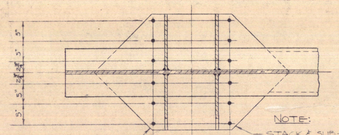
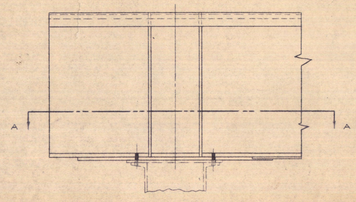
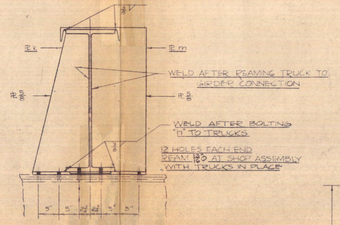


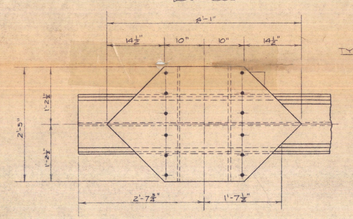
SECTION A-A

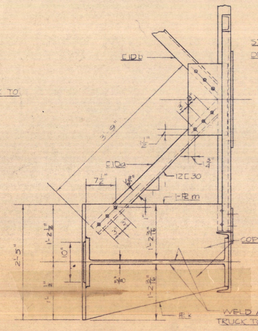
NOTE:
STACK & SUB-DRILL 1 1/16" DIA 4-1Φ HOLES AS PER LAYOUT SHOWN MOUNT ON TRUCKS AND REAM 1 1/16" DIA HOLES BEFORE WELDING TO GIRDER

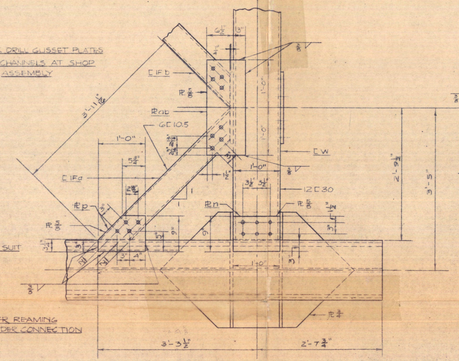




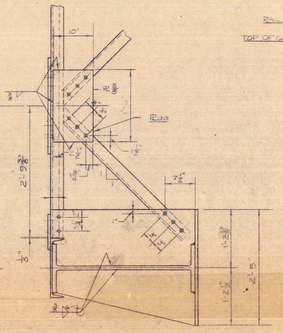
TYPICAL TRUCK TO GIRDER CONNECTION DETAIL

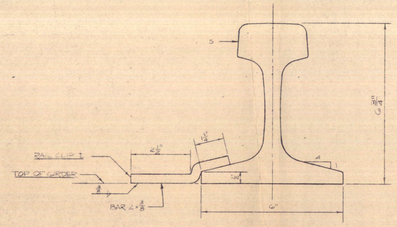




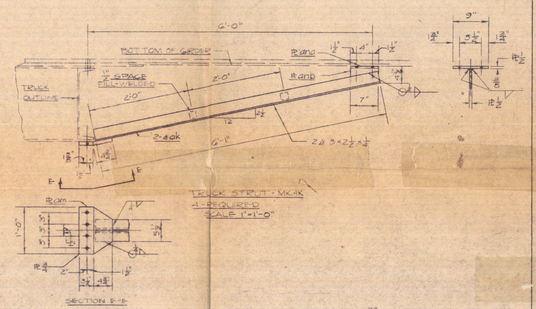


TYPICAL BRIDGE GIRDER END BRACING DETAIL
SCALE 1"=1'-0"



