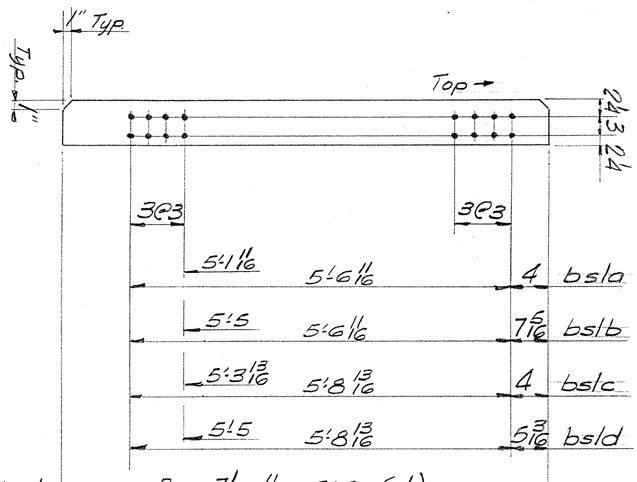
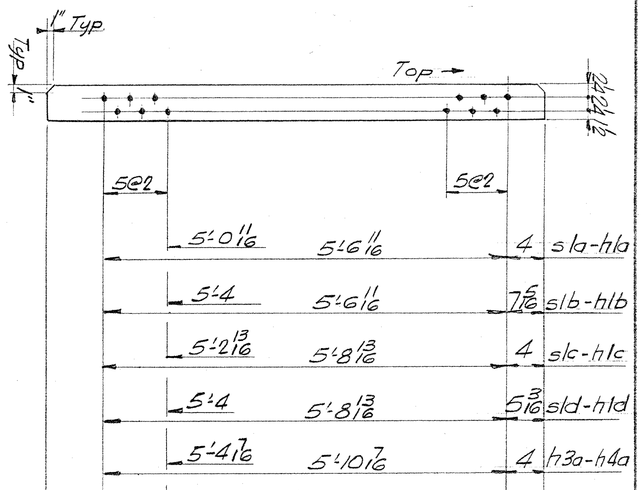
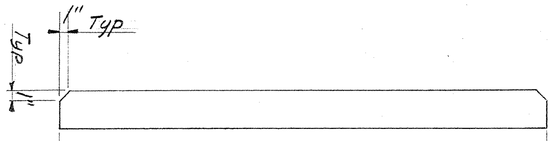


5'-1 1/16	5'-6 11/16	4	bs1a
5'-5	5'-6 11/16	7 5/16	bs1b
5'-3 13/16	5'-8 13/16	4	bs1c
5'-5	5'-8 13/16	5 3/16	bs1d

4-bs1a	Bar 7½ × 11/16 × 6'-6 (+4)
4-bs1b	do × 6'-6 (+4)
4-bs1c	do × 6'-6 (+4)
4-bs1d	do × 6'-6 (+4)



5'-0 11/16	5'-6 11/16	4	s1a-h1a
5'-4	5'-6 11/16	7 5/16	s1b-h1b
5'-2 13/16	5'-8 13/16	4	s1c-h1c
5'-4	5'-8 13/16	5 3/16	s1d-h1d
5'-4 7/16	5'-10 7/16	4	h3a-h4a
5'-7 3/4	5'-10 7/16	7 5/16	h3b-h4b
5'-6 9/16	6'-0 9/16	4	h3c-h4c
5'-7 3/4	6'-0 9/16	5 3/16	h3d-h4d
6'-4 11/16	6'-10 11/16	4	h6a-h7a
6'-8	6'-10 11/16	7 5/16	h6b-h7b
6'-6 13/16	7'-0 13/16	4	h6c-h7c
6'-8	7'-0 13/16	5 3/16	h6d-h7d



4-bs1	Bar 7½ × 11/16 × 6'-6 (+4)
152-s1	Bar 6 × 3/8 × 6'-6
8-h1	× 6'-6 3/16
16-h2	× 6'-7 3/8
8-h3	× 6'-9 3/4
8-h4	× 7'-1 5/16
16-h5	× 7'-5 1/4
8-h6	× 7'-10
8-h7	× 8'-3 9/16
16-h8	× 8'-9 15/16
16-h9	Bar 6 × 3/8 × 9'-5 3/16

18-s1a	Bar 6 × 3/8 × 6'-6
18-s1b	× 6'-6
18-s1c	× 6'-6
18-s1d	× 6'-6
2-h1a	× 6'-6 3/16 (+4)
2-h1b	× 6'-6 3/16 (+4)
2-h1c	× 6'-6 3/16 (+4)
2-h1d	× 6'-6 3/16 (+4)
2-h3a	× 6'-9 3/4 (+4)
2-h3b	× 6'-9 3/4 (+4)
2-h3c	× 6'-9 3/4 (+4)
2-h3d	× 6'-9 3/4 (+4)
2-h4a	× 7'-1 5/16 (+4)
2-h4b	× 7'-1 5/16 (+4)
2-h4c	× 7'-1 5/16 (+4)
2-h4d	× 7'-1 5/16 (+4)
2-h6a	× 7'-10 (+4)
2-h6b	× 7'-10 (+4)
2-h6c	× 7'-10 (+4)
2-h6d	× 7'-10 (+4)
2-h7a	× 8'-3 9/16 (+4)
2-h7b	× 8'-3 9/16 (+4)
2-h7c	× 8'-3 9/16 (+4)
2-h7d	Bar 6 × 3/8 × 8'-3 9/16 (+4)

Holes

1/16" ⌀

HOLES ARE FOR HIGH TENSILE BOLTS They are to be free from burrs and shall not be painted on any surface within 5" of such open holes.

Quantities shown are for One Bridge

IR 089-1(13)
This sheet for information only
BR 11 N & S
Proj. No. I-89-1(6)

SHEET 93 OF 101

N.B. & S.B. BRIDGES

STIFFENER DETAILS

Brancroft & Martin Inc.
South Portland, Maine

I-89 - BRIDGE OVER WHITE RIVER
HARTFORD, VERMONT

CUSTOMER CARACHEITE BROS. INC.
DESIGNER VERMONT DEPT. OF HIGHWAYS

ORDER NO. VERBAL
DWG. NO. 65-371-S19

DRAWN 2/15/66 J.P.F.
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APP. 4-6-66