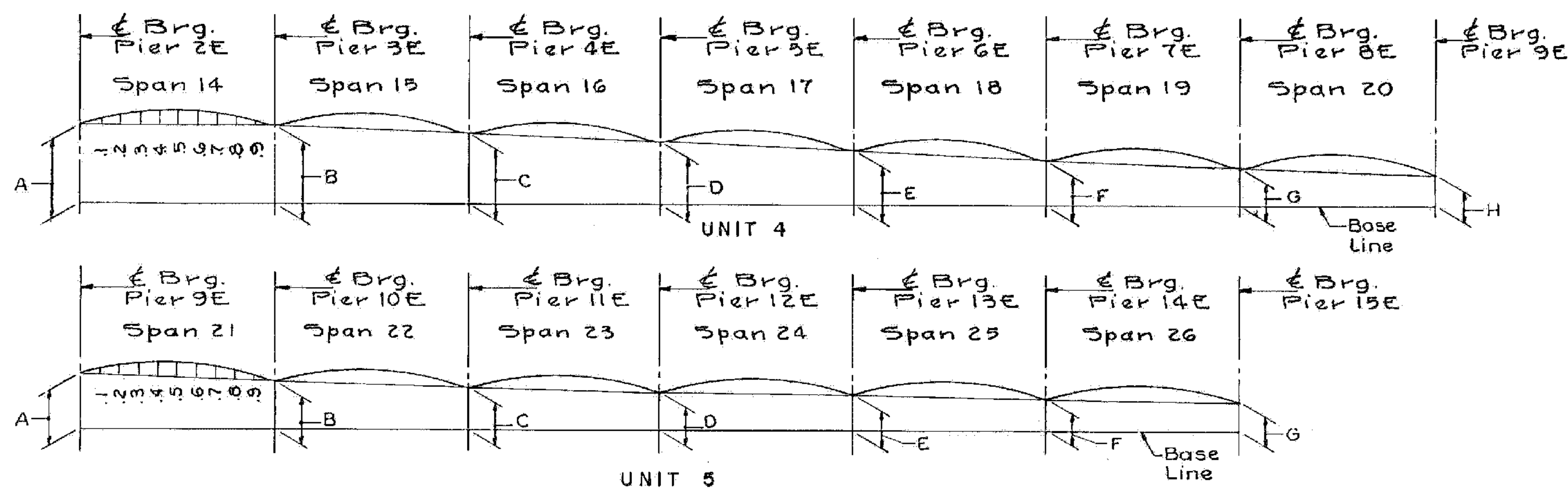


CAMBER SCHEDULE * (Inches)													
UNIT	SPAN	GIRDER	℄ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	℄ BRG.
4	14	1,2,4,5	0	1 13/16	3 1/4	4 3/8	4 15/16	5	4 1/2	3 9/16	2 3/8	1 1/16	0
	14	4	0	1 3/4	3 3/16	4 3/8	5	5 1/16	4 9/16	3 3/8	2 3/8	1 1/16	0
	14	5	0	1 13/16	3 3/16	4 3/8	4 13/16	5	4 1/2	3 3/8	2 3/8	1 1/16	0
	15	1,2,4,5	0	1 2	1 1/8	1 3/4	2 3/16	2 9/16	2 7/16	2	1 3/16	3/8	0
	15	4	0	3/8	1 1/4	1 13/16	2 1/2	2 11/16	2 5/8	2 1/8	1 7/16	5/8	0
	15	5	0	1 3/16	1 7/16	2 1/8	2 5/8	2 13/16	2 11/16	2 3/16	1 2	1 1/16	0
	16	1	0	7/8	1 3/4	2 3/16	3 1/8	3 3/16	2 7/8	2 1/4	1 3/8	9/16	0
	16	2,4,5	0	7/8	1 13/16	2 3/8	3 3/16	3 1/4	2 13/16	2 1/4	1 3/8	9/16	0
	16	4,4,5	0	1 3/16	1 13/16	2 11/16	3 3/16	3 5/16	3	2 5/16	1 3/8	9/16	0
	17	1	0	3/16	3/8	1 1/8	1 1/2	1 3/4	1 1/2	1 1/8	5/8	3/16	0
	17	2,4,5	0	3/16	3/8	1 1/8	1 9/16	1 3/4	1 9/16	1 1/8	9/16	1/8	0
	17	4,4,5	0	3/16	3/8	1 1/16	1 5/8	1 13/16	1 3/8	1 3/16	3/8	3/16	0
	18	1	0	3/16	7/8	1 1/2	2	2 1/4	2 1/16	1 3/8	1	3/8	0
	18	2,4,5	0	3/8	1 5/16	1 9/16	2 1/16	2 5/16	2 1/8	1 5/8	1	3/8	0
	18	4,4,5	0	5/16	1 5/16	1 9/16	2 1/8	2 3/8	2 3/16	1 11/16	1 1/16	3/8	0
	19	1	0	1/16	3/8	3/4	1	1 1/8	1 13/16	7/16	1/8	-1/8	0
	19	2,4,5	0	1/8	7/16	3/4	1 1/16	1 1/8	1 3/16	7/16	1/16	-1/8	0
	19	4,4,5	0	1/16	7/16	1 1/16	1 1/8	1 1/4	1 5/16	1/2	1/8	-1/8	0
	20	1	0	3/8	1 9/16	2 1/2	3 3/8	4	4	3 9/16	2 1/16	1 7/16	0
	20	2,3,4,5	0	1 1/16	1 3/8	2 3/8	3 9/16	4 3/16	4 3/16	3 3/4	2 3/16	1 9/16	0
20	5	0	5/8	1 9/16	2 3/8	3 1/2	4 1/8	4 1/8	3 11/16	2 3/4	1 1/2	0	
5	21	1	0	1 7/16	2 1/16	3 9/16	3 13/16	3 3/8	2 7/8	1 1/2	5/8	0	0
	21	2,3,4,5	0	1 1/2	2 3/4	3 3/8	4 1/16	4 1/16	3 7/16	2 7/16	1 1/2	9/16	0
	22	1	0	-1/16	1/8	1/2	7/8	1 1/8	1 1/16	13/16	7/16	1/8	0
	22	2,3,4,5	0	-1/16	3/16	9/16	1	1 1/4	1 1/8	7/8	7/16	1/16	0
	23	1	0	3/8	1 3/16	1 1/2	1 13/16	2 1/8	1 7/8	1 3/8	3/4	1/4	0
	23	2,3,4,5	0	3/8	1	1 5/8	2 1/16	2 1/4	1 13/16	1 7/16	1 3/16	1/4	0
	24	1	0	1/4	3/4	1 1/8	1 13/16	2 1/8	1 13/16	1 1/2	1 3/16	3/8	0
	24	2,3,4,5	0	1/4	1 3/16	1 7/16	1 13/16	2 1/4	2 1/16	1 9/16	1 1/16	3/8	0
	25	1	0	1/8	7/16	3/4	1 1/16	1 1/8	7/8	1/2	3/8	-1/16	0
	25	2,3,4,5	0	1/16	7/16	7/8	1 3/16	1 1/4	1	9/16	1/8	-1/16	0
26	1	0	5/8	1 9/16	2 1/2	3 1/16	4	4	3 9/16	2 1/16	1 7/16	0	
26	5	0	1 5/16	1 13/16	2 13/16	3 9/16	4 1/16	4 1/16	3 5/8	2 3/4	1 1/2	0	
26	2,3,4,5	0	1 1/16	1 13/16	2 3/8	3 1/2	4 1/8	4 1/8	3 11/16	2 3/4	1 1/2	0	

