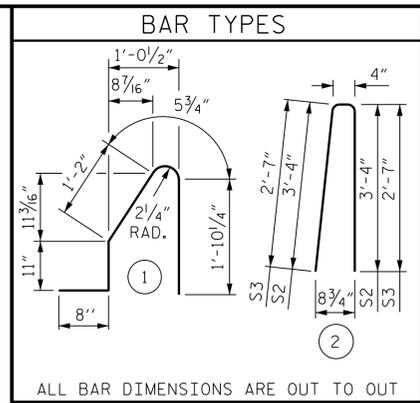


NOTES

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE BARRIER RAIL".

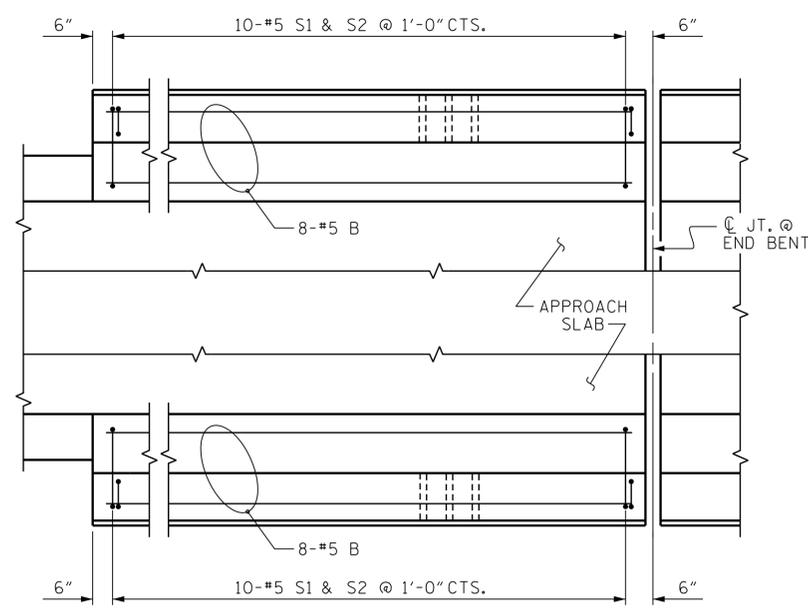
THE BARRIER RAIL ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

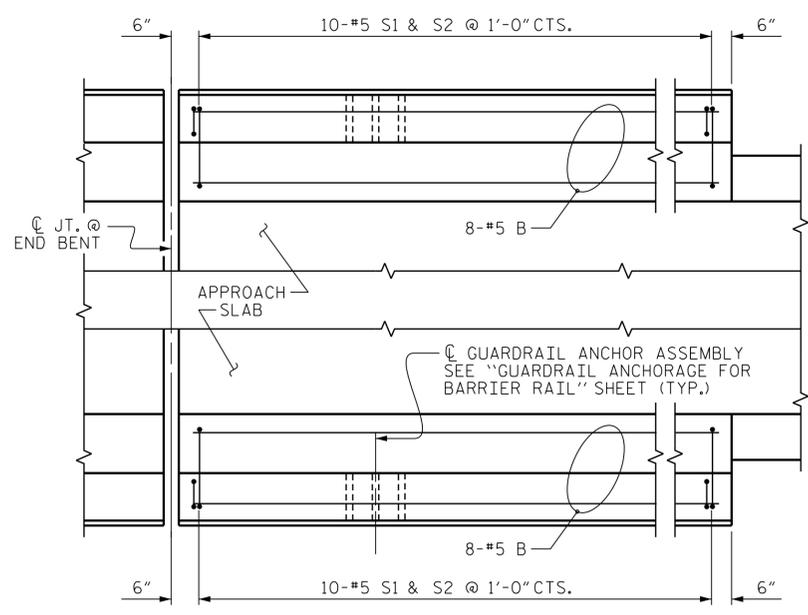


ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL					
BARRIER RAIL ONLY					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B8	44	#5	STR	9'-8"	444
*S1	40	#5	1	5'-1"	212
*S2	32	#5	2	7'-0"	234
*S3	8	#5	2	5'-6"	46
* EPOXY COATED REINFORCING STEEL				LBS.	936
CLASS AA CONCRETE				C. Y.	5.3
CONCRETE BARRIER RAIL				40.00 LIN. FT.	

