

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND SELECT MATERIAL BACKFILL, SEE ROADWAY PLANS.

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

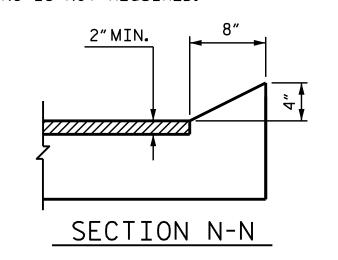
SELECT MATERIAL BACKFILL (CLASS V OR CLASS VI) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

SELECT MATERIAL BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

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.

APPROACH SLAB GROOVING IS NOT REQUIRED.



<b>∗</b> B1	59	<b>#</b> 5	STR	11'-1"
B2	59	#6	STR	11'-7"
REINFORCING STEEL				LBS
* EPOXY COATED REINFORCING STEEL				LBS

CLASS AA CONCRETE

\* A1

BILL OF MATERIAL

APPROACH SLAB AT EB #1

BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT

APPROACH SLAB AT EB #2

682

1027

1278

251

1027

1278

LBS.

LBS.

C. Y.

LBS.

LBS.

C.Y.

-EARTH DITCH BLOCK

- FILL SLOPE

13 | #4 | STR | 28'-10"

A2 | 13 | #4 | STR | 28'-10"

\*B1 | 59 | #5 | STR | 11'-1"

REINFORCING STEEL

REINFORCING STEEL

CLASS AA CONCRETE

\* EPOXY COATED

B2 | 59 | #6 | STR | 11'-7"

BAR | NO. | SIZE | TYPE | LENGTH

\* A1 | 13 | #4 | STR | 28'-10"

A2 | 13 | #4 | STR | 28'-10"

## CURB DETAILS

CLASS "B"STONE — FOR EROSION CONTROL \_\_\_\_\_ \_\_\_\_\_\_ TEMP. SLOPE DRAIN 4'-0" '-0"MIN. FUTURE SHOULDER **S←** EARTH DITCH TOE OF FILL BLOCK · CLASS "B"STONE — FOR EROSION CONTROL **APPROACH** SLAB SECTION R-R — 3"EROSION RESISTANT MATERIAL OVER PIPE 12" MIN. -END OF EROSION RESISTANT MATERIAL APPROACH 1'-6" MIN. NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 2" DEPTH, 2) EROSION CONTROL

4'-0" MIN. SECTION S-S

## PLAN VIEW

MAT, OR 3) CONCRETE, AS DIRECTED BY THE ENGINEER.

THE SLOPE DRAIN SHALL CONSIST OF A NON-PERFORATED TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.

## TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

CARO

MGINE ES

CAP FLOW LINE ONLY WITH EROSION RESISTANT MATERIAL BACKFILL EXCAVATION HOLE AND GRADE TO DRAIN IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE

THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE

TEMPORARY DRAINAGE DETAIL

EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

SPLICE LENGTHS EPOXY UNCOATED 2'-0" 2'-6" | 2'-2" #6 | 3'-10" | 2'-7"

BR-0108 PROJECT NO.\_ WILKES COUNTY 18+28.00 -L-

> STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB UNIT (SUB-REGIONAL TIER)

SHEET NO. REVISIONS NO. BY: S-14 BY: DATE: DATE: 5/18/2021 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS

-GEOTEXTILE —

3'-0"

4"Ø PERFORATED

PVC PIPE

SCHEDULE 40

SECTION THRU SLAB

J.M. KEPICH DATE : 03/21 CHECKED BY : \_\_\_L.M. SAMPLES DATE : 04/21 DESIGN ENGINEER OF RECORD : J.M. KEPICH DATE : 05/21

<sup>†</sup> NORMAL TO END BENT

(TYPE II - MODIFIED APPROACH FILL)

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