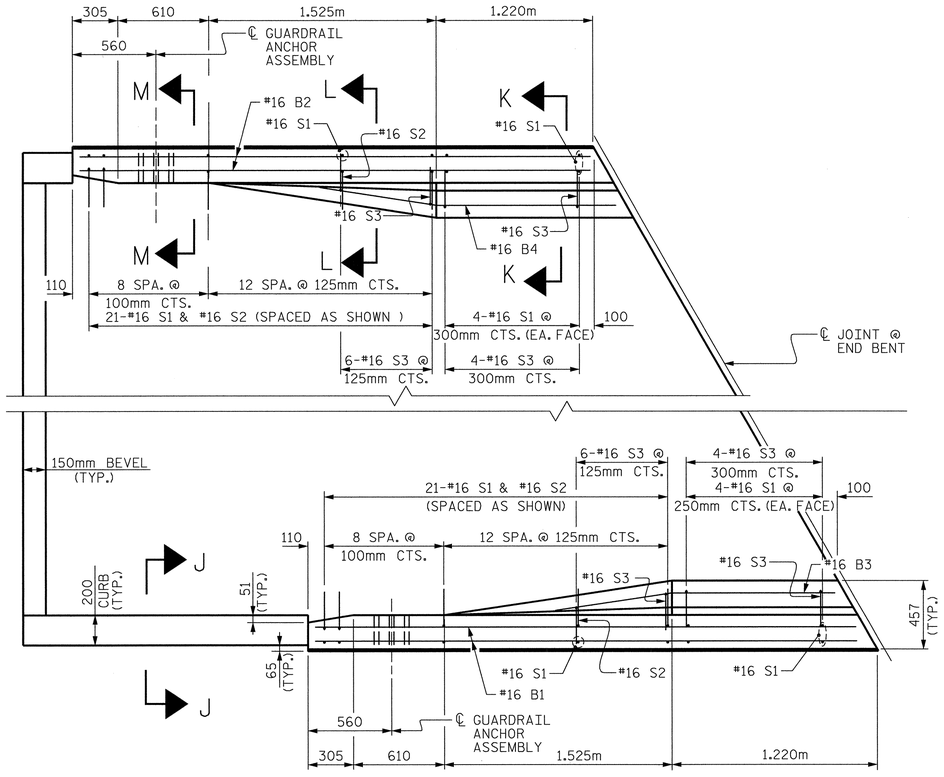
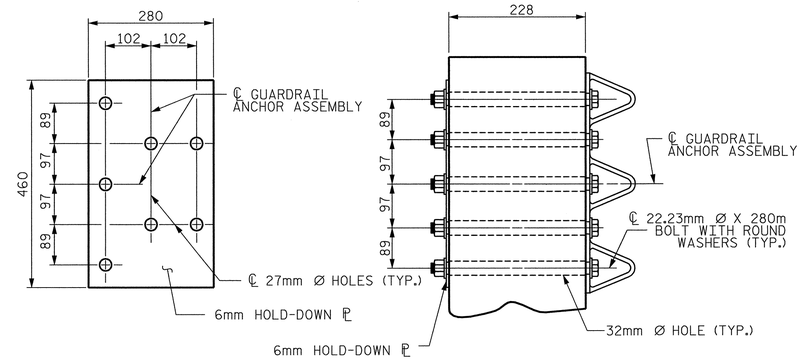


PLAN

BEGIN APPROACH SLAB SHOWN, END APPROACH SLAB SIMILAR



PLAN

SECTION E-E

GUARDRAIL ANCHOR ASSEMBLY DETAILS

NOTES

THE GUARDRAIL ANCHOR ASSEMBLY SHALL CONSIST OF A 6mm HOLD DOWN PLATE AND 7 - 22.23mm Ø BOLTS WITH NUTS AND WASHERS.

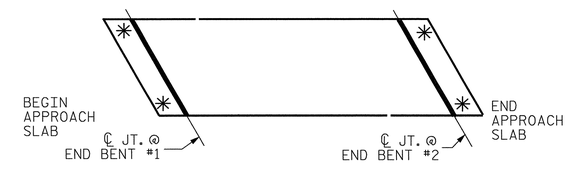
THE HOLD-DOWN PLATE SHALL CONFORM TO AASHTO M270 GRADE 250. AFTER FABRICATION, THE HOLD-DOWN PLATE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111.

BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A307 AND NUTS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M291M. BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED. AT THE CONTRACTOR'S OPTION, STAINLESS STEEL BOLTS, NUTS AND WASHERS MAY BE USED AS AN ALTERNATE FOR THE 22.23mm Ø GALVANIZED BOLTS, NUTS AND WASHERS. THEY SHALL CONFORM TO OR EXCEED THE MECHANICAL REQUIREMENTS OF ASTM A307. THE USE OF THIS ALTERNATE SHALL BE APPROVED BY THE ENGINEER.

AFTER INSTALLATION, THE EXPOSED THREAD OF THE BOLT SHALL BE BURRED WITH A SHARP POINTED TOOL.

