

TABLE OF DEFLECTIONS INTERIOR GIRDERS

	A ABUT. 1	B 2200	C 4400	D 6600	E 8800	F 11000	G 13200	H 15400	I 17600	J 19800	K ABUT. 2
FLUID DEAD LOAD	0	15	28	39	45	48	45	39	28	15	0
STEEL DEAD LOAD	0	4	7	10	12	12	12	10	7	4	0
SUPERIMPOSED DEAD LOAD	0	1	3	3	4	4	4	3	3	1	0
TOTAL DEAD LOAD DEFLECTION	0	20	38	52	61	64	61	52	38	20	0

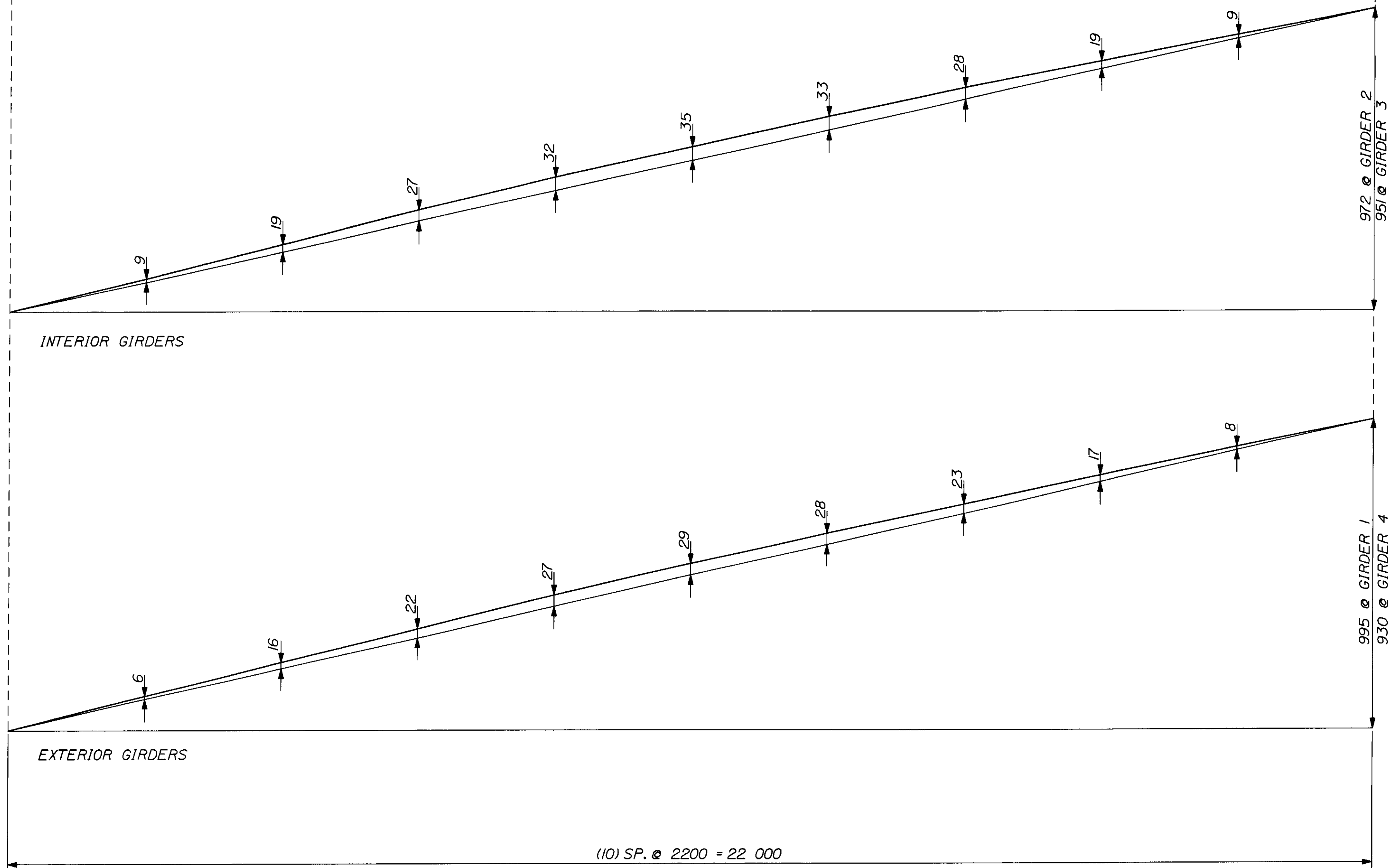


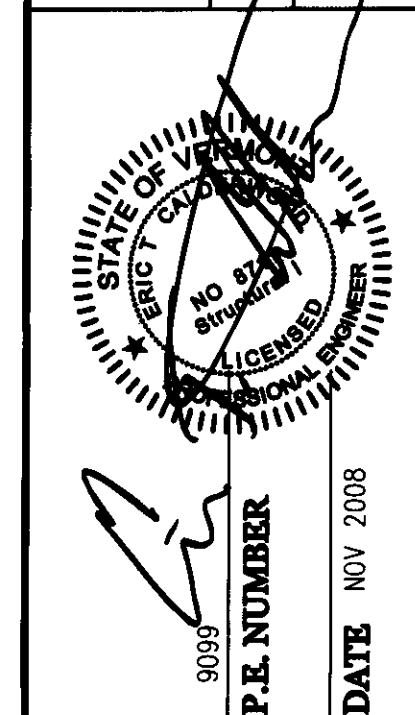
TABLE OF DEFLECTIONS EXTERIOR GIRDERS

	A ABUT. 1	B 2200	C 4400	D 6600	E 8800	F 11000	G 13200	H 15400	I 17600	J 19800	K ABUT. 2
FLUID DEAD LOAD	0	13	25	34	40	41	40	34	25	13	0
STEEL DEAD LOAD	0	4	7	10	12	12	12	10	7	4	0
SUPERIMPOSED DEAD LOAD	0	1	3	4	4	4	4	4	3	1	0
TOTAL DEAD LOAD DEFLECTION	0	18	35	48	56	58	56	48	35	18	0

STRUCTURAL STEEL NOTES

1. Camber ordinates, as shown, are computed to compensate for all dead load deflections and for the curvature of the finished grade profile.
2. No transverse butt-weld splices will be allowed in the flange plates or web plates within 3.0 m or 10 percent of the span length (whichever is greater) from the point of maximum positive moment. Butt-weld splices in flanges shall be not less than 1.0 m from transverse