

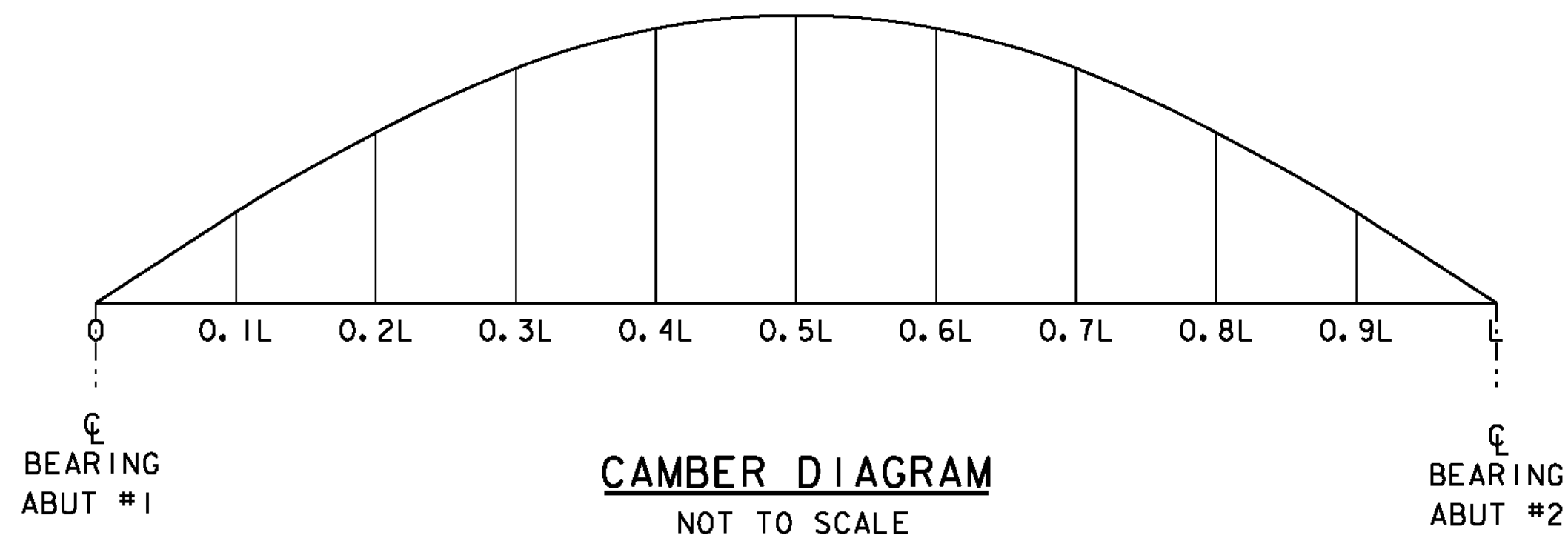
**TYPICAL GIRDER ELEVATION**

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

**NOTES:**

1. DIMENSIONS SHOWN ARE ALONG THE ARC OF THE  $\phi$  OF THE GIRDER.
2. GIRDERS AND CROSSFRAMES SHALL BE WEB-PLUMB AT FULL DEAD LOAD CONDITION.
3. REFER TO SHEETS 19-21 FOR PLACEMENT OF SEWER LINE CONNECTION PLATES TO THE GIRDER.
4. DEFLECTION MEASUREMENTS ARE GIVEN IN INCHES TO THE NEAREST SIXTEENTH. MEASUREMENTS INCLUDE GIRDER SELF-WEIGHT.

\* 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	-1	-1 9/16	-1 12/16	-1 13/16	-1 14/16	-1 13/16	-1 12/16	-1 9/16	-1
#2	-1 3/16	-1 14/16	-2 4/16	-2 6/16	-2 7/16	-2 6/16	-2 3/16	-1 14/16	-1 3/16
#3	-1 5/16	-2 2/16	-2 10/16	-2 14/16	-2 15/16	-2 13/16	-2 9/16	-2 2/16	-1 5/16
#4	-1 7/16	-2 6/16	-2 15/16	-3 4/16	-3 6/16	-3 4/16	-2 15/16	-2 6/16	-1 7/16
#5	-1 12/16	-3	-3 13/16	-4 5/16	-4 8/16	-4 5/16	-3 13/16	-3	-1 12/16

DEAD LOAD DEFLECTION INCLUDING GIRDER SELF WEIGHT (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	-1 13/16	-3 7/16	-4 11/16	-5 8/16	-5 13/16	-5 8/16	-4 11/16	-3 7/16	-1 13/16
#2	-1 9/16	-2 15/16	-4	-4 12/16	-4 15/16	-4 12/16	-4 1/16	-2 15/16	-1 9/16
#3	-1 5/16	-2 8/16	-3 7/16	-4	-4 4/16	-4 1/16	-3 7/16	-2 8/16	-1 5/16
#4	-1 2/16	-2 2/16	-2 14/16	-3 6/16	-3 9/16	-3 6/16	-2 14/16	-2 2/16	-1 2/16
#5	-15/16	-1 12/16	-2 6/16	-2 12/16	-2 14/16	-2 12/16	-2 6/16	-1 12/16	-15/16

GIRDER DIMENSION TABLE					
GIRDER	RADIUS	A (LENGTH)	B TOP FLANGE PLATE THICKNESS	C BOTTOM FLANGE PLATE THICKNESS	D SPLICE LOCATION
#1	268.000'	120'-10 1/16"	1 3/8"	2 3/8"	31'-0"
#2	260.250'	120'-10 13/16"	1 3/8"	2 3/8"	32'-0"
#3	252.500'	120'-11 11/16"	7/8"	7/8"	34'-0"
#4	244.750'	121' - 0 5/8"	7/8"	7/8"	35'-0"
#5	237.000'	121' - 1 11/16"	7/8"	7/8"	36'-0"

PROJECT NAME: BARRE TOWN  
 PROJECT NUMBER: BRF 6100(7)

FILE NAME: s06j002sup.dgn  
 PROJECT LEADER: J. LACROIX  
 DESIGNED BY: J. LACROIX  
 GIRDER DETAILS

PLOT DATE: 27-SEP-2012  
 DRAWN BY: R. PELLETT  
 CHECKED BY: J. GRIFFIN  
 SHEET 37 OF 70