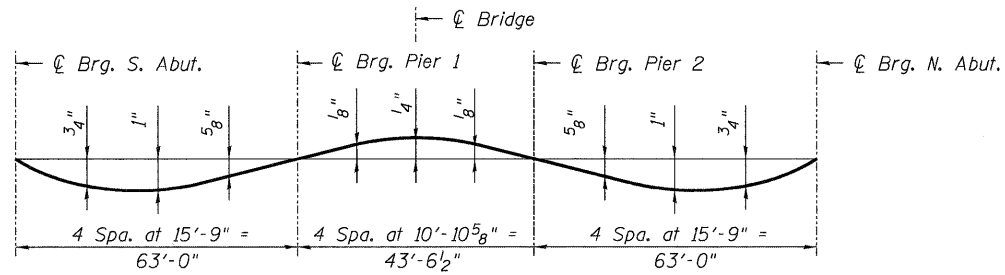
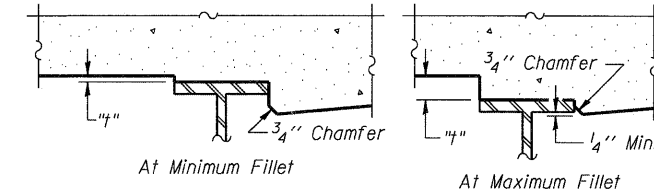


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete deck and fillet 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.



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, 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 S. ABUT.	101+00.10	32.25	590.87	590.87
CL BRG. S. ABUT.	101+02.91	32.25	590.96	590.96
A	101+12.91	32.25	591.25	591.30
B	101+22.91	32.25	591.53	591.61
C	101+32.91	32.25	591.79	591.90
D	101+42.91	32.25	592.04	592.13
E	101+52.91	32.25	592.28	592.33
CL BRG. PIER 1	101+65.91	32.25	592.57	592.57
F	101+75.91	32.25	592.77	592.75
G	101+85.91	32.25	592.96	592.94
H	101+95.91	32.25	593.13	593.11
CL BRG. PIER 2	102+09.45	32.25	593.35	593.35
I	102+19.45	32.25	593.49	593.53
J	102+29.45	32.25	593.62	593.69
K	102+39.45	32.25	593.73	593.83
L	102+49.45	32.25	593.83	593.92
M	102+59.45	32.25	593.92	593.98
CL BRG. N. ABUT.	102+72.45	32.25	594.01	594.01
BK N. ABUT.	102+75.25	32.25	594.03	594.03

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. ABUT.	101+01.48	25.08	591.03	591.03
CL BRG. S. ABUT.	101+04.29	25.08	591.11	591.11
A	101+14.29	25.08	591.40	591.45
B	101+24.29	25.08	591.68	591.76
C	101+34.29	25.08	591.94	592.04
D	101+44.29	25.08	592.19	592.27
E	101+54.29	25.08	592.42	592.48
CL BRG. PIER 1	101+67.29	25.08	592.71	592.71
F	101+77.29	25.08	592.91	592.89
G	101+87.29	25.08	593.10	593.07
H	101+97.29	25.08	593.27	593.25
CL BRG. PIER 2	102+10.83	25.08	593.48	593.48
I	102+20.83	25.08	593.62	593.66
J	102+30.83	25.08	593.75	593.82
K	102+40.83	25.08	593.86	593.96
L	102+50.83	25.08	593.96	594.05
M	102+60.83	25.08	594.04	594.11
CL BRG. N. ABUT.	102+73.83	25.08	594.13	594.13
BK N. ABUT.	102+76.63	25.08	594.14	594.14

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. ABUT.	101+02.86	17.92	591.18	591.18
CL BRG. S. ABUT.	101+05.67	17.92	591.26	591.26
A	101+15.67	17.92	591.55	591.60
B	101+25.67	17.92	591.83	591.91
C	101+35.67	17.92	592.09	592.19
D	101+45.67	17.92	592.33	592.42
E	101+55.67	17.92	592.57	592.62
CL BRG. PIER 1	101+68.67	17.92	592.85	592.85
F	101+78.67	17.92	593.05	593.03
G	101+88.67	17.92	593.23	593.21
H	101+98.67	17.92	593.40	593.38
CL BRG. PIER 2	102+12.21	17.92	593.61	593.61
I	102+22.21	17.92	593.75	593.79
J	102+32.21	17.92	593.88	593.95
K	102+42.21	17.92	593.99	594.09
L	102+52.21	17.92	594.08	594.17
M	102+62.21	17.92	594.16	594.23
CL BRG. N. ABUT.	102+75.21	17.92	594.25	594.25
BK N. ABUT.	102+78.01	17.92	594.26	594.26

**TOP OF SLAB ELEVATIONS II**  
**STRUCTURE NO. 016-2119**

**FOR INFORMATION ONLY**

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
CHECKED	JPO

 800 W FULTON ST CHICAGO, ILLINOIS 60661 1259	TEL 312 454 9100 FAX 312 556 1217 WEB www.epstein-isl.com	SHEET NO. 4	F.A.I. RTE. 94	SECTION 1314B-1-F	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 6
		S17 SHEETS	CONTRACT NO. 60K91		ILLINOIS FED. AID PROJECT		