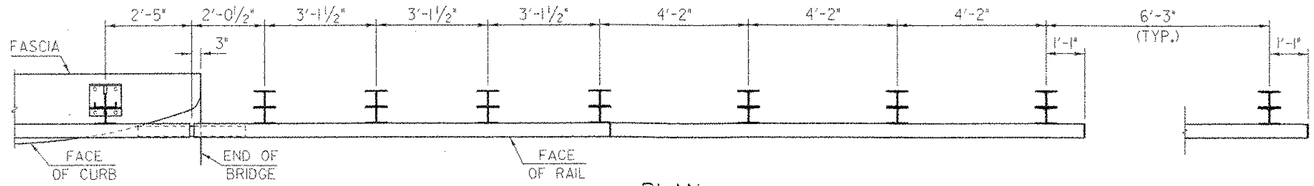
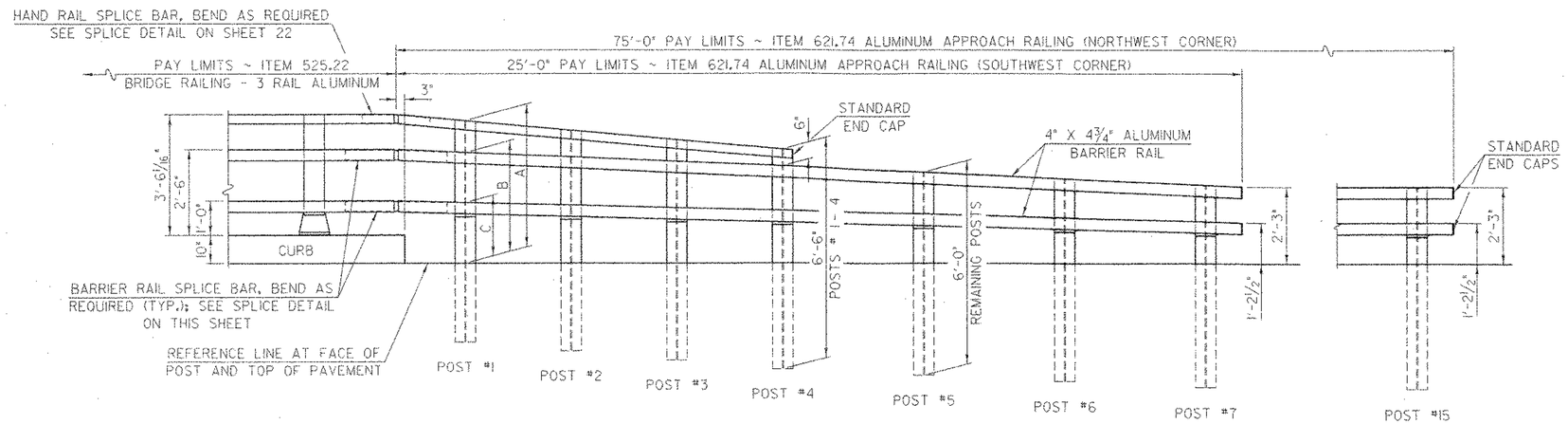


PLAN



ELEVATION

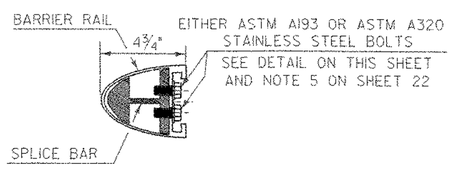
NOTES

1. ALL POSTS SHALL BE EXTRUDED ALUMINUM.
2. ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 GALVANIZED AFTER FABRICATION.
3. ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
4. SEE SHEETS 21 AND 22 FOR ALUMINUM BRIDGE RAILING DETAILS.
5. DETAILS ARE SHOWN FOR TRANSITION TO A 3 RAIL ALUMINUM BRIDGE RAILING.
6. DIMENSIONS SHOWN ARE FROM A REFERENCE LINE AT THE FACE OF POST FOR A NORMAL CROWNED SECTION. APPROPRIATE CORRECTIONS SHALL BE MADE FOR CROSS SLOPES OTHER THAN A NORMAL SECTION.

