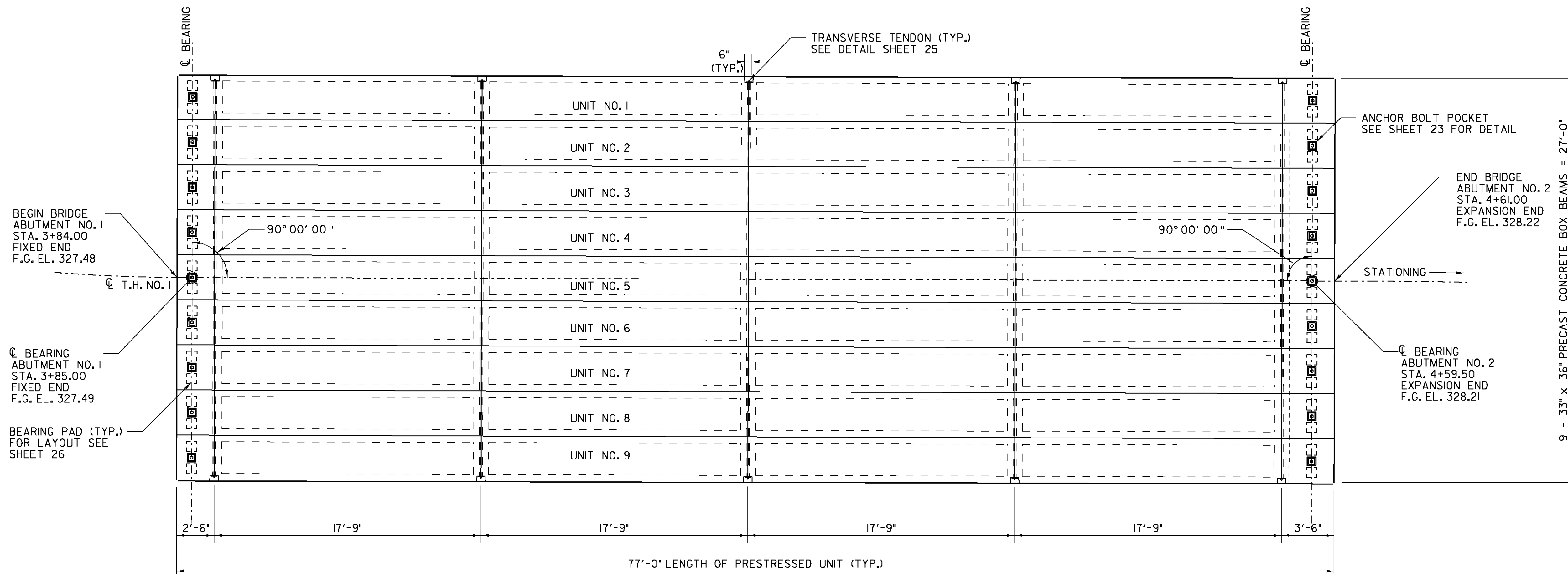


**PRESTRESSED BOX BEAM UNIT ELEVATION**  
SCALE 1/4" = 1'-0"

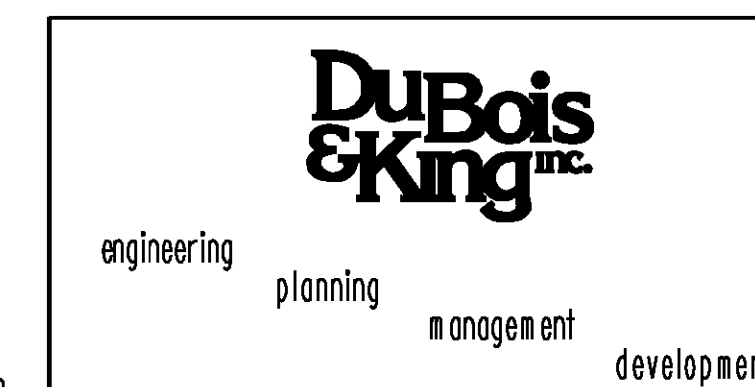


**PRESTRESSED BOX BEAM UNIT PLAN**  
SCALE 1/4" = 1'-0"

**NOTES:**

1. ALL UNITS ARE 3' WIDE AND 33" DEEP.
2. SEE SHEET 23 FOR MORE DETAIL AT ABUTMENTS.
3. PROVIDE A 3/4" DIA. DRAIN HOLE AT BOTH ENDS OF ALL VOIDS. THE DRAIN WILL BE NON FERROUS AND WILL BE CLEANED AFTER ERECTION.

SERVICE LOADS PER UNIT		
MEMBER MOMENT, KIP FT (NON- COMPOSITE)	462	AT MIDSPAN
DECK MOMENT, KIP FT NON- COMPOSITE	169	AT MIDSPAN
SUPERIMPOSED DEAD LOAD MOMENT (COMPOSITE)	108	AT MIDSPAN
LIVE LOAD + IMPACT MOMENT, KIP FT	416	AT MIDSPAN
DEAD LOAD REACTION, KIPS	40	AT ABUTMENTS
LIVE LOAD REACTION, KIPS	25	AT ABUTMENTS
TOTAL REACTION, KIPS	65	AT ABUTMENTS



PLOTTED 10/22/2009

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	STOWE	Bridge No.	3
Highway No.	T.H.1	Log Sta.	
		Surv. Sta.	
<b>MOSCOW ROAD OVER MILLER BROOK</b>			
<b>PRESTRESSED UNIT DETAILS 1</b>			
Designed By	R.H. BARNES	Drawn By	S.J. BIJOLLE
Checked By	Date	Bridge Design Supervisor	
E.P. DETRICK	5/09	J.W. TUCKER	Date 5/09
PROJECT	STOWE	PROJECT NO.	BHO 1446 (30)
I.G.C. Info.	... \DGN\z99J244d+7.dgn		
D & K DWG NO.		Sheet	24 of 37