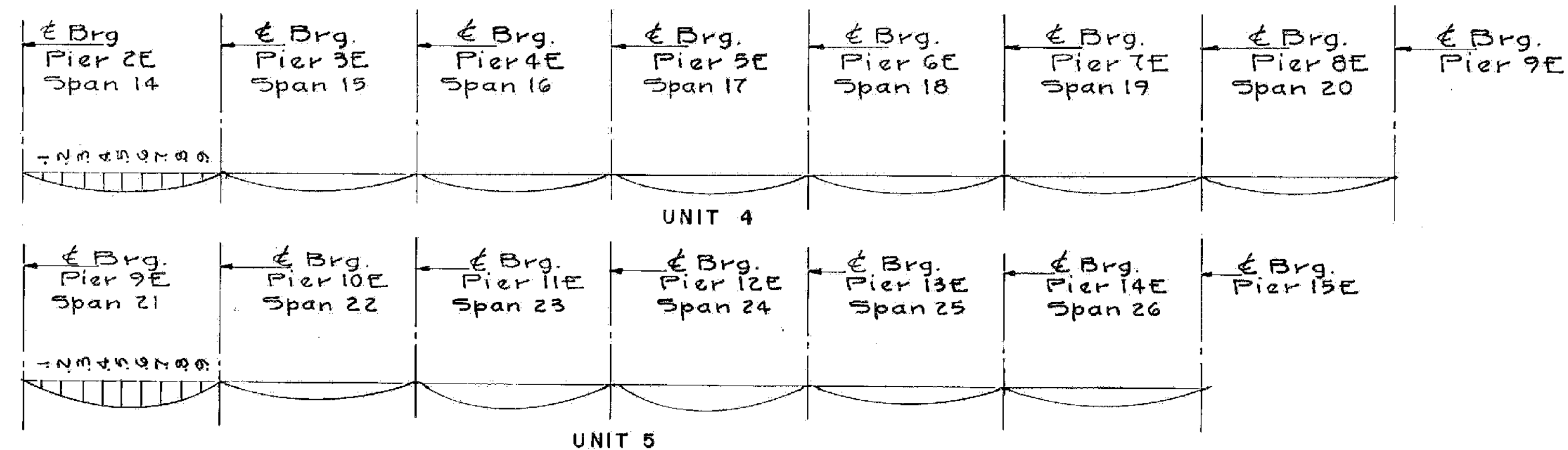
* Ordinates For Web Plate Layout.

