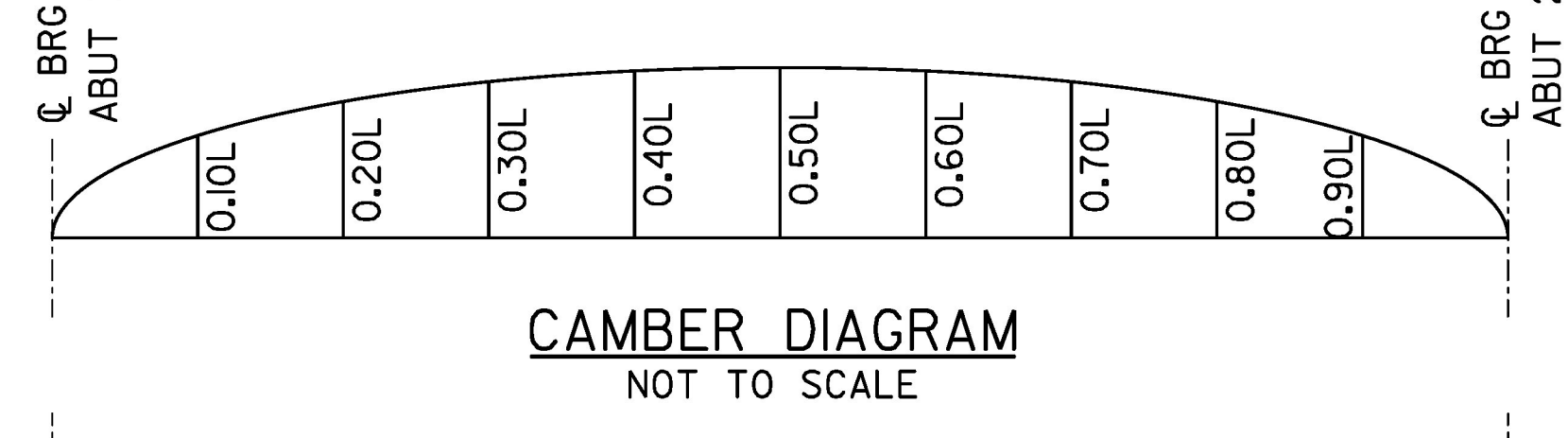
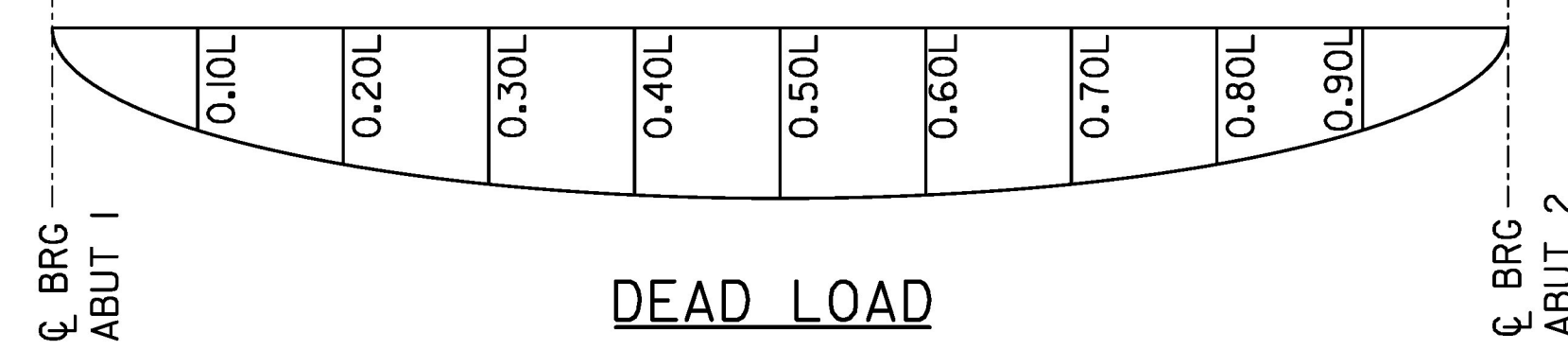