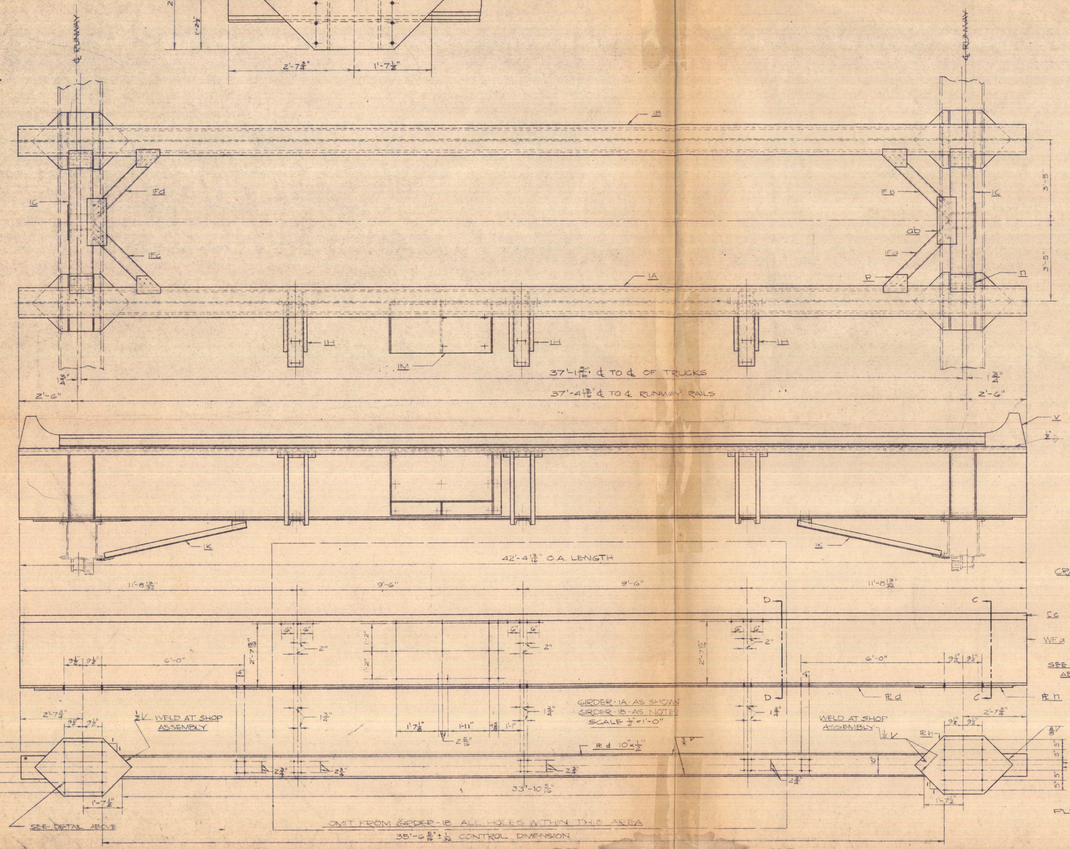


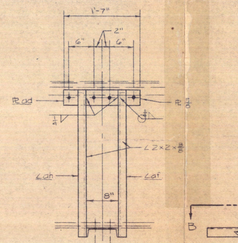
RAIL CLIP DETAIL
36 REQUIRED - SPACED 4'-0" C TO C BOTH SIDES OF RAIL
SCALE 6"=1'-0"



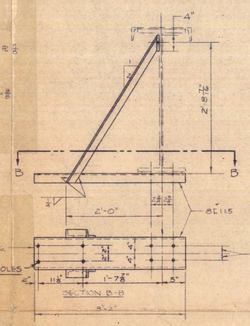
TRUCK STRUT - MK-K
4 REQUIRED
SCALE 1"=1'-0"

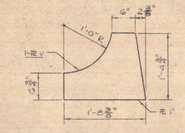
SECTION B-B



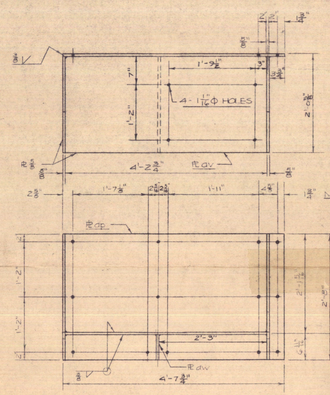


BRIDGE DRIVE-MK-H
BEARING SUPPORT
3 REQUIRED
SCALE 1"=1'-0"

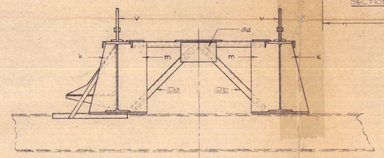




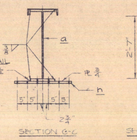
TROLLEY WHEEL STOP-MK-V
4 REQUIRED
SCALE 1"=1'-0"



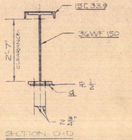
BRIDGE DRIVE-MK-M
MOTOR SUPPORT 1 REQ'D
SCALE 1"=1'-0"



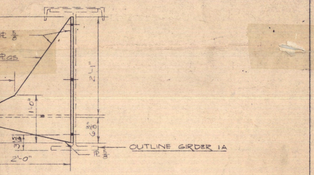
CRANE BRIDGE ASSEMBLY
SCALE 1/8"=1'-0"



