



BILL OF MATERIAL - SOUTH RAIL				
ITEM #	QTY	PART #	DESCRIPTION	ASTM DESIGNATION
1	17	0033.03610	W6x25, THREE RAIL POST @ 2'-9" OA ON 1 1/4x10x1'-2" B.P.	A572 Gr. 50
2	2	0033.91058	HSS 3" X 5" X 1/4" RAIL @ 20'-6 3/4"	A500 Gr. B
3	1	0033.91059	HSS 3" X 5" X 1/4" RAIL @ 23'-11 1/2"	A500 Gr. B
4	2	0033.91060	HSS 3" X 5" X 1/4" RAIL @ 29'-11 1/2"	A500 Gr. B
5	4	0033.91061	HSS 6" X 6" X 3/16" RAIL @ 22'-6 3/4"	A500 Gr. B
6	2	0033.91062	HSS 6" X 6" X 3/16" RAIL @ 23'-11 1/2"	A500 Gr. B
7	4	0033.91063	HSS 6" X 6" X 3/16" RAIL @ 29'-11 1/2"	A500 Gr. B
8	4	0033.00840	2-1/8" X 4-1/4" FIX. SPLICE BAR @ 2'-3"	A572 Gr. 50
9	8	0033.00640	HSS 5" X 5" X 5/16" FIX. SPLICE TUBE @ 2'-3"	A500 Gr. B, A572 Gr. 50
10	17	0033.00220	3/8" X 10" X 14" ANCHOR PLATES (END POST)	A572 Gr. 50
11	17	0033.90050	1/8" X 10" X 14" FABRIC PAD	AASHTO M251
12	68	0042.21013	Ø 1" X 13" ANCHOR STUDS, W/ 2 1/4" THD. EACH END	A449 Gr. 1, CLASS 8.8
13	136	0080.18901	Ø 1" HEAVY HEX NUTS	A563
14	136	0080.18911	Ø 1" FLAT WASHERS	F436
15	68	0080.18905	Ø 1" HEX JAM NUTS	A563
16	68	0080.07500	Ø 7/8" X 8" ROUND HEAD BOLT, NUT, SQ. WASHER, L.W.	A449, A563, F436, ASME B18.21.1
17	17	0080.06400	Ø 3/4" X 8" HEX BOLT, NUT, (2) F.W., & L.W.	A325, A563, F436, & ASME B18.21.1
18	34	0080.06140	Ø 3/4" X 2-3/4" HEX BOLT, NUT, (2) F.W., & L.W.	A325, A563, F436, & ASME B18.21.1
19	32	0080.06340	Ø 3/4" X 7-1/2" HEX BOLT, NUT, & (2) F.W.	A325, A563, & F436
20	16	0080.06255	Ø 3/4" X 4-1/2" HEX BOLT, NUT, & (2) F.W.	A325, A563, & F436
21	17	0033.00500	L5" X 5" X 5/8" RAILING ANGLE @ 6°	A572 Gr. 50
22	N/A		DELINEATORS - NOT SHOWN	(SUPPLIED BY CUSTOMER)

Vermont Agency of Transportation
RECEIVED
 CK'D BY J. Griffin OK'D BY J. Lacroix
 December 19, 2013
 RESUBMIT YES Rejected
 BY J. Lacroix DATE 1/7/2014

ITEM #: 525.335 F.R. LAFAYETTE, BRISTOL SHEET 2 OF 3

APPROVED BY: _____

BRIDGE RAIL DETAILS SHEET
 BRISTOL, BRO 1445 (32), SOUTH STREET, BRIDGE #31
 TOWN OF BRISTOL, ADDISON COUNTY, VERMONT

R	NO.	DATE	DESCRIPTION	BY	R	NO.	DATE	DESCRIPTION	BY
E				E.P.	E				
V				V	V				

ELDERLEE, INC.
 OAKS CORNERS, NEW YORK 14518
 E-Mail: diong@elderlee.com
 Tel: 315-789-6670 Fax: 315-789-6615

CERTIFIED FABRICATOR

DRAWN	E.P.	11/13/13
CHECKED	D.L.	11/20/13
APPROVED	.	.
SCALE	SCHEMATIC	
DRAWING NO. F.R. LAFAYETTE, BRISTOL		