

GIRDER, DIAPHRAGM, & DECK REPAIR TABLES					
SPAN	MEMBER	LENGTH FROM BENT (FT)	REPAIR SIZE	LOCATION	BAY
266	G-1	@ BENT 265	0.6' X 0.8'	BOTTOM FLANGE	1
266	G-2	@ BENT 265	0.6' X 0.6'	BOTTOM FLANGE	1
266	G-2	@ BENT 266	0.6' X 0.8'	BOTTOM FLANGE	2
266	G-3	@ BENT 265	0.8' X 0.7'	BOTTOM FLANGE	3
266	G-3	@ BENT 266	0.8' X 0.3'	BOTTOM FLANGE	2
267	G-2	@ BENT 266	0.8' X 0.8'	BOTTOM FLANGE	2
268	G-2	@ BENT 267	1.8' X 0.3'	BOTTOM FLANGE	2
268	G-3	26' FROM BENT 267	4.3' X 0.4'	BOTTOM FLANGE	2
268	G-3	26' FROM BENT 267	2.5' X 0.5'	BOTTOM FLANGE	3
269	G-1	@ BENT 268	0.4' X 0.7'	BOTTOM FLANGE	LT EXT
269	G-2	@ BENT 269	0.4' X 0.7'	BOTTOM FLANGE	2
269	G-3	@ BENT 269	3.6' X 0.8'	BOTTOM FLANGE	3
271	DECK	@ BENT 270	2' X 1.7'	BOTTOM OF DECK	3
271	G-1	@ BENT 271	1.5' X 1.3'	BOTTOM FLANGE & WEB	LT EXT
271	G-1	@ BENT 271	0.7' X 0.7'	WEB	1
271	G-2	@ BENT 270	0.7' X 0.7'	BOTTOM FLANGE	1
272	END DIA.	@ BENT 272	1.3' X 1.5'	DIAPHRAGM	LT EXT
272	G-1	@ BENT 271	0.8' X 0.6'	BOTTOM FLANGE	LT EXT
272	G-1	@ BENT 272	0.8' X 0.6'	BOTTOM FLANGE	1
272	G-1	@ BENT 272	0.7' X 0.7'	WEB	1
272	G-3	@ BENT 271	0.8' X 0.7'	BOTTOM FLANGE	2
272	G-4	@ BENT 272	1.2' X 0.8'	BOTTOM FLANGE	3
273	G-1	@ BENT 272	0.7' X 0.6'	BOTTOM FLANGE	LT EXT
273	G-1	@ BENT 272	0.3' X 0.7'	WEB	LT EXT
273	G-1	@ BENT 272	0.8' X 0.8'	BOTTOM FLANGE	1
273	G-1	2' FROM BENT 272	1.2' X 1.2'	WEB	1
273	G-2	1' FROM BENT 272	1.1' X 1'	WEB	2
273	G-2	2' FROM BENT 273	1' X 0.8'	WEB	2
273	G-3	@ BENT 273	1.1' X 1.4'	WEB	2
273	G-4	@ BENT 273	0.5' X 0.7'	WEB	3
274	DECK	10' FROM BENT 273	1.8' X 0.8'	BOTTOM OF DECK	1
274	G-1	@ BENT 273	0.8' X 0.8'	WEB	LT EXT
274	G-1	@ BENT 274	2.2' X 1.2'	BOTTOM FLANGE	LT EXT
274	G-1	@ BENT 274	2' X 0.3'	BOTTOM FLANGE	1
274	G-2	2' FROM BENT 273	2.2' X 1.2'	WEB	1
274	G-3	@ BENT 274	6' X 1'	BOTTOM FLANGE	2
274	G-3	@ BENT 274	1.9' X 1'	BOTTOM FLANGE	2
274	G-3	@ BENT 274	1.8' X 1'	BOTTOM FLANGE	2
274	G-4	@ BENT 274	2' X 0.8'	BOTTOM FLANGE	3
274	G-4	@ BENT 274	1' X 0.8'	BOTTOM FLANGE	RT EXT
274	G-4	4' FROM BENT 273	0.3' X 1.2'	WEB	3

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

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

REPAIR QUANTITY TABLE					
SPAN	SHOTCRETE	QUANTITIES			
		ESTIMATE		ACTUAL	
		AREA SF	VOLUME CF	AREA SF	DEPTH FT
SPAN 266	GIRDERS	2.12	0.88		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 267	GIRDERS	0.64	0.27		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 268	GIRDERS	3.51	1.46		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 269	GIRDERS	3.44	1.43		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 270	GIRDERS	0.00	0.00		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 271	GIRDERS	2.93	1.22		
	DIAPHRAGMS	0.00	0.00		
	DECK	3.40	1.42		
SPAN 272	GIRDERS	2.97	1.24		
	DIAPHRAGMS	1.95	0.81		
	DECK	0.00	0.00		
SPAN 273	GIRDERS	6.50	2.71		
	DIAPHRAGMS	0.00	0.00		
	DECK	0.00	0.00		
SPAN 274	GIRDERS	18.98	7.91		
	DIAPHRAGMS	0.00	0.00		
	DECK	1.44	0.60		

PROJECT NO. B-5936
TYRRELL COUNTY
BRIDGE NO. 7

SHEET 21 OF 22

DocuSigned by:
Timothy M. Shepell
AD50B1D977494CC...

8/10/2016



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GIRDER, DIAPHRAGM & UNDERDECK REPAIRS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-36
1			3			
2			4			TOTAL SHEETS 394

DRAWN BY : M.ALEE DATE : 6/2016
CHECKED BY : T.SHERRILL DATE : 6/2016
DESIGN ENGINEER OF RECORD: T.SHERRILL DATE : 6/2016