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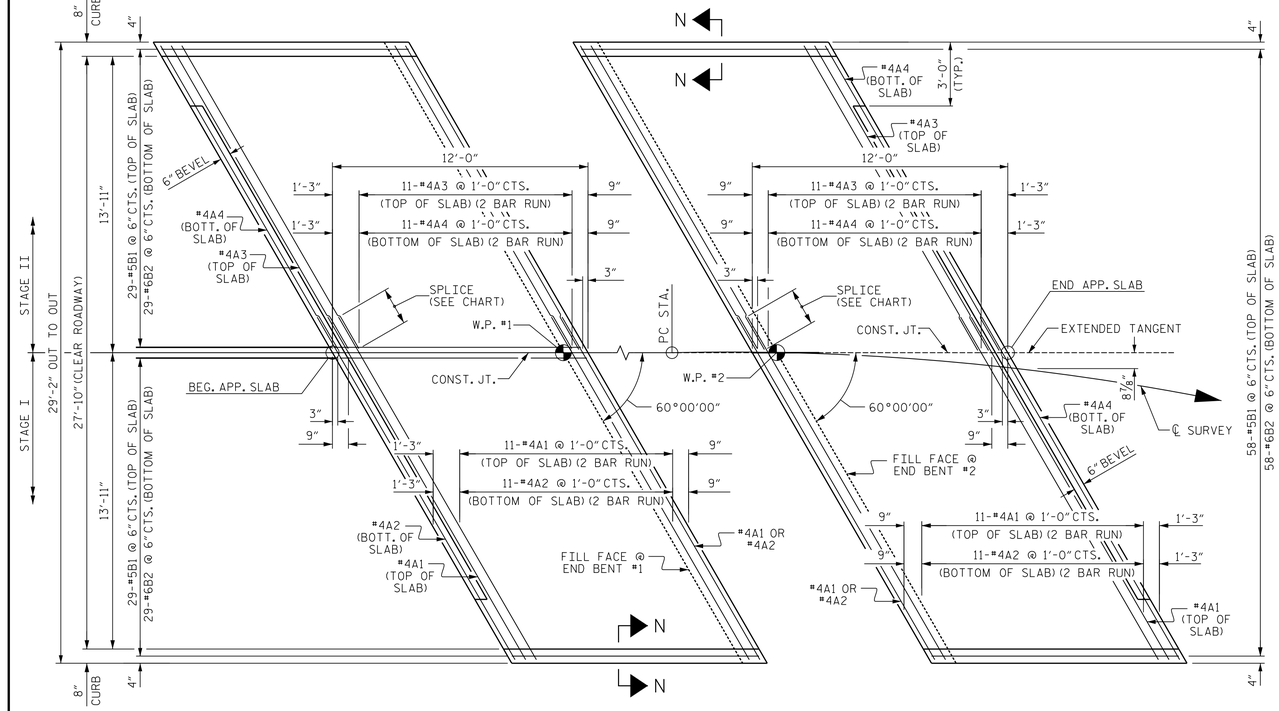
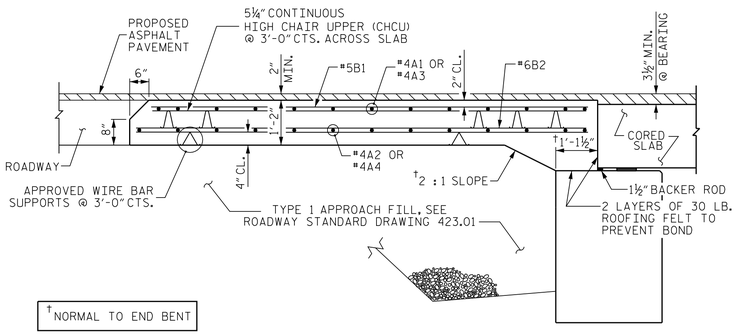


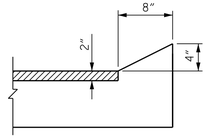
PLAN @ END BENT #1

PLAN @ END BENT #2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



SECTION THRU SLAB



SECTION N-N

CURB DETAILS

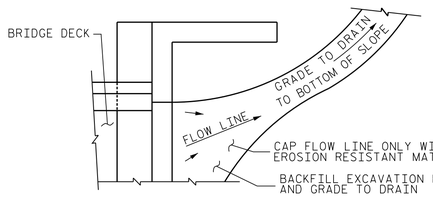
SPLICE LENGTHS		
BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

NOTES

FOR BRIDGE APPROACH FILL, SEE ROADWAY PLANS.