DEFLECTION SCHEDULE (Inches)														
UNIT	SPAN	DEFL.	℄ BRG.	.1	.2	.3	.4	.5	.6	.7	.8	.9	℄ BRG.	
4	14	Stl. Only	0	4	7 1/16	8 3/16	1 1/16	1 1/16	1 1/16	1 1/16	1 1/16	1 1/16	0	
	14	Total	0	1 3/16	2 3/16	2 13/16	3 5/16	3 1/16	2 1/8	2 1/16	1 5/8	1 1/2	0	
	15	Stl. Only	0	0	0	1/8	1/8	1/8	1/8	1/8	1/8	1/8	0	
	15	Total	0	-3/16	0	3/8	1 1/16	7/8	7/8	3/8	1/4	0	0	
	16	Stl. Only	0	1/16	3/16	1/2	3/8	3/8	5/16	1/4	1/8	1/8	0	
	16	Total	0	3/16	1 3/16	1 3/8	1 3/4	1 7/8	1 11/16	1 1/4	1 1/8	1 1/16	0	
	17	Stl. Only	0	0	1/16	3 15/16	1 1/4	1 3/8	1 1/4	3 15/16	7/16	0	0	
	17	Total	0	1/8	7/16	1 15/16	1 1/4	1 3/8	1 1/4	3 15/16	7/16	0	0	
	18	Stl. Only	0	1/16	1/8	1/4	3/8	3/8	3/8	3/8	3/8	3/8	0	
	18	Total	0	1/4	3/4	1 3/4	1 3/8	1 13/16	1 3/4	1 3/8	1 3/8	3/16	0	
	19	Stl. Only	0	0	1/16	1/8	1/8	1/8	1/8	1/8	1/8	1/8	0	
	19	Total	0	0	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	0	
	20	Stl. Only	0	1/8	1/8	1/2	1 1/16	3/4	1 3/16	3/4	9/16	5/16	0	
	20	Total	0	3/8	1 7/16	2 3/8	3 3/16	3 3/4	3 13/16	3 1/2	2 5/8	1 7/16	0	
	5	21	Stl. Only	0	3/16	3/16	1 1/16	3/8	3/8	5/16	1/2	1/2	1/2	0
		21	Total	0	1 7/16	2 9/16	3 3/8	3 3/4	3 3/8	3 1/8	2 1/4	1 3/16	1 1/2	0
		22	Stl. Only	0	-1/16	0	1/16	3/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	0
		22	Total	0	-1/8	0	3/16	5/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	0
		23	Stl. Only	0	1/16	3/16	1/2	3/8	3/8	5/16	1/2	1/2	1/2	0
		23	Total	0	1/4	1 3/16	1 3/16	1 11/16	1 13/16	1 3/8	1 3/16	3/8	3/16	0
24		Stl. Only	0	1/16	1/8	1/4	3/8	3/8	5/16	1/2	1/2	1/2	0	
24		Total	0	3/16	3/8	1 1/8	1 5/8	1 13/16	1 11/16	1 5/8	1 5/8	1 1/4	0	
25		Stl. Only	0	0	1/16	1/8	1/8	1/8	1/8	1/8	1/8	1/8	0	
25		Total	0	0	1/4	3/8	1 3/16	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	0	
26	Stl. Only	0	1/8	1/8	1/2	1 1/16	3/4	1 3/16	3/4	9/16	5/16	0		
26	Total	0	1/2	1 3/8	2 3/16	3 1/8	3 5/8	3 3/4	3 3/8	2 9/16	1 7/16	0		

Deflection Values Are For Girder L=5



CAMBER DIAGRAMS
(Web Plate Layout)



DEFLECTION DIAGRAMS

ALBURGH-ROUSES POINT
BHF MEMB(24)
SHEET 36 OF 50
FOR REFERENCE ONLY

STATE OF VERMONT
AGENCY OF TRANSPORTATION

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

CAMBER AND DEFLECTION-UNITS 4 & 5

(STEEL ALTERNATE)

Designed by B.J.B. Drawn by E.B.
Checked by K.E.W. date 10-19-84 Bridge Design Supervisor
C.J.M./S.M. date 10-31-84

PROJECT ROUSES POINT BRIDGE REPLACEMENT PROJECT NO. BRF 028-1(11)
Bridge Sheet No. 5566 Sheet of



UNIT 4							
BEAM NO.	A	B	C	D	E	F	G
G1	31.54	28.80	25.10	20.27	15.15	10.03	4.74
G2	31.58	28.82	25.10	20.29	15.16	10.04	4.75
G3	31.54	28.82	25.10	20.29	15.17	10.03	4.76
G4	31.36	28.80	25.10	20.28	15.17	10.03	4.75
G5	31.15	28.76	25.09	20.26	15.14	10.03	4.74

Dimensions A-H Measured in Feet

UNIT 5						
BEAM NO.	A	B	C	D	E	G
G1	14.95	10.70	7.44	4.94	3.20	1.53
G2	14.93	10.69	7.42	4.93	3.17	1.53
G3	14.96	10.71	7.44	4.95	3.19	1.53
G4	15.10	10.85	7.58	5.09	3.34	1.68
G5	15.29	11.04	7.78	5.27	3.54	1.87

Dimensions A-G Measured in Feet