**FRAMING PLAN**

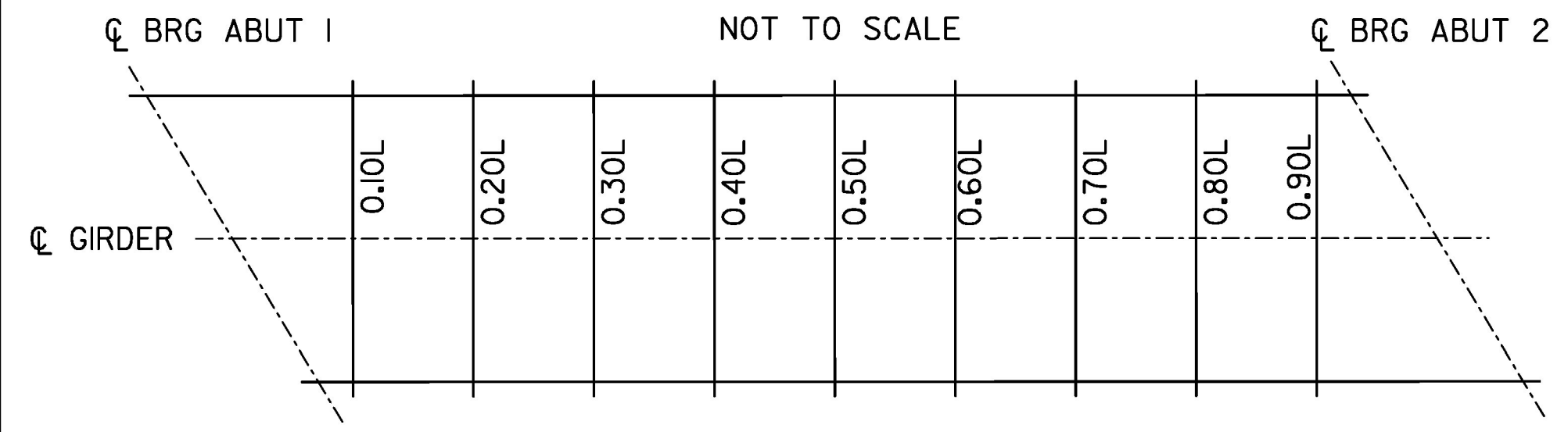
SCALE: 3/16" = 1'-0"  
(ALL DIMENSIONS ARE MEASURED HORIZONTALLY ALONG TOP OF WEBS)