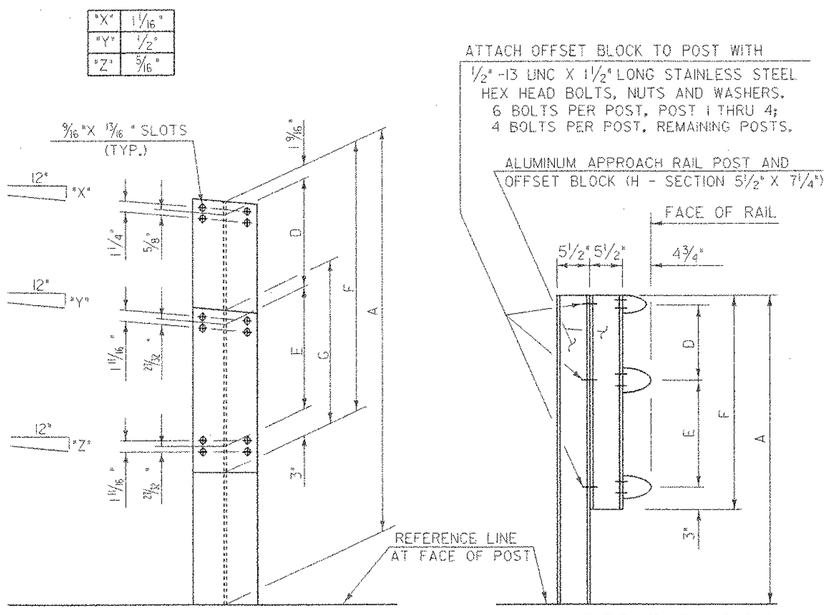
ALUMINUM APPROACH RAIL DIMENSIONS AT NORTHWEST AND SOUTHWEST CORNERS

POST NO.	RAIL HEIGHT DIMENSIONS			OFFSET BLOCK DIMENSIONS			
	A	B	C	D	E	F	G
1	4'-1 15/16"	3'-2 15/16"	1'-9 3/8"	11 7/16"	1'-5 9/16"	2'-9 1/2"	
2	3'-10 5/8"	3'-1 15/16"	1'-8 7/16"	9 3/4"	1'-4 7/8"	2'-7 3/16"	
3	3'-7 3/8"	2'-11 11/16"	1'-7 1/2"	8 1/8"	1'-4 3/16"	2'-4 13/16"	
4	3'-4 1/16"	2'-10 1/16"	1'-6 9/16"	6 7/16"	1'-3 1/2"	2'-2 1/2"	
5		2'-7 7/8"	1'-5 5/16"		1'-2 9/16"		1'-7 9/16"
6		2'-5 3/4"	1'-4 1/16"		1'-1 5/8"		1'-6 5/8"
7		2'-3 9/16"	1'-2 13/16"		1'-0 3/4"		1'-5 3/4"

ALL REMAINING POSTS ARE TO HAVE THE SAME DIMENSIONS AS POST NO. 7



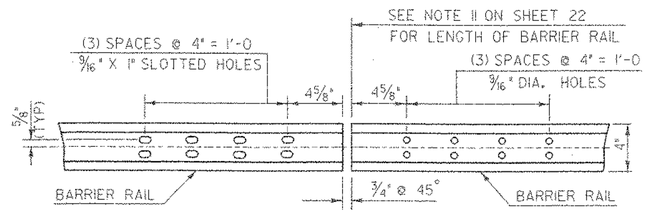
TYPICAL SECTION THROUGH BARRIER RAIL SPLICE



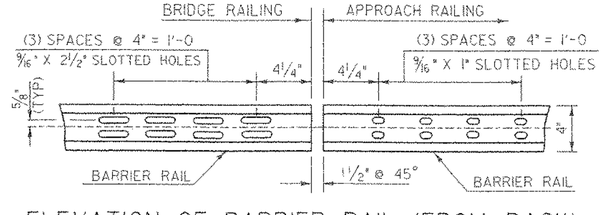
FRONT ELEVATION

SIDE ELEVATION

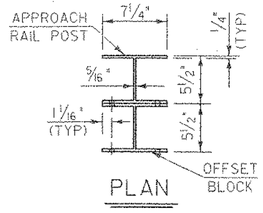
APPROACH RAIL DETAILS



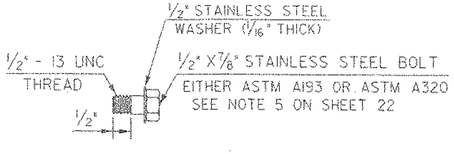
ELEVATION OF BARRIER RAIL (FROM BACK) AT ALL INTERMEDIATE RAIL SPLICES



ELEVATION OF BARRIER RAIL (FROM BACK) BRIDGE RAILING & APPROACH RAILING



PLAN



STAINLESS STEEL BOLT DETAILS

ALUMINUM BRIDGE RAIL DETAILS (3)

PROJECT NAME: ROCKINGHAM	
PROJECT NUMBER: TH2 - 9103	
FILE NAME: 90c053\structures\sc053r03.I	PLOT DATE: 20-MAR-2003
PROJECT MANAGER: R.R. WHITCOMB	DRAWN BY: VAOT
DESIGNED BY: G. ROY	CHECKED BY: R. WHITCOMB
	SHEET 23 OF 38