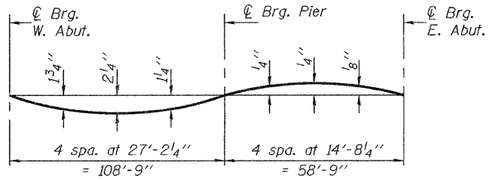
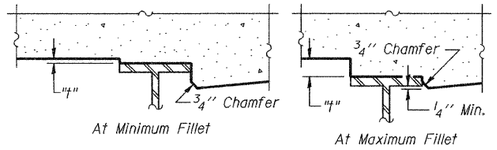


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Notes: 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 & on sheet 6 of 32.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	14BR & 14BR-1	BUREAU	219	77
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract No. 66731

SHEET NO. 5
32 SHEETS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 4 of 32. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	39937.07	-16.33	603.30	603.30
CL Brg. W. Abut.	39938.32	-16.33	603.32	603.32
A	39948.32	-16.33	603.49	603.55
B	39958.32	-16.33	603.67	603.77
C	39968.32	-16.33	603.85	604.00
D	39978.32	-16.33	604.03	604.20
E	39988.32	-16.33	604.23	604.40
F	39998.32	-16.33	604.42	604.59
G	40008.32	-16.33	604.62	604.77
H	40018.32	-16.33	604.83	604.94
I	40028.32	-16.33	605.05	605.12
J	40038.32	-16.33	605.26	605.30
CL Pier	40047.07	-16.33	605.46	605.46
K	40057.07	-16.33	605.69	605.67
L	40067.07	-16.33	605.92	605.90
M	40077.07	-16.33	606.16	606.14
N	40087.07	-16.33	606.39	606.38
O	40097.07	-16.33	606.63	606.62
CL Brg. E. Abut.	40105.82	-16.33	606.84	606.84
Back E. Abut.	40107.07	-16.33	606.87	606.87

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	39937.07	-9.00	603.44	603.44
CL Brg. W. Abut.	39938.32	-9.00	603.46	603.46
A	39948.32	-9.00	603.63	603.68
B	39958.32	-9.00	603.80	603.91
C	39968.32	-9.00	603.98	604.13
D	39978.32	-9.00	604.17	604.34
E	39988.32	-9.00	604.36	604.54
F	39998.32	-9.00	604.56	604.73
G	40008.32	-9.00	604.76	604.90
H	40018.32	-9.00	604.97	605.08
I	40028.32	-9.00	605.18	605.26
J	40038.32	-9.00	605.40	605.44
CL Pier	40047.07	-9.00	605.60	605.60
K	40057.07	-9.00	605.83	605.81
L	40067.07	-9.00	606.06	606.04
M	40077.07	-9.00	606.30	606.27
N	40087.07	-9.00	606.53	606.52
O	40097.07	-9.00	606.77	606.76
CL Brg. E. Abut.	40105.82	-9.00	606.97	606.97
Back E. Abut.	40107.07	-9.00	607.00	607.00

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut.	39937.07	-1.67	603.55	603.55
CL Brg. W. Abut.	39938.32	-1.67	603.57	603.57
A	39948.32	-1.67	603.74	603.80
B	39958.32	-1.67	603.92	604.03
C	39968.32	-1.67	604.10	604.25
D	39978.32	-1.67	604.29	604.45
E	39988.32	-1.67	604.48	604.66
F	39998.32	-1.67	604.67	604.84
G	40008.32	-1.67	604.88	605.02
H	40018.32	-1.67	605.08	605.20
I	40028.32	-1.67	605.30	605.37
J	40038.32	-1.67	605.52	605.55
CL Pier	40047.07	-1.67	605.71	605.71
K	40057.07	-1.67	605.94	605.92
L	40067.07	-1.67	606.17	606.15
M	40077.07	-1.67	606.41	606.39
N	40087.07	-1.67	606.65	606.63
O	40097.07	-1.67	606.88	606.87
CL Brg. E. Abut.	40105.82	-1.67	607.09	607.09
Back E. Abut.	40107.07	-1.67	607.12	607.12

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

Sep. 30, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS (E.B.)
F.A.I. RTE. 80 - SEC. 14BR & 14BR-1
BUREAU COUNTY
STATION 400+22.07
STRUCTURE NO. 006-0165 (E.B.)
STRUCTURE NO. 006-0166 (W.B.)

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