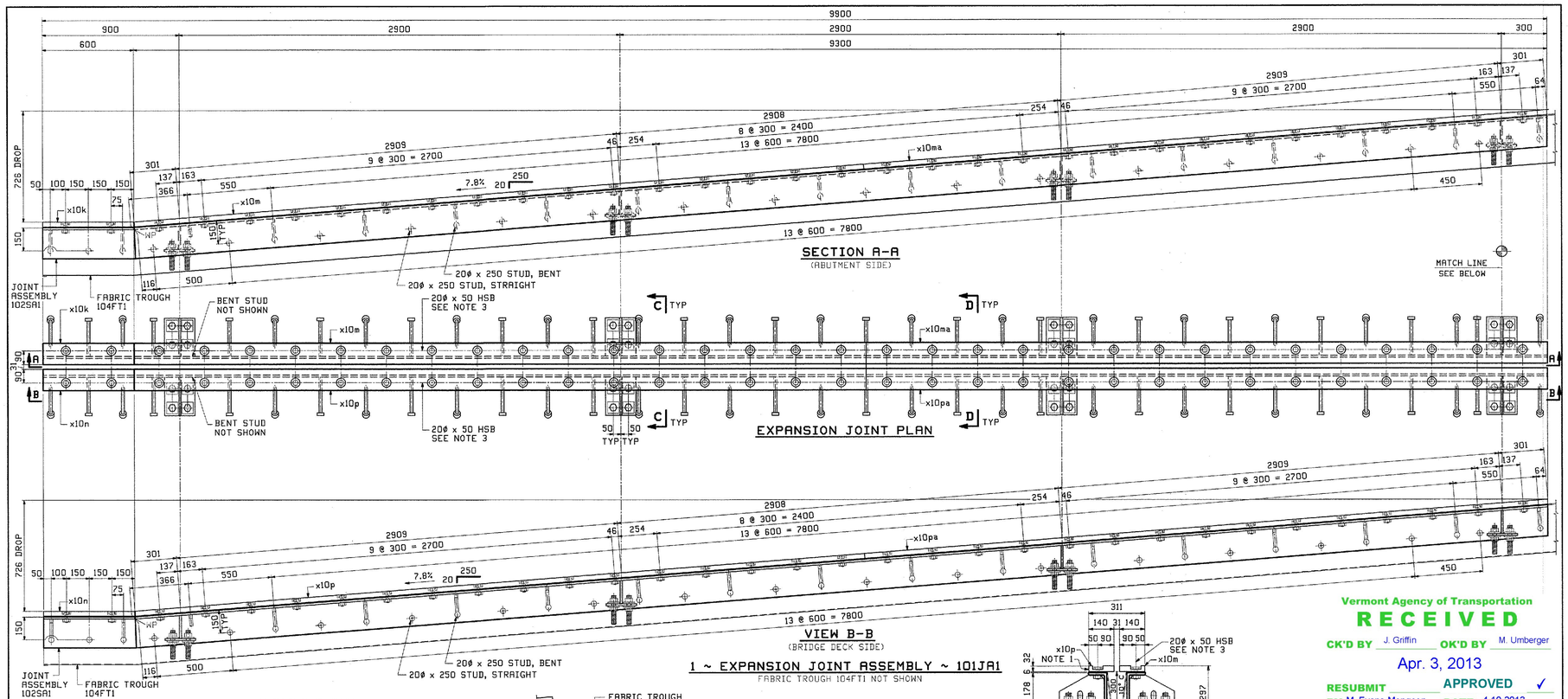
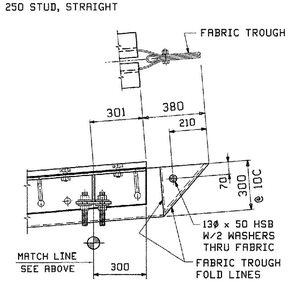


SECTION A-A
(ABUTMENT SIDE)

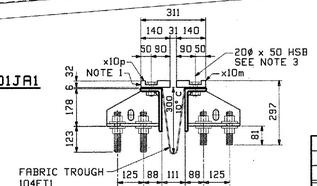
EXPANSION JOINT PLAN

VIEW B-B
(BRIDGE DECK SIDE)

