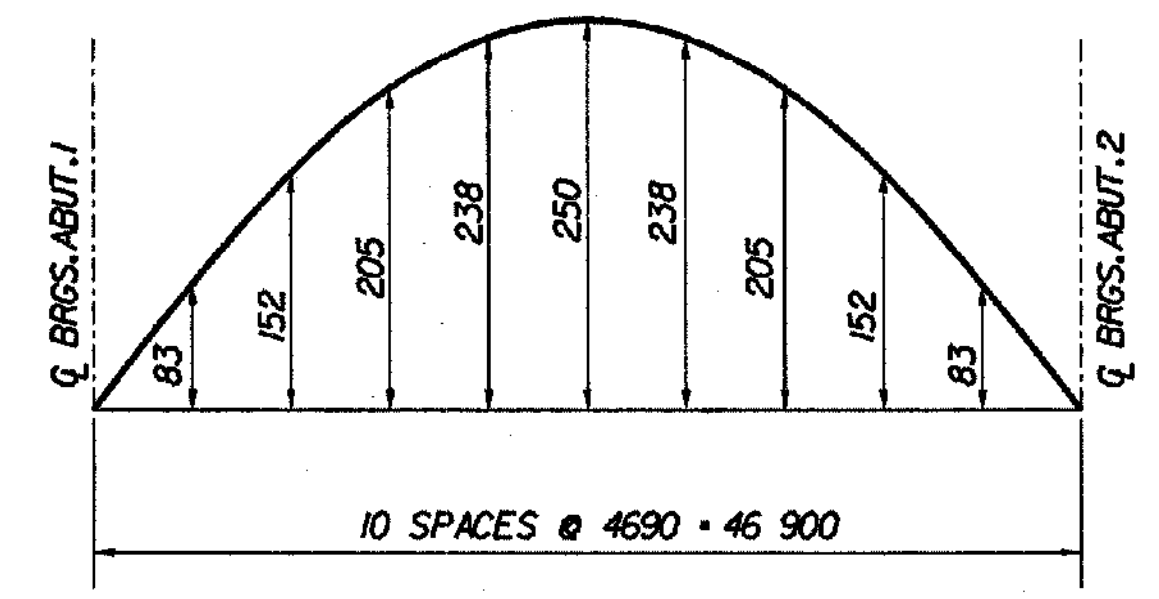


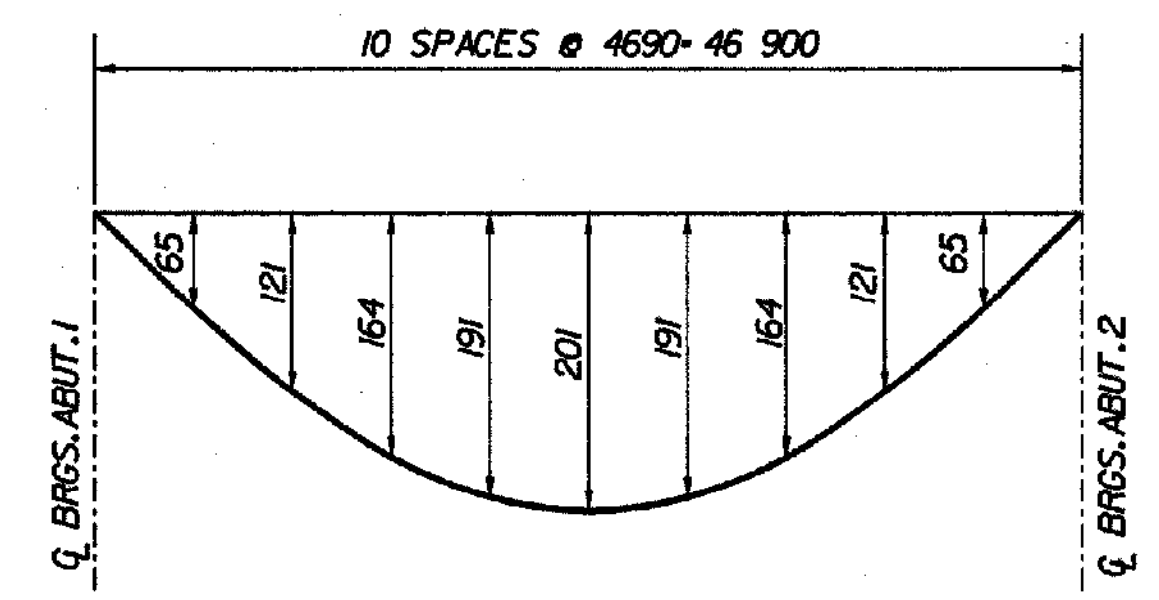
GIRDER ELEVATION
N.T.S.

CVN - DENOTES CHARPY V-NOTCH TEST REQUIRED, SEE NOTE 8.

