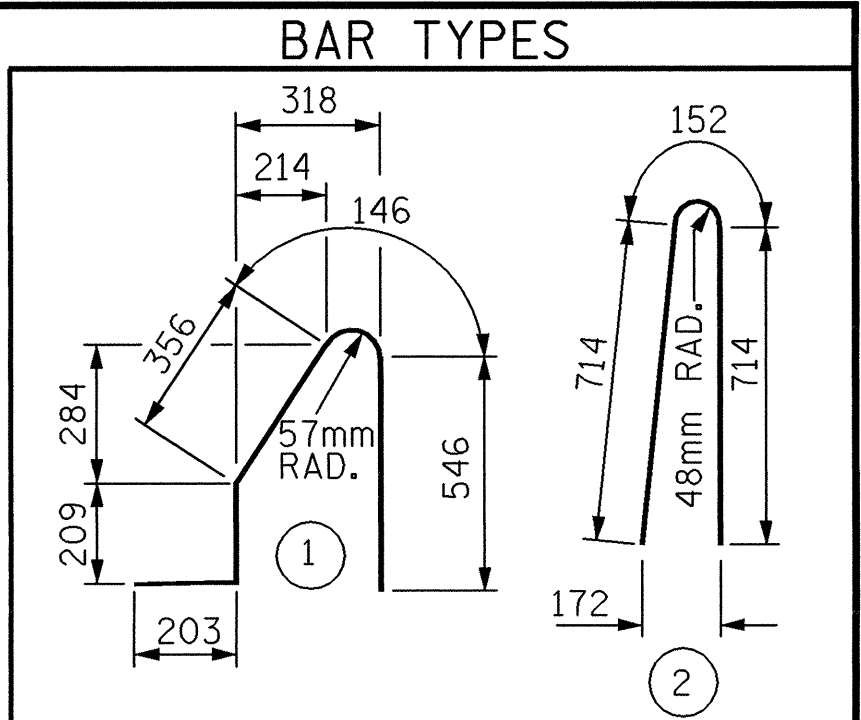


NOTES

THE BARRIER RAIL IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 20.7 MPa.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

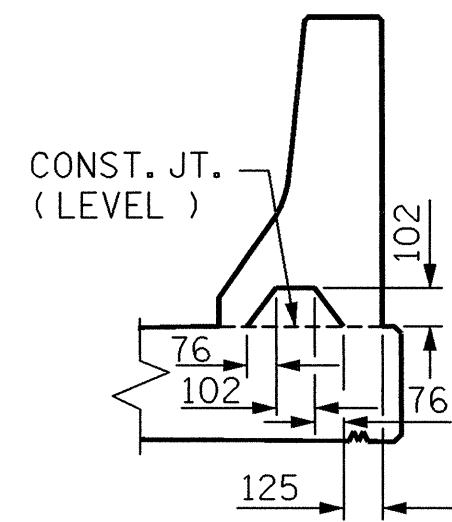
VERTICAL GROOVED CONTRACTION JOINTS, 12mm IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. A JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE JOINT IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 6.1m IN LENGTH AND NO JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 3.5m IN LENGTH.



