

GIRDER, DIAPHRAGM, & DECK REPAIR TABLES					
SPAN	MEMBER	LENGTH FROM BENT (FT)	REPAIR SIZE	LOCATION	BAY
126	G-1	@ BENT 125	0.7' X 0.7'	BOTTOM FLANGE	RT EXT
127	G-1	@ BENT 126	0.7' X 1'	BOTTOM FLANGE	
127	G-2	3' FROM BENT 127	0.3' X 0.3'	WEB	1
127	G-2	@ BENT 126	0.7' X 1.5'	BOTTOM FLANGE	1
127	G-3	@ BENT 126	0.7' X 0.8'	BOTTOM FLANGE	2
127	G-4	@ BENT 126	0.8' X 0.8'	BOTTOM FLANGE	3
127	G-4	@ BENT 127	0.8' X 1'	BOTTOM FLANGE	3
127	G-4	@ BENT 127	1' X 1'	BOTTOM FLANGE	2
127	G-4	@ BENT 127	0.7' X 1.5'	BOTTOM FLANGE	3
127	G-4	@ BENT 127	1' X 0.8'	BOTTOM FLANGE	3
127	G-4	@ BENT 127	2.5' X 0.6'	BOTTOM FLANGE	2
127	G-4	@ BENT 127	1.5' X 0.6'	BOTTOM FLANGE	1
127	G-4	@ BENT 127	1.5' X 0.6'	BOTTOM FLANGE	1
127	G-4	@ BENT 127	0.6' X 1.5'	BOTTOM FLANGE	RT EXT
127	G-4	@ BENT 127	1' X 1'	BOTTOM FLANGE	
128	END DIA.	@ BENT 128	1.5' X 0.7'	DIAPHRAGM	RT EXT
128	G-1	@ BENT 128	0.5' X 0.3'	WEB	
128	G-2	@ BENT 128	0.7' X 0.6'	BOTTOM FLANGE	2
128	G-2	@ BENT 128	0.7' X 1'	BOTTOM FLANGE	1
128	G-3	3' FROM BENT 128	0.5' X 0.5'	WEB	2
128	G-3	@ BENT 128	0.7' X 0.7'	BOTTOM FLANGE	3
128	G-4	@ BENT 128	1.5' X 0.8'	BOTTOM FLANGE	3
129	G-2	@ BENT 129	1' X 1'	BOTTOM FLANGE & WEB	1
129	G-3	@ BENT 128	0.7' X 0.8'	BOTTOM FLANGE	3
129	G-3	@ BENT 129	1' X 1.5'	BOTTOM FLANGE	2
129	G-4	@ BENT 128	0.7' X 0.6'	BOTTOM FLANGE	LT EXT
129	G-4	@ BENT 129	0.5' X 0.8'	BOTTOM FLANGE	
130	END DIA.	@ BENT 129	0.7' X 1.5'	DIAPHRAGM	1
130	END DIA.	@ BENT 130	3.5' X 0.5'	DIAPHRAGM	2
130	END DIA.	@ BENT 130	1' X 0.8'	DIAPHRAGM	1
130	END DIA.	@ BENT 131	4' X 1'	DIAPHRAGM	1
130	G-1	@ BENT 131	1' X 0.8'	BOTTOM FLANGE	1
130	G-2	@ BENT 129	0.6' X 1'	BOTTOM FLANGE	2
130	G-2	@ BENT 129	1' X 1.5'	BOTTOM FLANGE	1
130	G-2	@ BENT 131	0.8' X 0.8'	BOTTOM FLANGE	1
130	G-2	@ BENT 131	0.5' X 0.6'	BOTTOM FLANGE	2
130	G-3	@ BENT 129	0.3' X 3'	BOTTOM FLANGE	2
130	G-3	@ BENT 131	0.6' X 0.8'	BOTTOM FLANGE	2
130	G-3	@ BENT 131	1' X 0.8'	BOTTOM FLANGE	3
130	G-4	@ BENT 129	0.3' X 1'	BOTTOM FLANGE	3
130	G-4	@ BENT 130	1' X 0.8'	BOTTOM FLANGE	3
132	G-1	@ BENT 132	1.5' X 0.8'	BOTTOM FLANGE	1
132	G-3	@ BENT 131	0.5' X 0.8'	BOTTOM FLANGE	3
133	END DIA.	@ BENT 132	2.5' X 0.7'	DIAPHRAGM	2
133	G-1	5' FROM BENT 132	4' X 0.5'	BOTTOM FLANGE	1
133	G-2	@ BENT 132	0.7' X 0.8'	BOTTOM FLANGE	1
133	G-3	3' FROM BENT 133	0.5' X 0.5'	WEB	RT EXT
134	END DIA.	@ BENT 133	1' X 0.7'	DIAPHRAGM	
134	END DIA.	@ BENT 133	1' X 1.5'	DIAPHRAGM	2
134	END DIA.	@ BENT 133	0.5' X 2'	DIAPHRAGM	2

