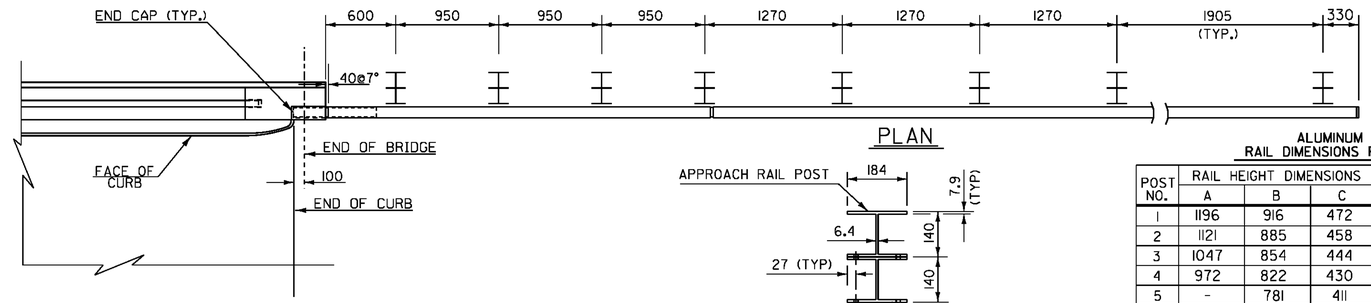
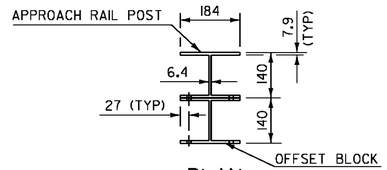


PLAN



PLAN

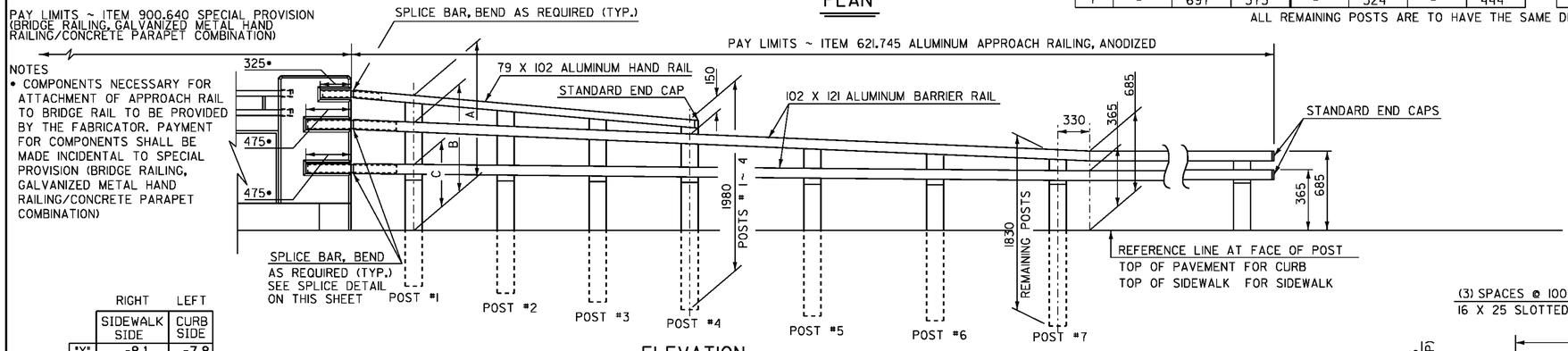
ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A CURB CONDITION

POST NO.	RAIL HEIGHT DIMENSIONS A	B	C	OFFSET BLOCK DIMENSIONS D	E	F	G
1	1196	916	472	289	444	844	-
2	1121	885	458	246	427	784	-
3	1047	854	444	203	410	724	-
4	972	822	430	160	393	663	-
5	-	781	411	-	370	-	490
6	-	739	392	-	347	-	467
7	-	697	373	-	324	-	444

ALUMINUM APPROACH RAIL
RAIL DIMENSIONS FOR A SIDEWALK CONDITION

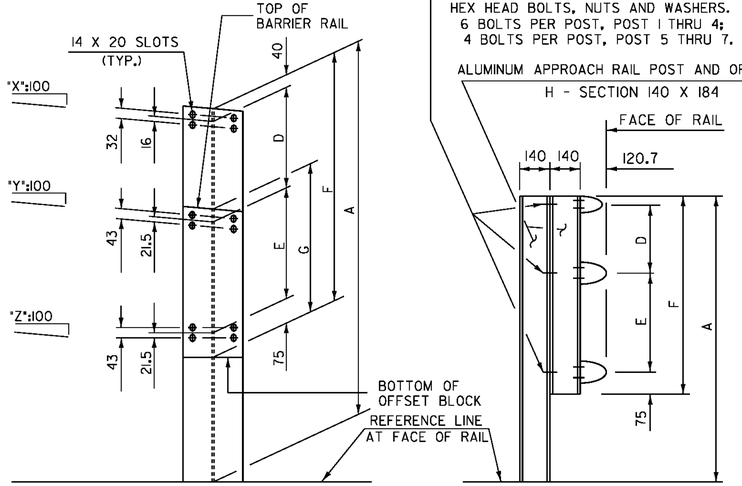
POST NO.	RAIL HEIGHT DIMENSIONS A	B	C	OFFSET BLOCK DIMENSIONS D	E	F	G
1	1219	939	495	291	444	850	-
2	1141	905	478	248	427	789	-
3	1064	870	461	205	410	729	-
4	986	836	443	162	393	669	-
5	-	790	420	-	370	-	496
6	-	744	397	-	347	-	473
7	-	698	374	-	324	-	450