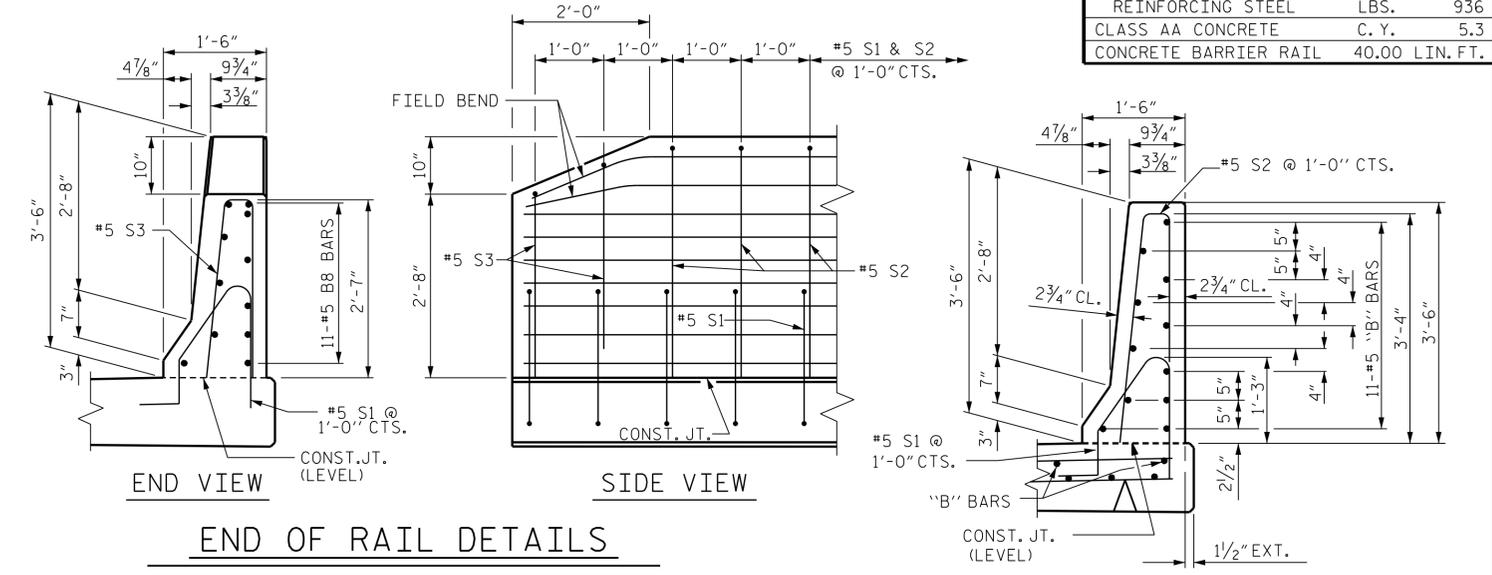


END BENT 1



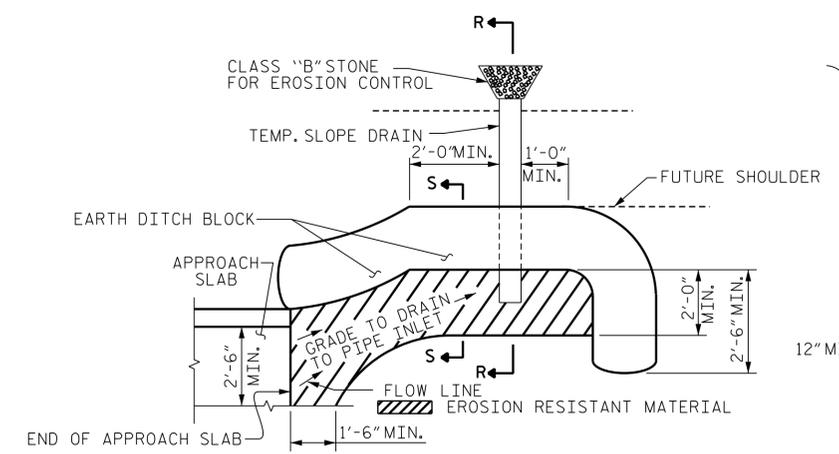
END BENT 2

PLAN OF BARRIER RAIL



END OF RAIL DETAILS

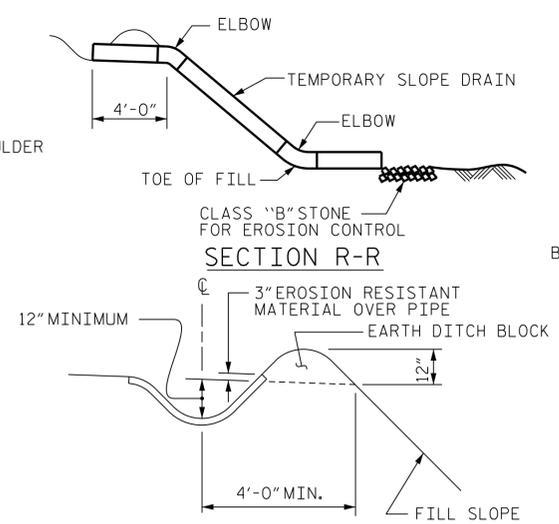
SECTION THRU RAIL



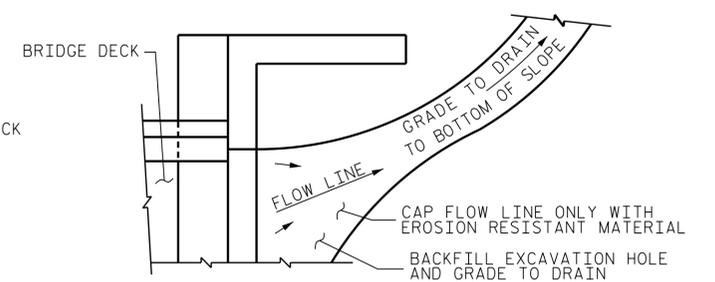
PLAN VIEW

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



SECTION S-S



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

G:\CKE Projects\CKE_R2514B Onslow Jones Co\Structures\Site 4\N-2514B_SD_04_AS_02.dgn
2/3/2015
G:\CKE Projects\CKE_R2514B Onslow Jones Co\Structures\Site 4\N-2514B_SD_04_AS_02.dgn
CKE_R2514B_PDF_full.plt

ASSEMBLED BY :	M. HOGAN	DATE :	11/13
CHECKED BY :	R. COFFMAN	DATE :	07/14
DESIGN ENGINEER OF RECORD :	P. HOLSHOUSER	DATE :	10/14
DRAWN BY :	FCJ 11/88	REV. 5/7/03	RWW/JTE
CHECKED BY :	ARB 11/88	REV. 5/1/06RRR	MAA/KMM
		REV. 10/1/11	MAA/GM

PROJECT NO. R-2514B
 ONSLOW/JONES COUNTY
 STATION: 173+54.56 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
 BRIDGE APPROACH
 SLAB DETAILS
 (LEFT LANE)

DocuSigned by:
 Paul R. Holshouser
 1C5F948FE044D... 2/3/2015

THE LOUIS BERGER GROUP, Inc.
 1001 Wade Avenue, Suite 400
 Raleigh, NC 27605-3322
 NC COA No. F-0840

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-75
1			3			TOTAL SHEETS
2			4			75