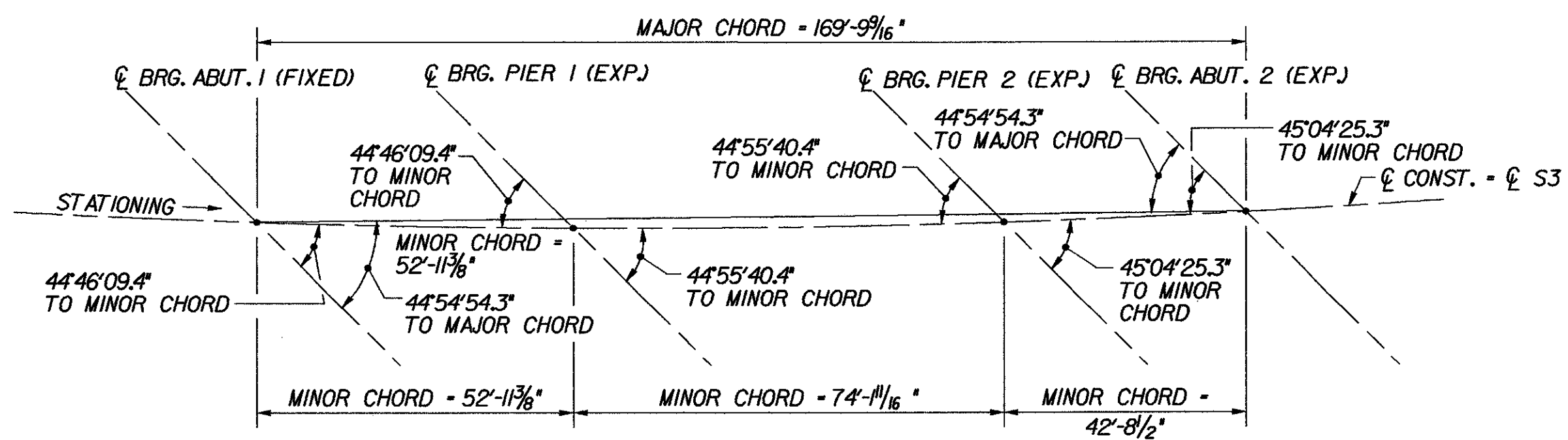


FRAMING PLAN - BR 43N

SCALE: 3/32" = 1'-0"



LAYOUT DIAGRAM

N.T.S.

NOTES:

1. FOR ROLLED BEAM AND DIAPHRAGM DETAILS, SEE TYPICAL ROLLED BEAM DETAILS, BRIDGE SHEET C-16.
2. FOR FIELD SPLICE DETAILS, SEE TYPICAL ROLLED BEAM SPLICE DETAILS, BRIDGE SHEET C-19.
3. FIELD SPLICE IN SPAN 1 IS OPTIONAL.
4. 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 ROLLED BEAM DETAILS, BRIDGE SHEET C-16.
5. FOR DRIP PLATE DETAIL, SEE TYPICAL BRIDGE DETAILS, BRIDGE SHEET C-46.
6. 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	22940.32'	LEFT					52' - 11 13/16"					74' - 2 1/4"				42' - 8 7/8"
		RIGHT	10' - 0"	19' - 0"	19' - 0"	4' - 11 13/16"		16' - 0"	25' - 0"	25' - 0"	8' - 2 1/4"		15' - 8 5/8"	16' - 0"	11' - 0 1/4"	
S2	22947.82'	LEFT	2' - 5"	19' - 0"	19' - 0"	12' - 6 5/8"		8' - 5 7/16"	25' - 0"	25' - 0"	15' - 8 1/2"		8' - 2 11/16"	16' - 0"	18' - 6"	
		RIGHT	10' - 0"	19' - 0"	19' - 0"	4' - 11 5/8"		16' - 0"	25' - 0"	25' - 0"	8' - 1 15/16"		15' - 8 3/8"	16' - 0"	11' - 0 5/16"	
S3	22955.32'	LEFT	2' - 5 1/16"	19' - 0"	19' - 0"	12' - 6 3/8"		8' - 5 1/2"	25' - 0"	25' - 0"	15' - 8 3/16"		8' - 2 1/2"	16' - 0"	18' - 6"	
		RIGHT	10' - 0"	19' - 0"	19' - 0"	4' - 11 7/16"		16' - 0"	25' - 0"	25' - 0"	8' - 1 11/16"		15' - 8 1/8"	16' - 0"	11' - 0 3/8"	
S4	22962.82'	LEFT	2' - 5 1/8"	19' - 0"	19' - 0"	12' - 6 1/16"		8' - 5 9/16"	25' - 0"	25' - 0"	15' - 7 13/16"		8' - 2 3/8"	16' - 0"	18' - 6"	
		RIGHT	10' - 0"	19' - 0"	19' - 0"	4' - 11 3/16"		16' - 0"	25' - 0"	25' - 0"	8' - 1 3/8"		15' - 7 15/16"	16' - 0"	11' - 0 7/16"	
S5	22970.32'	LEFT	2' - 5 3/16"	19' - 0"	19' - 0"	12' - 5 13/16"		8' - 5 5/8"	25' - 0"	25' - 0"	15' - 7 7/16"		8' - 2 3/16"	16' - 0"	18' - 6"	
		RIGHT					52' - 11"					74' - 1 1/16"				42' - 8 3/16"

STRINGER LAYOUT TABLE

(SEE NOTE 4)

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	MIDDLESEX-BOLTON	Bridge No.	43N
Highway No.	I-89	Log Sta.	
		Surv. Sta.	
I-89 NB OVER U.S. ROUTE 2			
FRAMING PLAN (43N)			
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.	43nfp	Date	10/99
Bridge Sheet No.	BR43-8	Sheet	54 of 307