

TYPICAL BEAM ELEVATION

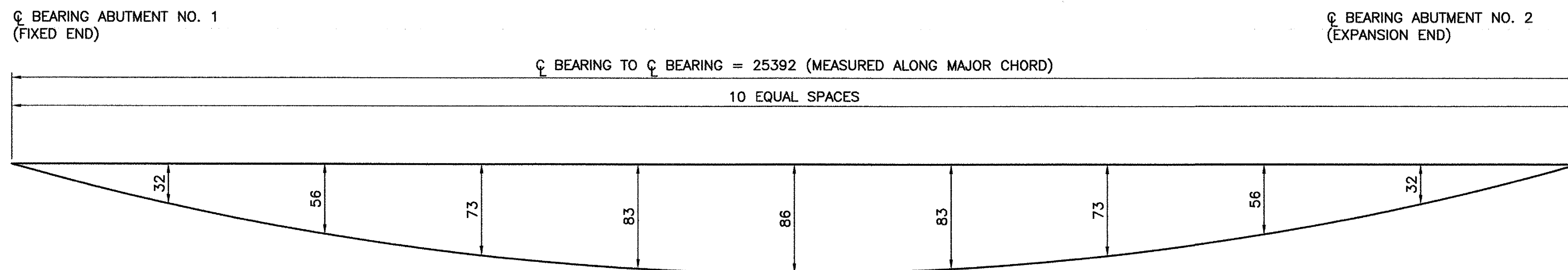
SCALE H: 1:50
V: 1:10

NOTES:

1. CONNECTION PLATES SHALL BE PERPENDICULAR TO THE FLANGES AND THE WEB.
2. ENDS OF THE BEAMS SHALL BE FABRICATED SO THAT THEY WILL BE PLUMB UNDER FULL DEAD LOAD.

NOTES:

1. CONNECTION PLATES AND DIAPHRAGMS TO BE LOCATED AS SHOWN ON FRAMING PLAN.
2. CVN = CHARPY V-NOTCH TEST REQUIRED PER SPECIFICATION.



DEAD LOAD DEFLECTION DIAGRAM

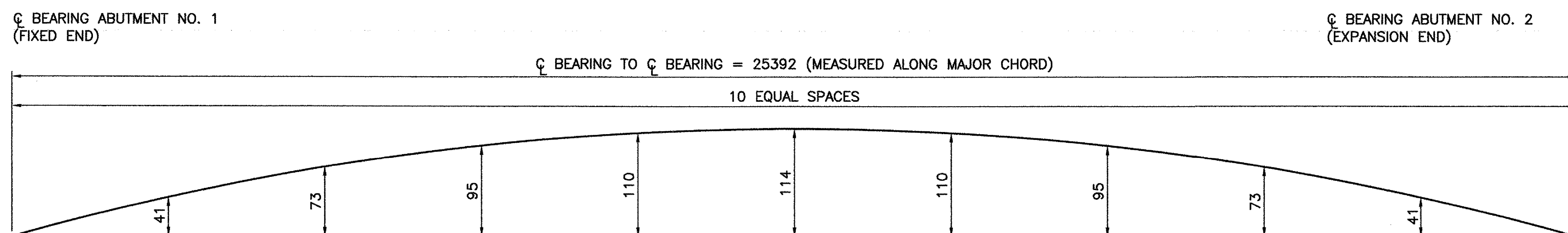
SCALE H: 1:50
V: NTS

NOTES:

1. DEAD LOAD DEFLECTIONS INCLUDE ALL DEAD LOADS AND SUPERIMPOSED DEAD LOADS INCLUDING BEAM SELF WEIGHT AND DIAPHRAGM WEIGHT.

CL BEARING TABLE

BEAM	1	2	3	4	5
CL BEARING ABUT. NO. 1	1+497.201	1+497.801	1+498.400	1+499.001	1+499.612
CL BEARING ABUT. NO. 2	1+522.255	1+523.022	1+523.800	1+524.589	1+525.391



BEAM CAMBER DIAGRAM

SCALE H: 1:50
V: NTS

REVISIONS		
NO.	DESCRIPTION	BY & DATE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

CLARENDON, VERMONT
TOWN HIGHWAY NO. 1

BRIDGE NO. 14
Log Sta.
Surv. Sta.

TOWN HIGHWAY NO. 1 OVER THE COLD RIVER

STRUCTURAL STEEL DETAILS

Designed by: A.P. GUYETTE
Checked by: J.W. TUCKER date 1/06

Drawn by: A.P. GUYETTE
Bridge Design Supervisor J.W. TUCKER date 1/06

PROJECT CLARENDON PROJECT NO. BRO 1443(29)

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