ALL BAR DIMENSIONS ARE OUT TO OUT

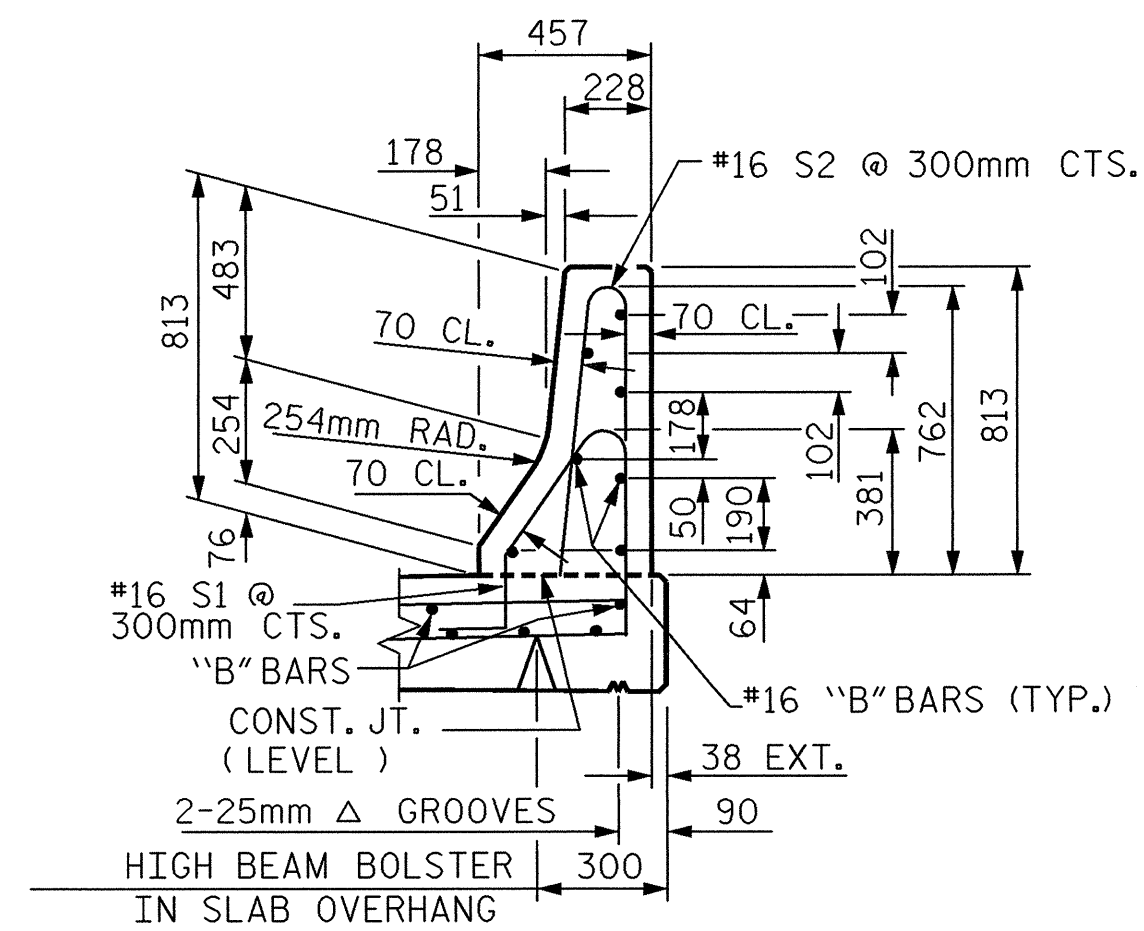
BILL OF MATERIAL

FOR CONCRETE BARRIER RAIL ONLY					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	140	#16	STR	3420	817
* B2	7	#16	STR	6330	69
* B3	14	#16	STR	6350	139
* B4	140	#16	STR	4640	1008
* B5	266	#16	STR	8220	3393
* B6	14	#16	STR	5780	126
* B7	7	#16	STR	6100	66
* B8	7	#16	STR	6140	67
* B9	7	#16	STR	6380	70
* S1	1702	#16	1	1460	3857
* S2	1702	#16	2	1580	4174
* EPOXY COATED REINFORCING STEEL					13786
CLASS AA CONCRETE					117.1 CU. METERS
CONCRETE BARRIER RAIL					508,598 METERS

