

**NOTES:**

THE LOCATIONS AND DIMENSIONS OF THE AREAS FOR REPAIR ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR, IN CONJUNCTION WITH THE ENGINEER, SHALL VERIFY THE LOCATION AND EXTENT OF REPAIR AREAS PRIOR TO STEEL FABRICATION. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE REPAIR QUANTITY TABLE.

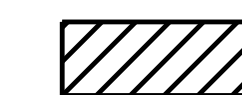





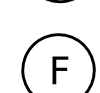

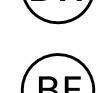
FOR UNDERSIDE OF DECK REPAIRS, SEE "DECK REPAIR DETAILS" SHEET.

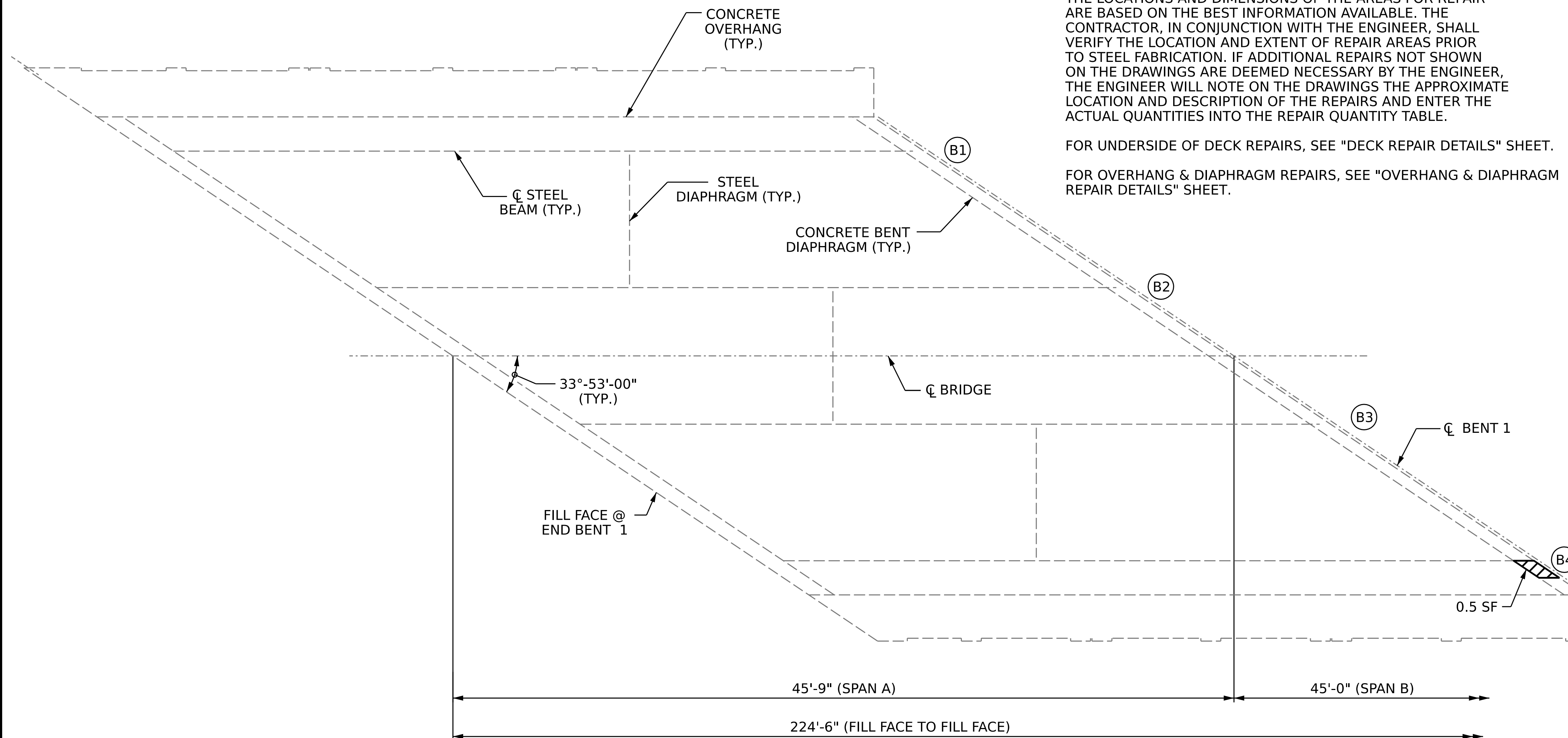
FOR OVERHANG & DIAPHRAGM REPAIRS, SEE "OVERHANG & DIAPHRAGM REPAIR DETAILS" SHEET.

