

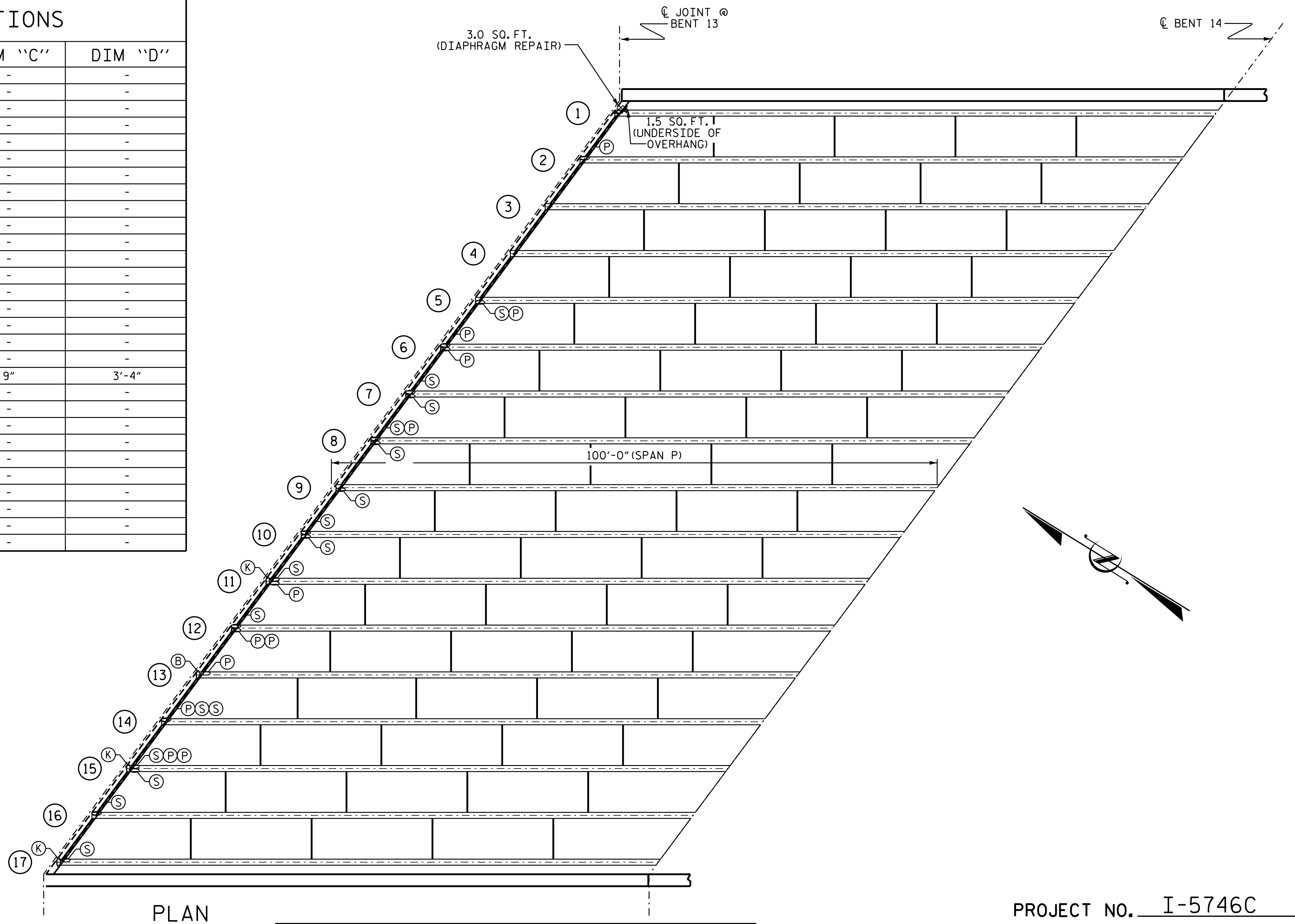
### ANTICIPATED BEAM REPAIR LOCATIONS

SPAN	BEAM	LOCATION	DIM "A"	DIM "B"	DIM "C"	DIM "D"
P	2	BENT 13	1'-2"	1'-10"	-	-
P	5	BENT 13	1'-10"	-	-	-
P	5	BENT 13	1'-2"	1'-10"	-	-
P	6	BENT 13	10"	1'-2"	-	-
P	6	BENT 13	10"	1'-10"	-	-
P	7	BENT 13	10"	-	-	-
P	7	BENT 13	3'-3"	-	-	-
P	8	BENT 13	3'-3"	-	-	-
P	8	BENT 13	3'-3"	-	-	-
P	8	BENT 13	1'-2"	1'-10"	-	-
P	9	BENT 13	4"	-	-	-
P	10	BENT 13	3'-3"	-	-	-
P	10	BENT 13	3'-3"	-	-	-
P	11	BENT 13	1'-2"	1'-10"	-	-
P	11	BENT 13	8"	-	-	-
P	12	BENT 13	8"	-	-	-
P	12	BENT 13	1'-10"	1'-2"	-	-
P	12	BENT 13	8"	3'-7"	-	-
P	13	BENT 13	4'-8"	1'-2"	9"	3'-4"
P	13	BENT 13	2"	3'-0"	-	-
P	14	BENT 13	1'-4"	2'-3"	-	-
P	14	BENT 13	3'-3"	-	-	-
P	14	BENT 13	1'-11"	-	-	-
P	15	BENT 13	7"	1'-1"	-	-
P	15	BENT 13	7"	3'-0"	-	-
P	15	BENT 13	3'-3"	-	-	-
P	15	BENT 13	3'-3"	-	-	-
P	16	BENT 13	1'-0"	-	-	-
P	17	BENT 13	6"	-	-	-

#### NOTES

- FOR BEAM REPAIR DETAILS, SEE "BEAM SECTION REPAIR DETAILS" SHEET.
- FOR BEAM PLATING REPAIR, SEE "BEAM PLATING REPAIR DETAILS" SHEETS.
- FOR BRIDGE JACKING DETAILS, SEE "JACKING DETAILS" SHEET.
- 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.
- FOR STEEL KEEPER ANGLE ASSEMBLY, SEE SPECIAL PROVISIONS.
- FOR STEEL KEEPER ANGLE ASSEMBLY DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

- ① BEAM NUMBER
- ⓑ BEAM END REPAIR
- Ⓟ PLATING REPAIR