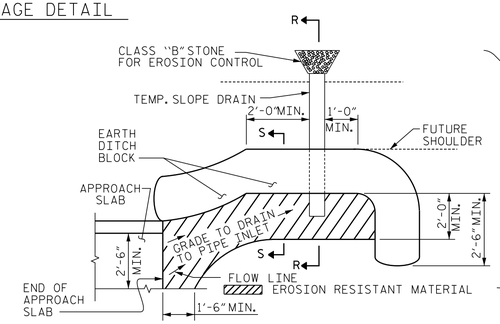
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.



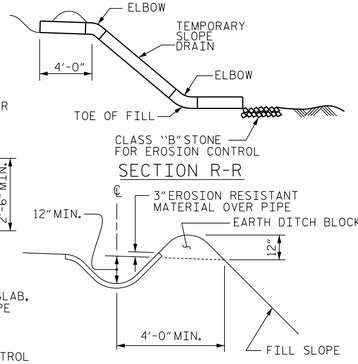
NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT 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 EB #1 STAGE I					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	13	#4	STR	18'-9"	163
A2	13	#4	STR	18'-7"	161
✳ B1	29	#5	STR	11'-1"	335
B2	29	#6	STR	11'-7"	505
REINFORCING STEEL			LBS.		666
✳ EPOXY COATED REINFORCING STEEL			LBS.		498
CLASS AA CONCRETE			C.Y.		9.0

BILL OF MATERIAL — APPROACH SLAB AT EB #1 STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A3	13	#4	STR	16'-6"	143
A4	13	#4	STR	16'-6"	143
✳ B1	29	#5	STR	11'-1"	335
B2	29	#6	STR	11'-7"	505
REINFORCING STEEL			LBS.		648
✳ EPOXY COATED REINFORCING STEEL			LBS.		478
CLASS AA CONCRETE			C.Y.		9.0

APPROACH SLAB AT EB #2 STAGE I					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	13	#4	STR	18'-9"	163
A2	13	#4	STR	18'-7"	161
✳ B1	29	#5	STR	11'-1"	335
B2	29	#6	STR	11'-7"	505
REINFORCING STEEL			LBS.		666
✳ EPOXY COATED REINFORCING STEEL			LBS.		498
CLASS AA CONCRETE			C.Y.		9.0

APPROACH SLAB AT EB #2 STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A3	13	#4	STR	16'-6"	143
A4	13	#4	STR	16'-6"	143
✳ B1	29	#5	STR	11'-1"	335
B2	29	#6	STR	11'-7"	505
REINFORCING STEEL			LBS.		648
✳ EPOXY COATED REINFORCING STEEL			LBS.		478
CLASS AA CONCRETE			C.Y.		9.0

PROJECT NO. B-6034

JACKSON COUNTY

STATION: 13+20.50 -L-

1/6/2026 | 6:49:00 AM PST

NORTH CAROLINA PROFESSIONAL SEAL 20777 ENGINEER HARDY L. WILLIS

DocuSigned by: HARDY WILLIS 7B0283B8B2C54B1...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC. 27609
License No: C-3097

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB UNIT (SUB-REGIONAL TIER) 60° SKEW

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-20

TOTAL SHEETS 20

STD. NO. BAS_30_60S

DWN. BY: WDC	DATE: 5/2025	DRAWN BY : SHS/MAA 5-09	REV. 08-19 BNB/THC
CHKD. BY: HLW	DATE: 5/2025	CHECKED BY : BCH 5-09	REV. 01-25 HRS
DES. EGR. OF RECORD: ACO	DATE: 1/2016		

wdcrutcher
DGN: I:\Jobs\Ie\transportation\36531-05 Jackson 65 - B-6034\Structures\Final Plans\Current Plans 2024\40_039_B6034_SMU_AS_S20.dgn
TIME: 1/6/2026