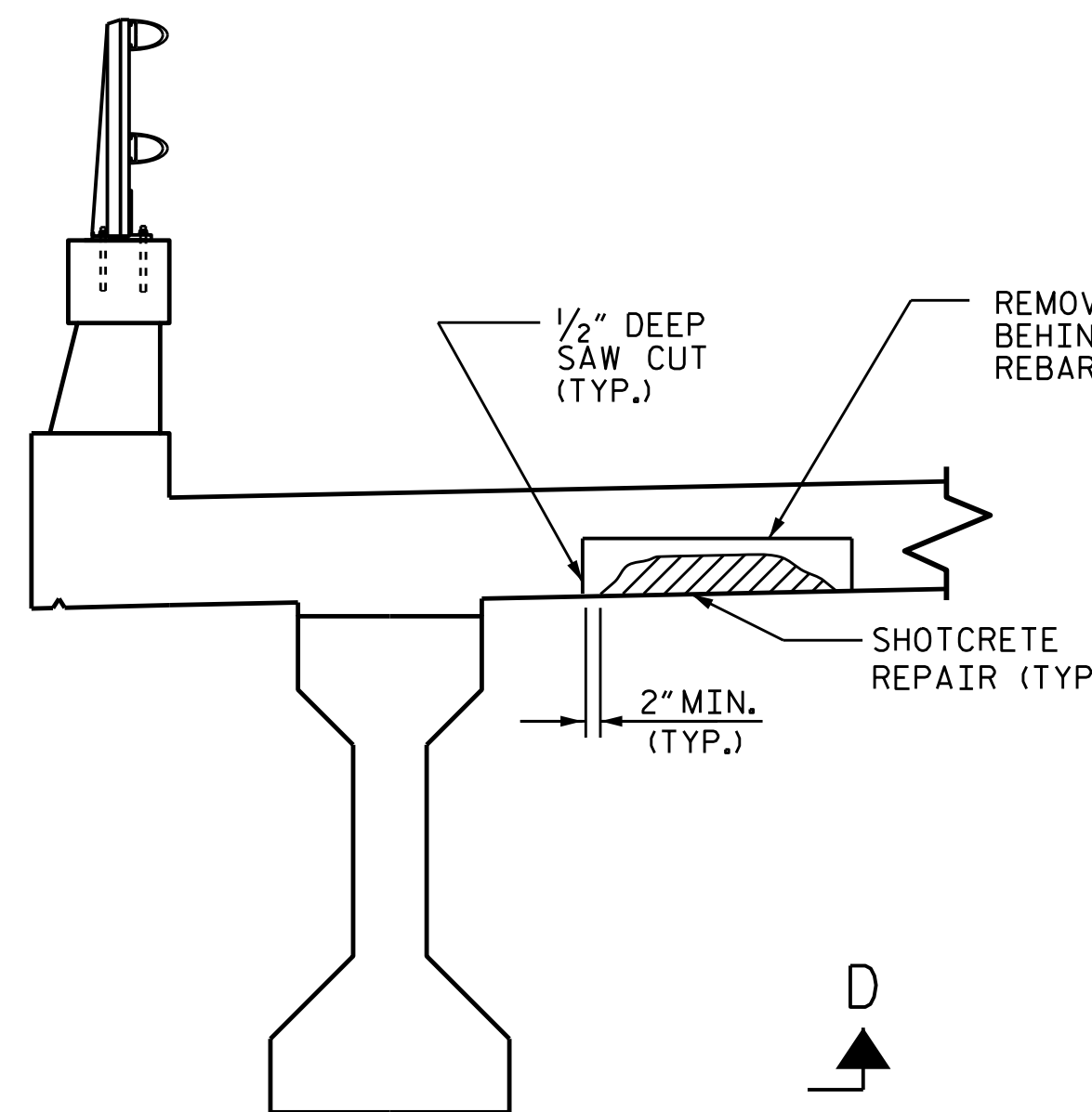


SECTION B-B

SECTION C-C

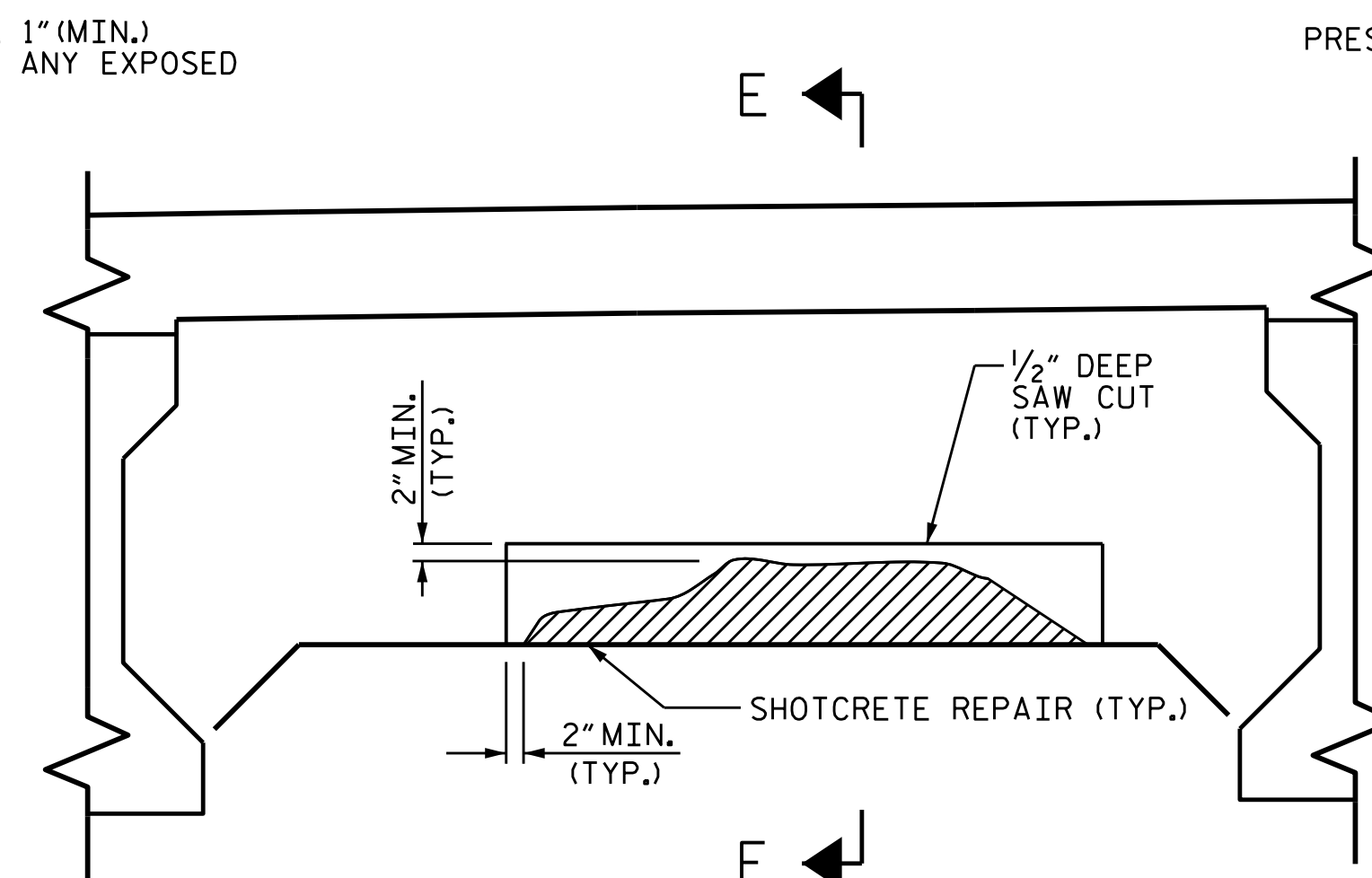
(IF MORE THAN HALF THE CIRCUMFERENCE OF REINFORCING BAR IS EXPOSED DURING THIS PROCESS, REMOVE ADDITIONAL CONCRETE BEHIND THE BAR. THIS DOES NOT APPLY TO PRESTRESSED STRANDS.)