butt-welds in the web plates and no transverse web or flange butt-welds shall be located within 1.0 m of other transverse welds (e.g. connection plates to web welds) on either flange or web.
3. Cross-frame or diaphragm connection plates may be either plumb or normal to the top flange.
4. Filler plates may be steel conforming to the requirements of A709/A709M, Grade 250W.
5. All other structural steel shall conform to the requirements of ASTM A709/A709M Grade 345W.
6. Theoretical Blocking is 50mm as measured from the top of the top flange or 72mm as measured from the top of the web.
7. All bolt holes shall be 24mmφ for 22mmφ A325M bolts UNO.

CALDERWOOD ENGINEERING, ETC.
 STRUCTURAL ENGINEERING • DETAILING SERVICES
 222 RIVER ROAD, RICHMOND, ME 04867 PH/FX (207)787-4801
PREPARED FOR AUSTIN CONST., INC.
BURKE - VALUE ENGINEERING
 PROJ. BRZ 1447 (16)



DESIGN-DETAILED	DATE	BY
CHECKED-REVIEWED	NOV 08	ETC
REVISIONS 1	ADDRESS NOT COMMENTS	JAN 09
REVISIONS 2	NO CHANGES THIS SHIT	MAR 09
REVISIONS 3	NO CHANGES THIS SHIT	APR 09
REVISIONS 4	NO CHANGES THIS SHIT	
	FIELD CHANGES	

BURKE
VALUE ENGINEERED DESIGN
CAMBER DIAGRAM & TABLE OF DEFL

SHEET NUMBER
F2