* A1 | 38 |

BILL OF MATERIAL

APPROACH SLAB AT

END BENT 1

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

A2 40 #4 STR 25'-9"

#8 | STR |

#8 | STR |

*B1 | 73 | #6 | STR |

REINFORCING STEEL

CLASS AA CONCRETE

REINFORCING STEEL

CLASS AA CONCRETE

REINFORCING STEEL

* EPOXY COATED

REINFORCING STEEL

* EPOXY COATED

#5 | STR | 26'-2"

#6 | STR | 4'-6"

APPROACH SLAB AT

END BENT 2

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

*A3 | 46 | #5 | STR | 23'-9"

*B5 | 69 | #6 | STR | 11'-2"

B6 69 #8 STR 11'-8"

A4 | 48 | #4 | STR | 23'-4"

9'-2"

9'-8"

5′-0″

LBS.

LBS.

C. Y.

LBS.

LBS.

C.Y.

688

1005

1884

53

2625

2069

14.2

748

1157

2149

2897

2296

15.6

NOTES

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

SUBDRAIN FINE AGGREGATE IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL AND END BENT FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

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

THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF THE SLAB.

THE CONTRACTOR MAY USE 4"TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 6"COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 5"CLASS "A" CONCRETE BASE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 1'-0"BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 30 LB ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF THREE CURING DAYS.

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

WITH EVAZOTE JOINT SEAL

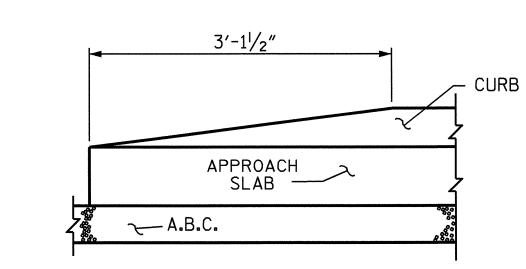
FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 2 $\frac{1}{2}$ ".

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

SECTION L-L

(FOR LOCATION OF SECTION ARROWS, SEE SHEET 2 OF 3)



END OF CURB WITHOUT SHOULDER BERM GUTTER

CURB DETAILS

PROJECT NO. B-3659 HAYWOOD _ COUNTY STATION: 14+42.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

₩.	SHEET NO.					
-	BY:	DATE:	NO.	BY:	DATE:	S-21
			3			TOTAL SHEETS
			4			23

STD. NO. BAS4

r— 4 ³ ⁄₄′′ H	IGH BEAM BOLSTER UPPER (BBU)@ 3'-0" CTS.ACROSS SLAB
	SEE JOINT SEAL DETAILS ON "BRIDGE APPROACH SLAB DETAILS" SHEET.
6"	
-#4	2 LAYERS OF 30 LB. ROOFING FELT TO PREVENT BOND
10'-0''	† 2:1 SLOPE † 1" FORMED OPENING
APPROVED WIRE BAR——/ SUPPORTS @ 3'-0" CTS.	SUBDRAIN FINE AGGREGATE 3" Ø PVC
† NORMAL TO END BENT	ONE CUBIC FOOT OF #78M STONE IN BAG OF POROUS FABRIC SECURELY TIED. USE AT EACH PIPE DRAIN. FOR LOCATION OF PIPE DRAINS, SEE END BENT DETAILS.
	SET SUBDRAIN FINE AGGREGATE AND BAGGED STONE AT THE BOTTOM OF PIPE DRAINS. † 1'-6"
ASSEMBLED BY: D.G.ELY DATE: 02/09/04 CHECKED BY: A.B.NAIK DATE: 03/29/04	SECTION THRU SLAB

DATE : 02/09/04 DATE : 03/29/04

REV. 10/17/00 RWW/LES REV. 7/10/01 LES/RDR REV. 5/7/03 RWW/JTE

ASSEMBLED BY : D. G. ELY CHECKED BY : A. B. NAIK

DRAWN BY: RH 5/99 CHECKED BY: RDR 5/99

FOR PLAN OF APPROACH SLAB

SEE SHEET 2 OF 3