

GIRDER, DIAPHRAGM, & DECK REPAIR TABLES					
SPAN	MEMBER	LENGTH FROM BENT (FT)	REPAIR SIZE	LOCATION	BAY
252	END DIA.	@ BENT 252	1' X 1'	DIAPHRAGM	3
252	G-1	@ BENT 251	1.5' X 1.5'	END OF GIRDER	LT EXT
252	G-1	@ BENT 252	1' X 1'	END OF GIRDER	LT EXT
252	G-1	4' FROM BENT 251	0.4' X 0.4'	WEB	1
252	G-2	@ BENT 251	1' X 1.5'	BOTTOM FLANGE	RT EXT
252	G-3	@ BENT 251	1.5' X 1'	BOTTOM FLANGE	2
253	G-1	@ BENT 253	1' X 0.8'	BOTTOM FLANGE	1
255	G-1	@ BENT 254	2' X 0.8'	BOTTOM FLANGE	1
255	G-2	@ BENT 255	0.7' X 0.8'	BOTTOM FLANGE	2
255	G-3	@ BENT 254	0.9' X 0.3'	BOTTOM FLANGE	2
255	G-4	@ BENT 255	0.6' X 0.7'	WEB	
255	G-4	3' FROM BENT 256	0.4' X 0.4'	WEB	3
257	G-1	@ BENT 257	0.5' X 0.6'	BOTTOM FLANGE	1
257	G-3	@ BENT 257	0.5' X 0.8'	BOTTOM FLANGE	LT EXT
257	G-4	@ BENT 256	1.7' X 0.3'	BOTTOM FLANGE	3
257	G-4	3' FROM BENT 256	1.3' X 0.3'	BOTTOM FLANGE	3
258	G-2	@ BENT 258	0.3' X 1.3'	BOTTOM FLANGE & WEB	1
258	G-3	1' FROM BENT 258	0.5' X 0.4'	WEB	3
258	G-4	@ BENT 258	0.6' X 0.6'	BOTTOM FLANGE	3
259	G-1	@ BENT 259	0.4' X 0.7'	BOTTOM FLANGE	
259	G-3	@ BENT 259	0.5' X 0.7'	BOTTOM FLANGE	2
259	G-3	@ BENT 259	1.3' X 1'	BOTTOM FLANGE	3
259	G-4	@ BENT 259	0.6' X 0.7'	BOTTOM FLANGE	3
260	G-1	@ BENT 259	0.5' X 0.7'	BOTTOM FLANGE	1
260	G-1	@ BENT 260	0.6' X 0.6'	BOTTOM FLANGE	1
260	G-2	@ BENT 260	1' X 0.8'	BOTTOM FLANGE	1
261	G-3	@ BENT 261	0.6' X 0.7'	BOTTOM FLANGE	3
261	G-4	@ BENT 261	0.8' X 0.8'	BOTTOM FLANGE	3
264	G-2	@ BENT 264	0.4' X 0.6'	BOTTOM FLANGE	1
264	G-4	@ BENT 264	1.1' X 0.3'	BOTTOM FLANGE	3
265	G-1	@ BENT 265	0.8' X 0.8'	BOTTOM FLANGE	1
265	G-2	@ BENT 265	0.7' X 0.7'	BOTTOM FLANGE	1
265	G-2	@ BENT 265	1.2' X 0.8'	BOTTOM FLANGE	2
265	G-3	@ BENT 264	1' X 1.5'	BOTTOM FLANGE	2
265	G-3	@ BENT 265	0.3' X 0.5'	BOTTOM FLANGE	2
265	G-3	@ BENT 265	0.8' X 1.5'	BOTTOM FLANGE	2
265	G-3	@ BENT 265	0.6' X 0.6'	BOTTOM FLANGE	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

	SHOTCRETE	QUANTITIES				
		ESTIMATE		ACTUAL		
		AREA SF	VOLUME CF	AREA SF	DEPTH FT	VOLUME CF
SPAN 252	GIRDERS	6.41	2.67			
	DIAPHRAGMS	1.00	0.42			
	DECK	0.00	0.00			
SPAN 253	GIRDERS	0.80	0.33			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 254	GIRDERS	0.00	0.00			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 255	GIRDERS	3.01	1.25			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 256	GIRDERS	0.00	0.00			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 257	GIRDERS	1.60	0.67			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 258	GIRDERS	0.95	0.40			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 259	GIRDERS	2.35	0.98			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 260	GIRDERS	1.51	0.63			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 261	GIRDERS	1.06	0.44			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 262	GIRDERS	0.00	0.00			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 263	GIRDERS	0.00	0.00			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 264	GIRDERS	0.57	0.24			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 265	GIRDERS	5.30	2.21			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			

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

SHEET 20 OF 22

DocuSigned by:
Timothy M. Sherrill
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-35
1			3			TOTAL SHEETS
2			4			394

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