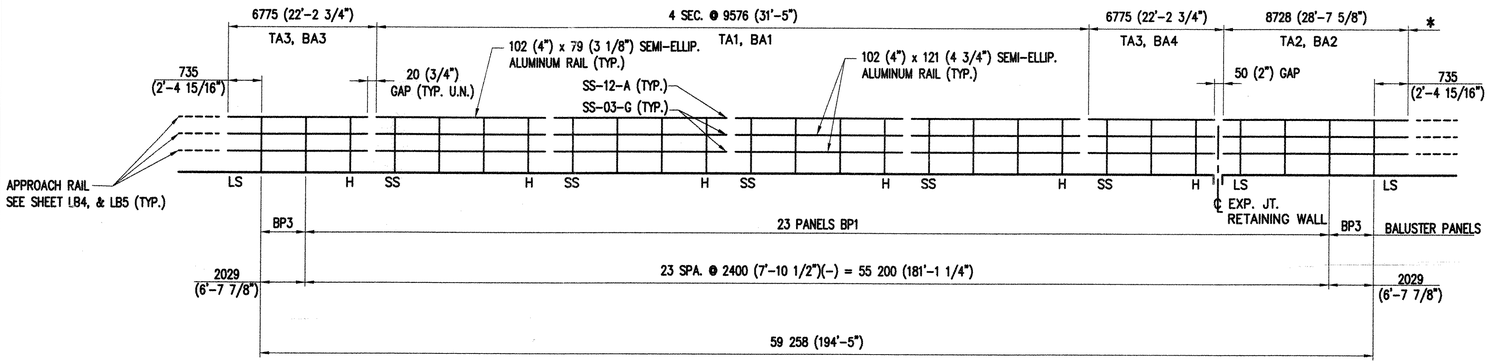
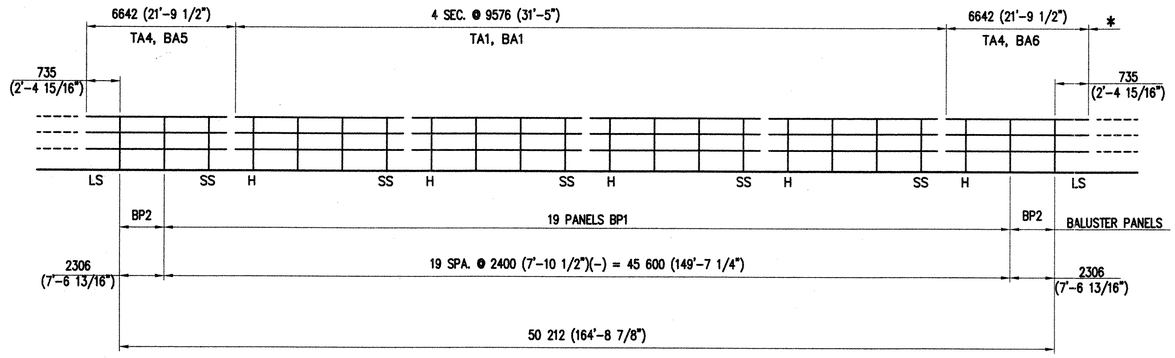
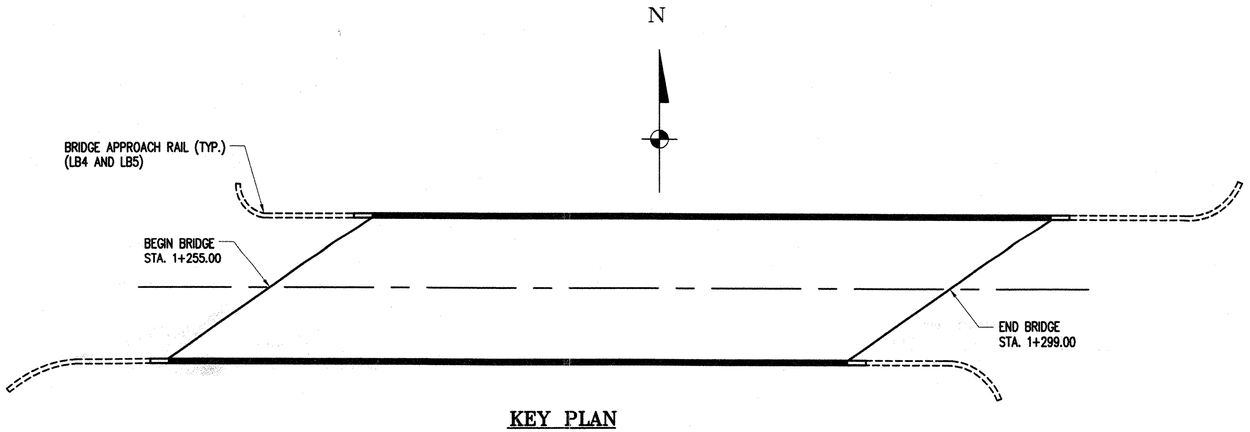


INSIDE ELEV. ~ NORTH RAIL



OUTSIDE ELEV. ~ SOUTH RAIL



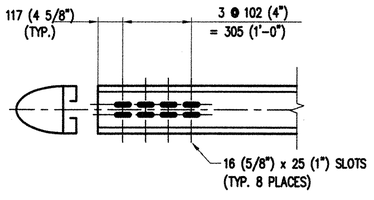
KEY PLAN

RAIL END LEGEND

H – HOLE SIDE

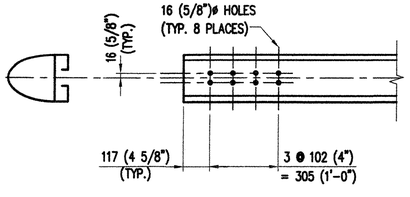
SS – SHORT SLOT SIDE

LS – LONG SLOT SIDE



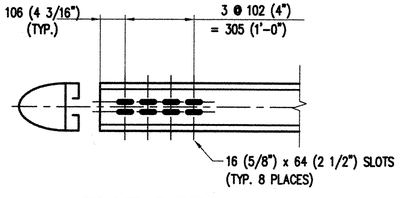
SLOT DETAIL A

(BACK ELEVATION VIEW)



