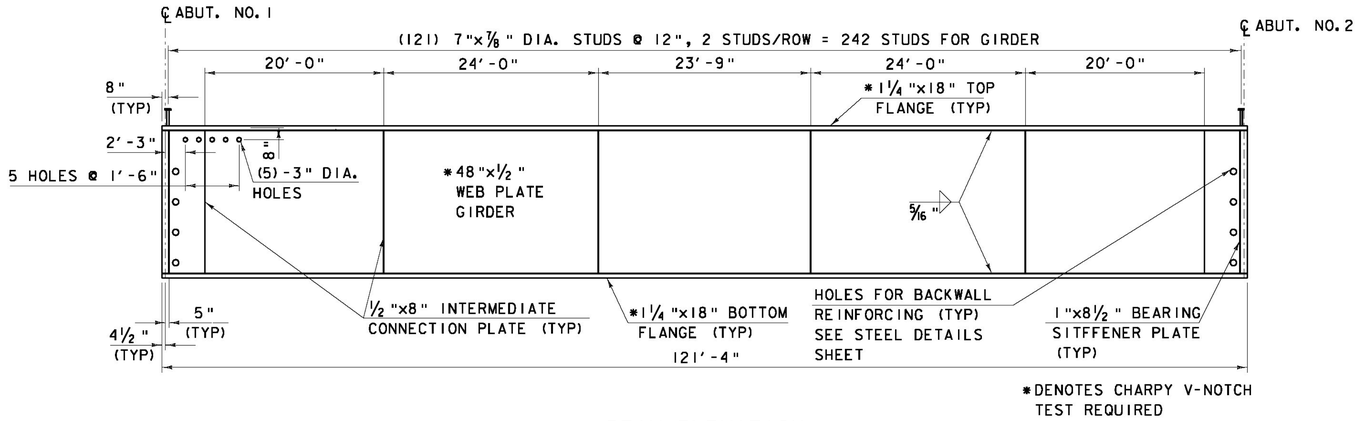
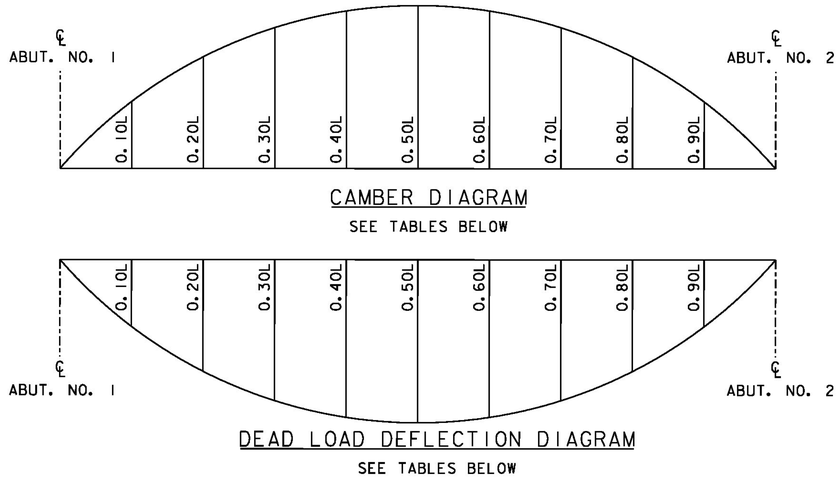


BEAM ELEVATION

HORIZ. SCALE 1/8" = 1'-0"
VERT. SCALE 1/2" = 1'-0"

