

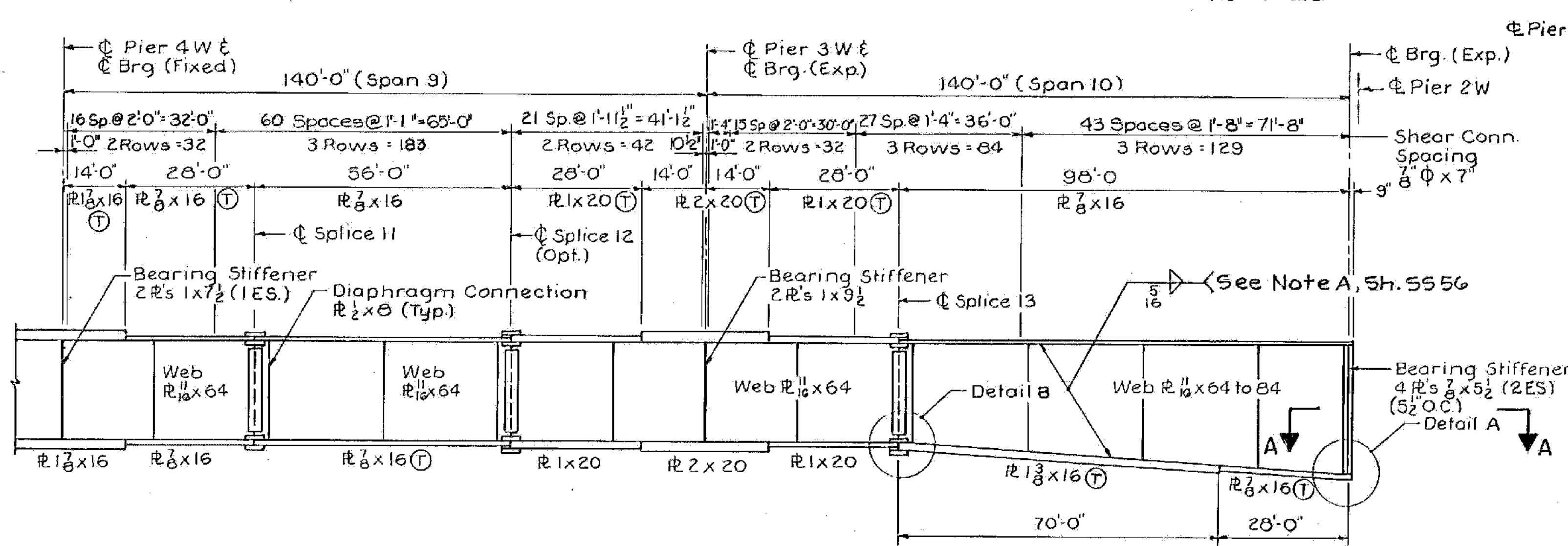
Ⓣ - Notch Toughness Test

GIRDER ELEVATION - SPANS 5 THRU 10 (UNIT 2)

No Scale

UNIT 2							
BEAM NO.	A	B	C	D	E	F	G
G1-G5	0.00	6.26	12.66	19.03	25.16	30.13	34.08

Dimensions A-G Measured in Feet



\* Ordinates For Web Plate Layout

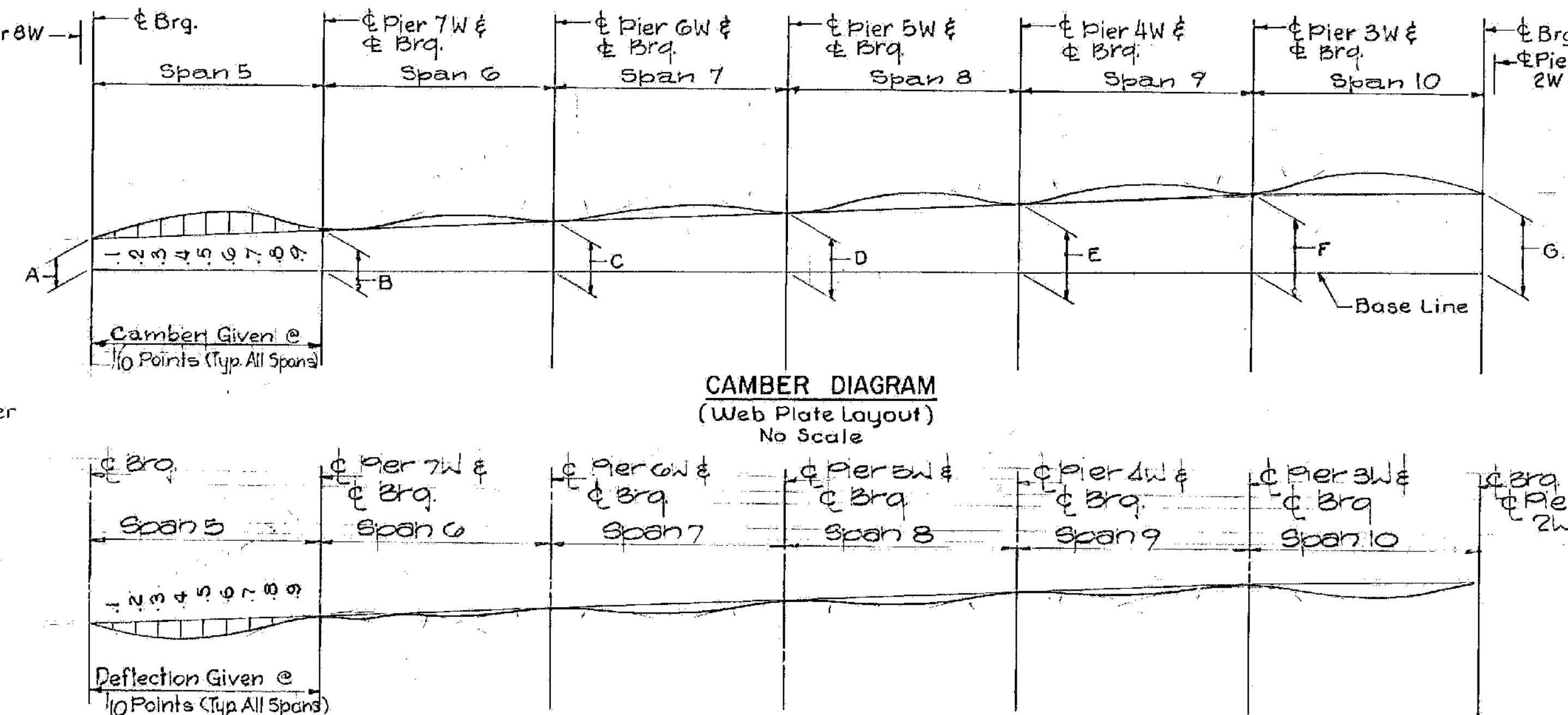
GIRDER ELEVATION (CONT'D)