SLOT DETAIL B

(BACK ELEVATION VIEW)



SLOT DETAIL C

(BACK ELEVATION VIEW)

BILL OF MATERIAL

PIECE MARK	NO. REQ'D.	DESCRIPTION	LENGTH M.M.	LENGTH FT.	LENGTH IN.	REMARKS
	48	FABRICATED ALUM. POSTS				
CB-01-H	96	ALUMINUM CLAMP BARS	181	0	7 1/8	HAND RAIL
CB-03-A	192	ALUMINUM CLAMP BARS	181	0	7 1/8	BARRIER RAIL
	576	13 (1/2")ø STNL. STL. HEX HD. BOLT	25	0	1	
	768	27 (1 1/16") O.D. x 14 (17/32") I.D. x 3 (3/32") THK. ALUM. FLATWASHER				
AB-1	48	ANCHOR ASSEMBLY consisting of:				
	240	19 (3/4")ø STEEL STUD	248	0	9 3/4	
	720	19 (3/4") STEEL HEX NUT				
	240	19 (3/4") STEEL FLATWASHER				
AP-1	48	STEEL PLATE 3 (1/8") x 219 (8 5/8")	257	0	10 1/8	
	48	FABRIC PAD 3 (1/8") x 273 (10 3/4")	273	0	10 3/4	
SS-12-A	11	ALUMINUM SPLICE SLEEVE	610	2	0	
	11	6 (1/4")ø ALUMINUM PIN	19	0	0 3/4	
SS-03-G	22	ALUMINUM SPLICE SLEEVE	914	3	0	
	352	13 (1/2")ø – 13 UNC S.S. HEX HD. BOLT	22	0	0 7/8	PARTIALLY THREADED
	352	13 (1/2")ø STNL. STL. WASHER				TACK WELD TO BOLT HEAD
TA1	8	102 (4") x 79 (3 1/8") SEMI-ELLIP. ALUM. RAIL	9576	31	5	
TA2	1	″	8728	28	7 5/8	
TA3	2	″	6775	22	2 3/4	
TA4	2	″	6642	21	9 1/2	
BA1	16	121 (4 3/4") x 102 (4") SEMI-ELLIP. ALUM. RAIL	9576	31	5	NOTE 1
BA2	2	″	8728	28	7 5/8	NOTE 4
BA3	2	″	6775	22	2 3/4	NOTE 2
BA4	2	″	6775	22	2 3/4	NOTE 1
BA5	2	″	6642	21	9 1/2	NOTE 3
BA6	2	″	6642	21	9 1/2	NOTE 2

NOTE 1: SEE SLOT DETAIL A 1~END, DETAIL B 1~END.
NOTE 2: SEE SLOT DETAIL C 1~END, DETAIL B 1~END.
NOTE 3: SEE SLOT DETAIL C 1~END, DETAIL A 1~END.
NOTE 4: SEE SLOT DETAIL C BOTH ENDS.

NOTE:
- THIS CONTRACT IS BASED UPON THE CONTRACTOR SETTING AND SPACING THE ANCHOR BOLTS TO THE MEASUREMENTS SHOWN ON THE APPROVED SHOP DRAWINGS. THE L.B. FOSTER CO. WILL NOT BE RESPONSIBLE FOR WORK NECESSITATED BY ANY OTHER SETTING AND SPACING.
- THIS DRAWING IS NOT TO SCALE.
- FOR GENERAL NOTES AND TYPICAL DETAILS SEE DRAWING LB1.
- LENGTH OF RAILING ON THIS SHEET IS 112.4 M (369 LF) PAY LENGTH.
- POST SPACING IS MEASURED HORIZONTALLY.
- SPLICE GAP AT SLEEVE = 20 (3/4") TYP. U.N.
- * RAIL LENGTHS DO NOT INCLUDE END CAPS AND/OR GAPS.
- COMPENSATION FOR VERTICAL CURVE IS NOT NECESSARY.
- METRIC DIMENSIONS IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE.

RECEIVED
CK'D BY GWC OK'D BY MAP
DEC 23 1999
RESUBMIT ____ APPROVED X
BY DATE DEC 30 1999

APPROVED: ____ REC'D APPL ____ DRAWING ____

L. B. FOSTER CO.
1016 GREENTREE ROAD
PITTSBURGH, PENNSYLVANIA 15220

FOR: BECK AND BELLUCCI, INCORPORATED
STATE OF VERMONT AGENCY OF TRANSPORTATION
TOWN OF BRISTOL, ADDISON COUNTY – PROJ. No. ER 021-1(13)
3-LINE ALUM. BRIDGE RAIL – FOR VT. ROUTE 116 (MINOR ARTERIAL)
ELEVATION, KEY PLAN, AND BILL OF MATERIAL 085

MADE BAB DATE 11/9/99 JOB NO. A19199 CUST. NO.
CHECK KAD DATE 11/12/99 DRAWING LB2 REV. NO.

REV	DESCRIPTION	BY	DATE	APP'D.