

SPAN C

PLAN OF SPAN
(UNDERSIDE)

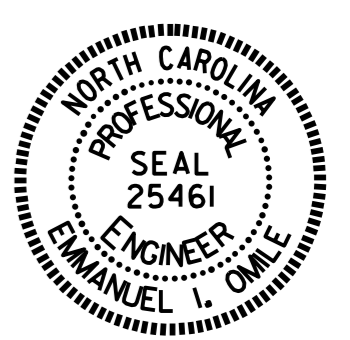
SPAN D

- SHOTCRETE REPAIR (SCR)
- ERI EPOXY RESIN INJECTION
- STEEL PLATING REPAIR
- FLANGE REPAIR
- STIFFNER REPAIR

NOTES:
REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.
FOR GIRDER REPAIR DETAILS, SEE "STRUCTURAL STEEL REPAIR DETAILS," SHEET ON S-11.
THE LOCATIONS AND DIMENSIONS OF THE AREAS FOR STEEL GIRDER REPAIR ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR, IN CONJUNCTION WITH THE ENGINEER, SHALL VERIFY THE LOCATION AND EXTENTS OF REPAIR AREAS PRIOR TO STEEL FABRICATION.
FOR DECK, OVERHANG AND EDGE BEAM SHOTCRETE REPAIR DETAILS, SEE SHEET S-9.
REPAIR CONCRETE EDGE BEAM AS DIRECTED BY THE ENGINEER.

REPAIR QUANTITY TABLE								
UNDERSIDE OF DECK REPAIRS								
SHOTCRETE REPAIRS	SPAN C				SPAN D			
	ESTIMATE		ACTUAL		ESTIMATE		ACTUAL	
	AREA SF	VOLUME CF	AREA SF	VOLUME CF	AREA SF	VOLUME CF	AREA SF	VOLUME CF
UNDERSIDE OF DECK & OVERHANGS	0.0	0.0			0.0	0.0		
EDGE BEAMS	1.0	0.3			9.8	2.5		
EPOXY RESIN INJECTION								
UNDERSIDE EPOXY RESIN INJECTION	ESTIMATE		ACTUAL		ESTIMATE		ACTUAL	
	1.0 LF				1.0 LF			
STEEL PLATE GIRDER REPAIRS								
	SPAN C				SPAN D			
	ESTIMATE		ACTUAL		ESTIMATE		ACTUAL	
	LBS.		LBS.		LBS.		LBS.	
PLATING REPAIRS	100				0			
BOTTOM FLANGE REPAIRS	400				0			
STIFFNER REPAIRS	50				0			

VALUES IN CHARTS REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CLEAR TO SAWCUT. SEE REPAIR DETAILS.



Designed by: *Emanuel V. Omlie*
1/29/2016

PROJECT NO. I-5788
CUMBERLAND COUNTY
BRIDGE NO. 142

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE REPAIRS

SPANS C & D

REVISIONS						SHEET NO. S-10
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 72
2			4			

DRAWN BY : A. SORSENGINH DATE : 10/2015
CHECKED BY : S.B. WILLIAMS DATE : 10/2015