- NOTES:**
1. ALL STRUCTURAL STEEL SHALL BE AASHTO M270M GR 345W UNLESS OTHERWISE NOTED.
 2. ALL BEARING STIFFENER PLATES SHALL BE VERTICAL IN THEIR FINAL ERECTED POSITION.
 3. ENDS OF GIRDERS SHALL BE FABRICATED SO THAT THE ENDS WILL BE VERTICAL UNDER FULL DEAD LOAD.
 4. IN AREAS OF UNPAINTED STEEL CONTACT SURFACES OF BOLTED CONNECTIONS SHALL BE BLAST CLEANED IF RUSTED BEFORE CONNECTION IS MADE. IN AREAS OF PAINTED STEEL PRIMER SHALL REMAIN ON THE SURFACES OF STEEL CONNECTION CONTACTS.
 5. TOP OF STUDS SHALL EXTEND ABOVE BOTTOM LAYER OF DECK REINFORCEMENT.
 6. FOR CROSSFRAME DETAILS, SEE SHEET BR512.
 7. BUTT WELDED FLANGE PLATES SHALL BE OFFSET 1600 mm FROM BUTT WELDED WEB PLATES.
 8. ALL MEMBERS OR PLATES (AND ONLY THOSE MEMBERS OR PLATES) IDENTIFIED WITH THE CVN DESIGNATION MUST MEET THE CHARPY V-NOTCH REQUIREMENTS FOR MAIN MEMBERS AS INDICATED IN SECTION 714 OF THE STANDARD SPECIFICATIONS.
 9. THE GIRDERS AND ALL OTHER STEEL COMPONENTS, INCLUDING CROSSFRAMES AND CONNECTION PLATES, THAT ARE A DISTANCE OF 2.60 m FROM THE END OF THE GIRDER (ABUTMENT 2 ONLY) SHALL BE COATED WITH A PROTECTIVE SYSTEM ACCORDING TO SUPPLEMENTAL SECTION 513.
 10. SHOP DRAWINGS AND BEAM PROFILES SHALL BE SENT TO DALE GOZALKOWSKI CLOUGH HARBOUR & ASSOCIATES III WINNERS CIRCLE, P.O. BOX 5269, ALBANY NY 12205-0269 FOR APPROVAL.

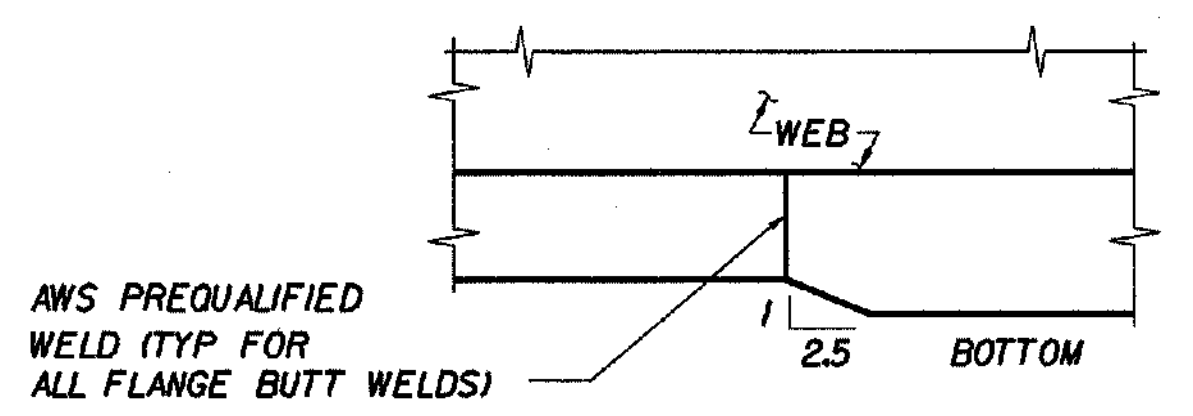


CAMBER DIAGRAM
(HORIZ) 1:250
(VERT) 1:25



DEAD LOAD DEFLECTION DIAGRAM
(HORIZ) 1:250
(VERT) 1:25

NOTE:
DEAD LOAD DEFLECTION AS SHOWN IN DIAGRAM INCLUDES STEEL, DECK CONCRETE, RAILING, CURB AND PAVEMENT



R BR513 FLANGE THICKNESS TAPER DETAIL
N.T.S.

*NEW JACKING STIFFENER WAS ADDED PER CHANGE OF DESIGN #14 JFW 2/3/03

STATE OF VERMONT AGENCY OF TRANSPORTATION		
Town Of	BENNINGTON	Bridge No. BR500
Highway No.	VT. RTE. 9	Log Sta.
		Surv. Sta. 14+900
VT. RTE. 9 OVER AIRPORT BROOK EAST		
GIRDER ELEVATION		
Designed By	M. GOGUEN	Drawn by B. WEATHERBY
Checked By	Date P. PERKINS II/OI	Bridge Design Supervisor M. OLSTAD Date II/OI
PROJECT	BENNINGTON-HOOSICK	PROJECT NO. D.P.J. 0146(1)
L.G.C. Info.		
Bridge Sheet No.	BR513	Sheet 243 OF 473

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