SECTION G-G



SECTION D-D



OUTLINE GIRDER 1A

WHEN ORDERING PARTS PLEASE GIVE THE FOLLOWING INFORMATION
1. SERIAL NO. 9757
2. PARTS NO.
3. THIS DRWG NO 9757

BILL OF MATERIAL

NO. TO SHEET	SHIPPING MARK	NO. PIECES	NO. TO MARK	SECTION	LENGTH FT	LENGTH IN	REMARKS	WT. / FT	WT	TOTAL WT.
1	1A		a	36 WF 150	42	4 1/2	AS SHOWN	150	6370	
1	1B	1	b	36 WF 150	40	00	AS NOTED	150	6370	
		2	c	[33.9	20	00		33.9	2572	
		1	d	PL 10 x 1/2	35	10 1/2	T AS SHOWN	170	596	
		1	e	PL 10	00	10 1/2	T AS SHOWN	170	596	
		4	f	PL 29 x 3/4	4	1	T	765.0	848	
		8	k	PL 14 3/4 x 3/4	2	11	T	30.8	504	
		8	m	00	8	2 1/2	T	30.8	782	
		4	n	PL 9 x 1/2		0		19.1	76	
		4	p	00		0	T	19	60	
		2	r	3/4" ROUND BAR	39	6	T 3'-0" C/C/ 1/2"	1.52	237.0	
		8	t	BAR 2 x 3/8	0	4 1/2	RAIL CLIP BENT	2.55	54	
		4	v	PL 7 x 1		8	T	57.8	924	7392
2	1C	2	w	12 [30	5	6 1/2		30	334	
		4	aa	PL 10 x 1/2	1	6		21.3	128	
		2	bb	PL 9 1/2 x 1/2	2	0		20.7	82	544
				12 [30	8	3	T	30	112	
				[33.9	36	10	T	33.9	00	
				00	00	00	T	00	00	

BILL OF MATERIAL CONT.

NO. TO SHEET	SHIPPING MARK	NO. PIECES	NO. TO MARK	SECTION	LENGTH FT	LENGTH IN	REMARKS	WT. / FT	WT	TOTAL WT.
				12 [30	3	3	T	30	112	448
1	1Fa	1		6 [10.5	3	10 1/2	T	10.5	40	
	1Fb	1		00	00	00	T	00	00	
	1Fc	1		00	00	00	T	00	00	
1	1Fd	1		00	00	00	T	00	00	00
3	1H	3	dc	8 [11.5	3	2		11.5	68	
		3	dd	PL 4 x 1/2		7		6.5	39	
		3	ff	2 x 2 x 1/4	3	7 1/2	T	4.7	311	
		3	gh	00	00	00	3/4" ROUND	00	00	1.00
4	1K	8	dk	L 3 x 2 1/2 x 1/4	6	1		4.5	224	
		4	dm	PL 9 x 1/2	1	0	T	PLATE	21.0	84
		4	dn	PL 9 x 1/2 ALT. USE	0	7			11.9	38
		4	dnb	PL 7 x 1/2 STK. 6.5	00	00	T	11.9	57	371
1	1M	1	dp	PL 12 x 1/2	4	7 1/2		00	318	
		2	dq	PL 24 x 1/2	2	8	T	51	142	
			dr	00	4	2 1/2		32	64	
		1	dv	PL 6 1/2 x 1/2	2	0	T	13.6	27	1187
										3.49

FIELD RIVET LIST

NO. PIECE	DIAMETER	LENGTH	WT. PER WT	TOTAL WT.	CONNECTION
16	3/4"	4 1/2 (D) *	7.0	112	n TO TRUCK
48	00	3 1/2 (3 1/2) *	3.4	163	n TO TRUCK AS TO TRUCK
12	00	2 1/2 (2 1/2) *	5.8	69.6	dc TO n
25	00	2 1/2 (2 1/2) *	4.5	112.5	dd TO dJ TO d
44	00	2 1/2 (2 1/2) *	4.5	198	PL TO 750 MEM
16	00	3 1/2 (4) *	5.7	91.2	n TO d
				1527	

FIELD ALL HOLES FOR 3/4" RIVETS
BALANCE UNDERLINED
PAINTING: FORMING COAT OF ZINC-CHROMATE

* NUMBER IN PARENTHESIS ( ) REPRESENTS LENGTH OF RIVET FURNISHED BY BERGER ENGR. CO.

BERGER ENGINEERING COMPANY
SEATTLE

DRAWING NO. FILE	SCALE	DRAWN BY	CHECKED BY	DESIGN APPROV	DATE
9757-6	AS NOTED				

CRANE BRIDGE DETAIL
KAJAKAI INTAKE CRANE