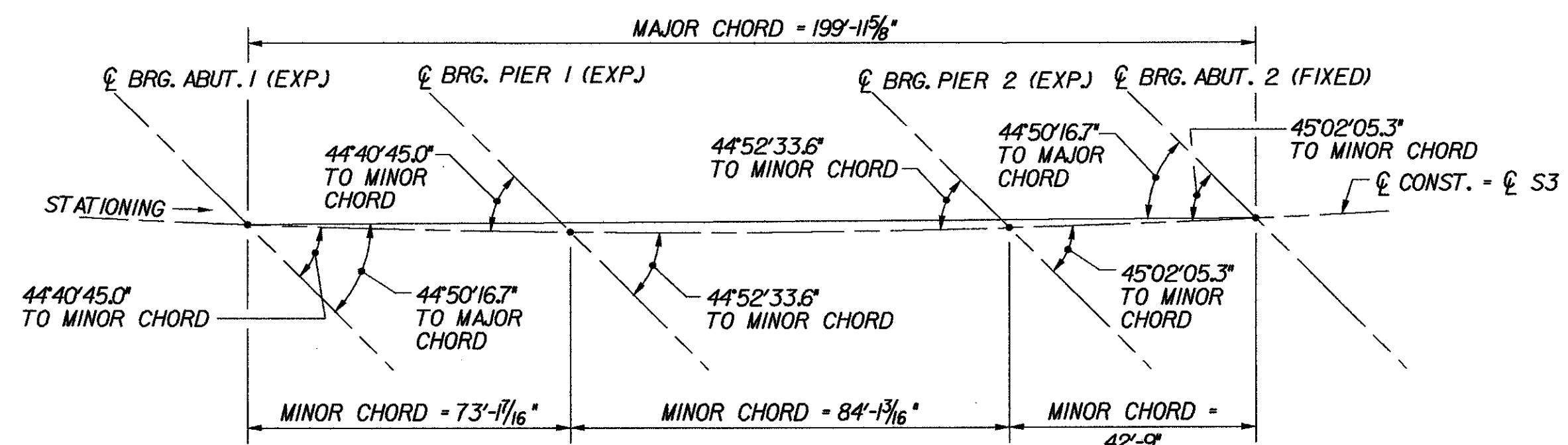


FRAMING PLAN - BR 43S

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



LAYOUT DIAGRAM

N.T.S.

NOTES:

- FOR ROLLED BEAM AND DIAPHRAGM DETAILS, SEE TYPICAL ROLLED BEAM DETAILS, BRIDGE SHEET C-16.
- FOR FIELD SPLICE DETAILS, SEE TYPICAL ROLLED BEAM SPLICE DETAILS, BRIDGE SHEET C-19.
- 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.
- FOR DRIP PLATE DETAIL, SEE TYPICAL BRIDGE DETAILS, BRIDGE SHEET C-46.

STRINGER NUMBER	STRINGER RADIUS	SIDE	SPAN 1 (ALONG ARC)				TOTAL	SPAN 2 (ALONG ARC)				TOTAL	SPAN 3 (ALONG ARC)				TOTAL	
			BRG. STIFFENER / CONNECTION PL. SPACING					BRG. STIFFENER / CONNECTION PL. SPACING					BRG. STIFFENER / CONNECTION PL. SPACING					
S1	22866.32'	LEFT																
		RIGHT	21'-6"	21'-6"	21'-6"	8'-8 1/16"	25'-0"	25'-0"	25'-0"	9'-1 7/8"	16'-9 3/16"	19'-6"	6'-6 1/8"					
S2	22873.82'	LEFT	13'-10 11/16"	21'-6"	21'-6"	16'-3 1/16"	17'-5 1/4"	25'-0"	25'-0"	16'-8 1/4"	9'-3 3/16"	19'-6"	14'-0"					
		RIGHT	21'-6"	21'-6"	21'-6"	8'-7 3/4"	25'-0"	25'-0"	25'-0"	9'-1 1/2"	16'-9"	19'-6"	6'-6 3/16"					
S3	22881.32'	LEFT	13'-10 3/4"	21'-6"	21'-6"	16'-2 11/16"	17'-5 5/16"	25'-0"	25'-0"	16'-7 7/8"	9'-3"	19'-6"	14'-0"					
		RIGHT	21'-6"	21'-6"	21'-6"	8'-7 7/16"	25'-0"	25'-0"	25'-0"	9'-1 3/16"	16'-8 3/4"	19'-6"	6'-6 1/4"					
S4	22888.82'	LEFT	13'-10 13/16"	21'-6"	21'-6"	16'-2 3/8"	17'-5 3/8"	25'-0"	25'-0"	16'-7 1/2"	9'-2 13/16"	19'-6"	14'-0"					
		RIGHT	21'-6"	21'-6"	21'-6"	8'-7 3/16"	25'-0"	25'-0"	25'-0"	9'-0 7/8"	16'-8 1/2"	19'-6"	6'-6 5/16"					
S5	22896.32'	LEFT	13'-10 7/8"	21'-6"	21'-6"	16'-2"	17'-5 7/16"	25'-0"	25'-0"	16'-7 1/16"	9'-2 11/16"	19'-6"	14'-0"					
		RIGHT																

STRINGER LAYOUT TABLE

(SEE NOTE 3)

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	MIDDLESEX-BOLTON	Bridge No.	43S
Highway No.	I-89	Log Sta.	
		Surv. Sta.	
I-89 SB OVER U.S. ROUTE 2			
FRAMING PLAN (43S)			
Designed By	P.W. SZUSTAK	Drawn By	R.A. BOTZENHART
Checked By	Date	Bridge Design Supervisor	Date
	J.P. HALSTEAD 10/99	J.P. HALSTEAD	10/99
PROJECT	MIDDLESEX-BOLTON	PROJECT NO.	IM-089-2(26)
TVGA CAD Drawing No.	43sfp	Date	10/99
Bridge Sheet No.	BR43-9	Sheet	55 of 307