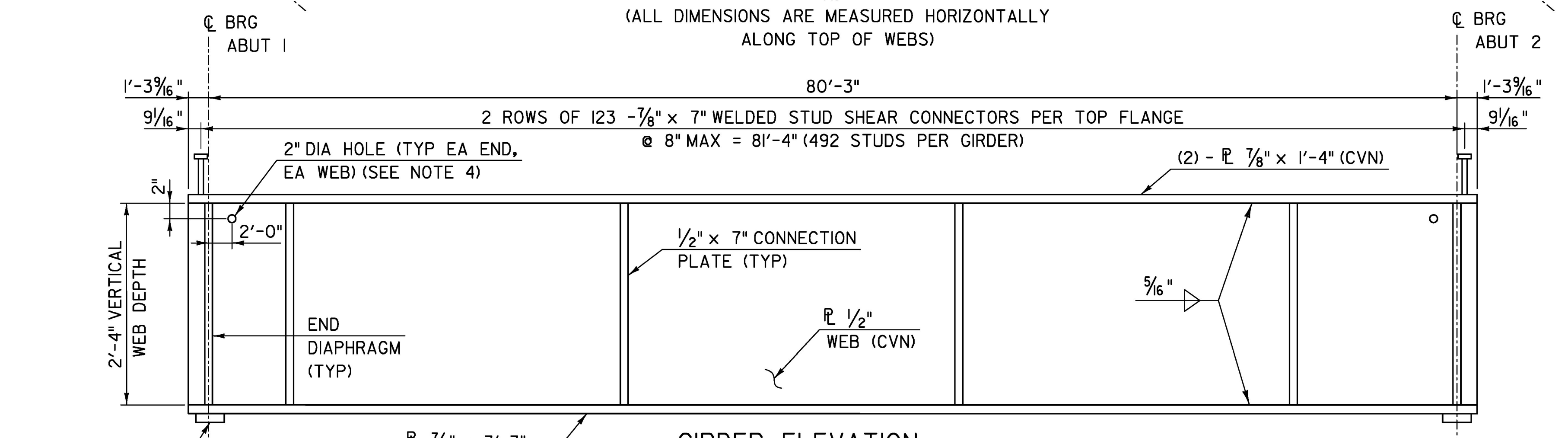
**CAMBER DIAGRAM**  
NOT TO SCALE



**DEAD LOAD DEFLECTION DIAGRAM**  
NOT TO SCALE



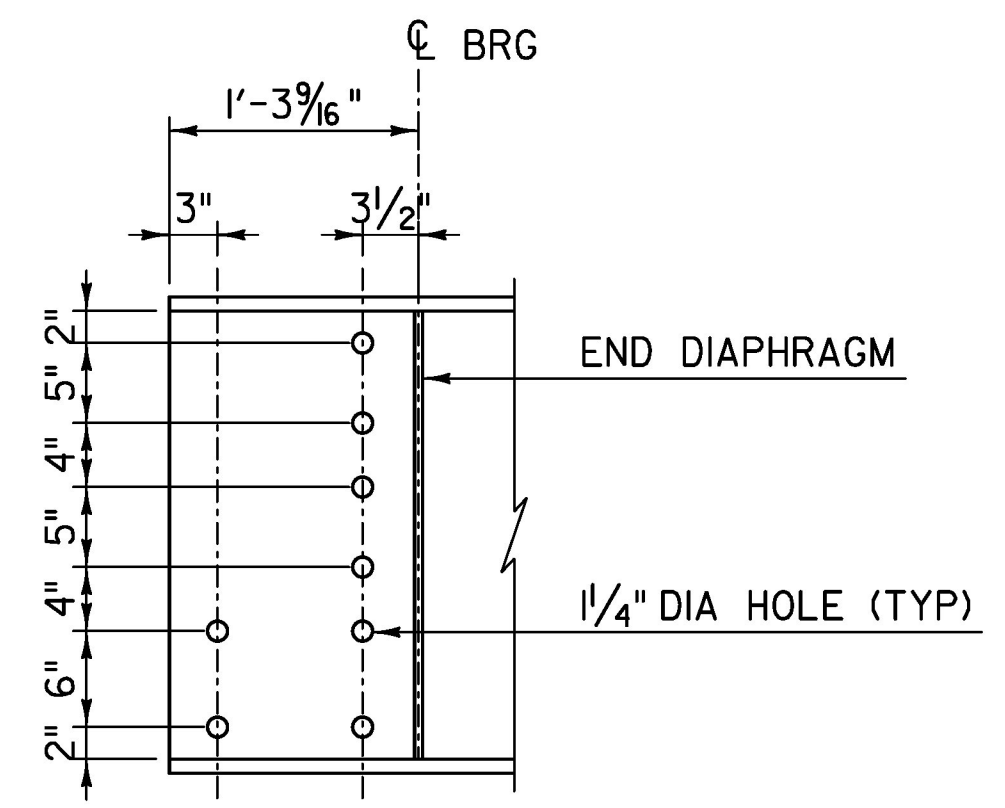
**STEEL BOX GIRDER CAMBER DIAGRAM**  
NOT TO SCALE



**GIRDER ELEVATION**

NOT TO SCALE  
(SKEWED ENDS NOT SHOWN FOR CLARITY)  
(INTERIOR SHOWN)

SOLE PLATE (TYP)  
(SEE BEARING  
DETAILS SHEET)



**END OF GIRDER ELEVATION**

SCALE: 1" = 1'-0"

**NOTES:**

- SEE "GIRDER DETAILS 1" SHEET FOR DETAILS A, B, AND C.
- SHEAR CONNECTORS SHALL PROJECT A MINIMUM OF 2" ABOVE THE BOTTOM OF SLAB. SHEAR CONNECTOR LOCATIONS MAY BE ADJUSTED AS NECESSARY TO MAINTAIN 2" CLEAR FROM LATERAL BRACING BOLTS AND ADJACENT SHEAR CONNECTORS.
- SEE "GIRDER DETAILS 2" FOR ACCESS HATCH AND DRAIN HOLE DETAILS.
- 3"x3" - 10 GAGE WOVEN WIRE MESH, 1/2"x1/2" WIRE SPACING, GALVANIZED AND PAINTED SHALL BE PLACED ON THE INSIDE OF THE GIRDER. EPOXY OR ANOTHER APPROVED ADHESIVE SHALL BE USED TO ATTACH MESH TO GIRDER.

GIRDER	LOCATION	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
GIRDERS (G1 & G2)	STEEL DL DEFLECTION	1/4	7/16	9/16	11/16	11/16	11/16	9/16	7/16	1/4
	SLAB & SDL DEFLECTION	7/8	15/8	23/8	29/8	29/8	29/8	23/8	15/8	7/8
	TOTAL DL DEFLECTION	1 1/8	2 1/16	2 3/4	3 1/4	3 3/8	3 1/4	2 3/4	2 1/16	1 1/8
	VERTICAL CURVE CAMBER	1 1/16	1 7/8	2 7/16	2 13/16	2 7/8	2 13/16	2 7/16	1 7/8	1 1/16
	REQUIRED TOTAL CAMBER	2 3/16	3 15/16	5 3/16	6 1/16	6 1/4	6 1/16	5 3/16	3 15/16	2 3/16
GIRDERS (G3 & G4)	STEEL DL DEFLECTION	1/4	7/16	9/16	11/16	3/4	11/16	9/16	7/16	1/4
	SLAB & SDL DEFLECTION	13/16	1 1/2	2 1/16	2 7/16	2 9/16	2 7/16	2 1/16	1 1/2	13/16
	TOTAL DL DEFLECTION	1 1/16	1 15/16	2 5/8	3 3/8	3 5/16	3 3/8	2 5/8	1 15/16	1 1/16
	VERTICAL CURVE CAMBER	1 1/16	1 7/8	2 7/16	2 3/4	2 7/8	2 3/4	2 7/16	1 7/8	1 1/16
	REQUIRED TOTAL CAMBER	2 1/8	3 13/16	5 1/16	5 7/8	6 3/16	5 7/8	5 1/16	3 13/16	2 1/8

PROJECT NAME: CHelsea  
PROJECT NUMBER: BHF 0169(10)

FILE NAME: z12ci52frame.dgn  
PROJECT LEADER: J. OLUND  
DESIGNED BY: T. POULIN  
FRAMING PLAN AND DETAILS

PLOT DATE: 8/31/2016  
DRAWN BY: S. MORGAN  
CHECKED BY: J. OLUND  
SHEET 106 OF 137

