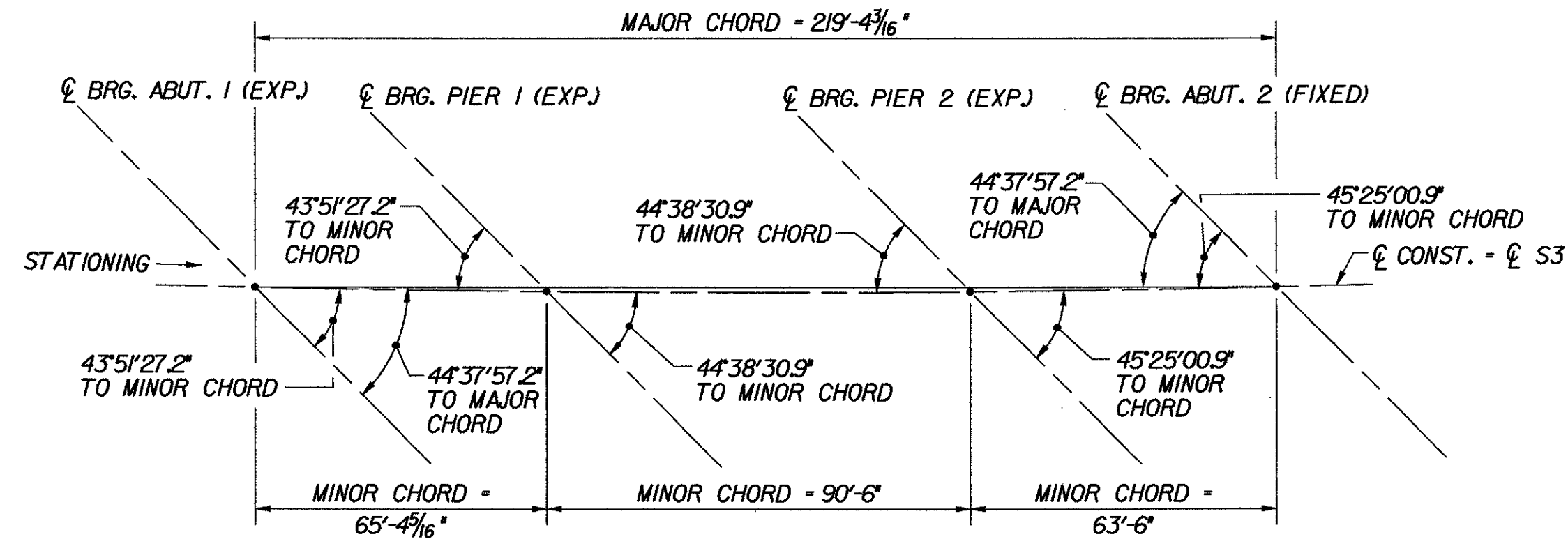


**FRAMING PLAN - BR 50S**  
SCALE: 3/32" = 1'-0"



**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.
- 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			
S1	5677.65'	LEFT				8' - 6 9/16"	65' - 6 9/16"	14' - 9"	23' - 0"	24' - 0"	23' - 0"	5' - 11 15/16"	90' - 8 15/16"	15' - 6 1/4"	20' - 9"	20' - 9"	6' - 7 3/4"	63' - 8"
		RIGHT	19' - 0"	19' - 0"	19' - 0"	16' - 4 5/16"	7' - 0 1/16"	23' - 0"	24' - 0"	23' - 0"	13' - 7 3/8"	8' - 1"	20' - 9"	20' - 9"	14' - 0"			
S2	5685.15'	LEFT				8' - 5 7/16"	65' - 5 7/16"	14' - 9"	23' - 0"	24' - 0"	23' - 0"	5' - 10 7/16"	90' - 7 7/16"	15' - 5"	20' - 9"	20' - 9"	6' - 8"	63' - 7"
		RIGHT	19' - 0"	19' - 0"	19' - 0"	16' - 2 15/16"	7' - 0 5/16"	23' - 0"	24' - 0"	23' - 0"	13' - 5 11/16"	8' - 0"	20' - 9"	20' - 9"	14' - 0"			
S3	5692.65'	LEFT				8' - 4 5/16"	65' - 4 5/16"	14' - 9"	23' - 0"	24' - 0"	23' - 0"	5' - 9"	90' - 6"	14' - 8 1/4"	20' - 9"	20' - 9"	7' - 3 3/4"	63' - 6"
		RIGHT	19' - 0"	19' - 0"	19' - 0"	16' - 1 9/16"	7' - 0 9/16"	23' - 0"	24' - 0"	23' - 0"	13' - 4"	7' - 11"	20' - 9"	20' - 9"	14' - 0"			
S4	5700.15'	LEFT				8' - 3 3/16"	65' - 3 3/16"	14' - 9"	23' - 0"	24' - 0"	23' - 0"	5' - 7 9/16"	90' - 4 9/16"	15' - 2 9/16"	20' - 9"	20' - 9"	6' - 8 7/16"	63' - 5"
		RIGHT	19' - 0"	19' - 0"	19' - 0"	16' - 0 1/4"	7' - 0 13/16"	23' - 0"	24' - 0"	23' - 0"	13' - 2 1/4"	7' - 10 1/16"	20' - 9"	20' - 9"	14' - 0"			
S5	5707.65'	LEFT					65' - 2 1/8"					90' - 3 1/16"					63' - 4 1/16"	
		RIGHT																

**STRINGER LAYOUT TABLE**  
(SEE NOTE 3)

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	MIDDLESEX-BOLTON	Bridge No.	<b>50S</b>
Highway No.	I-89	Log Sta.	
		Surv. Sta.	
I-89 SB OVER U.S. ROUTE 2			
<b>FRAMING PLAN (50S)</b>			
Designed By	P.W. SZUSTAK	Drawn By	R.A. BOTZENHART
Checked By	Date	Bridge Design Supervisor	
	J.P. HALSTEAD 10/99	J.P. HALSTEAD	Date 10/99
PROJECT	MIDDLESEX-BOLTON	PROJECT NO.	IM-089-2(26)
TVGA CAD Drawing No.	50sfp	Date	10/99
Bridge Sheet No.	<b>BR50-9</b>	Sheet	93 of 307