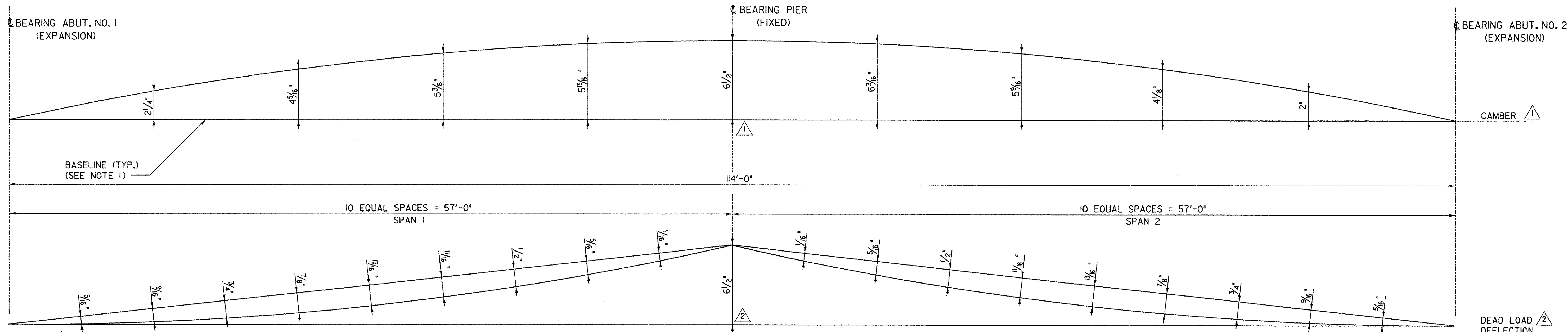


Ⓜ INDICATES RANGE OF TENSION ZONE  
 CVN = CHARPY V NOTCH TESTING REQUIRED PER SPECIFICATION

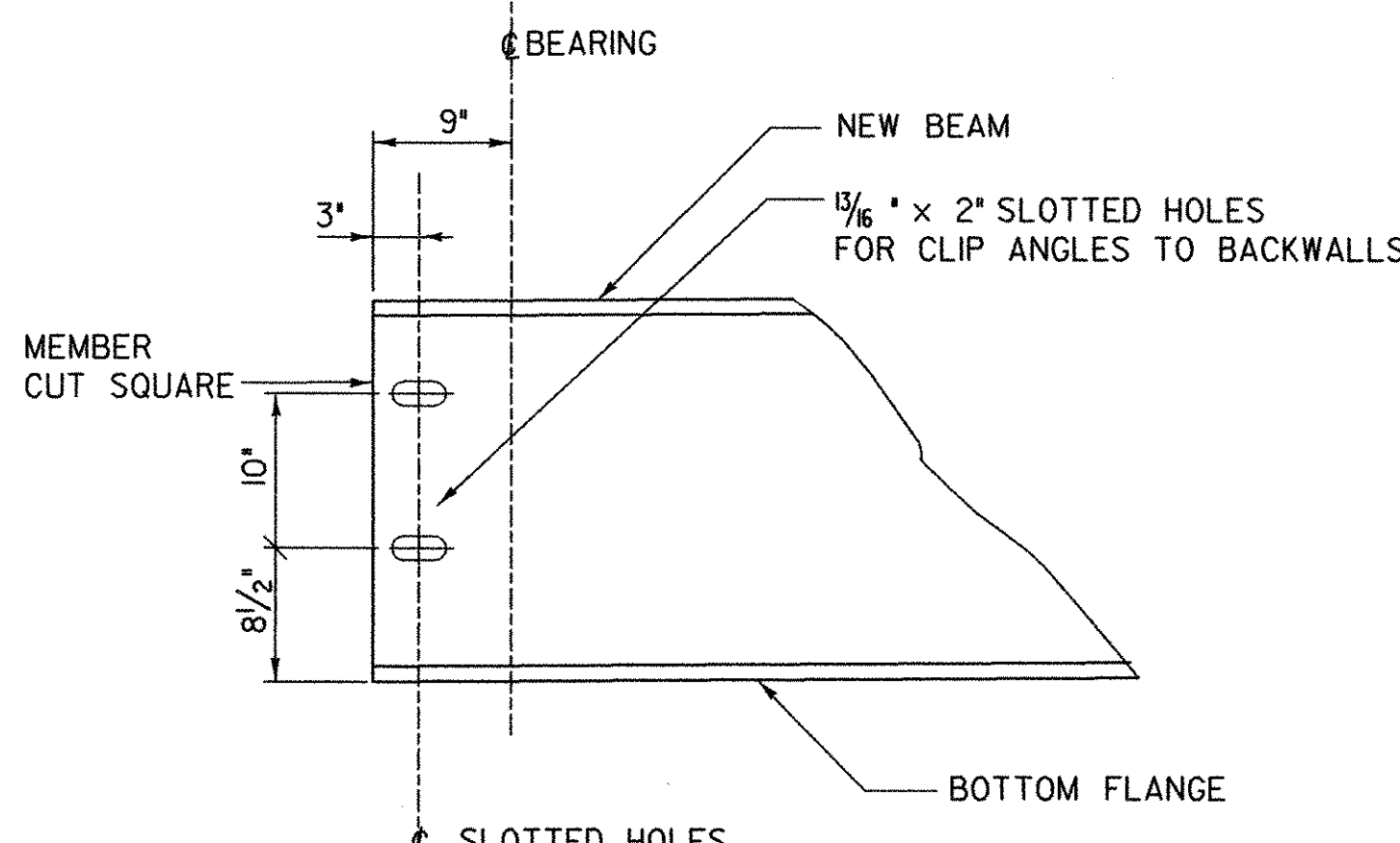
**BEAM ELEVATION**

N.T.S.



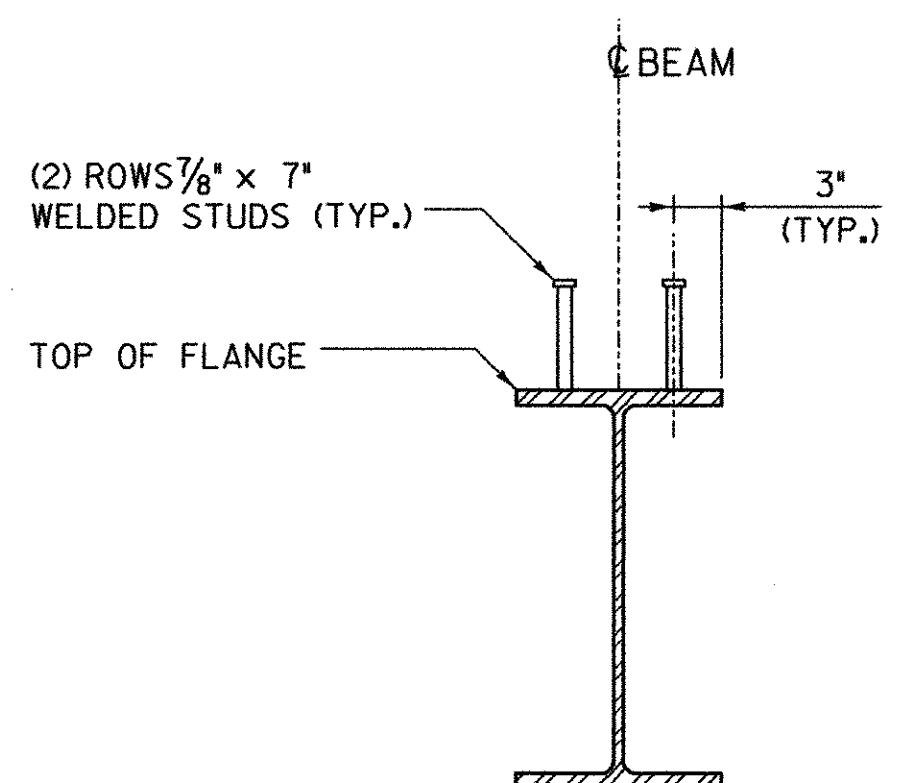
**DEAD LOAD DEFLECTION AND CAMBER DIAGRAM**

N.T.S.



**ELEVATION VIEW END OF STEEL BEAM AT ABUTMENT**

SCALE 1" = 1'-0"



**SHEAR CONNECTOR DETAIL**

SCALE 1" = 1'-0"



**NOTES:**

1. THE BASELINE IS NOT HORIZONTAL BUT IS FROM BOTTOM OF BEAM TO BOTTOM OF BEAM BETWEEN ABUTMENT SUPPORTS. THE SLOPE OF BASELINE DIFFERS FOR SPAN 1 AND SPAN 2.
2. THE DEAD LOAD DEFLECTION DIAGRAM INCLUDES BEAM SELF WEIGHT.

REVISIONS		
NO.	DESCRIPTION	BY & DATE
△	REVISED CAMBER DIAGRAM	APG 2/3/04
△	REVISED DEAD LOAD DEFLECTION DIAGRAM	APG 2/3/04

**STATE OF VERMONT  
 AGENCY OF TRANSPORTATION**

Town Of **CHESTER** Bridge No. **11**  
 Highway No. **TH 5** Log Sta. **-**  
 Surv. Sta. **-**  
**CHURCH STREET OVER WILLIAMS RIVER**

**BEAM ELEVATION & DETAILS**

Designed By **R. L. JOY** Drawn By **G. J. WOJCIECHOWSKI**  
 Checked By **J. TUCKER** Date **03/01** Bridge Design Supervisor  
 J. TUCKER Date **03/01**  
 PROJECT **CHESTER** PROJECT NO. **BHO 1442 (32)**  
 I.G.C. Info. **...zj365dl5 .dgn**  
 D & K DWG NO. **11358** Sheet **15** of **22**

