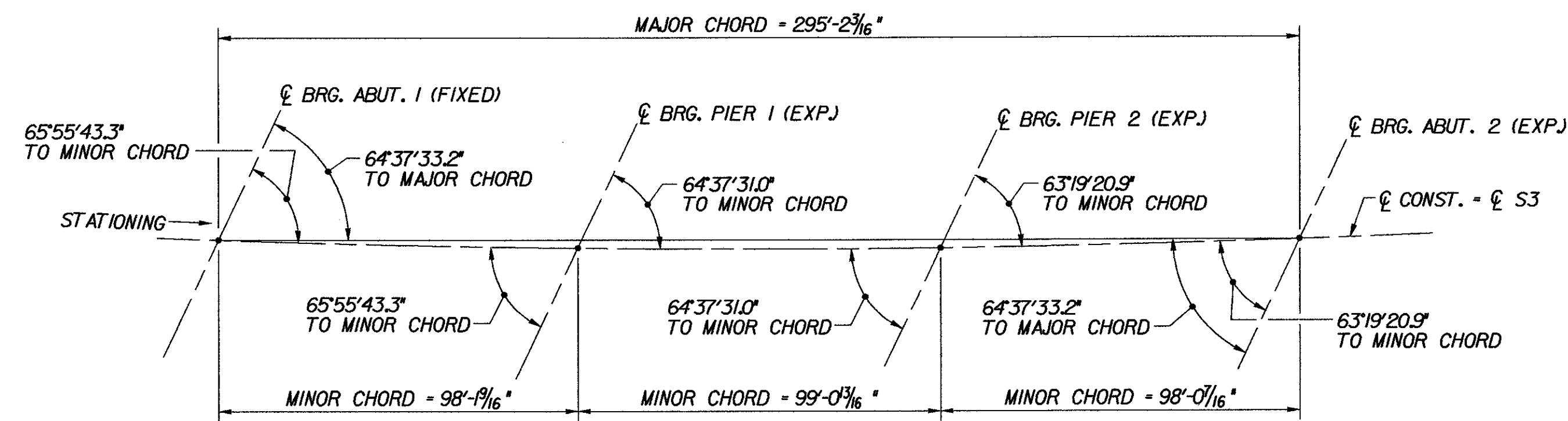


FRAMING PLAN - BR 48N

SCALE: 1/2" = 1'-0"



LAYOUT DIAGRAM

N.T.S.

NOTES:

- FOR PLATE GIRDER AND DIAPHRAGM DETAILS, SEE TYPICAL PLATE GIRDER DETAILS, BRIDGE SHEETS C-17 AND C-18.
- FOR FIELD SPLICE DETAILS, SEE TYPICAL GIRDER SPLICE DETAILS, BRIDGE SHEET C-20.
- THE CONTRACTOR SHALL HAVE THE OPTION TO PLACE ADDITIONAL FIELD SPLICES AT POINTS OF DL CONTRAFLEXURE IN SPANS 1 AND 3 (TO BE APPROVED BY THE STRUCTURES ENGINEER).
- STRINGER LAYOUT DIMENSIONS BEGIN AND END AT ABUTMENT CENTERLINES OF BEARING. LOCATION OF ABUTMENT DIAPHRAGM CONNECTION PLATES NOT INCLUDED IN TABLE. THE CONTRACTOR SHALL PROVIDE THIS DIMENSION IN SHOP DRAWINGS IN ACCORDANCE WITH DETAILS SHOWN IN TYPICAL PLATE GIRDER DETAILS, BRIDGE SHEETS C-17 AND C-18.
- FOR DRIP PLATE DETAIL, SEE TYPICAL BRIDGE DETAILS, BRIDGE SHEET C-46.
- FOR SCUPPER DETAILS, SEE TYPICAL SCUPPER DETAILS, BRIDGE SHEET C-39.