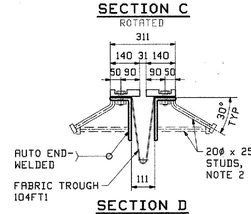
1 ~ EXPANSION JOINT ASSEMBLY ~ 101JA1
FABRIC TROUGH 104FT1 NOT SHOWN



VIEW B-B, CONT'D



SECTION C
ROTATED



SECTION D
ROTATED

NOTES:

1). 2x80 BUTYL RUBBER TAPE MK 101TP1 STANDARD SPEC SUBSECTION 707.12 CENTERED ON LINE OF BOLTS AND PLACED BETWEEN ANGLE AND FABRIC.
2.) STUDS WELDED @ 300 O/C. BENT AS SHOWN, ALTERNATE WITH STRAIGHT STUDS @ 300 O/C.
3.) WELD NUTS UNDERNEATH ON (3) SIDES COAT BOLT & NUT THREADS WITH NICKEL BASED NEVER SEIZE LUBE.

BILL OF MATERIAL

ABM INFO PAGE	ABM INFO LINE	SHIP MARK	QTY	MARK	MATERIAL	LENGTH m	LENGTH mm	REMARKS	WT	PROCUREMENT NOTES
		101JA1	1		EXP JOINT ASSEMBLY				1329 kg 2930 lbs	
7	F		1	x10k	PL 32x140	0	601	GALV	21 kg 47 lbs	
7	G		1	x10n	PL 32x140	4	815	GALV	160 kg 353 lbs	
7	G		1	x10ma	PL 32x140	4	514	GALV	159 kg 350 lbs	
7	H		1	x10n	PL 32x140	0	601	GALV	21 kg 47 lbs	
7	J		1	x10p	PL 32x140	4	815	GALV	160 kg 353 lbs	
7	J		1	x10pa	PL 32x140	4	514	GALV	159 kg 350 lbs	
9	B		66		20ø HSB	0	50	GALV, MASCO-1	.24 kg .53 lbs	
9	C		66		20ø HWN			GALV. GR DH A563	.08 kg .18 lbs	
9	K		70		STUD 20ø	0	250	3/4 DIA x 10 AUGM	.33 kg .73 lbs	
			1	102SA1	LOWER JOINT SUB-ASSY				788 kg 1733 lbs	
9	M		2	101TP1	2mm x 80 x 9930 TAPE			BUTYL RUBBER TAPE SPEC 707.12	.50 kg .00 lbs	
			1	104FT1	FABRIC TROUGH			3 PLY FABRIC	.00 kg .00 lbs	
9	Q		1		13ø HSB	0	50	GALV. MASCO-1	.09 kg .20 lbs	
9	R		1		13ø HWN			GALV. GR DH A563	.03 kg .07 lbs	
9	S		2		13ø HSW			GALV. F436	.01 kg .02 lbs	

JOB NO.	DRAWING NO.	REV.
524	101	

Vermont Agency of Transportation
RECEIVED
CK'D BY J. Griffin OK'D BY M. Umberger
Apr. 3, 2013
RESUBMIT APPROVED ✓
BY M. Evans-Mongeon DATE 4-10-2013

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0					MAR 28 2013	

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270M-250 UN	GALV	AS NOTED	AS NOTED

DESCRIPTION: EXPANSION JOINT ASSEMBLY

CASCO BAY STEEL STRUCTURES, INC.
1 WALLACE AVE. PHONE (207) 780-6722
SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726

STRUCTURE: VT ROUTE 108, BRIDGE #21
MAJOR COLLECTOR
TOWN OF CAMBRIDGE
COUNTY OF LAMOILLE, VERMONT

DRAWN: TJB DATE: 03/19
CHK'D: DH DATE: 03/25

LOCATION: CAMBRIDGE, VERMONT
JOB NO. 524
DWG NO. 101
PROJ NO. BRF 027-1(4)
CUSTOMER: A. L. ST. ONGE CONTRACTING
REV. △