(ALL UNSOUND CONCRETE MUST BE REMOVED. USE EXTREME CARE TO NOT DAMAGE STRANDS. PRESTRESSED STRANDS NOT SHOWN FOR CLARITY.)



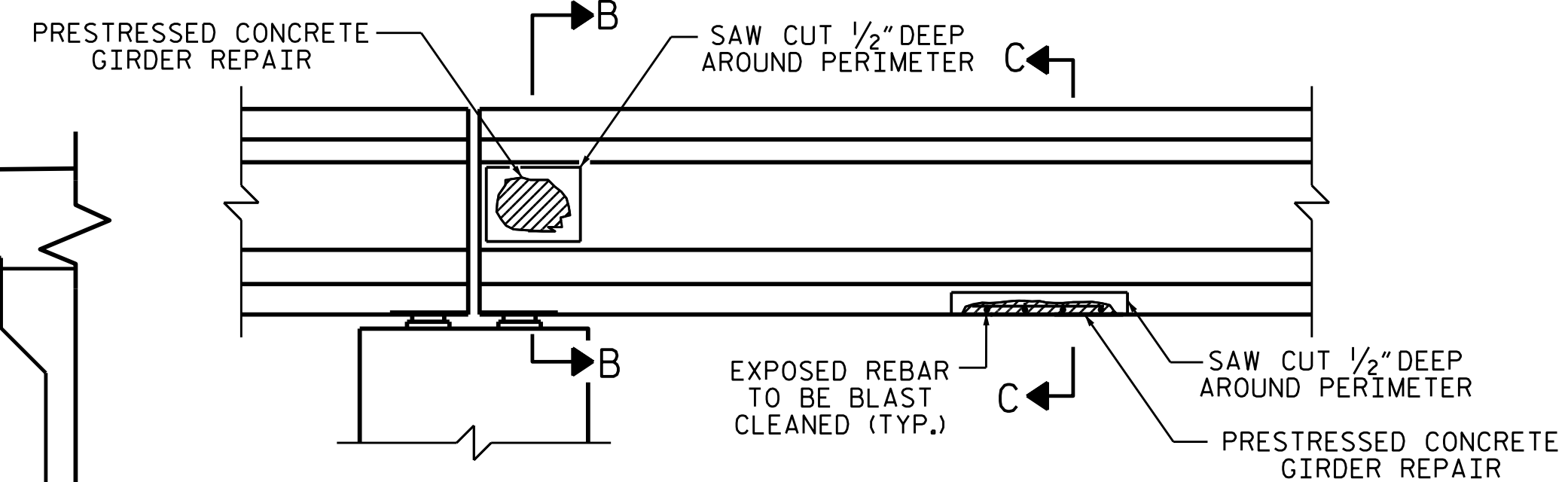
TYPICAL SECTION

UNDERDECK DETAILS



TYPICAL SECTION

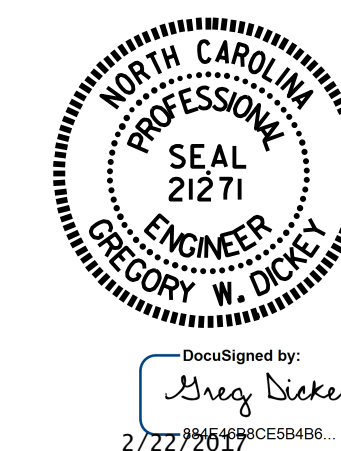
INTERIOR DIAPHRAGM REPAIR DETAILS



ELEVATION

PRESTRESSED CONCRETE GIRDER REPAIR DETAIL

PROJECT NO. B-5938  
CARTERET COUNTY  
 BRIDGE NO. 68



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 TYPICAL GIRDER,  
 UNDERDECK &  
 DIAPHRAGM  
 REPAIR DETAILS

DRAWN BY : R.WEISZ DATE : 2/2017  
 CHECKED BY : P.BRYANT DATE : 2/2017

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S1-39
2			4			-