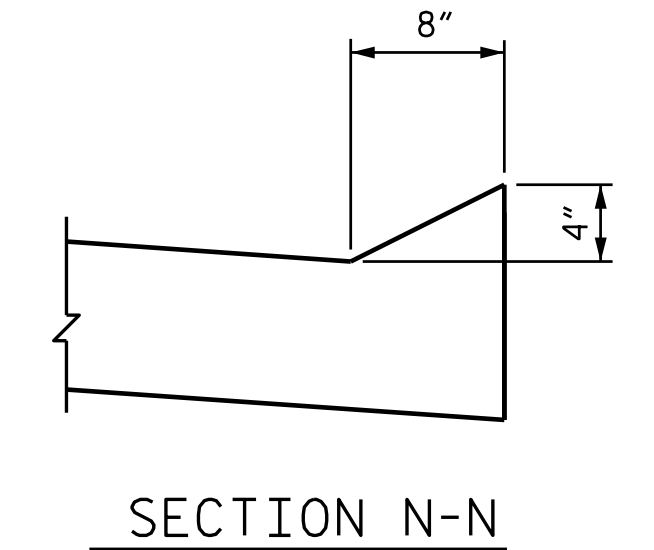
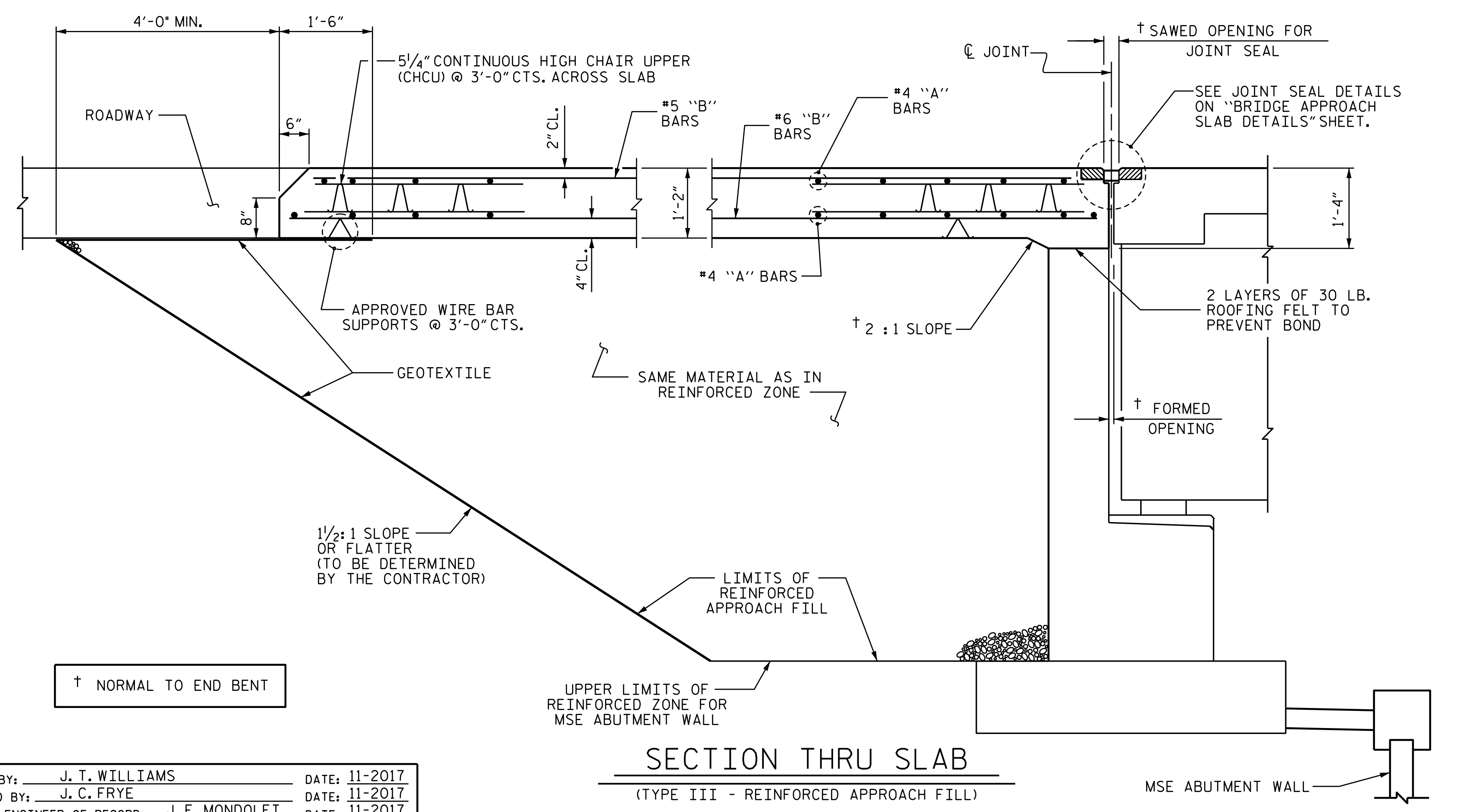


DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



SECTION THRU SLAB
(TYPE III - REINFORCED APPROACH FILL)

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT AND BACKFILL MATERIAL SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

BACKFILL MATERIAL SHALL BE THE SAME MATERIAL USED IN THE MSE REINFORCED ZONE.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE BARRIER RAIL.

WITH FOAM JOINT SEAL

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2".

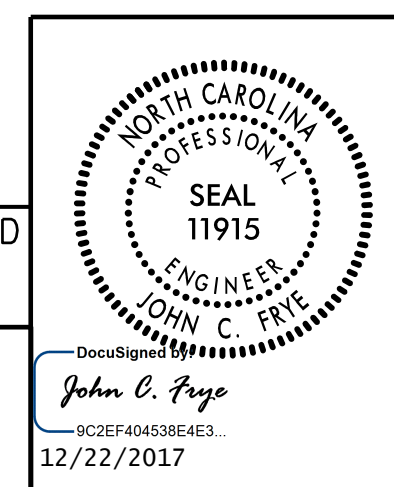
FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

| BILL OF MATERIAL | | | | | |
|---------------------------------|-----|------|------|---------|------------|
| APPROACH SLAB AT EB #1 | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| *A1 | 50 | #4 | STR | 26'-4" | 880 |
| A2 | 52 | #4 | STR | 26'-3" | 912 |
| *B1 | 100 | #5 | STR | 23'-9" | 2477 |
| B2 | 100 | #6 | STR | 24'-7" | 3692 |
| REINFORCING STEEL | | | | | LBS. 4,604 |
| *EPOXY COATED REINFORCING STEEL | | | | | LBS. 3,357 |
| CLASS AA CONCRETE | | | | | C. Y. 54.8 |
| APPROACH SLAB AT EB #2 | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| *A3 | 50 | #4 | STR | 26'-1" | 871 |
| A4 | 52 | #4 | STR | 25'-11" | 900 |
| *B1 | 100 | #5 | STR | 23'-9" | 2477 |
| B2 | 100 | #6 | STR | 24'-7" | 3692 |
| REINFORCING STEEL | | | | | LBS. 4,592 |
| *EPOXY COATED REINFORCING STEEL | | | | | LBS. 3,348 |
| CLASS AA CONCRETE | | | | | C. Y. 54.8 |

| SPLICE LENGTHS | | |
|----------------|--------------|----------|
| BAR SIZE | EPOXY COATED | UNCOATED |
| #4 | 2'-0" | 1'-9" |

PROJECT NO. U-2525C
GUILFORD COUNTY
STATION: 17+37.28 -Y16-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
BRIDGE APPROACH SLAB
(FOR FLEXIBLE PAVEMENT)



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
MOTT MACDONALD
PO Box 700
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www.mottmac.com
LICENSE NO. F-0669

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S1-28 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 29 |

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DRAWN BY: J. T. WILLIAMS DATE: 11-2017
 CHECKED BY: J. C. FRYE DATE: 11-2017
 DESIGN ENGINEER OF RECORD: J. E. MONDOLFI DATE: 11-2017