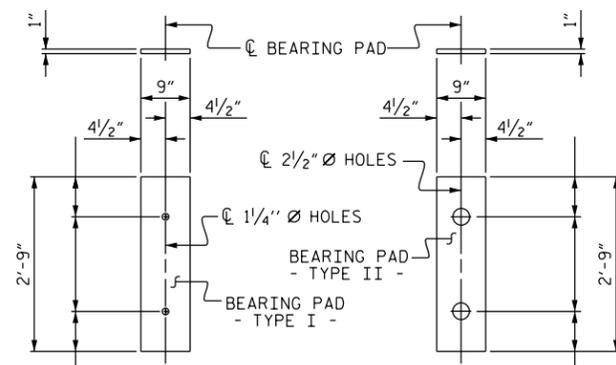


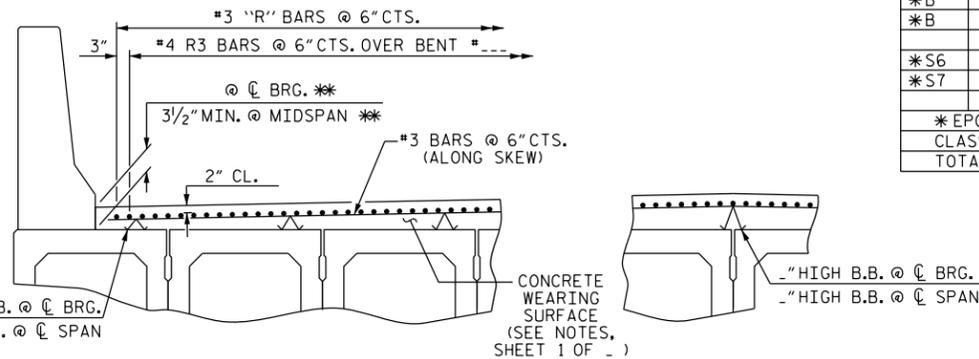
SECTION A-A



FIXED END (TYPE I - - REQ'D) EXPANSION END (TYPE II - - REQ'D)

ELASTOMERIC BEARING DETAILS

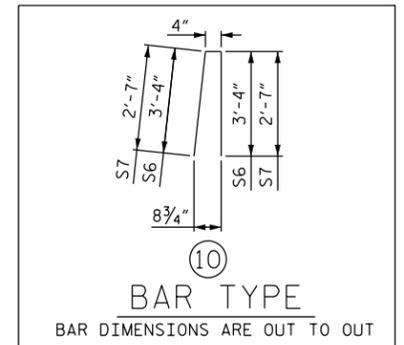
ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.



REINFORCING FOR CONCRETE WEARING SURFACE

* BASED ON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATIONS

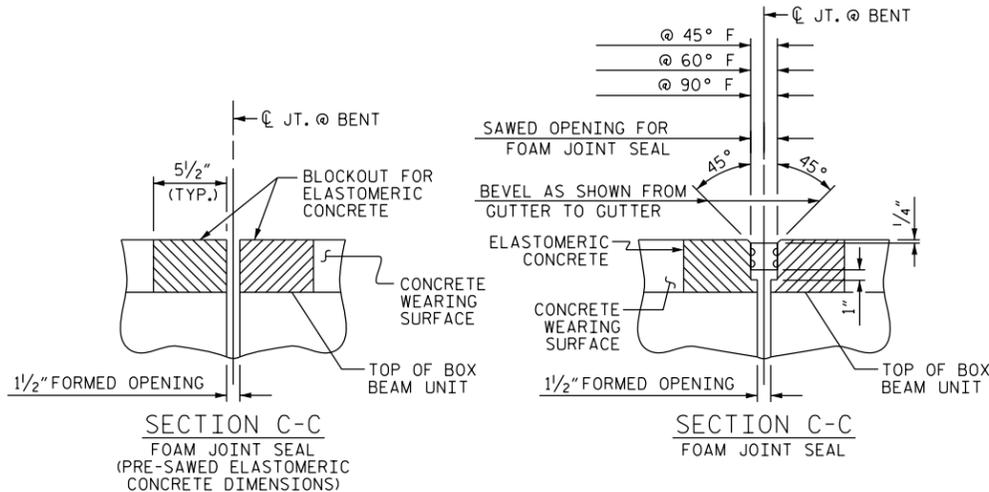
BOX BEAM UNITS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
SPAN A			
SPAN B			
SPAN C			
TOTAL			



BILL OF MATERIAL FOR CONCRETE BARRIER RAIL								
BAR	BARS PER SPAN			TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT
	SPAN A	SPAN B	SPAN C					
*B					#5	STR		
*B					#5	STR		
*B					#5	STR		
*S6					#5	10	7'-0"	
*S7					#5	10	5'-6"	
				* EPOXY COATED REINFORCING STEEL		LBS.		
				CLASS AA CONCRETE		CU.YDS.		
				TOTAL LIN. FT. OF CONCRETE BARRIER RAIL				

GROOVING BRIDGE FLOORS	
APPROACH SLABS	SQ.FT.
BRIDGE DECK	SQ.FT.
TOTAL	SQ.FT.

