NOTES

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

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, IMPERMEABLE GEOMEMBRANE. 4" Ø DRAINAGE PIPE. #78M STONE. AND SELECT MATERIAL. SEE ROADWAY PLANS.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

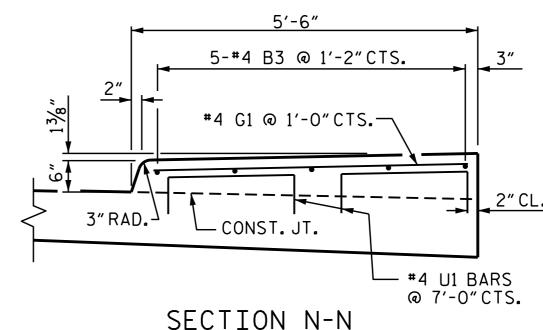
THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE SIDEWALK.

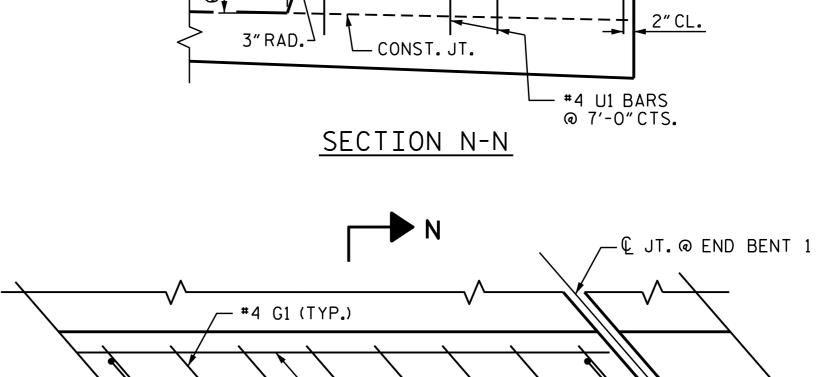
WITH FOAM JOINT SEAL

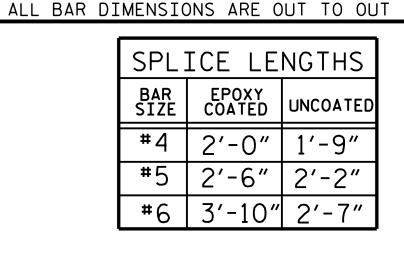
FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE $3\frac{1}{16}$ " AT END BENT 2.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.







BAR TYPES

2'-6"

BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D)

BAR NO. SIZE TYPE LENGTH WEIGHT

#4 | STR | 24'-6"

24'-6"

6'-7"

4'-0"

LBS.

C.Y.

C.Y.

1325

1366

2740

4085

82

110

21

5451

60.3

3.1

LBS. 4278

C. Y. 63.4

* A1 | 100 | #4 | STR | 19'-10"

A2 104 #4 STR 19'-8"

*B1 | 111 | #5 | STR | 23'-8"

*B3 5

* G1 | 25 |

TOTAL

*U1 8 | #4 |

* EPOXY COATED

REINFORCING STEEL

CLASS AA CONCRETE POUR #1 - SLAB

REINFORCING STEEL

POUR #2 - SIDEWALKS

#6 | STR |

#4 STR

* THESE BARS ARE TO BE PLACED AFTER THE SAWING OF THE JOINT. THE HOLES SHALL BE DRILLED AND THE DOWELS GROUTED INTO PLACE.

* #4 U1 BARS 1"EXP.JT. — MATERIAL -#4 B3 BARS FILL FACE-25-#4 G1 @ 1'-0"CTS. 4 PAIRS-#4 U1 @ 7'-0"CTS.

PLAN

SIDEWALK DETAILS

END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION.

PROJECT NO. U-2524D GUILFORD COUNTY STATION: 25+18.62 -Y6-

SHEET 1 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

SEAL 16301 ACINES!

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	REVISIONS						SHEET N
_	NO.	BY:	DATE:	NO.	BY:	DATE:	S1-31
וע	1			3			TOTAL SHEETS

DESIGN ENGINEER P.K.NEWTON DATE: 5/12/16 REV. 5/1/06RR KMM/GM REV. 10/1/11 MAA/GM DRAWN BY: EEM 3/95 CHECKED BY : VAP 3/95 REV. 12/21/11 MAA/GM

C. YOKELEY

T.H.FANG

ASSEMBLED BY :

CHECKED BY:

ROADWAY —

APPROVED WIRE BAR — SUPPORTS @ 3'-0" CTS.

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SAWED OPENING FOR

JOINT SEAL

— SEE JOINT SEAL

2 LAYERS OF | -30 LB.ROOFING FELT TO PREVENT

SEE INTEGRAL END BENT SHEETS FOR DETAILS

-IMPERMEABLE GEOMEMBRANE

BOND

- #78M STONE

1"FORMED OPENING

"BRIDGE APPROACH

SLAB DETAILS" SHEET.

DETAILS ON

€ JOINT—

— #4 A1 BARS

[†]2:1 SLOPE —

4" Ø CORRUGATED-PERFORATED DRAINAGE PIPE

SEE PLAN OF APPROACH

SLABS, SHEET 2 OF 3.

51/4" CONTINUOUS HIGH CHAIR UPPER (CHCU)

— #5 B1 BARS

-LIMITS OF REINFORCED BRIDGE APPROACH FILL

FABRIC WALL (ROADWAY PAY ITEM, SEE NOTES) —

#6 B2 BARS

#6 B2

BARS

GEOTEXTILE —

(TYP.)

SECTION THRU SLAB

REINFORCED BRIDGE APPROACH FILL IS REQUIRED AT END BENT 1 AND 2 FOR SOIL NAIL WALL.FOR BRIDGE APPROACH FILL FOR MSE WALL (ALTERNATIVE), SEE MSE WALL SPECIAL PROVISIONS.

#4 A2 BARS

@ 3'-0"CTS. ACROSS SLAB

س#4 A1 BARS ال

#4 A2 BARS —

SELECT MATERIAL

† NORMAL TO END BENT

DATE : 5/21/14

DATE: 5/3/16

STD. NO. BAS2 (SHT 2b)