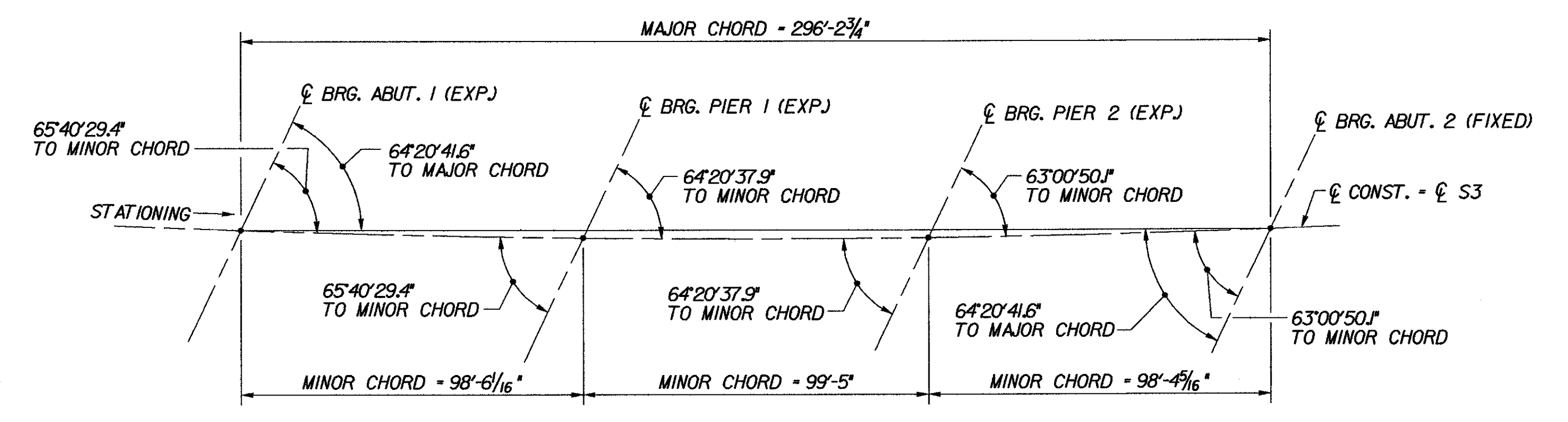


**FRAMING PLAN - BR 48S**  
SCALE: 3/32" = 1'-0"



**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.
  - THE CONTRACTOR SHALL HAVE THE OPTION TO PLACE ADDITIONAL FIELD SPICES 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						BRG. STIFFENER / CONNECTION PL. SPACING					BRG. STIFFENER / CONNECTION PL. SPACING						
S1	4245.28'	RIGHT	19'-8"	23'-0"	23'-0"	19'-0"	13'-11"	98'-7"	13'-5 1/2"	23'-0"	23'-0"	23'-0"	17'-0 1/2"	99'-6"	9'-5 3/8"	25'-0"	25'-0"	25'-0"	14'-0"	98'-5 3/8"
S2	4252.78'	LEFT	23'-0"	23'-0"	23'-0"	19'-0"	10'-6 9/16"	98'-6 9/16"	17'-0"	23'-0"	23'-0"	23'-0"	13'-5 1/2"	99'-5 1/2"	13'-3 15/16"	25'-0"	25'-0"	25'-0"	10'-0 15/16"	98'-4 7/8"
S3	4260.28'	RIGHT	19'-8 1/16"	23'-0"	23'-0"	19'-0"	13'-10 1/2"	98'-6 1/8"	17'-0"	23'-0"	23'-0"	23'-0"	16'-11 15/16"	99'-5 1/16"	9'-4 7/8"	25'-0"	25'-0"	25'-0"	14'-0"	98'-4 5/16"
S4	4267.78'	LEFT	23'-0"	23'-0"	23'-0"	19'-0"	10'-5 11/16"	98'-5 11/16"	17'-0"	23'-0"	23'-0"	23'-0"	13'-4 9/16"	99'-4 9/16"	13'-2 5/8"	25'-0"	25'-0"	25'-0"	10'-1 3/16"	98'-3 13/16"
S5	4275.28'	RIGHT	19'-8 1/4"	23'-0"	23'-0"	19'-0"	13'-9 7/16"	98'-5 5/16"	17'-0"	23'-0"	23'-0"	23'-0"	16'-10 13/16"	99'-4 9/16"	9'-3 13/16"	25'-0"	25'-0"	25'-0"	14'-0"	98'-3 1/4"

**STRINGER LAYOUT TABLE**  
(SEE NOTE 4)

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	MIDDLESEX-BOLTON	Bridge No.	<b>485</b>
Highway No.	I-89	Log Sta.	
		Surv. Sta.	
I-89 SB OVER LITTLE RIVER			
<b>FRAMING PLAN (48S)</b>			
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.	48sfp	Date	10/99
Bridge Sheet No.	<b>BR48-9</b>	Sheet	69 of 307