GIRDER, DIAPHRAGM, & DECK REPAIR TABLES					
SPAN	MEMBER	LENGTH FROM BENT (FT)	REPAIR SIZE	LOCATION	BAY
134	END DIA.	@ BENT 134	2' X 0.7'	DIAPHRAGM	1
134	G-1	@ BENT 133	0.5' X 0.7'	BOTTOM FLANGE	LT EXT
134	G-3	2.5' FROM BENT 134	0.5' X 0.5'	WEB	2
134	G-3	3' FROM BENT 134	0.5' X 0.5'	WEB	3
134	G-3	@ BENT 134	0.8' X 0.7'	BOTTOM FLANGE	3
135	END DIA.	@ BENT 135	3' X 0.7'	DIAPHRAGM	3
135	G-2	@ BENT 135	1' X 0.8'	BOTTOM FLANGE	1
135	G-3	@ BENT 135	0.7' X 0.8'	BOTTOM FLANGE	2
136	G-1	3' FROM BENT 135	1' X 0.5'	WEB	1
136	G-1	@ BENT 135	0.8' X 0.8'	BOTTOM FLANGE	1
136	G-2	@ BENT 135	0.8' X 0.8'	BOTTOM FLANGE	2
136	G-3	1' FROM BENT 136	1' X 4'	BOTTOM FLANGE	2
136	G-3	@ BENT 136	1' X 1.5'	BOTTOM FLANGE	2
136	G-4	3' FROM BENT 136	0.5' X 0.5'	WEB	3
136	G-4	@ BENT 136	1' X 0.8'	BOTTOM FLANGE	3
137	G-1	@ BENT 136	0.8' X 0.8'	BOTTOM FLANGE	1
137	G-2	@ BENT 136	1' X 0.7'	BOTTOM FLANGE	1
137	G-4	@ BENT 137	0.5' X 0.6'	BOTTOM FLANGE	3
138	END DIA.	@ BENT 138	0.5' X 1.5'	DIAPHRAGM	1
138	END DIA.	@ BENT 138	2.5' X 1'	DIAPHRAGM	2
138	END DIA.	@ BENT 138	0.5' X 1.5'	DIAPHRAGM	2
138	G-1	@ BENT 137	0.3' X 0.7'	BOTTOM FLANGE	1
138	G-1	@ BENT 138	1' X 0.7'	BOTTOM FLANGE	1
138	G-3	@ BENT 137	0.7' X 0.7'	BOTTOM FLANGE	2
138	G-3	@ BENT 138	0.7' X 0.7'	BOTTOM FLANGE	2
139	G-1	@ BENT 139	0.5' X 0.6'	BOTTOM FLANGE	LT EXT
139	G-2	@ BENT 139	0.5' X 0.6'	BOTTOM FLANGE	1
139	G-2	@ BENT 139	1.3' X 1.2'	BOTTOM FLANGE	2

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 126	GIRDERS	0.49	0.20			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 127	GIRDERS	11.89	4.95			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 128	GIRDERS	3.21	1.34			
	DIAPHRAGMS	1.05	0.44			
	DECK	0.00	0.00			
SPAN 129	GIRDERS	3.88	1.62			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 130	GIRDERS	7.12	2.97			
	DIAPHRAGMS	7.60	3.17			
	DECK	0.00	0.00			
SPAN 131	GIRDERS	0.00	0.00			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 132	GIRDERS	1.60	0.67			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 133	GIRDERS	2.81	1.17			
	DIAPHRAGMS	1.75	0.73			
	DECK	0.00	0.00			
SPAN 134	GIRDERS	1.41	0.59			
	DIAPHRAGMS	4.60	1.92			
	DECK	0.00	0.00			
SPAN 135	GIRDERS	1.36	0.57			
	DIAPHRAGMS	2.10	0.88			
	DECK	0.00	0.00			
SPAN 136	GIRDERS	8.33	3.47			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 137	GIRDERS	1.64	0.68			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			
SPAN 138	GIRDERS	1.89	0.79			
	DIAPHRAGMS	4.00	1.67			
	DECK	0.00	0.00			
SPAN 139	GIRDERS	2.16	0.90			
	DIAPHRAGMS	0.00	0.00			
	DECK	0.00	0.00			

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

SHEET 11 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-26
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