

GIRDER, DIAPHRAGM, & DECK REPAIR TABLES						
SPAN	MEMBER	LENGTH FROM BENT (FT)	APPROX. REPAIR SIZE	ACTUAL REPAIR SIZE	LOCATION	BAY
115A	END DIA.	@ BENT 114	1.5' X 1.1'		DIAPHRAGM	LT EXT
115A	END DIA.	@ BENT 114	0.5' X 0.5'		DIAPHRAGM	1
115A	END DIA.	@ BENT 114	2.8' X 0.5'		DIAPHRAGM	1
115A	END DIA.	@ BENT 114	2.5' X 0.5'		DIAPHRAGM	2
115A	END DIA.	@ BENT 114	0.8' X 0.4'		DIAPHRAGM	2
115A	END DIA.	@ BENT 114	3' X 1'		DIAPHRAGM	3
115A	G-1	@ REST PIER 2	1.7' X 0.7'		* BOTTOM FLANGE	1
115A	G-1	@ BENT 115	0.5' X 0.5'		* BOTTOM FLANGE	1
115A	G-2	@ REST PIER 2	1.3' X .7'		* BOTTOM FLANGE	2
115A	G-2	@ REST PIER 2	1.7' X 0.7'		* BOTTOM FLANGE	3
115A	G-2	@ REST PIER 1	1' X 0.8'		* BOTTOM FLANGE	1
115A	G-2	@ BENT 114	0.7' X 0.7'		WEB	1
115A	G-3	@ REST PIER 2	2.4' X 1.3'		* BOTTOM FLANGE	2
115A	G-3	2' FROM BENT 114	0.3' X 0.3'		WEB	3
115A	G-4	@ REST PIER 1	0.3' X 0.3'		WEB	3
115A	G-4	16' FROM BENT 115	4' X 0.3'		* BOTTOM FLANGE	3
115A	G-4	8' FROM BENT 115	3' X 0.3'		* BOTTOM FLANGE	3
115B	END DIA.	@ REST PIER 2	1' X 4'		DIAPHRAGM	2
115B	G-2	@ REST PIER 1	0.8' X 0.8'		* BOTTOM FLANGE	2
115B	G-2	@ REST PIER 1	1.4' X 0.8'		* BOTTOM FLANGE	3
115B	G-3	@ REST PIER 1	1.4' X 0.8'		* BOTTOM FLANGE	3

REPAIR QUANTITY TABLE						
SPAN 115A & 115B	REPAIR TYPE	QUANTITIES				
		ESTIMATE		ACTUAL		
		AREA SF	VOLUME CF	AREA SF	DEPTH FT	VOLUME CF
SHOTCRETE	GIRDERS	0.67	0.20			
	DIAPHRAGMS	13.52	6.76			
	DECK	0.00	0.00			
	EPOXY MORTAR	AREA SF	VOLUME CF	AREA SF	DEPTH FT	VOLUME CF
GIRDERS	12.44	3.63				

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

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY MORTAR REPAIRS, SEE SPECIAL PROVISIONS.

CONTRACTOR MAY ELECT TO USE EPOXY MORTAR IN LIEU OF SHOTCRETE.

\* ALL REPAIRS IN GIRDER FLANGE OR INCLUDING GIRDER FLANGE IN REPAIR SHALL BE EPOXY MORTAR.

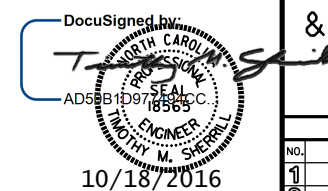
PROJECT NO. B-5936  
TYRRELL COUNTY  
BRIDGE NO. 7

SHEET 11 OF 22

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.A.LEE DATE : 6/2016  
CHECKED BY : T.SHERRILL DATE : 6/2016  
DESIGN ENGINEER OF RECORD: T.SHERRILL DATE : 6/2016