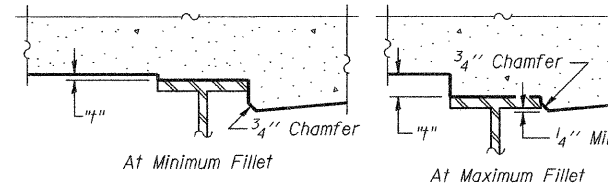


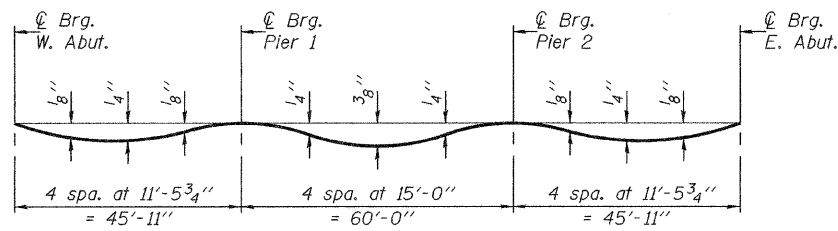
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	14VBR-2 & 14VBR-3	BUREAU	219	109
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract No. 66731

SHEET NO. 5
35 SHEETS



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheet 6 of 35.

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheet 6 of 35, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	41269.95	-16.33	634.26	634.26
CL Brg. W. Abut	41271.28	-16.33	634.30	634.30
A	41281.28	-16.33	634.53	634.54
B	41291.28	-16.33	634.77	634.78
C	41301.28	-16.33	635.00	635.01
D	41311.28	-16.33	635.24	635.24
CL Pier 1	41317.20	-16.33	635.38	635.38
E	41327.20	-16.33	635.61	635.62
F	41337.20	-16.33	635.85	635.87
G	41347.20	-16.33	636.08	636.11
H	41357.20	-16.33	636.32	636.34
I	41367.20	-16.33	636.56	636.57
CL Pier 2	41377.20	-16.33	636.79	636.79
J	41387.20	-16.33	637.03	637.03
K	41397.20	-16.33	637.26	637.27
L	41407.20	-16.33	637.50	637.51
M	41417.20	-16.33	637.73	637.74
CL Brg. E. Abut	41423.12	-16.33	637.87	637.87
Bk. E. Abut	41424.45	-16.33	637.90	637.90

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	41272.61	-9.00	634.46	634.46
CL Brg. W. Abut	41273.94	-9.00	634.50	634.50
A	41283.94	-9.00	634.73	634.74
B	41293.94	-9.00	634.97	634.98
C	41303.94	-9.00	635.20	635.21
D	41313.94	-9.00	635.44	635.44
CL Pier 1	41319.86	-9.00	635.58	635.58
E	41329.86	-9.00	635.81	635.82
F	41339.86	-9.00	636.05	636.07
G	41349.86	-9.00	636.28	636.31
H	41359.86	-9.00	636.52	636.54
I	41369.86	-9.00	636.75	636.77
CL Pier 2	41379.86	-9.00	636.99	636.99
J	41389.86	-9.00	637.23	637.23
K	41399.86	-9.00	637.46	637.47
L	41409.86	-9.00	637.70	637.71
M	41419.86	-9.00	637.93	637.94
CL Brg. E. Abut	41425.78	-9.00	638.07	638.07
Bk. E. Abut	41427.11	-9.00	638.10	638.10

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	41275.28	-1.67	634.64	634.64
CL Brg. W. Abut	41276.61	-1.67	634.67	634.67
A	41286.61	-1.67	634.91	634.92
B	41296.61	-1.67	635.14	635.16
C	41306.61	-1.67	635.38	635.39
D	41316.61	-1.67	635.62	635.62
CL Pier 1	41322.53	-1.67	635.75	635.75
E	41332.53	-1.67	635.99	636.00
F	41342.53	-1.67	636.23	636.25
G	41352.53	-1.67	636.46	636.49
H	41362.53	-1.67	636.70	636.72
I	41372.53	-1.67	636.93	636.94
CL Pier 2	41382.53	-1.67	637.17	637.17
J	41392.53	-1.67	637.40	637.41
K	41402.53	-1.67	637.64	637.65
L	41412.53	-1.67	637.87	637.89
M	41422.53	-1.67	638.11	638.12
CL Brg. E. Abut	41428.45	-1.67	638.25	638.25
Bk. E. Abut	41429.78	-1.67	638.28	638.28

DESIGNED	Nicholas R. Barnett
CHECKED	Ray Ahanchi
DRAWN	h.f. duong
CHECKED	NRB/GRA

Sep. 30, 2008
EXAMINED *Thomas J. Romagosa*
PASSED *Ralph E. Anderson*

TOP OF SLAB ELEVATIONS (E.B.)
F.A.I. RTE. 80 - SEC. 14VBR-2 & 14VBR-3
BUREAU COUNTY
STATION 413+39.84
STRUCTURE NO. 006-0167 (E.B.)
STRUCTURE NO. 006-0168 (W.B.)