

GIRDER, DIAPHRAGM, & UNDERDECK REPAIR TABLES

SPAN	MEMBER	LENGTH FROM BENT (FT.)	REPAIR SIZE	LOCATION	BAY
10	G1	@ BENT 10	28" x 5"	TOP LEFT CHAMFER	---
10	G2	19' FROM BENT 9	36" x 9"	BOTTOM FLANGE	---
10	G3	17' FROM BENT 10	16 @ 16" x 6"	BOTTOM FLANGE	---
10	G3	12' FROM BENT 10	8" x 8"	BOTTOM FLANGE	---
10	G3	6.5' FROM BENT 10	30" x 14"	BOTTOM FLANGE	---
10	G3	18' FROM BENT 10	30" x 14"	BOTTOM FLANGE	---
10	G5	22' FROM BENT 10	6" x 6"	BOTTOM FLANGE	---
10	G7	22' FROM BENT 10	18" x 11"	BOTTOM FLANGE	---
10	G8	7' FROM BENT 9	12" x 12"	BOTTOM FLANGE	---
10	G8	14' FROM BENT 9	36" x 14"	BOTTOM FLANGE	---
10	G8	10' FROM BENT 9	144' x 17"	BOTTOM FLANGE	---
10	END DIAPHRAGM	@ BENT 10	12" x 10"	FACE OF DIAPHRAGM	8
10	G9	12' FROM BENT 9	18" x 10"	BOTTOM FLANGE	---
10	G9	12' FROM BENT 9	9" x 8"	BOTTOM FLANGE	---
10	G9	18' FROM BENT 9	27" x 13"	BOTTOM FLANGE	---
10	G9	20' FROM BENT 9	18" x 14"	BOTTOM FLANGE	---
10	G9	7' FROM BENT 9	16" x 9"	BOTTOM FLANGE	---
10	G9	14' FROM BENT 9	4 @ 13" x 6"	BOTTOM FLANGE	---
10	G9	25' FROM BENT 9	14" x 9"	BOTTOM FLANGE	---
10	G9	32' FROM BENT 9	30" x 16"	BOTTOM FLANGE	---
10	G9	21.5' FROM BENT 10	5 @ 13" x 8"	BOTTOM FLANGE	---
10	G9	11' FROM BENT 10	8" x 8"	BOTTOM FLANGE	---
10	G9	@ BENT 10 DIAPHRAGM	30" x 5"	TOP LEFT CHAMFER	---
11	G1	@ BENT 11	21" x 7"	TOP RIGHT CHAMFER	---
11	G2	1' FROM BENT 11	15" x 14"	BOTTOM FLANGE	---
11	G4	14' FROM BENT 10	9" x 9"	BOTTOM FLANGE	---
11	G4	31' FROM BENT 10	12" x 10"	BOTTOM FLANGE	---
11	G4	27' FROM BENT 11	11" x 10"	BOTTOM FLANGE	---
11	G5	16.5' FROM BENT 11	13 @ 22" x 9"	BOTTOM FLANGE	---
11	G5	12' FROM BENT 11	9" x 9"	BOTTOM FLANGE	---
11	G6	15' FROM BENT 10	39" x 13"	BOTTOM FLANGE	---
11	G6	BEARING PLATE @ BENT 10	8" x 8"	BOTTOM FLANGE	---
11	G6	13' FROM BENT 10	9" x 8"	BOTTOM FLANGE	---
11	G6	16' FROM BENT 10	38" x 11"	BOTTOM FLANGE	---
11	G6	14' FROM BENT 10	20" x 9"	BOTTOM FLANGE	---
11	G6	18' FROM BENT 10	21 @ 20" x 10"	BOTTOM FLANGE	---
11	G6	11' FROM BENT CAP 11	21" x 12"	BOTTOM FLANGE	---
11	G6	2' FROM BENT CAP 11	12" x 12"	BOTTOM FLANGE	---
11	G6	2' FROM BENT CAP 11	10" x 10"	BOTTOM FLANGE	---
11	G7	11' FROM BENT CAP 11	10" x 8"	BOTTOM FLANGE	---
11	G8	21' FROM BENT 11	24" x 9"	BOTTOM FLANGE	---
11	G9	14' FROM BENT 10	24" x 12"	BOTTOM FLANGE	---