- Ⓢ STIFFENER REPAIR
- Ⓣ STEEL DIAPHRAGM REPAIR
- Ⓚ STEEL KEEPER ANGLE ASSEMBLY



PLAN

### BEAM REPAIR QUANTITY TABLE

BEAM END REPAIR		PLATING REPAIR		STIFFENER REPAIR		DIAPHRAGM REPAIR		STEEL KEEPER ANGLE ASSEMBLY	
LBS.		LBS.		LBS.		LBS.		EA.	
ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
426		665		400		0		3	

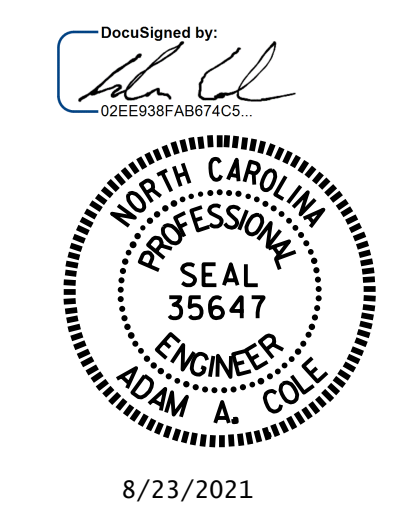
- UNDERSIDE EPOXY COATING
- UNDERSIDE REPAIR
- DIAPHRAGM REPAIR
- EPOXY RESIN INJECTION (ERI)

UNDERSIDE OF DECK REPAIRS				
SHOTCRETE REPAIRS	ESTIMATE		ACTUAL	
	AREA SO. FT.	VOLUME CU. FT.	AREA SO. FT.	VOLUME CU. FT.
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG DIAPHRAGMS	3.0	1.0		
UNDERSIDE OF OVERHANG	1.5	0.5		
INTERIOR DIAPHRAGMS	0.0	0.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0 LIN. FT.			
UNDERSIDE EPOXY COATING	0 SQ. FT.			

UNDERSIDE OF DECK REPAIR QUANTITIES REPRESENT ESTIMATED VALUES OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM OF 2" CLEAR TO SAWCUT. SEE REPAIR DETAILS.

PROJECT NO. I-5746C  
MECKLENBURG COUNTY  
 STATION: 590332

SHEET 8 OF 11



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

## DECK UNDERSIDE REPAIR

### SPAN P

DRAWN BY : REZA KOUCHEKI DATE : 07/2021  
 CHECKED BY : H. A. LOCKLEAR DATE : 07/2021

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			274
2			4			

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