STRINGER NUMBER	STRINGER RADIUS	SIDE	SPAN 1 (ALONG ARC)						SPAN 2 (ALONG ARC)						SPAN 3 (ALONG ARC)					
			BRG. STIFFENER / CONNECTION PL. SPACING						TOTAL	BRG. STIFFENER / CONNECTION PL. SPACING						TOTAL	BRG. STIFFENER / CONNECTION PL. SPACING			
S1	4319.28'	LEFT	10' - 8 5/8"	25' - 0"	25' - 0"	25' - 0"	12' - 5 3/4"	98' - 2 3/8"	13' - 3 1/8"	23' - 0"	23' - 0"	23' - 0"	16' - 10 11/16"	99' - 1 13/16"	10' - 1 1/2"	19' - 0"	23' - 0"	23' - 0"	23' - 0"	98' - 1 1/2"
		RIGHT	14' - 0"	25' - 0"	25' - 0"	25' - 0"	9' - 1 15/16"	98' - 1 15/16"	16' - 9"	23' - 0"	23' - 0"	23' - 0"	13' - 4 5/16"	99' - 1 5/16"	13' - 11 3/16"	19' - 0"	23' - 0"	23' - 0"	19' - 1 13/16"	98' - 1'
S2	4326.78'	LEFT	10' - 8 11/16"	25' - 0"	25' - 0"	25' - 0"	12' - 5 1/4"	98' - 1 9/16"	13' - 3 1/4"	23' - 0"	23' - 0"	23' - 0"	16' - 10 1/16"	99' - 0 13/16"	10' - 1"	19' - 0"	23' - 0"	23' - 0"	23' - 0"	98' - 0 1/2"
		RIGHT	14' - 0"	25' - 0"	25' - 0"	25' - 0"	9' - 1 9/16"	98' - 1 9/16"	16' - 9"	23' - 0"	23' - 0"	23' - 0"	13' - 3 13/16"	99' - 0 13/16"	13' - 10 5/8"	19' - 0"	23' - 0"	23' - 0"	19' - 1 7/8"	98' - 0 1/2"
S3	4334.28'	LEFT	10' - 8 13/16"	25' - 0"	25' - 0"	25' - 0"	12' - 4 3/4"	98' - 1 1/8"	13' - 3 5/16"	23' - 0"	23' - 0"	23' - 0"	16' - 9 1/2"	99' - 0 3/8"	10' - 0 1/2"	19' - 0"	23' - 0"	23' - 0"	23' - 0"	98' - 0"
		RIGHT	14' - 0"	25' - 0"	25' - 0"	25' - 0"	9' - 1 1/8"	98' - 1 1/8"	16' - 9"	23' - 0"	23' - 0"	23' - 0"	13' - 3 3/8"	99' - 0 3/8"	13' - 10"	19' - 0"	23' - 0"	23' - 0"	19' - 2"	98' - 0"
S4	4341.78'	LEFT	10' - 8 7/8"	25' - 0"	25' - 0"	25' - 0"	12' - 4 1/4"	98' - 0 3/4"	13' - 3 7/16"	23' - 0"	23' - 0"	23' - 0"	16' - 8 15/16"	98' - 11 15/16"	10' - 0"	19' - 0"	23' - 0"	23' - 0"	23' - 0"	97' - 11 7/16"
		RIGHT	14' - 0"	25' - 0"	25' - 0"	25' - 0"	9' - 0 3/4"	98' - 0 3/4"	16' - 9"	23' - 0"	23' - 0"	23' - 0"	13' - 2 15/16"	98' - 11 15/16"	13' - 9 3/8"	19' - 0"	23' - 0"	23' - 0"	19' - 2 1/16"	97' - 11 7/16"

STRINGER LAYOUT TABLE

(SEE NOTE 4)

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	MIDDLESEX-BOLTON	Bridge No.	48N
Highway No.	I-89	Log Sta.	
		Surv. Sta.	
I-89 NB OVER LITTLE RIVER			
FRAMING PLAN (48N)			
Designed By	P.W. SZUSTAK	Drawn By	R.A. BOTZENHART
Checked By	J.P. HALSTEAD	Date	10/99
		Bridge Design Supervisor	J.P. HALSTEAD Date 10/99
PROJECT	MIDDLESEX-BOLTON	PROJECT NO.	IM-089-2(26)
TVGA CAD Drawing No.	48nfp	Date	10/99
Bridge Sheet No.	BR48-8	Sheet	68 of 307