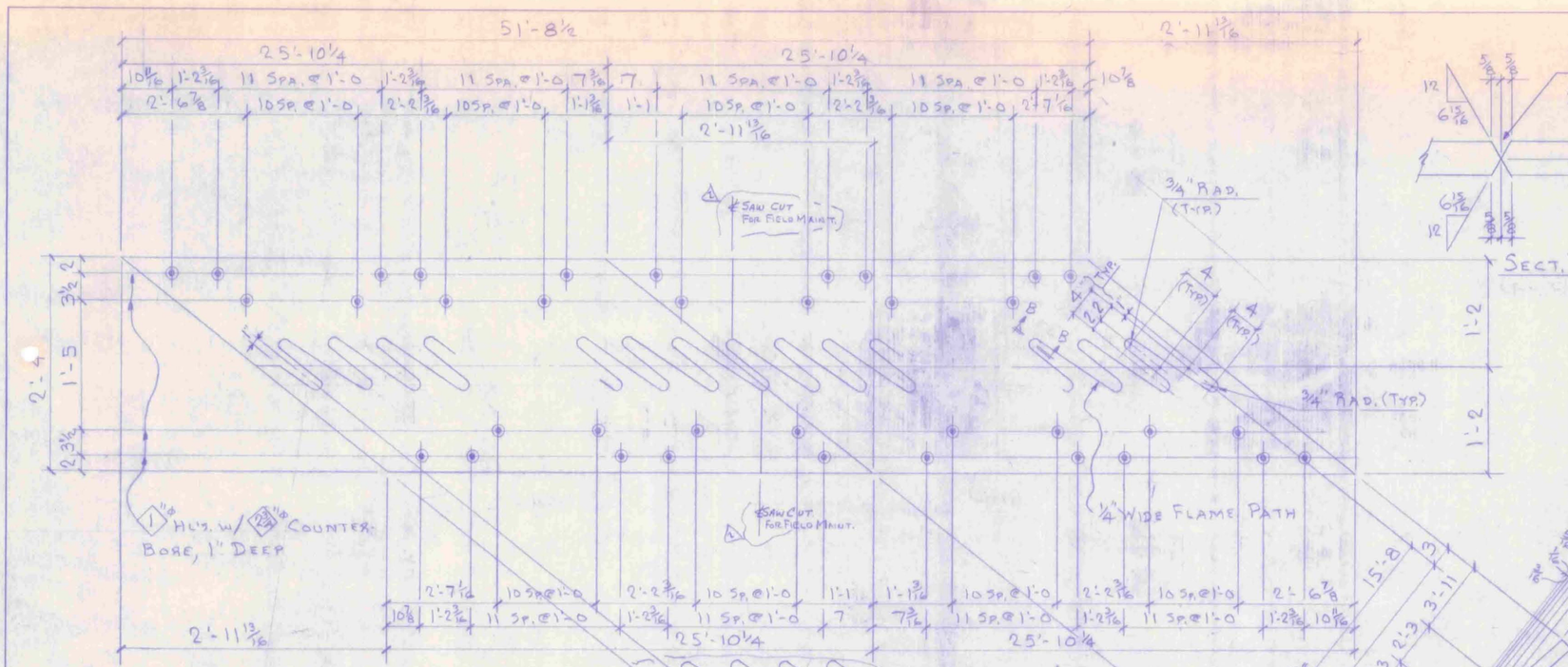
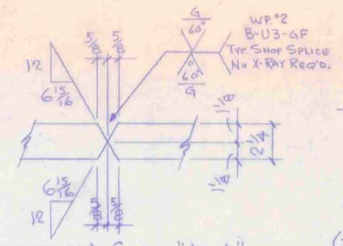
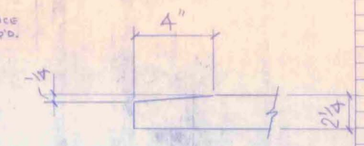




SECT. "A-A"



SECTION "B-B"
(TYP. PREP. @ ALL FINGER ENDS)

IDENTIFICATION LETTERS		
a	aa	AA
b	bb	BB
c	cc	CC
d	dd	DD
f		FF
g		GG
h		HH
k		KK
m		MM
n		NN
p		PP
s		
t		
y		
w		
y-		

