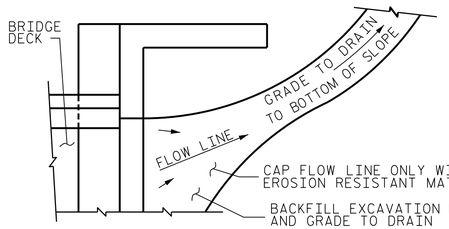
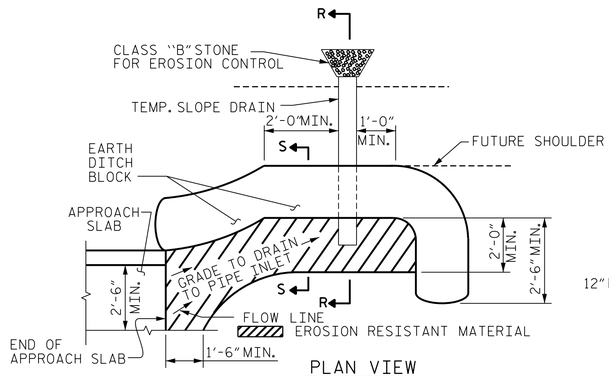


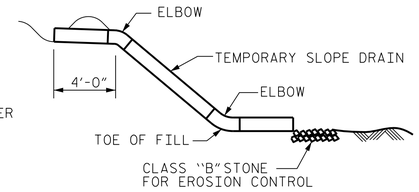

NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

## TEMPORARY DRAINAGE DETAIL

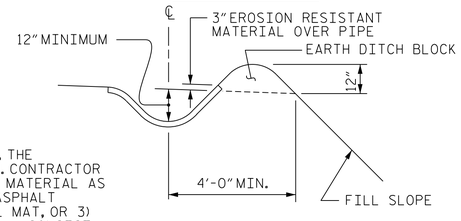



PLAN VIEW

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 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.




SECTION R-R




SECTION S-S

# TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

## BILL OF MATERIAL

### APPROACH SLAB AT END BENT 1

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| ✳A1 | 17 | #4 | STR | 39'-5" | 448 |
| A2 | 18 | #4 | STR | 39'-5" | 474 |
| | | | | | |
| ✳B1 | 60 | #5 | STR | 15'-3" | 955 |
| B2 | 60 | #6 | STR | 16'-5" | 1480 |
| ✳B3 | 6 | #5 | STR | 9'-3" | 58 |
| B4 | 6 | #6 | STR | 9'-7" | 87 |
| | | | | | |
| REINFORCING STEEL | | | | LBS. | 2,041 |
| ✳EPOXY COATED REINFORCING STEEL | | | | LBS. | 1,461 |
| CLASS AA CONCRETE | | | | C.Y. | 29.4 |

### APPROACH SLAB AT END BENT 2

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| ✳A1 | 17 | #4 | STR | 38'-3" | 435 |
| A2 | 18 | #4 | STR | 38'-3" | 460 |
| | | | | | |
| ✳B1 | 61 | #5 | STR | 15'-3" | 971 |
| B2 | 61 | #6 | STR | 16'-5" | 1505 |
| | | | | | |
| REINFORCING STEEL | | | | LBS. | 1,965 |
| ✳EPOXY COATED REINFORCING STEEL | | | | LBS. | 1,406 |
| CLASS AA CONCRETE | | | | C.Y. | 28.6 |

PROJECT NO. B-3186/B-5898

HAYWOOD COUNTY

STATION: 68+65.75± -L_RT-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

# BRIDGE APPROACH SLAB DETAILS

| REVISIONS | | | | | | SHEET NO. S03R-49 |
|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS 61 |
| 1 | -- | -- | 3 | -- | -- | |
| 2 | -- | -- | 4 | -- | -- | |

NORTH CAROLINA PROFESSIONAL SEAL 043854 ENGINEER ERIC M. NOLTING

Eric Nolting 1/25/2022

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N.C.B.E.L.S. License Number: F-0116

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| | | | |
|---|---|---|---|
| DES BY: | F. CORDOVA | DATE : | 07/21 |
| DES CHK: | G. MYERS | DATE : | 07/21 |
| DWG BY: | M. SELLS | DATE : | 07/21 |
| CHK BY: | G. MYERS | DATE : | 07/21 |

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.pltPENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
USER: PPETERSO DATE: 1/24/2022 TIME: 2:45:49 PM
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