SPLICE LENGTH CHART	
BAR SIZE	EPOXY COATED
#3	1'-3"
#4	1'-8"

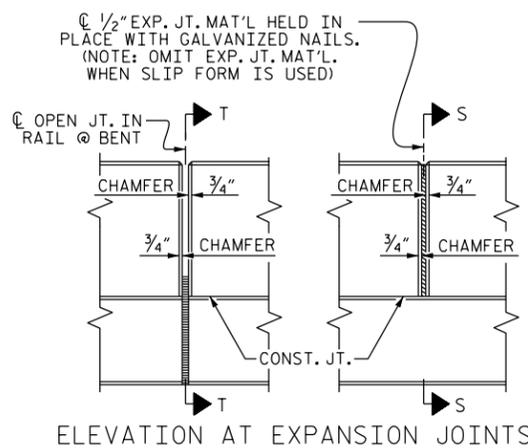


JOINT SEAL DETAILS AT BENT

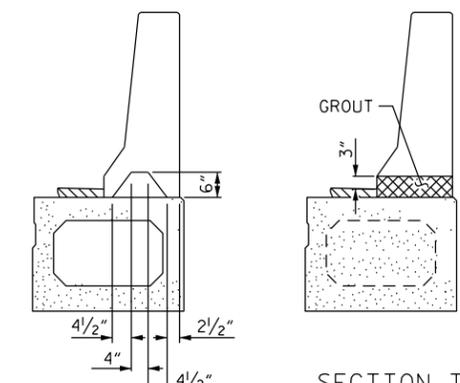
(SHOWING FULL DEPTH BLOCKOUT)

ELASTOMERIC CONCRETE	
BENT NO.	ELASTOMERIC CONCRETE * (CU. FT.)
1	
2	
TOTAL	

* BASED ON THE MINIMUM BLOCKOUT SHOWN.



ELEVATION AT EXPANSION JOINTS



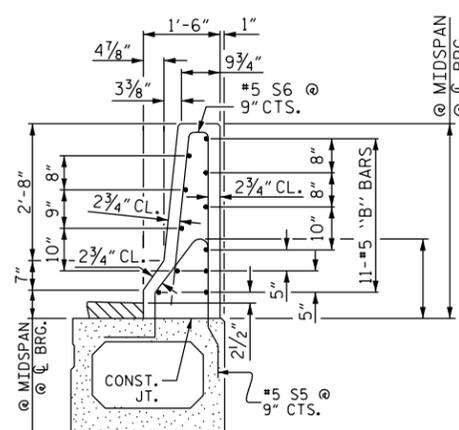
SECTION S-S

AT DAM IN OPEN JOINT (THIS IS TO BE USED ONLY WHEN SLIP FORM IS USED)

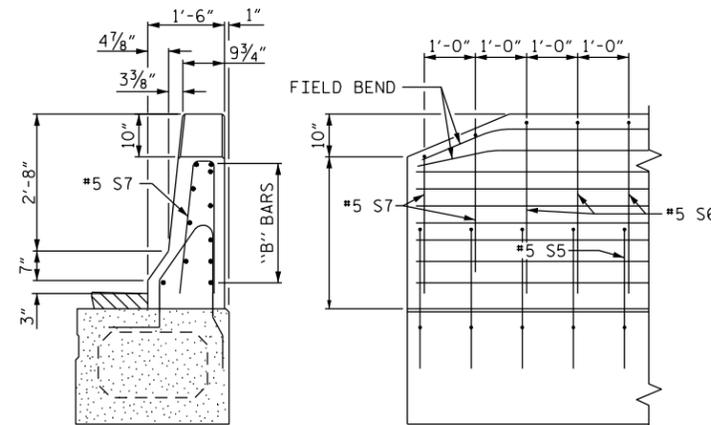
SECTION T-T

AT OPEN JOINT AT BENT (THIS IS TO BE USED WHERE FOAM JOINT IS NOT USED)

BARRIER RAIL DETAILS



SECTION THRU RAIL



END VIEW

SIDE VIEW

END OF RAIL DETAILS

BILL OF MATERIAL FOR CONCRETE WEARING SURFACE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*R1		#3	STR		
*R2		#3	STR		
*R3		#4	STR	20'-0"	
				* EPOXY COATED REINFORCING STEEL	
				LBS.	
				CONCRETE WEARING SURFACE	
				SQ. FT.	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLAN SHOWING CONCRETE WEARING SURFACE REINFORCING STEEL

PROJECT NO. _____

_____ COUNTY

STATION: _____

SHEET _ OF _

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
3'-0" X 1'-0"
PRESTRESSED CONCRETE
BOX BEAM UNIT DETAILS

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

ASSEMBLED BY :	DATE :		
CHECKED BY :	DATE :		
DRAWN BY : TLA 5/05	REV. 1/15	RWW/TMC	
CHECKED BY : GM 6/05	REV. 12/17	MAA/THC	
	REV. 5/18	MAA/THC	