

AS-BUILT REPAIR QUANTITY TABLE

UNDERSIDE OF DECK REPAIRS - SPAN A

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
SHOTCRETE REPAIRS				
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	23.6	11.8		
OVERHANG	46.5	15.5		
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
EPOXY RESIN INJECTION		LIN. FT.		LIN. FT.
UNDERSIDE OF DECK		0.0		
BENT DIAPHRAGM		0.0		
OVERHANG		0.0		

AS-BUILT REPAIR QUANTITY TABLE

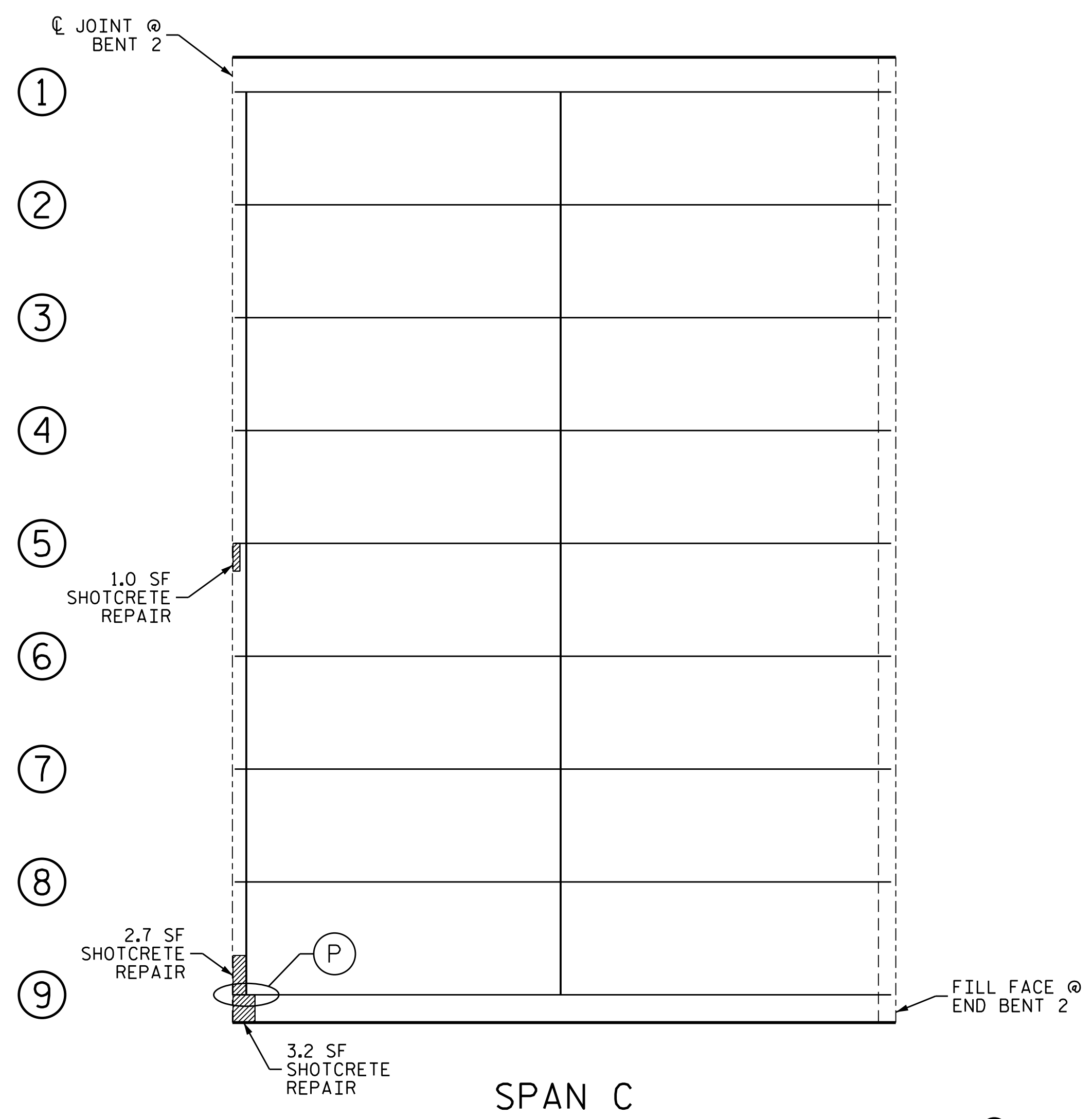
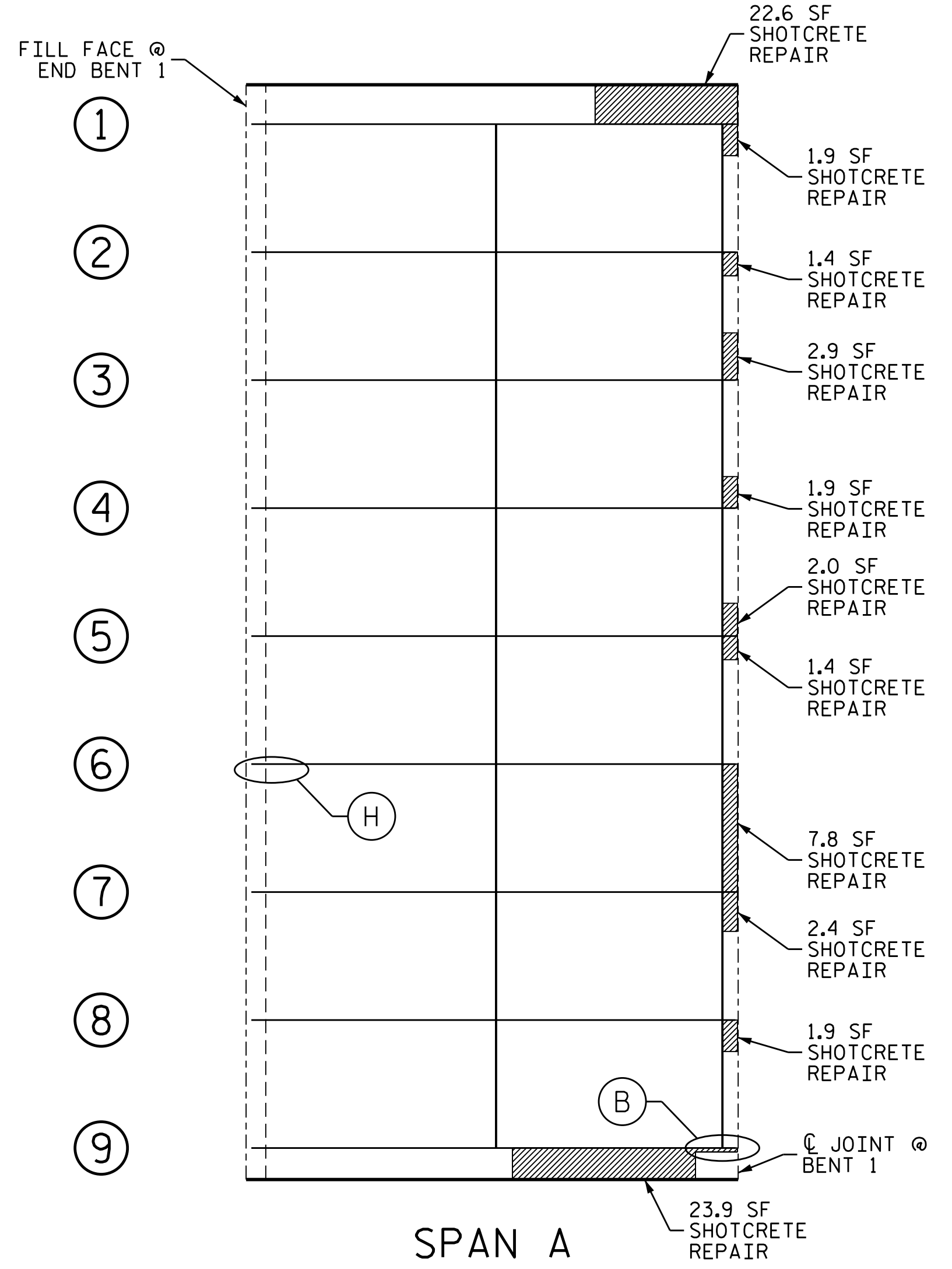
UNDERSIDE OF DECK REPAIRS - SPAN C