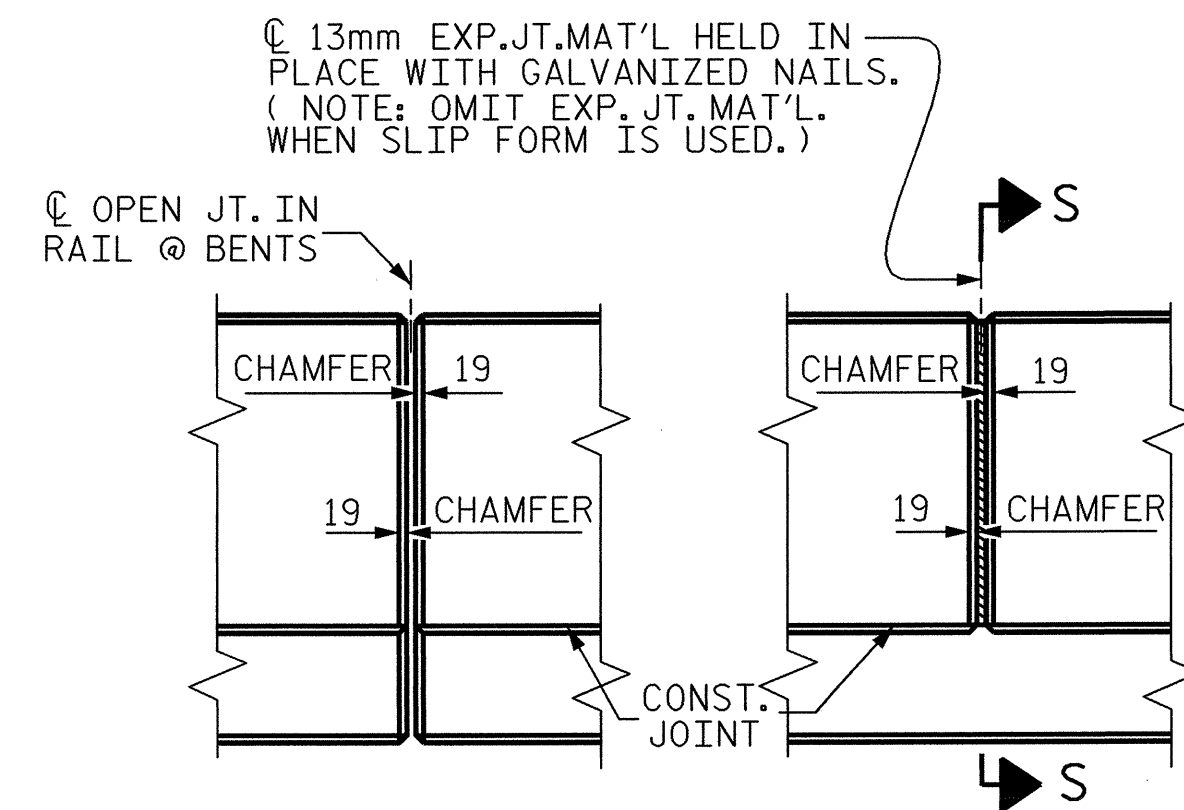


SECTION S-S

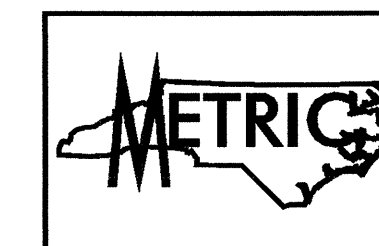
AT DAM IN OPEN JOINT
(THIS IS TO BE USED ONLY
WHEN SLIP FORM IS USED)



SECTION THRU RAIL



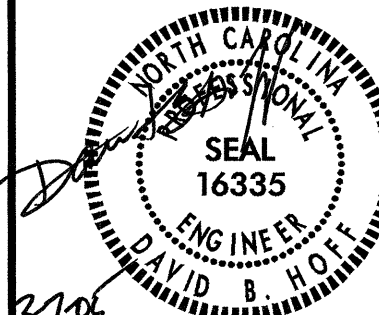
ELEVATION AT EXPANSION JOINTS
BARRIER RAIL DETAILS



PROJECT NO. R-2552AB
JOHNSTON COUNTY
 STATION: 40+80.000 -L- P.O.C.

SHEET 6 OF 6

TRANSYSTEMS CORPORATION
 75 Beattie Place, Suite 400
 Greenville, SC 29601 (864) 234-0866



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
 CONCRETE
 BARRIER RAIL
 (LEFT LANE)

REVISIONS

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

SHEET NO.	
5-290	TOTAL SHEETS
	429

DWG. NO.	TOTAL
31	68

ASSEMBLED BY : M.L. MARLEY	DATE : 10/01
CHECKED BY : D.B. HOFF	DATE : 11/01
DRAWN BY : ARB 5/87	REV. 7/17/98 RWW/LES
CHECKED BY : SJD 9/87	REV. 8/16/99 RWW/LES
	REV. 10/17/00R RWW/LES