

Specifications

Standard Road and Bridge Specifications
 Grade of Vermont-1926 with all subsequent changes
 Vertical and provisions for lateral movement and erection
 Field connections bolted; bolts to have hex nuts
 General painting not required

Paint

Shop paint: One coat of red lead paint
 Field paint: One coat of red lead paint
 One coat of approved aluminum paint

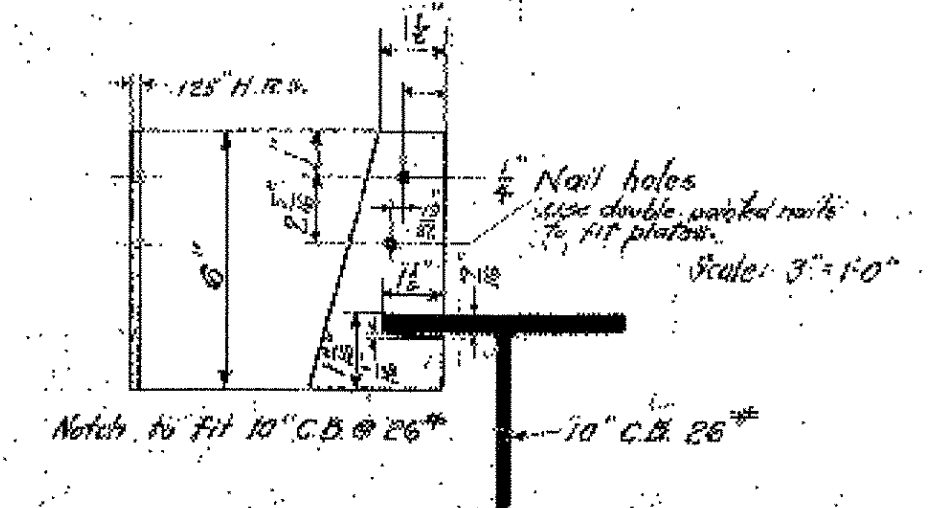
Notes

Large items bid to include: Varnishing, erection and painting of all material shown on this sheet, except concrete for substructure, timber and spalls for road floor

Loading Data

Floor: Dead load - 2" x 6" plank floor
 Live load - 1-10 ton truck
 Impact - 30%
 Trusses: Dead load - Wood 400 + Steel 570 - 1070 per ft of bridge
 Live load - 1-110 A.A.S.H.O. 1926
 Impact - 101-500

Moments		Shears	
At	Max. Min.	At	Max. Min.
Floor Beams			
DL	148,000		6600
LL	433,000		18,000
T	197,000		4850
T	1,138,000		25,000
Stringers			
DL	62,000		1800
LL	204,000		8000
T	78,000		2700
T	408,000		12,700
Alternate Sections		Sections	
Verticals	7 1/2" B.C. 2A5"		
Diagonals	7 1/2" B.H. 21"		
Floor beams	16 1/8" B.C. 45"		
Stringers	10 1/2" B.T. 26"		



DETAIL OF STANLEY FLANGE ANCHOR PLATE
 (Equivalent may be used)
 (See Specification - 2000 for details required)
 10 1/2" x 16" x 0" SUPERSTRUCTURE
CREAMERY BRIDGE
 BRADFORD, VT.

ESTIMATED QUANTITIES

Structural Steel	62,000 Lbs.
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Surveyed by
 Designed by A.D.B. 9/10/24
 Drawn by A.G. 5/11/25
 Traced by A.G. 8/11/25
 Checked by G.B.S. 7-19-24
 Series No. _____ Filed _____
 Sheet 1 of 2 Sheets