

AS BUILT REPAIR QUANTITY TABLE							
BENT 1 REPAIRS	QUANTITIES						
	ESTIMATE		ACTUAL				
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	DEPTH FT	VOLUME CF		
CAP (VERTICAL)	10.7	3.9					
CAP (HORIZONTAL)	26.3	11.8					
COLUMN	0.0	0.0					
CONCRETE REPAIRS	0.0	0.0					
EPOXY RESIN INJECTION		LENGTH LF	LENGTH LF				
CAP		0.0					
COLUMN		0.0					
EPOXY COATING		SQ. FT	SQ. FT				
TOP OF BENT CAP		466					

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.

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE BASED ON THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

FOR REPAIRS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

CLEAN AND REMOVE DEBRIS FROM THE TOP OF THE CAP AND APPLY EPOXY PROTECTIVE COATING. EPOXY COATING SHALL BE APPLIED TO THE TOP SURFACE OF THE CAP. THE CONTRACTOR SHALL NOT COAT THE AREA OF THE CAP BENEATH THE BEARING PADS. FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

CONCRETE REPAIRS TO THE BENT CAP MAY REQUIRE BRIDGE JACKING. FOR BRIDGE JACKING, SEE "JACKING DETAILS" SHEET.

WHEN COLUMN REPAIRS ARE INDICATED TO GROUND LINE, EXTEND REPAIR ONE (1) FOOT MIN. BELOW GROUND LINE.

SHOTCRETE REPAIR

- CONCRETE REPAIRS (FORM & POUR)

--- ERI - EPOXY RESIN INJECTION

PROJECT NO. I-5997

WAKE COUNTY

BRIDGE NO. 910242

SHEET 1 OF 2

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RALEIGH

BENT 1 SPAN ''A'' SIDE

PLANS PREPARED BY:

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Excellence Delivered As Promised
NC Lic. No. F-0270

Docusigned by:

Ein Bruk J. 11/22/2021

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REVISIONS

BY: DATE: NO. BY: DATE: S-11

TOTAL SHEETS

82

DESIGN ENGINEER OF RECORD: R. NELSON DATE: 09/2021