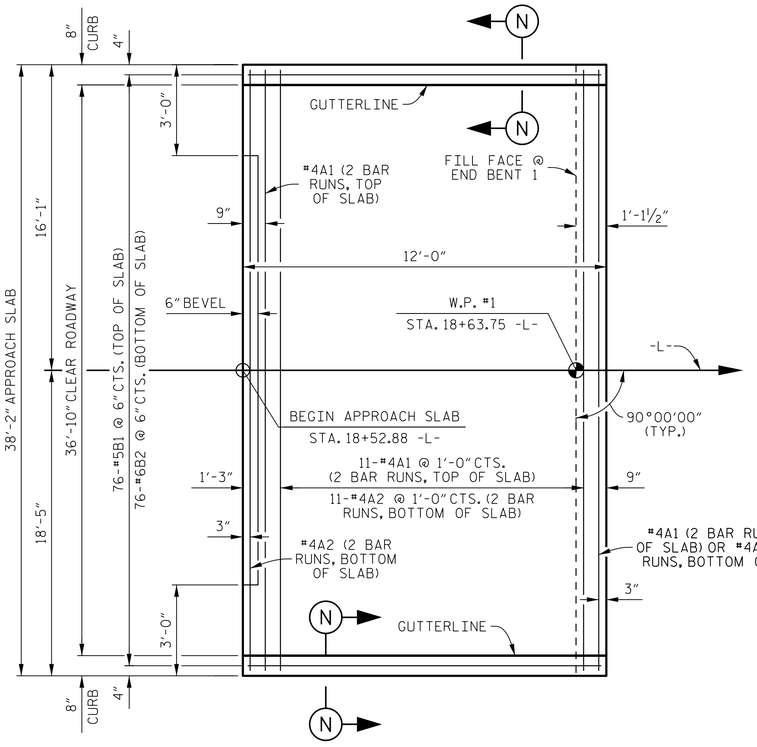
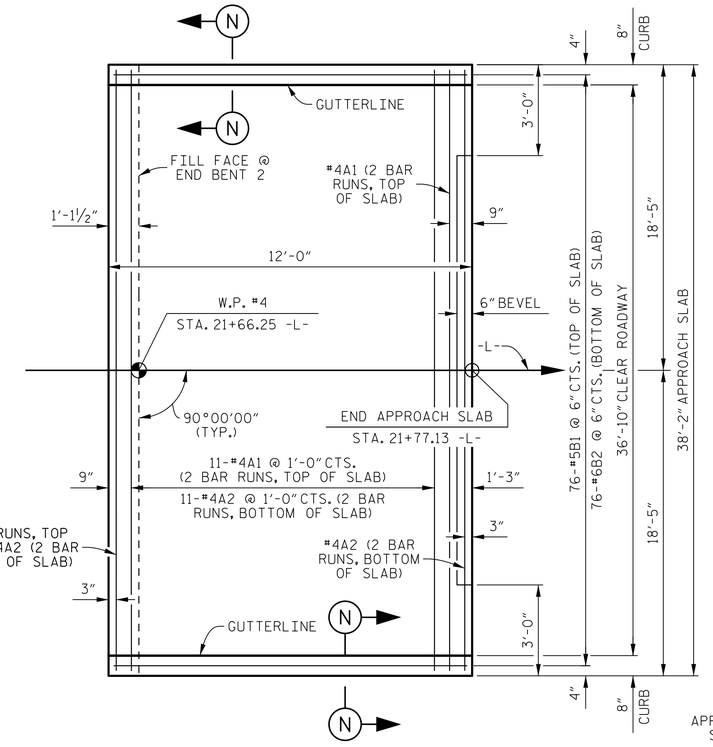
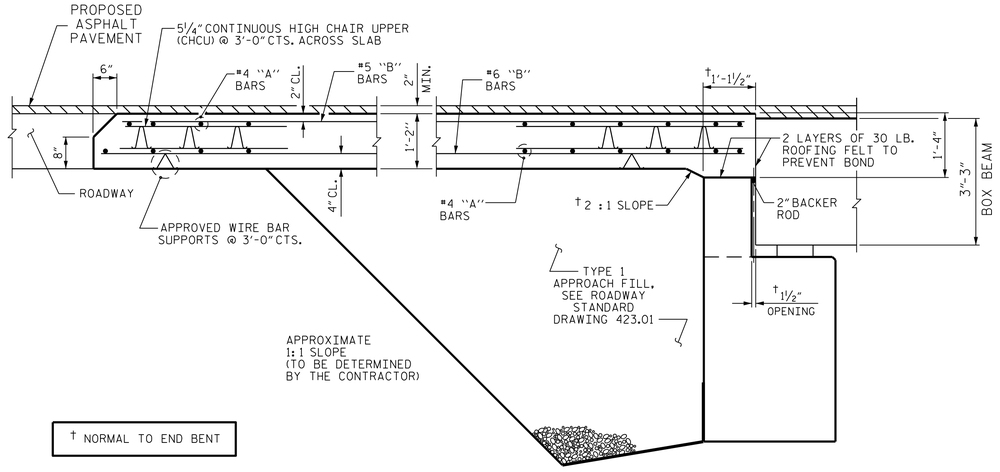