No Scale

CAMBER * (Inches)												
Span	Gdr.	Ⓣ Brq.	1	2	3	4	5	6	7	8	9	Ⓣ Brq.
5	1-5	0	1'2	2'3/16	3'11/16	4'1/8	4'1/8	3'1/2	2'5/8	1'9/16	0	0
			0	-1/8	3/16	5/8	1'1/16	1'5/16	1'4	1'3/16	1'2	1/8
6	1-5	0	3/8	1	1'5/8	2'1/8	2'3/16	2	1'1/2	1'3/16	1'4	0
			0	1'2	1'5/16	2'1/8	2'7/8	3'3/16	3'1/16	2'9/16	1'11/16	1'3/16
7	1-5	0	1'16	1'7/16	2'3/16	2'5/8	2'11/16	2'3/8	1'13/16	1'1/16	7/16	0
			0	1'3/16	2'1/2	3'11/16	4'5/8	5'1/8	5'1/16	4'7/16	3'5/16	1'9/16

DEFLECTION (Inches)												
Span	Defl.	Ⓣ Brq.	1	2	3	4	5	6	7	8	9	Ⓣ Brq.
5	Steel Only	0	1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	0
	Total	0	1'7/16	2'5/8	3'7/16	3'13/16	3'11/16	3'3/16	2'5/8	1'7/8	1'2	0
6	Steel Only	0	1/16	0	1/16	1/8	3/16	3/16	1/2	5/16	0	0
	Total	0	-3/16	0	3/8	1'1/16	7/8	7/8	5/8	5/16	0	0
7	Steel Only	0	1/16	3/8	4/8	3/8	3/8	5/16	4/8	1/2	1/16	0
	Total	0	1'4	1'3/16	1'3/8	1'3/4	1'7/8	1'11/16	1'4	1'1/16	3/16	0
8	Steel Only	0	0	1/8	4/8	5/16	3/8	5/16	4/8	1/2	1/16	0
	Total	0	1'8	5/8	1'1/8	1'9/16	1'3/4	1'11/16	1'4	3'4	1'4	0
9	Steel Only	0	0	1/8	1/8	3/8	3/8	1/2	1/2	0	-1/16	0
	Total	0	1'16	3/8	1'1/16	1'5/16	1'5/16	3'4	3/8	0	-3/16	0
10	Steel Only	0	1/8	5/16	7/8	5/8	1'1/16	1'1/16	5/8	7/16	4/8	0
	Total	0	3/16	1'3/8	2'1/4	3	3'3/8	3'3/8	3	2'1/4	1'3/16	0

Deflection Values Are For Girders 1-5



DEFLECTION DIAGRAM

No Scale.

NOTES:

- For Framing Plan, see Sheet S557.
- For Section A-A, see Sheet S561.

ALBURGH-ROUSES POINT  
BHF MEMB(24)  
SHEET 28 OF 50  
FOR REFERENCE ONLY

**STATE OF VERMONT**  
**AGENCY OF TRANSPORTATION**

TOWN OF ROUSES POINT N.Y. - ALBURGH VT. Bridge No. 1  
HIGHWAY NO. ROUTE 2 Log Sta. 0+00  
Surv. Sta.

GIRDER ELEVATION - UNIT 2  
(STEEL ALTERNATE)

Designed by S.M. Drawn by RDE/SZ  
Checked by K.A.C. date 9-25-84 Bridge Design Supervisor C.J.M./S.M. date 10-31-84

PROJECT ROUSES POINT BRIDGE REPLACEMENT PROJECT NO. BRP 028-1(II)  
Bridge Sheet No. S558 Sheet of

**HNTB**  
HOWARD NEEDLES TAMMEN & BERGEN/VOORP