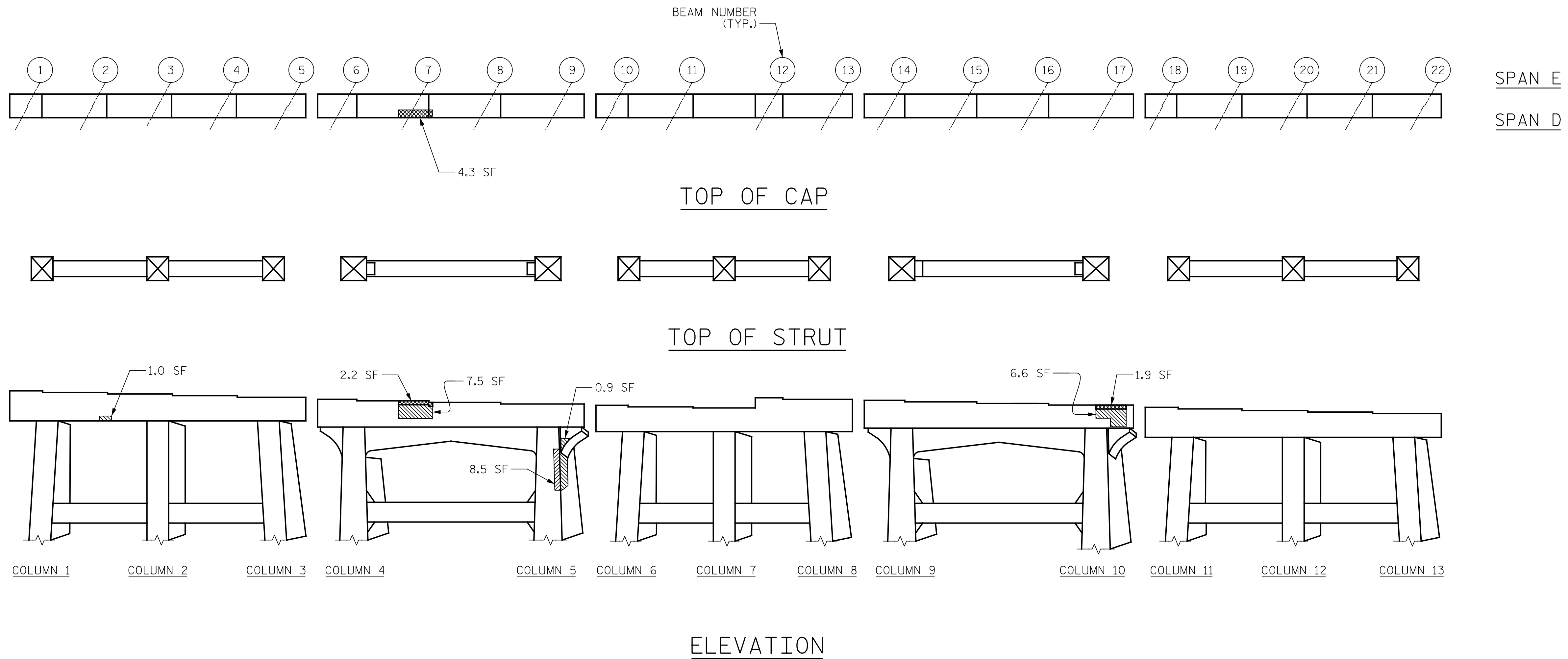


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| AS BUILT REPAIR QUANTITY TABLE | | | | | |
|--------------------------------|------------|-----------|-----------|----------|-----------|
| BENT 4 REPAIRS | QUANTITIES | | | | |
| | ESTIMATE | | ACTUAL | | |
| SHOTCRETE REPAIRS | AREA SF | VOLUME CF | AREA SF | DEPTH FT | VOLUME CF |
| CAP (VERTICAL) | 15.1 | 5.8 | | | |
| CAP (HORIZONTAL) | 1.7 | 0.7 | | | |
| COLUMN | 12.2 | 5.7 | | | |
| CONCRETE REPAIRS | 8.4 | 3.2 | | | |
| EPOXY RESIN INJECTION | LENGTH LF | | LENGTH LF | | |
| CAP | 0.0 | | | | |
| COLUMN | 0.0 | | | | |
| EPOXY COATING | SQ. FT | | SQ. FT | | |
| TOP OF BENT CAP | 514 | | | | |

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.

- SHOTCRETE REPAIR
- CONCRETE REPAIR (FORM & POUR)
- ERI - EPOXY RESIN INJECTION

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 MASONRY PLATES. 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.

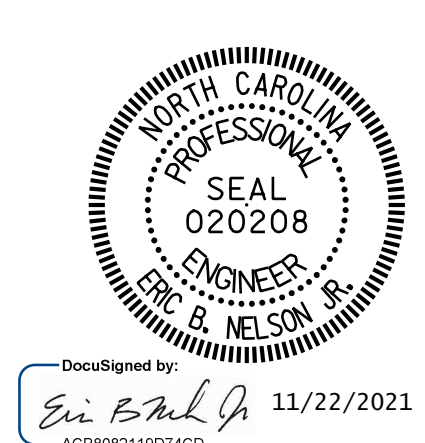
PROJECT NO. I-5997
WAKE COUNTY
 BRIDGE NO. 910263 &
910264

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BENT 4
SPAN "D" SIDE

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-50 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 82 |



DocuSigned by:
Eric B. Nelson
11/22/2021

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : J. MYA/E. TODD DATE : 08/2021
 CHECKED BY : DATE : 09/2021
 DESIGN ENGINEER OF RECORD: R. NELSON DATE : 09/2021