BILL OF MATERIAL

MK	QUAN	DESCRIPTION	LENGTH FT	LENGTH IN	REMARK	SAW	BURN	SHEAR	PCES	WT.
EJ2	2	EXPANSION JOINTS								
a	2	PL 2¼x28	19	2 15/16	TOOTH PL. 1 CUTS 8					736.6
b	2	PL 2¼x28	19	11 9/16	( )					764.6
c	2	PL 2¼x28	19	11 9/16	↓ ↓					764.6
d	2	PL 2¼ x 7 7/16	0	9	FROM DROP PL (b)					—
f	2	PL 2¼x 7 7/16	0	9	FROM DROP PL (c)					—
g	4	L 8 x 6 x 1	57	2	SEE DET. SHT. 7					1010.8
h	2	PIT-FORMED FABRIC (3P-10 33 X)	57	11	SEE DET. 8-7 AND SHOP NOTE #8					115
K	20	WT 6 x 29	0	9	SEE DET. THIS SHT.					435
m	8	L 4 x 4 x 3/8	1	4	SEE DET. SHT. #7					105
n	24	¾" Ø H.S. BOLTS W/HN. & FL. W.	0	2½	A 307M-A325 A307 A153					12
p	376	¾" Ø H.H. BOLT W/FL. WA. & FL. FORMING THREAD	0	3½	-DO-					280
s	372	7/8" Ø WELD STUD	1	0	50% DEWT PER SECT. "B-B" SHT. 5					416
t	47	L 3 x 2½ x ¼	3	2						418
	1	BUTYL TAPE 1/16 x 3"			SEE SHT. #7 AND SHOP NOTE #4					—
	4	DRIP BEAD STRIP ¼		9	SEE SHT. #7 AND SHOP NOTE #3					—
					TOTAL WT:					34,547#

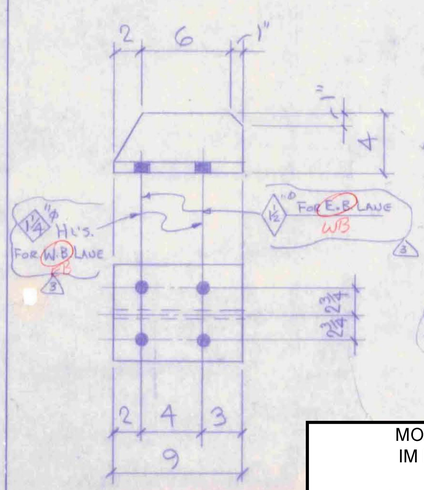
RECEIVED 11/21/90
CK'D BY CPW OK'D BY
RESUBMIT BY APPROVED AS NOTED DATE 11/27
L. Bolhum

WORK THIS DRAWING W/ SHT'S. 5 & 7.

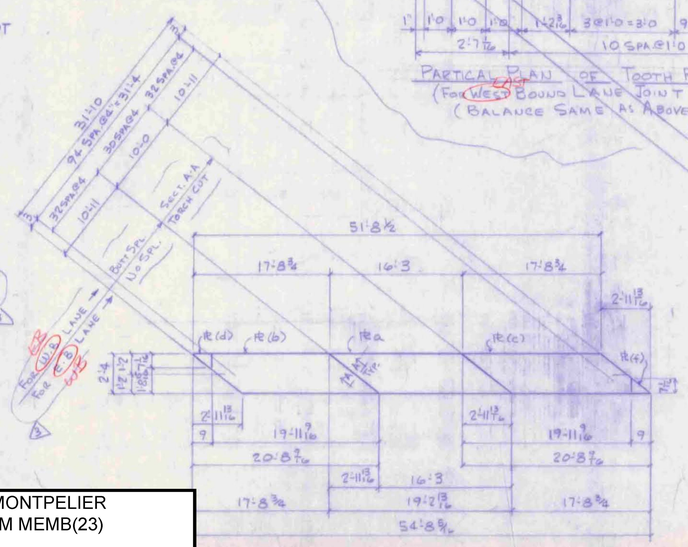
DETAIL OF TOOTH PLATE

L 3 x 2½ x ¼ x 3'-2 (A57M-A36)

DETAIL ~ L (t)

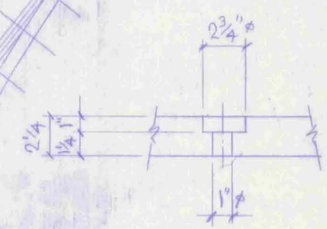


DETAIL OF WT (K)



SPLICING LAYOUT OF TOOTH PLATE

PARTIAL PLAN OF TOOTH PLATE
(FOR WEST BOUND LANE JOINT)
(BALANCE SAME AS ABOVE)



TYP. SECT. THRU COUNTER-BORE HOLES

REV. NO.	SHEET NO.	REVISIONS	DATE	BY
3		CHANGES AS REQUESTED PER VERMONT DOT	11/27/90	
2		MISLOCATED HLS. FOR W. BOUND LANE JOINT	5/24/90	
1		OMITTED SHIPPING BOLTS	7/1/90	

UNITED STEEL FABRICATORS, INC.
P.O. BOX 516
SIDNEY, OHIO 45365
TELEPHONE (513) 492-9184

PROJECT: MONTPELIER IR089-2 (18)
PIER "10" EXPANSION JOINT DETAILS
189 OVER THE WINOOSKI RIVER
STATE OF VERMONT

CONTRACTOR: BECK & BELLUCI

MFG. NO. 8359
DRAWN C. HAYDEN
CHK'D 5/24/90
APP.
REF. 516.10
SHEET 6 OF

MONTPELIER
IM MEMB(23)

SHEET 63 OF 63
BRIDGE 42N&S
FOR REFERENCE ONLY