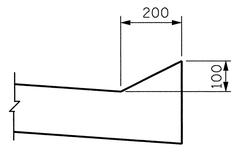
THE COST OF THE GUARDRAIL ANCHOR ASSEMBLIES WITH BOLTS, NUTS AND WASHERS COMPLETE IN PLACE, SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR BRIDGE APPROACH SLABS.

THE 32mm Ø HOLES SHALL BE FORMED OR DRILLED WITH A CORE BIT. IMPACT TOOLS WILL NOT BE PERMITTED. ANY CONCRETE DAMAGED BY THIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.

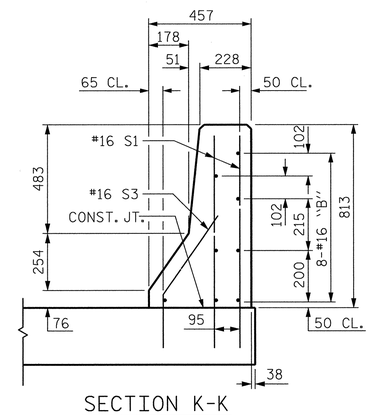


SKETCH SHOWING POINTS OF ATTACHMENT

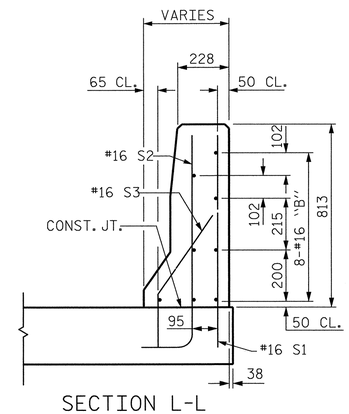
✳ INDICATES POINTS OF ATTACHMENT



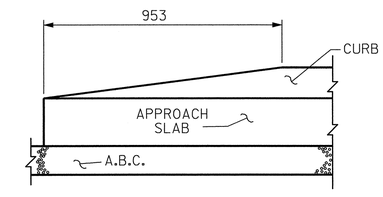
SECTION J-J



SECTION K-K

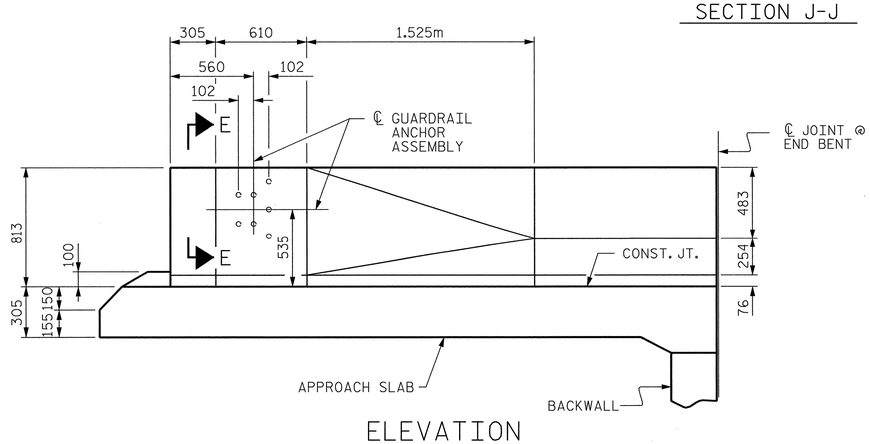


SECTION L-L

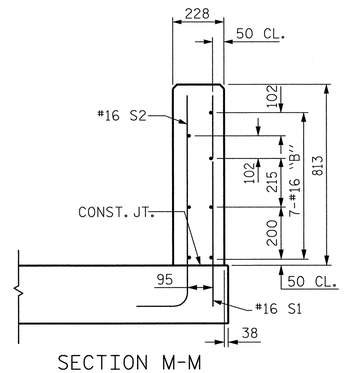


END OF CURB WITHOUT SHOULDER BERM GUTTER

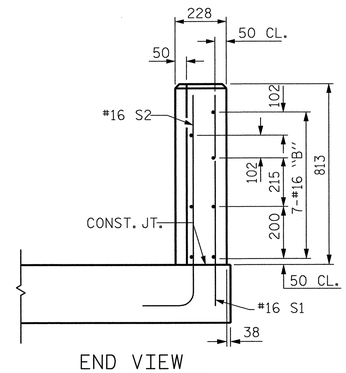
CURB DETAILS



ELEVATION



SECTION M-M



END VIEW

PROJECT NO. R-2552AB

JOHNSTON COUNTY

STATION: 40+96.000 -L- P.O.C.

METRIC

SHEET 3 OF 4

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

NORTH CAROLINA PROFESSIONAL SEAL 16335 ENGINEER DAVID B. HOFF
3-28-05

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
BRIDGE APPROACH SLAB
DETAILS FOR RIGIDPAVEMENT
WITH BARRIER RAIL
(LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-327
1			3			TOTAL SHEETS
2			4			429

DWG. NO.	TOTAL
67	68

ASSEMBLED BY : M.L. MARLEY DATE : 12/01
CHECKED BY : D.B. HOFF DATE : 12/01

DRAWN BY : RWW 8/01
CHECKED BY : LES 8/01

g:\GV04\0125\Bridge\Site1\Left (WBL)\Final\Base6smlwbl.dgn
3/28/2005
2:03:54 PM