GIRDER, DIAPHRAGM, & UNDERDECK REPAIR TABLES

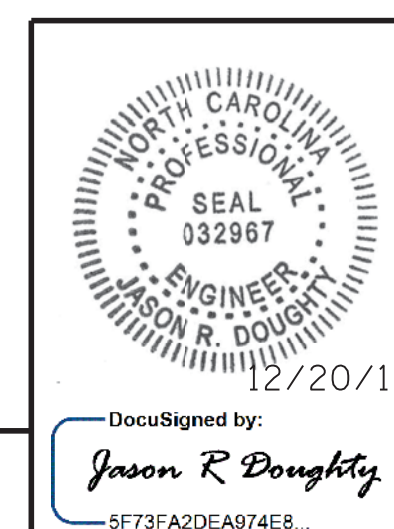
SPAN	MEMBER	LENGTH FROM BENT (FT.)	REPAIR SIZE	LOCATION	BAY
12	DECK	2' FROM BENT 11	14" x 7"	BOTTOM OF DECK	RT. EXT.
12	DECK	1' FROM BENT 12	14" x 8"	BOTTOM OF DECK	RT. EXT.
13	DECK	25' FROM BENT 13	24" x 6"	BOTTOM OF DECK	4
19	DECK	2' FROM EAST END OF SPAN	7'-2" x 14"	BOTTOM OF DECK	5
21	DECK	@ BENT 20	16" x 10"	BOTTOM OF DECK	LT. EXT.
23	DECK	54' FROM BENT 22	27" x 11"	BOTTOM OF DECK	6
27	G1	@ BENT 26	24" x 6"	LEFT WEB	---
27	G1	28' FROM BENT 26	9" x 6"	BOTTOM FLANGE	---
27	G1	23' FROM BENT 27	6 @ 9" x 8"	BOTTOM FLANGE	---
27	G4	19' FROM BENT 26	4 @ 13" x 9"	BOTTOM FLANGE	---
27	G4	28' FROM BENT 26	9" x 7"	BOTTOM FLANGE	---
27	G5	23' FROM BENT 27	11" x 9"	BOTTOM FLANGE	---
27	G6	@ BENT 26	36" x 8"	BOTTOM FLANGE	---
27	G6	4' FROM BENT 26	11" x 9"	BOTTOM FLANGE	---
27	G6	10' FROM BENT 26	400" x 22"	BOTTOM FLANGE	---
27	G6	16' FROM BENT 26	8" x 7"	BOTTOM FLANGE	---
27	G11	21' FROM BENT 26	2 @ 12" x 7"	BOTTOM FLANGE	---
27	G11	34' FROM BENT 26	48" x 10"	BOTTOM FLANGE	---
27	G13	10' FROM BENT 26	12 @ 22" x 6"	BOTTOM FLANGE	---
27	G14	10' FROM BENT 26	13 @ 14" x 7"	BOTTOM FLANGE	---
27	G15	21' FROM BENT 26	7" x 7"	BOTTOM FLANGE	---

REPAIR QUANTITY TABLE

	SHOTCRETE	ESTIMATE		ACTUAL		
		AREA SF	VOLUME CF	AREA SF	DEPTH FT	VOLUME CF
SPAN 10	GIRDERS	68.72	9.36			
	DIAPHRAGMS	0.83	0.10			
	DECK	---	---			
SPAN 11	GIRDERS	68.36	9.32			
	DIAPHRAGMS	---	---			
	DECK	---	---			
SPAN 12	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	1.46	0.24			
SPAN 13	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	1.00	0.42			
SPAN 15	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	---	---			
SPAN 16	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	---	---			
SPAN 19	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	---	---			
SPAN 20	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	---	---			
SPAN 21	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	1.11	0.28			
SPAN 23	GIRDERS	---	---			
	DIAPHRAGMS	---	---			
	DECK	2.06	0.86			
SPAN 27	GIRDERS	97.63	12.20			
	DIAPHRAGMS	---	---			
	DECK	---	---			

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PROJECT NO. 15BPR.15
NEW HANOVER COUNTY
 STATION: _____

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GIRDER, DIAPHRAGM AND UNDERDECK REPAIRS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			5-39
2			4			TOTAL SHEETS 66

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