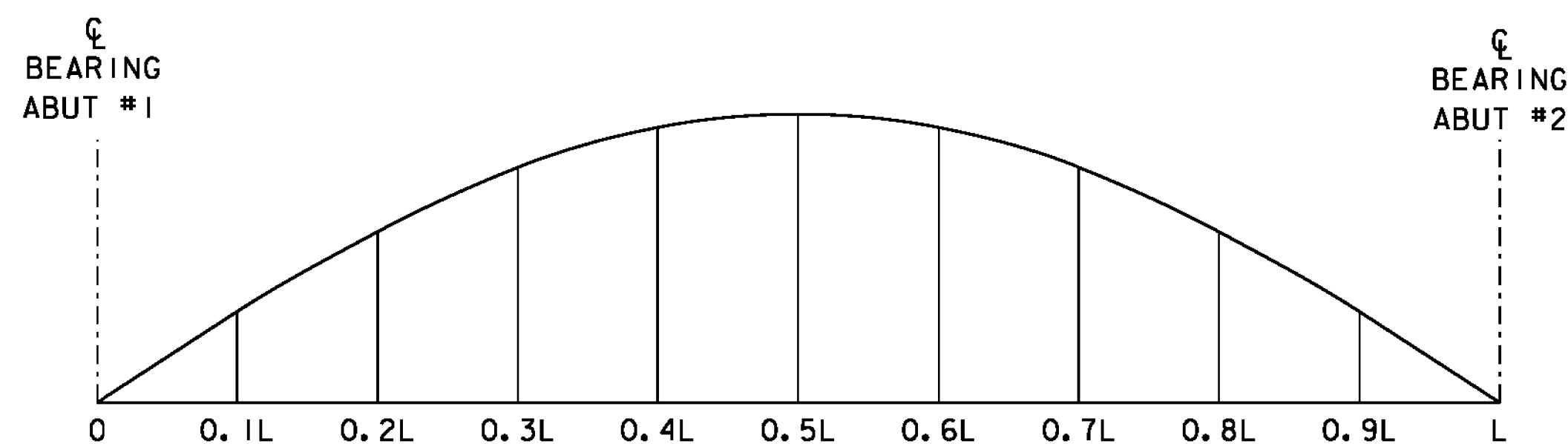


TYPICAL GIRDER ELEVATION

HORIZONTAL SCALE $\frac{3}{16}'' = 1' - 0''$
 VERTICAL SCALE $\frac{3}{4}'' = 1' - 0''$



CAMBER DIAGRAM
NOT TO SCALE

NOTES:

1. DIMENSIONS SHOWN ARE ALONG THE ARC OF THE ϕ OF THE GIRDER.
 2. GIRDERS AND CROSSFRAMES SHALL BE WEB-PLUMB AT STEEL DEAD LOAD CONDITION.
- * CVN DENOTES THAT CHARPY V-NOTCH TEST IS REQUIRED

CAMBER (INCHES)									
GIRDER	0.1 L	0.2 L	0.3 L	0.4 L	0.5 L	0.6 L	0.7 L	0.8 L	0.9 L
#1	4	7 9/16	10 5/16	12	12 10/16	12	10 4/16	7 8/16	4
#2	3 14/16	7 2/16	9 10/16	11 2/16	11 8/16	10 13/16	9 2/16	6 9/16	3 6/16
#3	3 10/16	6 11/16	8 15/16	10 4/16	10 10/16	10	8 8/16	6 2/16	3 4/16
#4	3 4/16	6 2/16	8 5/16	9 10/16	10 2/16	9 11/16	8 6/16	6 3/16	3 5/16

DEAD LOAD DEFLECTION (INCHES)									
GIRDER	0.1 L	0.2 L	0.3 L	0.4 L	0.5 L	0.6 L	0.7 L	0.8 L	0.9 L
#1	-3 7/16	-6 8/16	-8 15/16	-10 8/16	-11	-10 7/16	-8 14/16	-6 7/16	-3 7/16
#2	-3 5/16	-6 2/16	-8 4/16	-9 9/16	-9 15/16	-9 5/16	-7 12/16	-5 8/16	-2 13/16
#3	-3 1/16	-5 10/16	-7 9/16	-8 12/16	-9 1/16	-8 8/16	-7 2/16	-5 2/16	-2 11/16
#4	2 11/16	-5 1/16	-6 15/16	-8 2/16	-8 9/16	-8 3/16	-7 1/16	-5 3/16	-2 12/16

GIRDER DIMENSION TABLE				
BEARING	RADIUS	A (LENGTH)	B TOP FLANGE PLATE THICKNESS	C BOTTOM FLANGE PLATE THICKNESS
#1	800.153'	127'-8"	1 1/4"	1 5/8"
#2	793.153'	128'-9 1/8"	7/8"	1"
#3	786.153'	129'-11"	7/8"	1"
#4	779.153'	131'-1 5/8"	7/8"	1"

PROJECT NAME: **SPRINGFIELD**
 PROJECT NUMBER: **BRO 1442(26)**

FILE NAME: s95J282sup.dgn
 PROJECT LEADER: K. HIGGINS
 DESIGNED BY: J. LACROIX
 GIRDER DETAILS

PLOT DATE: 30-AUG-2011
 DRAWN BY: R. PELLETT
 CHECKED BY: J. LACROIX
 SHEET 21 OF 52