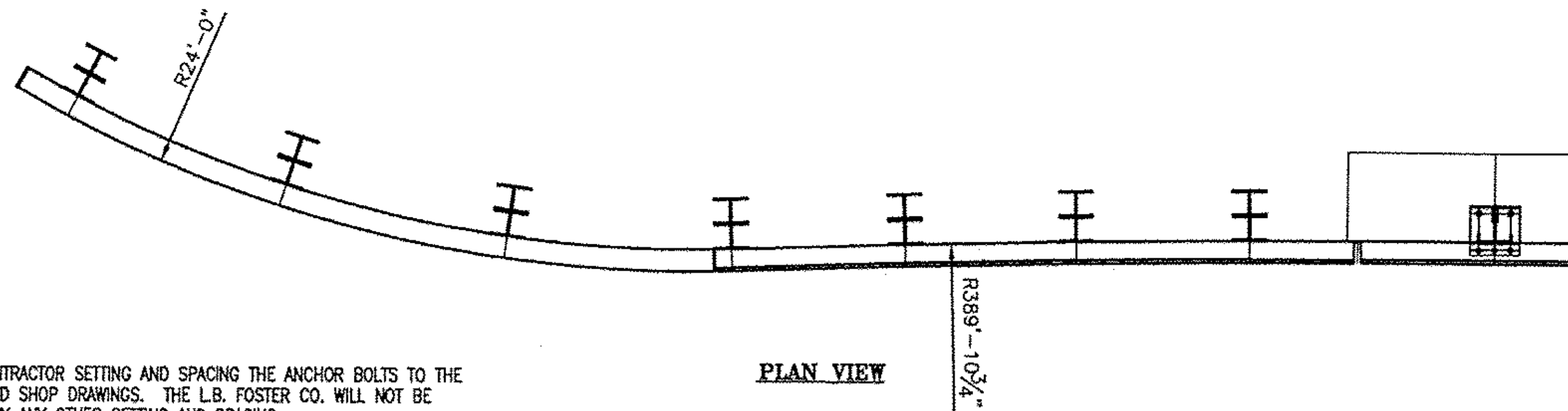
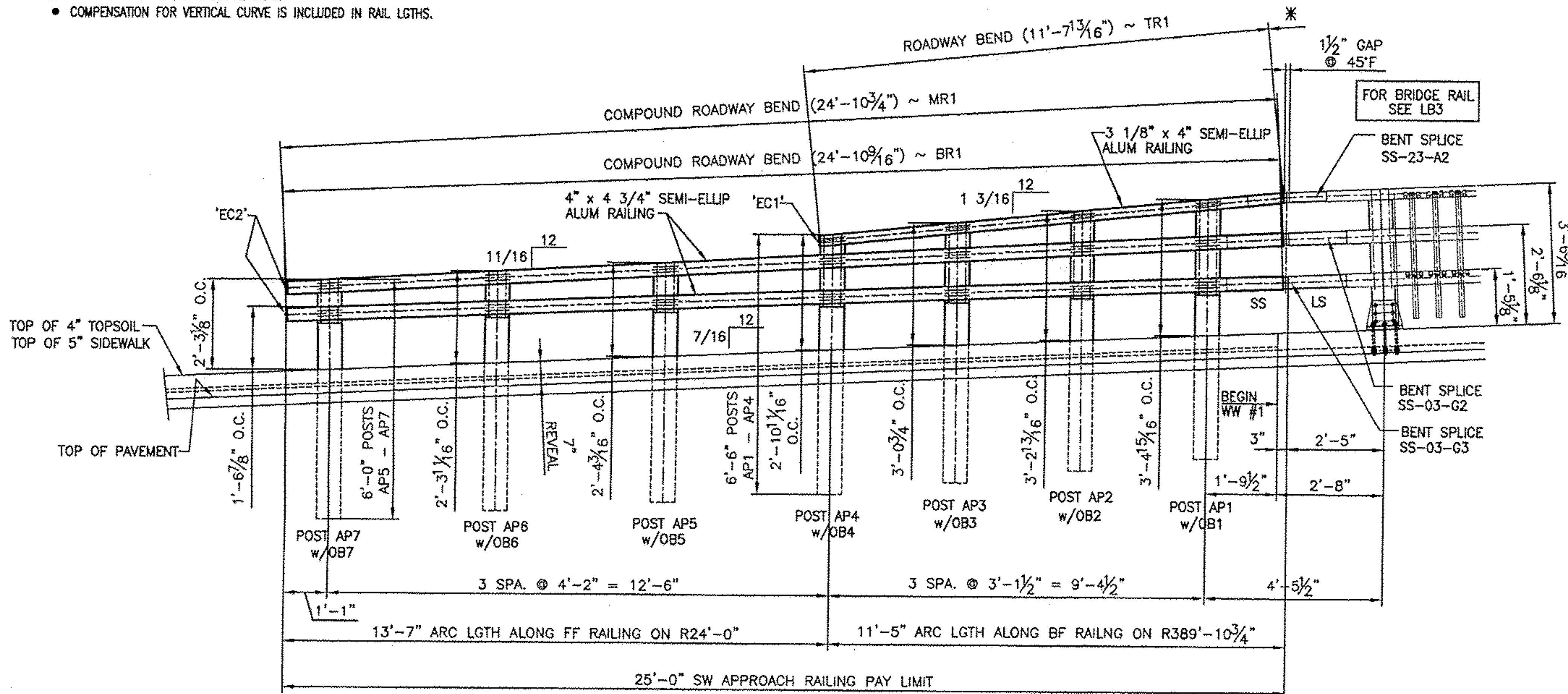


