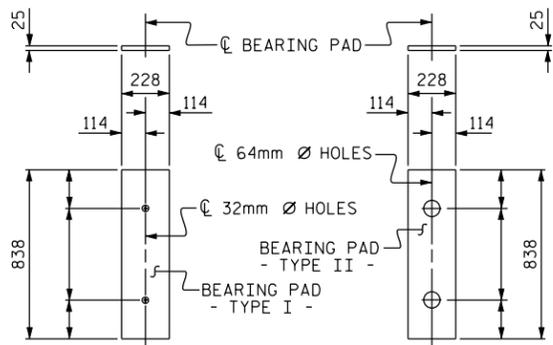
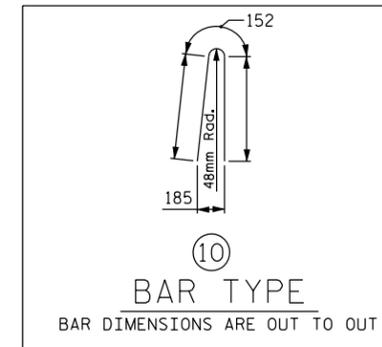


SECTION A-A



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

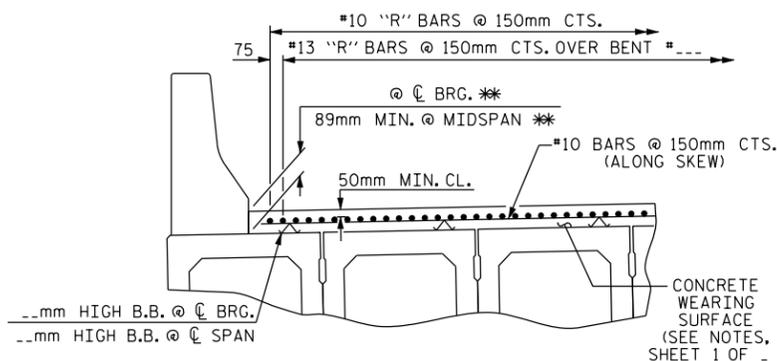
BOX BEAM UNITS REQUIRED			
	NUMBER	LENGTH	TOTAL LENGTH
SPAN A			
SPAN B			
SPAN C			
TOTAL			



PLAN

ELASTOMERIC BEARING DETAILS

ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.

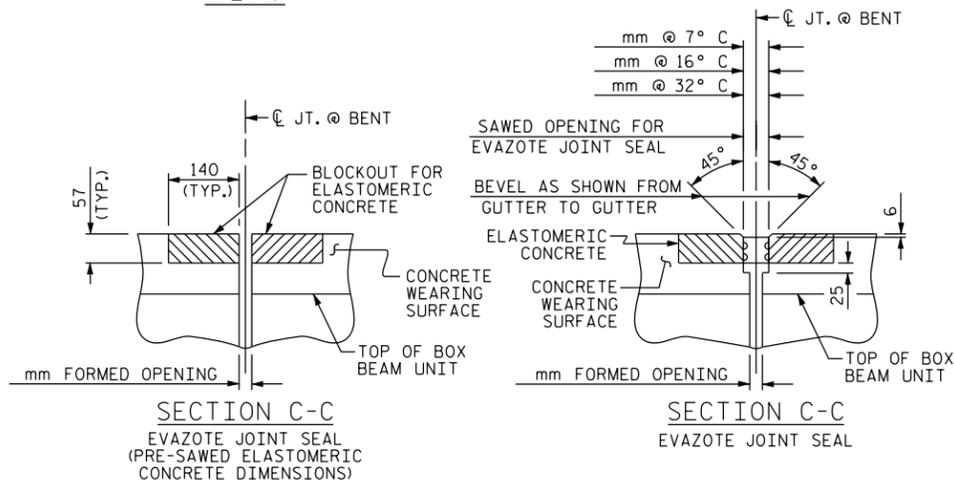


REINFORCING FOR CONCRETE WEARING SURFACE
* BASED ON PREDICTED FINAL CAMBER AND THEORETICAL GRADE LINE ELEVATIONS

BILL OF MATERIAL FOR CONCRETE BARRIER RAIL								
BAR	BARS PER SPAN			TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT
	SPAN A	SPAN B	SPAN C					
*B					#16	STR		
*B					#16	STR		
*B					#16	STR		
*S6					#16	10		
* EPOXY COATED REINFORCING STEEL					kg			
CLASS AA CONCRETE					CU. METERS			
TOTAL LENGTH OF CONCRETE BARRIER RAIL					METERS			

GROOVING BRIDGE FLOORS	
APPROACH SLABS	SO. METER
BRIDGE DECK	SO. METER
TOTAL	SO. METER

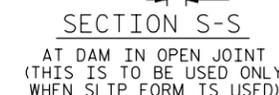
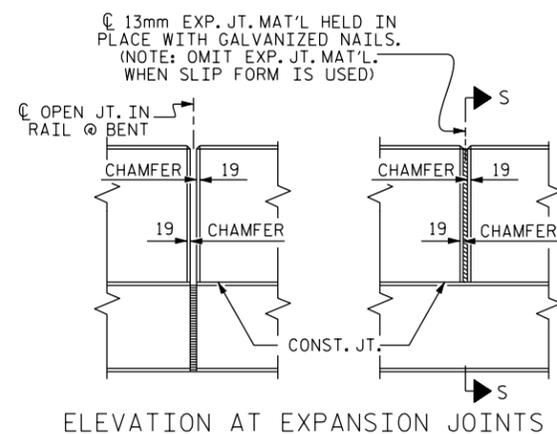
SPLICE LENGTH CHART	
BAR SIZE	EPOXY COATED
#10	390
#13	510



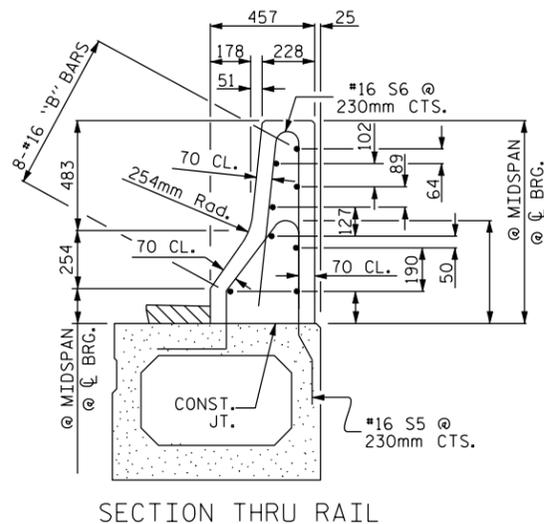
JOINT SEAL DETAILS AT BENT
(SHOWING PARTIAL DEPTH BLOCKOUT)

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

* BASED ON THE MINIMUM BLOCKOUT SHOWN.



BARRIER RAIL DETAILS



PLAN SHOWING CONCRETE WEARING SURFACE REINFORCING STEEL

BILL OF MATERIAL FOR CONCRETE WEARING SURFACE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*R1		#10	STR		
*R2		#10	STR		
*R3		#13	STR	6100	
* EPOXY COATED REINFORCING STEEL					kg
CONCRETE WEARING SURFACE					SQ. METERS

PROJECT NO. _____
_____ COUNTY
STATION: _____
SHEET _ OF _

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
914mm X ____mm
PRESTRESSED CONCRETE
BOX BEAM UNIT DETAILS

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : TLA 5/05	ADDED 7/11/05R
CHECKED BY : GM 6/05	REV. 5/1/06RR TLA/GM

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