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



ELEVATION

	RIGHT SIDEWALK SIDE	LEFT CURB SIDE
"X"	-8.1	-7.8
"Y"	-3.6	-3.3
"Z"	1.8	-1.5



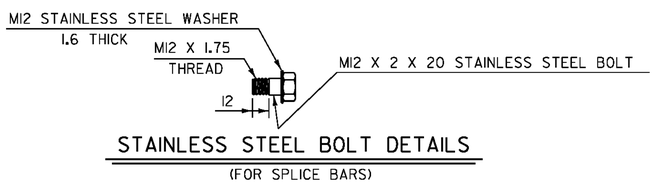
FRONT ELEVATION

ATTACH OFFSET BLOCK TO POST WITH
M12 X 2 X 40 STAINLESS STEEL HEX HEAD BOLTS, NUTS AND WASHERS.
6 BOLTS PER POST, POST 1 THRU 4;
4 BOLTS PER POST, POST 5 THRU 7.

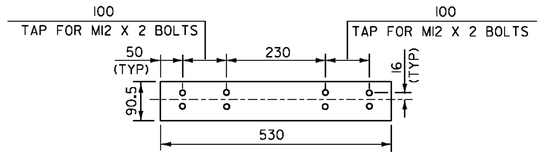
ALUMINUM APPROACH RAIL POST AND OFFSET BLOCK
H - SECTION 140 X 184

SIDE ELEVATION

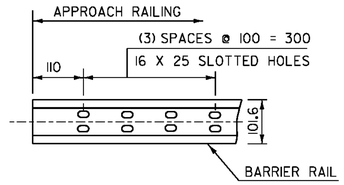
APPROACH RAIL DETAILS



STAINLESS STEEL BOLT DETAILS
(FOR SPLICE BARS)



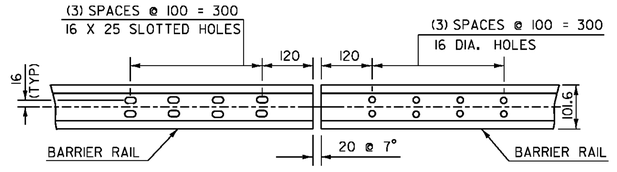
ELEVATION OF BARRIER RAIL SPLICE BAR TO BE USED AT TRANSITION BETWEEN APPROACH RAIL & GUARD RAIL (FROM BACK)



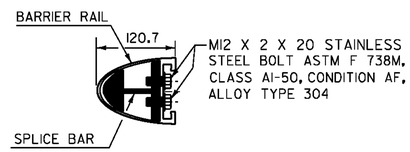
ELEVATION OF BARRIER RAIL (FROM BACK)

NOTES

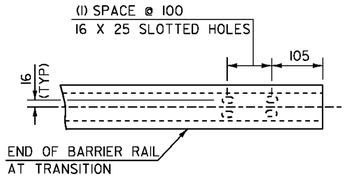
1. POST 1 THROUGH 7 SHALL BE EXTRUDED ALUMINUM.
2. DETAILS ARE SHOWN FOR TRANSITION TO A 3 RAIL ALUMINUM BRIDGE RAILING.
3. DIMENSIONS SHOWN ARE FROM A REFERENCE LINE AT THE FACE OF POST FOR A NORMAL CROWNED SECTION. APPROPRIATE CORRECTIONS SHALL BE MADE FOR CROSS SLOPES OTHER THAN A NORMAL SECTION.



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



TYPICAL SECTION THROUGH BARRIER RAIL SPLICE



ELEVATION OF BARRIER RAIL (FROM FRONT) AT TRANSITION

NOT TO SCALE

ALUMINUM APPROACH RAILING DETAILS 2

PROJECT NAME:	NEWFANE
PROJECT NUMBER:	BRF 0106(3)S
FILE NAME: s95j280railday.dgn	PLOT DATE: 22-JUL-2011
PROJECT LEADER: C. CARLSON	DRAWN BY: C. MOONEY
DESIGNED BY: T. LACKEY	CHECKED BY: G. SWEENY
ALUMINUM APPROACH RAILING DETAILS 2	SHEET 41 OF 70