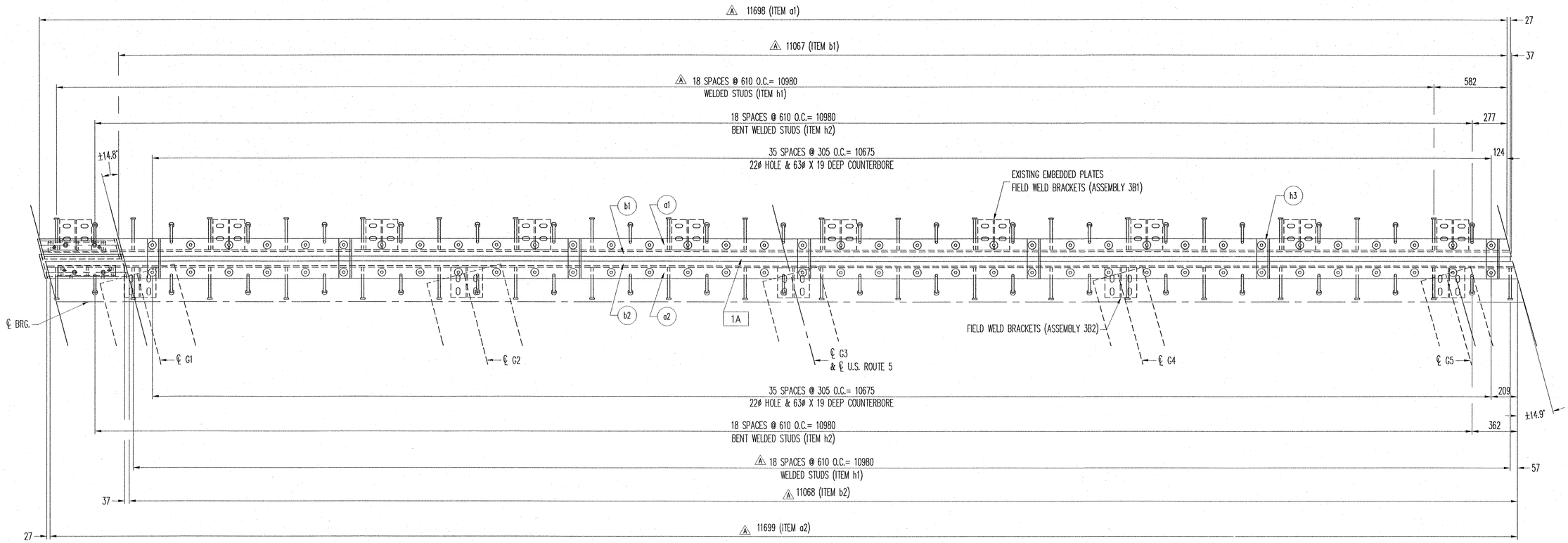


MK	QTY.	DESCRIPTION	MATERIAL	LENGTH	REMARKS	PART NO.
1A	1	EXP. JOINT ASSEMBLY		11783 ⚠	HDG	
a1	1	L203 x 102 x 13	A36	11725 ⚠		15-100
a2	1	L203 x 102 x 13	A36	11726 ⚠		15-100
b1	1	FB 32 x 140	A36	11104 ⚠		16-179
b2	1	FB 32 x 140	A36	11105 ⚠		16-179
⚠ h1	38	WS 19 x 255	A108			29-19
h2	38	WS 19 x 255	A108		BEND 45° @ 76	29-19
h3	7	L 102 x 102 x 13	A36 B	317		15-62
h4	58	HB 19 x 57	A325 MG			23-118
h5	14	HB 19 x 89	A325 MG			23-133
h6	72	FW 19	F436 MG			27-8
h7	72	MI 19 FERRULE LOOP INSERT	ZP		DAYTON/RICHMOND F-42	35-9
f1	1	EP 5 x 634		11810	3 PLY. FABRIC TROUGH	
db1	1	EP 5 x 13		225	3 PLY. DRIP BEAD	
m1	2	MI 3 x 38 BUTYL RUBBER TAPE	MCMASTER CARR #7638S15	15.24M ROLL		
m2	1	MI ANTI SEIZE GREASE				
ps1	1	PL 16 x 313	A36	1139		19-18
pf1	1	PL 16 x 269	A36	1070		19-18
pa1	1	PL 16 x 202	A36	1053		19-18
pa2	1	PL 16 x 196	A36	1000		19-18
pv1	1	PL 16 x 242	A36	600		19-18
pv2	1	PL 16 x 222	A36	566		19-18
st1	6	PL 16 x 76	A36	76		19-18
ac1	2	L 102 x 89 x 10	A36	457		15-57
h30	8	MB 19 x 57	A325 HDG			24-219
h31	8	HB 19 x 50	A325 HDG			23-116
h32	16	HN 19	A563DH HDG			25-9
h33	16	MI 19 PLASTIC END CAP			MCMASTER CARR #9567K14	31-141
h20	10	WS 22 x 178	A108			29-24

NOTE: ALL MATERIALS SPECIFICATION DESCRIPTIONS ARE ASTM, UNLESS OTHERWISE NOTED.

