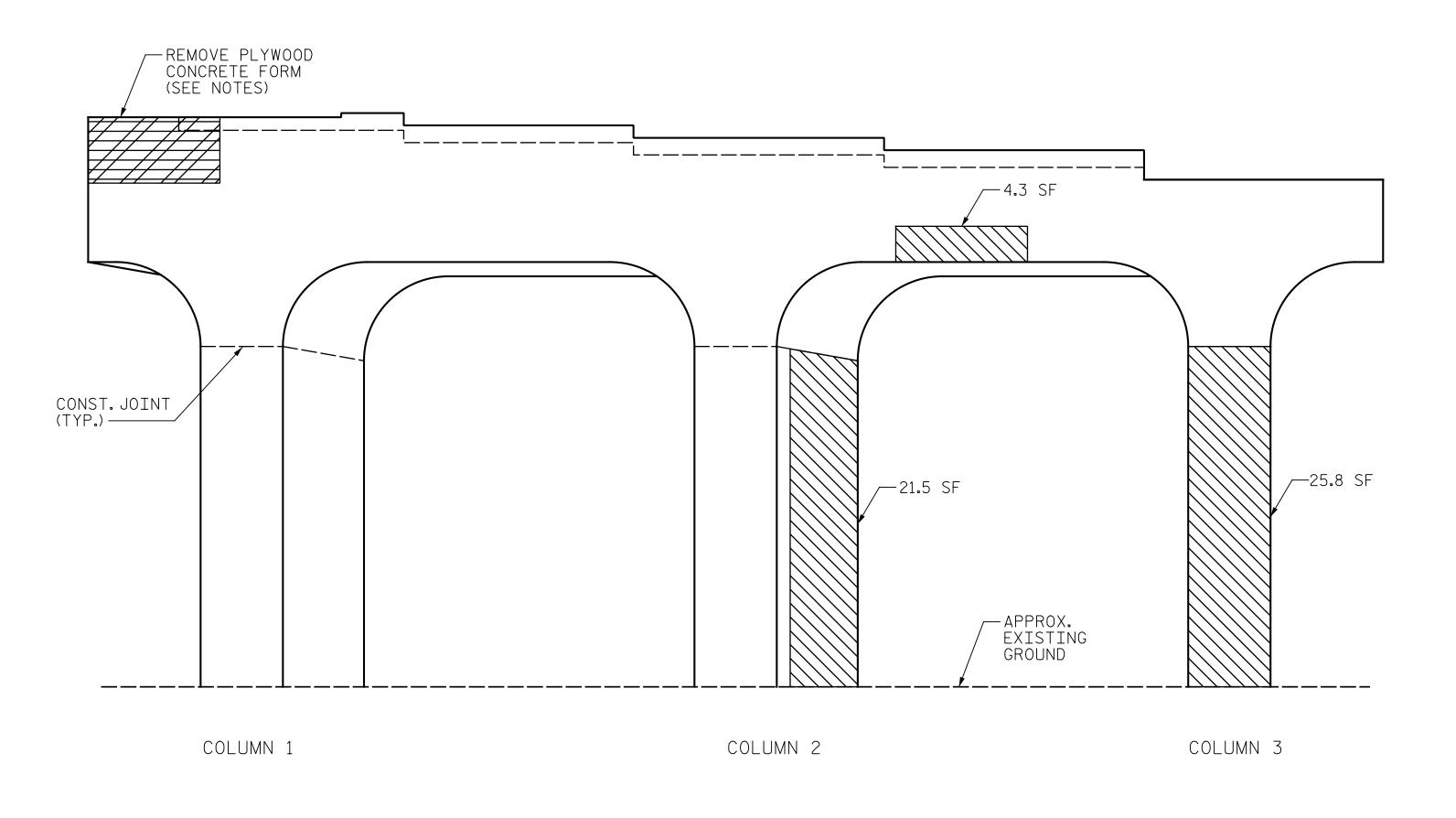


SPAN B

SPAN A

TOP OF CAP



ELEVATION

END VIEW COLUMN 3

AS-BUILT REPAIR QUANTITY TABLE QUANTITIES BENT 1 REPAIRS ESTIMATE ACTUAL AREA DEPTH VOLUME AREA VOLUME SHOTCRETE REPAIRS FΤ CAP 6.8 3.4 COLUMN 137.8 68.9 CONCRETE REPAIRS 0.0 LENGTH LENGTH EPOXY RESIN INJECTION 0.0 COLUMN 2.0 SQ. SQ. EPOXY COATING FΤ

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.

90

NOTES:

TOP OF BENT CAP

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.

CONTRACTOR SHALL SAW CUT TO A MINIMUM DEPTH OF 1/2" BUT REINFORCING STEEL SHALL NOT BE DAMAGED. CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAW CUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL.

CONTRACTOR SHALL SAW CUT THE REPAIR AREAS SO THAT THE CORNERS ARE SQUARE AS INDICATED ON THE DETAILS.

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 MASONRY PLATES. FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

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

THE CONTRACTOR SHALL TAKE CARE TO REMOVE THE PLYWOOD CONCRETE FORM WITHOUT DAMAGING THE CONCRETE BENT CAP. PAYMENT FOR THIS WORK IS INCIDENTAL TO THE OTHER PAY ITEMS.

SHOTCRETE REPAIR



CONCRETE REPAIR (FORM & POUR)

ERI - EPOXY RESIN INJECTION

PROJECT NO. I-5955 GUILFORD _ COUNTY 400285 BRIDGE NO. ___

SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

BENT 1 SPAN A SIDE

GANNETT

Suite 900
Raleigh, NC 27603
919-420-7660
NC Lic. No. F-0270

- CONST. JOINT

-22**.**5 SF

EXISTING GROUND

							_
ONSIDERED S ALL OMPLETED	REVISIONS						SHEET NO
	NO.	BY:	DATE:	NO.	BY:	DATE:	S1-7
	1			3			TOTAL SHEETS
	2			4			127

J. HARRIS _ DATE : <u>10/2022</u> DRAWN BY _ DATE : <u>10/2022</u> J. YANNACCONE CHECKED BY : .