**DECK UNDERSIDE REPAIR QUANTITY TABLE**

DECK UNDERSIDE REPAIRS SPAN A	QUANTITIES			
	ESTIMATE		ACTUAL	
<b>SHOTCRETE REPAIRS</b>	AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK	0	0		
CONCRETE DIAPHRAGM	0.5	0.4		
OVERHANG	0	0		
<b>CONCRETE REPAIRS</b>	AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK	0	0		
CONCRETE DIAPHRAGM	0	0		
OVERHANG	0	0		
<b>EPOXY RESIN INJECTION</b>	LINEAR FT		LINEAR FT	
CONCRETE DIAPHRAGM	0			
CONCRETE OVERHANG	0			
<b>ZONE PAINTING</b>		AREA SF		AREA SF
BEAM ENDS		225.4		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 2" CLEAR TO SAWCUT. SEE REPAIR DETAILS.

-  SHOTCRETE REPAIR AREA
-  CONCRETE REPAIR AREA
-  ZONE PAINTING
-  EPOXY RESIN INJECTION
-  BEAM NUMBER
-  WEB PLATING REPAIR
-  BOTTOM FLANGE PLATING REPAIR
-  BOLTED WEB PLATE REPAIR
-  BOLTED FLANGE PLATE REPAIR

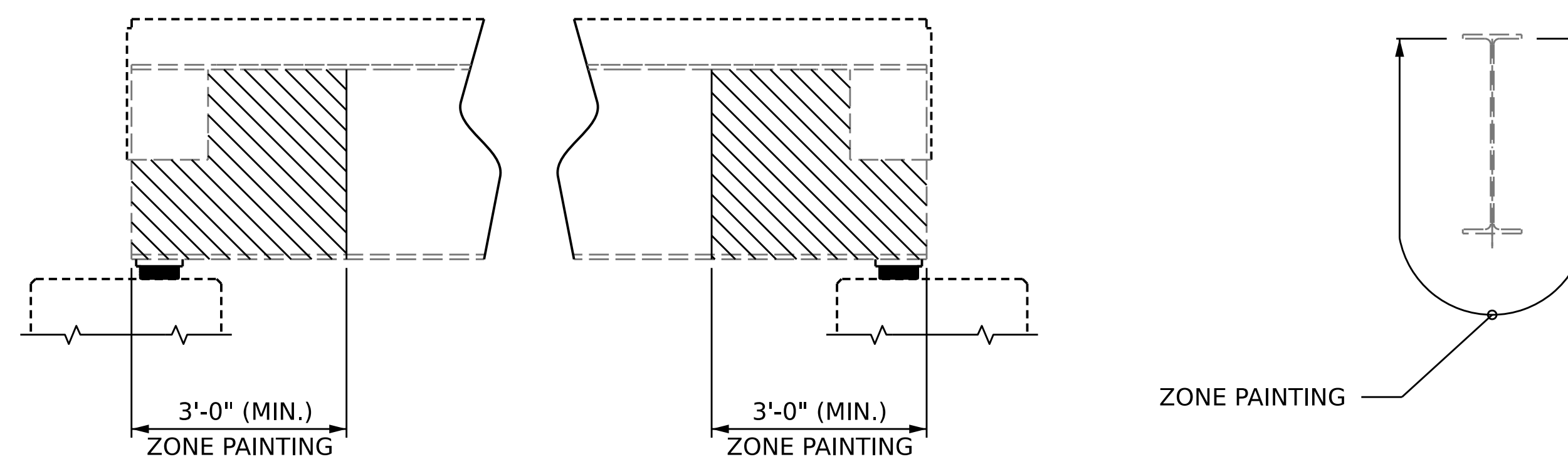


**SPAN A**

BEAM REPAIR QUANTITY TABLE							
BOLTED STEEL PLATES		STEEL PLATES		STEEL DIAPHRAGM		BEAM REPAIR CUT-OUT	
LBS.		LBS.		LBS.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
0.0		0.0		0.0		0.0	

ANTICIPATED STEEL REPAIR LOCATIONS						
REPAIR TYPE	BEAM	LOCATION	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
W						
BC						
F						
BW						
BF						

(SEE SHEETS S2-26, S2-27 AND S2-28 FOR BEAM REPAIR DETAILS AND DIMENSIONS.)



**LIMITS OF ZONE PAINTING**

PROJECT NO. **B-5981**  
**DUPLIN** COUNTY  
 BRIDGE NO. **300017**

SHEET 1 OF 5

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**DECK UNDERSIDE REPAIR  
 SPAN A**



DocuSigned by:  
 William C. Smith  
 8A2A6293F0241D

10/24/2023

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-10
1			3			TOTAL SHEETS
2			4			31

DRAWN BY : S. T. SANDOR DATE : 1/31/23  
 CHECKED BY : W. C. SMITH DATE : 5/31/23