SHOP NOTES:
COAT BOLTS AND INSERTS WITH NEVER SEIZE GREASE PRIOR TO ASSEMBLY.
WRENCH TIGHTEN BOLTS AFTER ASSEMBLY UNIT.
SEAL ALL ACCESSIBLE JOINTS FOR GALVANIZING.

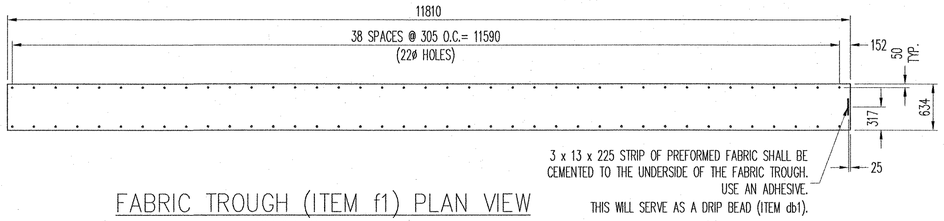
CONTRACTOR NOTES:
REMOVE SHIPPING ANGLES AND REPLACE BOLTS WITH 19ø x 57 BOLTS (ITEM 2h4).
REUSE EXISTING FLAT WASHERS.
COAT BOLT THREADS WITH ANTI SEIZE GREASE PRIOR TO ASSEMBLY.
IN THE EVENT THAT A BRACKET ASSEMBLY ALIGNS WITH A STUD, REMOVE STUD.

MK	QTY.	DESCRIPTION	MATERIAL	LENGTH	REMARKS	PART NO.
		LOOSE ITEMS				
3B1	10	BRACKET TEE ASSEMBLY			HDG	
t1	10	PL 10 x 140	A36	240		19-14
t2	10	PL 16 x 240	A36	254		19-18
3B2	5	BRACKET TEE ASSEMBLY			HDG	
t3	5	PL 10 x 140	A36	240		19-14
t4	5	PL 16 x 240	A36	254		19-18
2h4	16	HB 19 x 57	A325 MG		(14)	
3h10	44	RB 25 CONT. THREAD	A36	159	(40) HDG	18-27
3h11	24	RB 25 CONT. THREAD	A36	241	(20) HDG	18-27
3h12	136	HN 25 HVY	A563DH		(120) HDG	25-15
3h13	136	FB 10 x 76	A36	76	(120) HDG	16-73

NOTE: ALL MATERIALS SPECIFICATION DESCRIPTIONS ARE ASTM, UNLESS OTHERWISE NOTED.

PLAN VIEW NO. 1

U.S. ROUTE 5 OVER LULLS BROOK
BRIDGE NO. 60
ABUTMENT 2
VERMONT EXPANSION JOINT
ITEM NO. 516.10
(1) JOINT TOTAL



FABRIC TROUGH (ITEM f1) PLAN VIEW

CONTRACTOR SHALL TRIM IF NEEDED.

RECEIVED
OK'D BY _____ OK'D BY _____
FEB 15 2006
RESUBMIT _____ APPROVED ✓
BY _____ DATE 2/14/06

REV.	DESCRIPTION	DATE	DET.	CH.D.
⚠	REVISED LENGTH	1-31-06	TMB	TLJ

D.S. BROWN
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
4201 NOREX DRIVE
CHASKA, MINNESOTA 55318
952.368.3000
FAX: 952.448.7000
DSBROWN.COM

LOCATION — U.S. RTE. 5 OVER LULLS BROOK
BRIDGE — 60
PROJECT — BRS 0113 (22)
TOWN — HARTLAND
P.O. NO. — 2004
DESIGNER — MCFARLAND-JOHNSON, INC.
CUSTOMER — MILLER CONSTRUCTION

ITEM	QUANTITY

DESCRIPTION:
EXPANSION JOINT PLAN VIEW
WINDSOR COUNTY, VERMONT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	SHEET
N.T.S.	T.BOWERS	T.JOHNSON	10-7-05	2 OF 5
PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET	
14032	1042		2	

145 SCUP