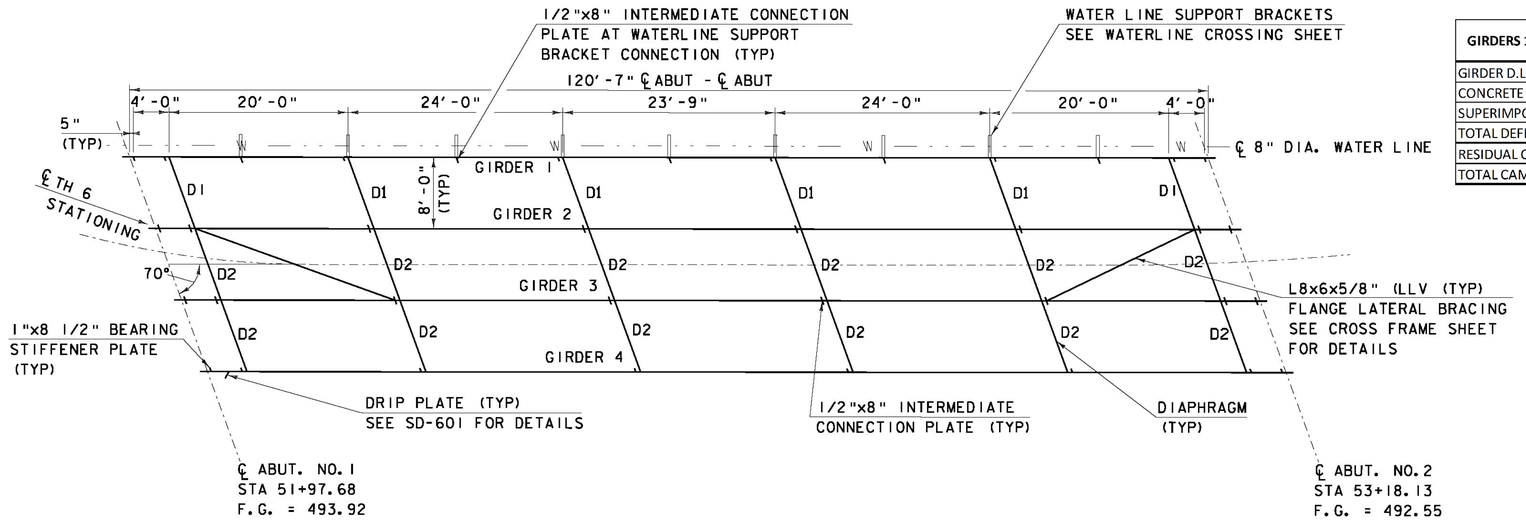


CAMBER DIAGRAM

SEE TABLES BELOW

DEAD LOAD DEFLECTION DIAGRAM

SEE TABLES BELOW



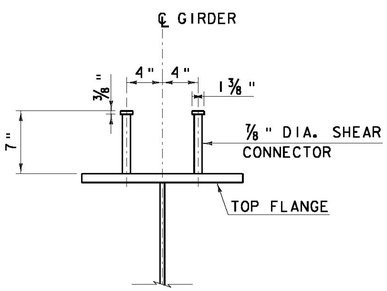
FRAMING PLAN

SCALE 1/8" = 1'-0"

GIRDERS 1 THRU 4	CAMBER TABLE IN INCHES								
	0.10L	0.20L	0.30L	0.40L	0.50L	0.60L	0.70L	0.80L	0.90L
GIRDER D.L.	-0.39	-0.73	-1.00	-1.17	-1.23	-1.17	-1.00	-0.73	-0.39
CONCRETE SLAB D.L.	-1.76	-3.32	-4.55	-5.32	-5.59	-5.32	-4.55	-3.32	-1.76
SUPERIMPOSED D.L.	-0.03	-0.08	-0.14	-0.18	-0.19	-0.18	-0.14	-0.08	-0.03
TOTAL DEFLECTION	-2.17	-4.14	-5.69	-6.67	-7.01	-6.67	-5.69	-4.14	-2.17
RESIDUAL CAMBER	0.30	0.60	0.90	1.20	1.50	1.20	0.90	0.60	0.30
TOTAL CAMBER	2.47	4.74	6.59	7.87	8.51	7.87	6.59	4.74	2.47

NOTES:

1. ENDS OF GIRDERS SHALL BE FABRICATED TO BE PLUMB UNDER FULL DEAD LOAD.
2. DEAD LOAD DEFLECTION INCLUDES GIRDER SELF-WEIGHT.
3. FOR DIAPHRAGM DETAILS SEE CROSS FRAME SHEET.



SHEAR CONNECTOR DETAIL

SCALE: 1 1/2" = 1'-0"

STATE OF VERMONT
JASON A. OLIN
No. 8282
STRUCTURAL
LICENSED PROFESSIONAL ENGINEER
2/28/2013

Hoyle, Tanner & Associates, Inc.

HTA PROJECT	MODEL
904226	z05j352sup3

PROJECT NAME: BRISTOL
PROJECT NUMBER: BRO 1445(32)

FILE NAME: z05j352sup3.dgn
PROJECT LEADER: J.LACROIX
DESIGNED BY: J.OLIN/ A.SAUNDERS
FRAMING PLAN AND GIRDER ELEVATION

PLOT DATE: 02/28/2013
DRAWN BY: J.MCQUAID
CHECKED BY: J.OLIN
SHEET 34 OF 66