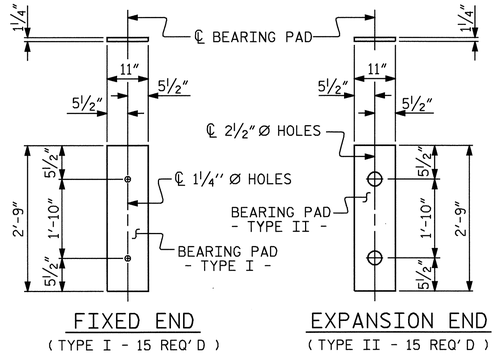
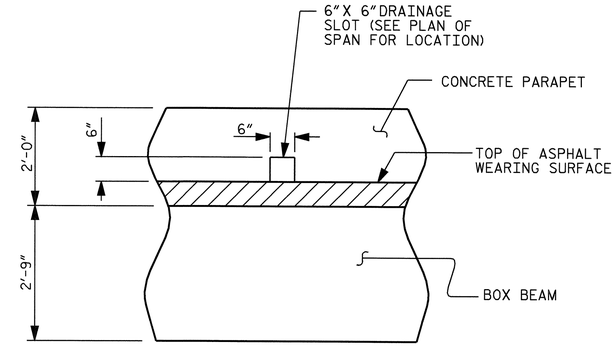


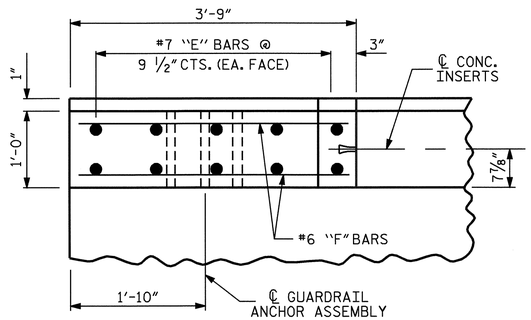
ELASTOMERIC BEARING DETAILS

BOX BEAM UNITS REQUIRED			
	SPAN A		
	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR BOX BEAM	2	87'-9"	175'-6"
INTERIOR BOX BEAM	13	87'-9"	1140'-9"
TOTAL	15	87'-9"	1316'-3"

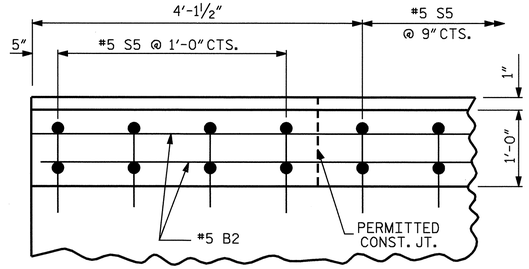


DRAIN DETAIL

(6 DRAINS REQUIRED)



PLAN OF END POST

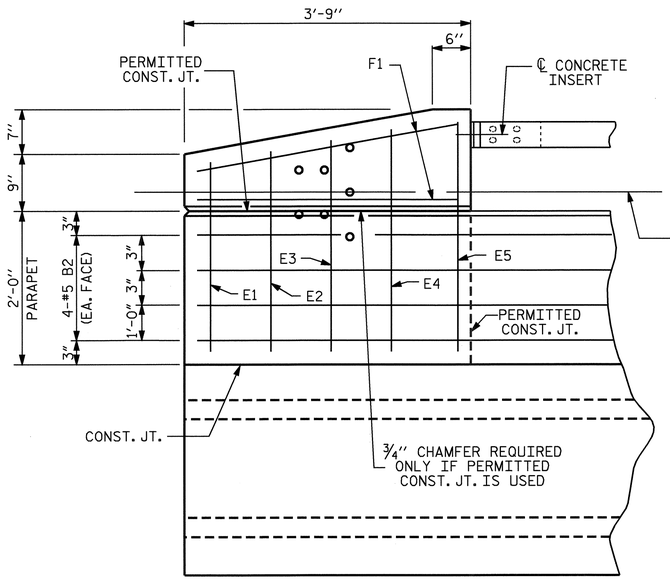


PLAN OF PARAPET

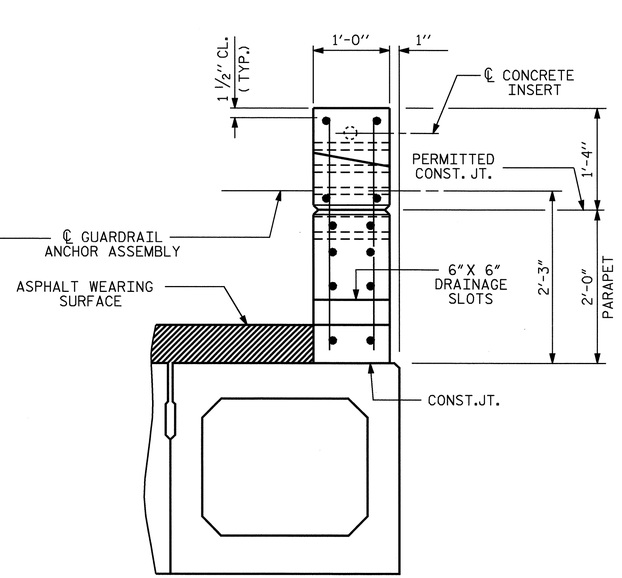
NOTES

FOR DETAILS OF CONCRETE INSERT, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS".

THE REINFORCING STEEL AND CONCRETE IN THE END POST IS INCLUDED IN THE UNIT BID PRICE FOR "1'-0"X 2'-0" CONCRETE PARAPET".



ELEVATION



END VIEW

BILL OF MATERIAL FOR CONCRETE PARAPETS AND FOUR END POSTS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳B2	32	#5	STR	45'-5"	1516
✳E1	8	#7	STR	2'-5"	40
✳E2	8	#7	STR	2'-7"	42
✳E3	8	#7	STR	2'-9"	45
✳E4	8	#7	STR	2'-10"	46
✳E5	8	#7	STR	3'-0"	49
✳F1	16	#6	STR	3'-5"	82
✳EPOXY COATED REINFORCING STEEL					1820 LBS.
CLASS AA CONCRETE					13.6 CU.YDS.
TOTAL LIN. FT. OF CONCRETE PARAPET = 175.50					

✳ THESE BARS ARE EPOXY COATED

END POST FOR ONE-BAR RAIL

ASSEMBLED BY : L.L. MURPHY	DATE : 07-05		
CHECKED BY : D. HODGE	DATE : 07-05		
DRAWN BY : TLA 3/05	ADDED		
CHECKED BY :			

29-JUL-2005 14:39
R:\STRUCTØ1\b3857\vnguyen\MICROSØ1\B3857_Ø1.DGN
dahodge

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR. 8-19-05

PROJECT NO. B-3857

HENDERSON COUNTY

STATION: 16+59.00 -L-

SHEET 5 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
3'-0"X 2'-9"
PRESTRESSED CONCRETE
BOX BEAM UNIT DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			20

STD. NO. PCBB8