PLAN OF APPROACH SLAB AT END BENT 1



PLAN OF APPROACH SLAB AT END BENT 2



† NORMAL TO END BENT

SECTION THRU SLAB

(TYPE I - APPROACH FILL)

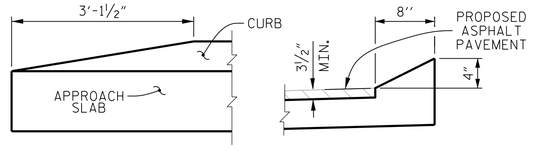
NOTES

FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.

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

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.

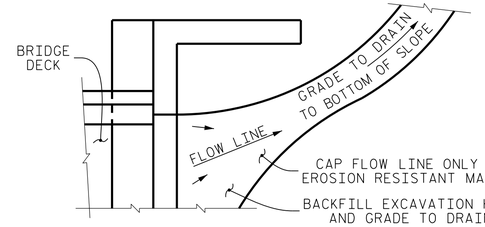
APPROACH SLAB GROOVING IS NOT REQUIRED.



END OF CURB WITHOUT SHOULDER BERM GUTTER

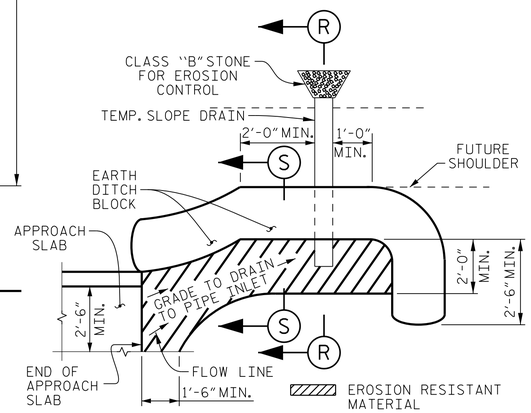
SECTION N–N

CURB DETAILS



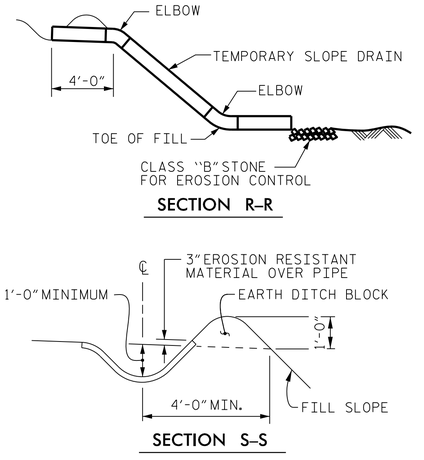
NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT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

TEMPORARY DRAINAGE DETAIL



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.

PLAN VIEW



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	13	#4	STR	37'-10"	329
A2	13	#4	STR	37'-10"	329
* B1	76	#5	STR	11'- 2"	885
B2	76	#6	STR	11'- 8"	1,332

REINFORCING STEEL 1,661 LBS.

* EPOXY COATED REINFORCING STEEL 1,214 LBS.

CLASS "AA" CONCRETE

POUR 1 SLAB AND CURBS 20.1 CU. YDS.

APPROACH SLAB AT END BENT 2

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
* A1	13	#4	STR	37'-10"	329
A2	13	#4	STR	37'-10"	329
* B1	76	#5	STR	11'- 2"	885
B2	76	#6	STR	11'- 8"	1,332

REINFORCING STEEL 1,661 LBS.

* EPOXY COATED REINFORCING STEEL 1,214 LBS.

CLASS "AA" CONCRETE

POUR 1 SLAB AND CURBS 20.1 CU. YDS.

PROJECT NO. BR–0063

ANSON COUNTY

STATION: 20+15.00 –L–

ASSEMBLED BY : K. E. LOFTON	DATE : 6-22
CHECKED BY : G. P. HOOVER	DATE : 9-23
DRAWN BY : MAA 11/11	REV. 12-17 MAA/THC
CHECKED BY : AAC 11/11	REV. 08-19 BNB/THC

DRAWN BY : K. E. LOFTON	DATE : 6-22
CHECKED BY : G. P. HOOVER	DATE : 9-23
ENGINEER OF RECORD: G. P. HOOVER	DATE : 9-23

PLANS PREPARED BY :
ARCADIS
175 REGENCY WOOD PLACE, SUITE 400
CARY, NORTH CAROLINA 27518
NC LICENSE No. 0486277
FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 046289 ENGINEER GINA R HOOVER
Signed by: Gina R Hoover
D899D787261D49A...
10/2/2024

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE BOX BEAM UNIT (SUB–REGIONAL TIER – 90° SKEW)

REVISIONS						SHEET No.
No.	BY:	DATE:	No.	BY:	DATE:	S–18
1			3			TOTAL SHEETS
2			4			19

STD. No. BAS_BB_39_90S

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