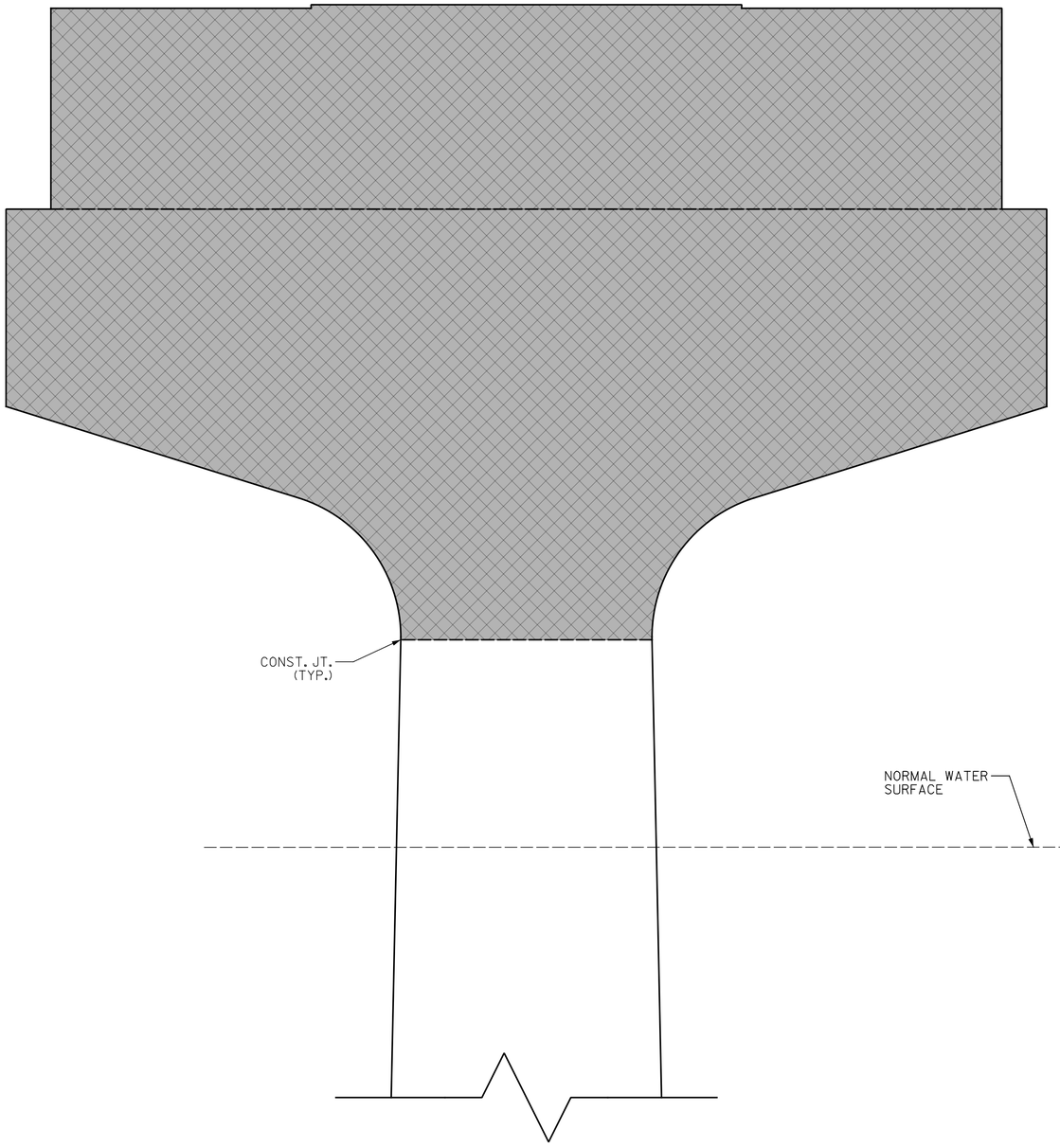
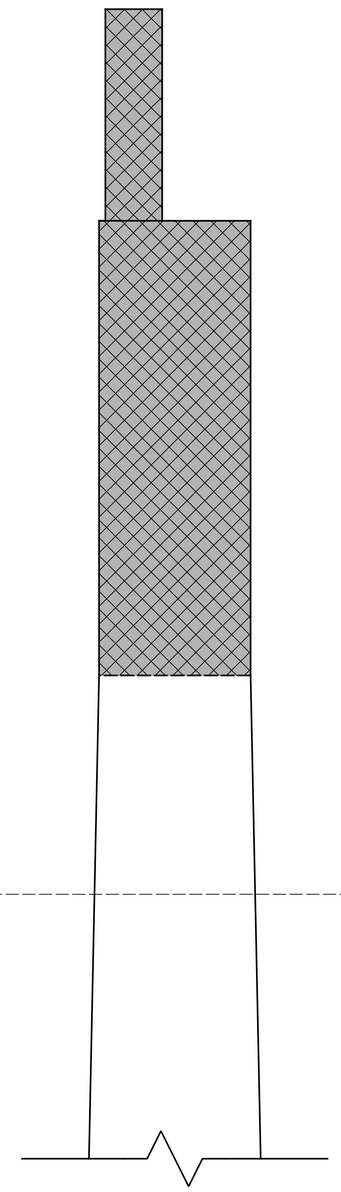


ELEVATION
(SPAN "E" FACE)



END VIEW
(RIGHT FACE)

AS-BUILT REPAIR QUANTITY TABLE

BENT 5 REPAIRS	QUANTITIES				
	ESTIMATE		ACTUAL		
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	DEPTH IN.	VOLUME CF
COLUMN	9.2	3.7			
EPOXY RESIN INJECTION		LENGTH LF	LENGTH LF		
COLUMN		0.0			

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM OF 2" CLEARANCE TO SAWCUT. FOR REPAIR DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

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 LOCATION AND DESCRIPTION OF THE REPAIRS AND ENTER THE ACTUAL QUANTITIES INTO THE AS-BUILT REPAIR QUANTITY TABLE.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

WHEN COLUMN REPAIRS ARE INDICATED TO GROUND LINE, EXTEND REPAIR MININUM OF 1' BELOW GROUND LINE.

FOR PROPOSED BENT CAP REPLACEMENT DETAILS, SEE SUBSTRUCTURE BENT SHEETS.

- SHOTCRETE REPAIR

ERI - EPOXY RESIN INJECTION

- DEMOLITION (SEE "CAP DEMOLITION DETAILS" SHEET)

PROJECT NO. B-4626
STANLY, ROWAN AND DAVIDSON COUNTY
STATION: 45+22.65 -EBL-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE REPAIR
BENT 5
SPAN "E" FACE

NORTH CAROLINA PROFESSIONAL SEAL 020208 ENGINEER ERIC B. NELSON JR.

DocuSigned by: Eric B Nelson Jr 9/2/2021
ACB8082119074CD...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-84
1			3			TOTAL SHEETS
2			4			125

PLANS PREPARED BY:
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(919) 420-7660
NC Lic. No. F-0270

DRAWN BY :	T. HARTLEY/J MYA	DATE :	03/2021
CHECKED BY :	J. YANNACCONE	DATE :	05/2021
DESIGN ENGINEER OF RECORD:	R. NELSON	DATE :	05/2021

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