SS = SHORT SLOTTED SIDE
LS = LONG SLOTTED SIDE



- 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.
 - LENGTH OF APPROACH RAILING ON THIS SHEET IS 25 LF PAY LENGTH.
 - POST SPACING IS MEASURED ALONG FF OF RAILING.
 - SPLICE GAP AT SLEEVE = 1 1/2" TYP.
 - * RAIL LENGTHS DO NOT INCLUDE GAPS.
 - COMPENSATION FOR VERTICAL CURVE IS INCLUDED IN RAIL LGTHS.



INSIDE ELEVATION ~ SW APPROACH ~ SIDEWALK SIDE

GENERAL NOTES

ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006 AND ITS LATEST REVISIONS.

DESCRIPTION	ASTM	ALLOY/GR.	REMARKS
RAILS, POSTS, SPLICES, CLAMP BARS, PINS,	B221	6061-T6 OR 6351-T5	MIN. YIELD STRENGTH Fy = 35,000 psi.
STAINLESS STEEL BOLTS	A193	GRADE B8	
STAINLESS STEEL WASHERS	A240	GRADE B	
END CAPS	B26		356-F
BACKUP PLATE	A36		GALV. A123 AFTER FAB.
ALUMINUM WASHERS	B209	2024-T4/T3	2024-T4/T3
PREFORMED PADS			SECTION 731.01 OR 731.02
ELECTRODES FOR WELDING		AWS A5.10	ER5356

- POSTS TO BE NORMAL TO GRADE AND RAILS SHALL BE PARALLEL TO GRADE. RAILS TO BE ATTACHED TO A MINIMUM OF THREE POSTS WHEN POSSIBLE.
- ALL RAILS AND WELDS TO BE FREE FROM ALL BURRS AND ROUGH EDGES. ENDS OF TUBE SECTIONS SHALL BE SAWED OR MILLED. GRIND ALL CUT EDGES SMOOTH.
- ALL THREADS TO BE UNC CLASS 2A/2B.
- ALL EXTRUSION TOLERANCES NOT SHOWN SHALL BE IN ACCORDANCE WITH ASTM B221.
- IF CUT THREADS ARE USED, BOLT DIAMETER SHALL NOT BE LESS THAN NOMINAL DIAMETER. IF ROLLED THREADS ARE USED, BOLT DIAMETER SHALL NOT BE LESS THAN THE ROOT DIAMETER OF THREADS.
- THE SPLICE BAR SHALL BE ATTACHED TO THE RAIL ELEMENT AS FOLLOWS: THE RAIL SPLICE AT THE BRIDGE EXPANSION JOINT SHALL BE FASTENED ON BOTH SIDES OF THE RAIL SPLICE USING THE FULLY THREADED WASHER FACED BOLTS, TIGHTENED SECURELY TO THE END OF THREADS, AND LEAVING A 1/8" GAP. THIS ALLOWS EXPANSION ON BOTH SIDES OF THE JOINT.
- ALL NUTS SHALL COMPLY WITH AMERICAN HEXAGON ANSI SPECIFICATIONS B18.2

RECEIVED
OK'D BY WBL OK'D BY SSG
OCT 24 2011
RESUBMIT _____ APPROVED
BY _____ DATE 11/1/2011

BRIDGE No. 15
PROJECT No. BRF 022-1 (14)
ITEM No: 621.74

LB Foster L.B. FOSTER COMPANY
Fabricated Bridge Products 1016 GREENTREE RD.
PITTSBURGH, PA 15220

FOR: F. R. LAFAYETTE, INC.
VERMONT AGENCY OF TRANSPORTATION
TOWN OF BETHEL, WINDSOR COUNTY, VT
3-LINE ALUMINUM APPROACH RAIL FOR VT ROUTE 7
(MINOR ARTERIAL) - SIDEWALK SIDE ELEVATIONS & GENERAL NOTES

MADE CMS DATE 09/19/11 JOB NO. ARO700

REV.	DESCRIPTION	BY	DATE

CHECK Dd DATE 10/14/11 DRAWING LB13