	ESTIMATE		ACTUAL	
	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
SHOTCRETE REPAIRS				
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	3.7	1.9		
OVERHANG	3.2	1.1		
CONCRETE REPAIRS	AREA SQ. FT.	VOLUME CU. FT.	AREA SQ. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
BENT DIAPHRAGM	0.0	0.0		
OVERHANG	0.0	0.0		
EPOXY RESIN INJECTION		LIN. FT.		LIN. FT.
UNDERSIDE OF DECK		0.0		
BENT DIAPHRAGM		0.0		
OVERHANG		0.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEARANCE TO SAWCUT. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.

NOTES

- FOR UNDERSIDE OF DECK REPAIRS. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.
- FOR OVERHANG REPAIRS. SEE "OVERHANG, DIAPHRAGM AND BRIDGE RAIL REPAIR DETAILS" SHEET.
- FOR GUSSET PLATE REPAIR, CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF EXISTING GUSSET PLATE AND REPLACE WITH LIKE KIND.
- FOR BEAM PLATING REPAIR. SEE "BEAM PLATING REPAIR DETAILS" SHEETS.
- FOR BRIDGE JACKING. SEE "JACKING DETAILS" SHEET.



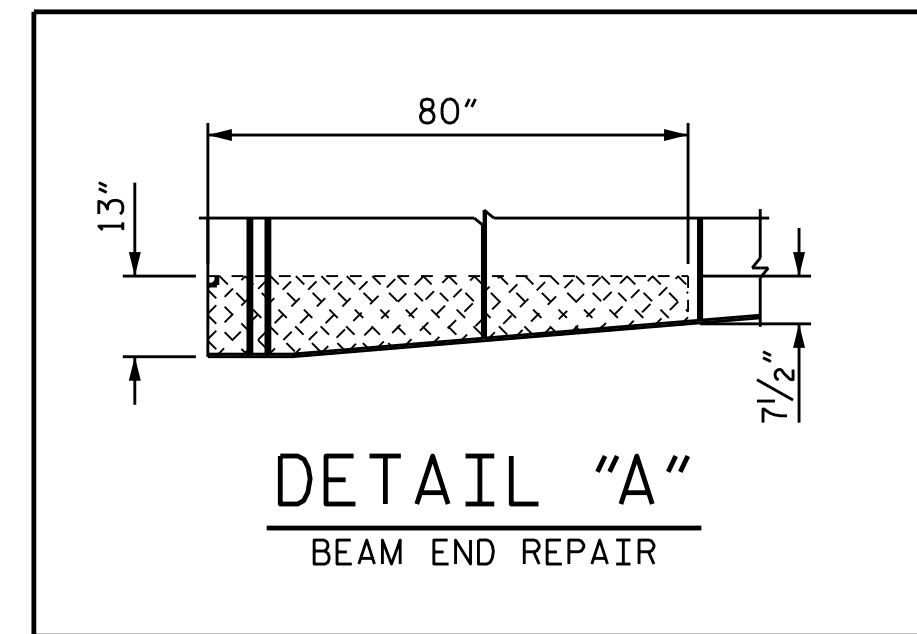
- ① BEAM NUMBER
- ⓑ BEAM END REPAIR
- Ⓟ PLATING REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓣ BOTTOM FLANGE REPAIR
- ⓗ HARDWARE REPAIR
- Ⓒ GUSSET PLATE REPAIR
- Ⓛ LATERAL BRACE REPAIR

▨ SHOTCRETE REPAIR AREA

~ ERI - EPOXY RESIN INJECTION

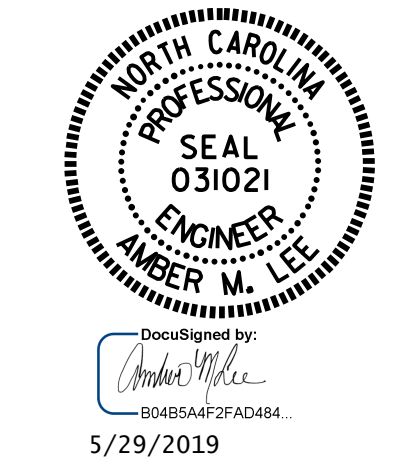
SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "E"	DIM "F"
A	9	BENT 1	* 13"	80"		
C	9	BENT 2	-	6 1/2"	22"	

(* SEE DETAIL "A")



STEEL PLATES		BRIDGE JACKING		STIFFENER	
LBS.		EA.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
23.0		2		0.0	
STEEL LATERAL BRACING		HARDWARE REPAIR		BEAM END REPAIR	
LBS.		LBS.		LBS.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
0.0		0.9		273.6	

DRAWN BY : R.L.PUTEK DATE : 03/2019
 CHECKED BY : A.M.LEE DATE : 03/2019



PROJECT NO. 15BPR.40
 BUNCOMBE COUNTY
 BRIDGE NO. 100495

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

DECK UNDERSIDE REPAIR SPANS A & C

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S2-06
2			4			TOTAL SHEETS 14