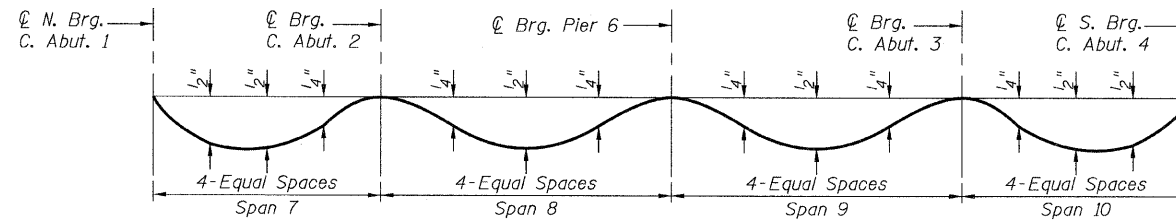


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GIRDER G8					GIRDER G9					GIRDER G10					GIRDER G11				
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
☉ C. Abut. 1	18+32.81	23.63	627.39	627.39	☉ C. Abut. 1	18+30.13	16.88	627.44	627.44	☉ C. Abut. 1	18+27.44	10.13	627.49	627.49	☉ C. Abut. 1	18+24.76	3.38	627.53	627.53
☉ N. Brg.	18+34.42	23.63	627.42	627.42	☉ N. Brg.	18+31.74	16.88	627.47	627.47	☉ N. Brg.	18+29.06	10.13	627.52	627.52	☉ N. Brg.	18+26.37	3.38	627.57	627.57
C. Abut. 1					C. Abut. 1					C. Abut. 1					C. Abut. 1				
A	18+44.42	23.63	627.61	627.63	A	18+41.74	16.88	627.66	627.68	A	18+39.06	10.13	627.71	627.73	A	18+36.37	3.38	627.76	627.78
B	18+54.42	23.63	627.79	627.83	B	18+51.74	16.88	627.85	627.89	B	18+49.06	10.13	627.90	627.94	B	18+46.37	3.38	627.95	627.99
C	18+64.42	23.63	627.97	628.01	C	18+61.74	16.88	628.02	628.07	C	18+59.06	10.13	628.08	628.12	C	18+56.37	3.38	628.13	628.18
D	18+74.42	23.63	628.13	628.18	D	18+71.74	16.88	628.19	628.23	D	18+69.06	10.13	628.25	628.29	D	18+66.37	3.38	628.30	628.35
E	18+84.42	23.63	628.29	628.32	E	18+81.74	16.88	628.35	628.38	E	18+79.06	10.13	628.41	628.44	E	18+76.37	3.38	628.47	628.50
F	18+94.42	23.63	628.44	628.46	F	18+91.74	16.88	628.50	628.52	F	18+89.06	10.13	628.57	628.58	F	18+86.37	3.38	628.63	628.64
☉ Brg.	19+07.85	23.63	628.63	628.63	☉ Brg.	19+05.17	16.88	628.70	628.70	☉ Brg.	19+02.49	10.13	628.76	628.76	☉ Brg.	18+99.80	3.38	628.82	628.82
C. Abut. 2					C. Abut. 2					C. Abut. 2					C. Abut. 2				
G	19+17.85	23.63	628.77	628.77	G	19+15.17	16.88	628.83	628.84	G	19+12.49	10.13	628.90	628.91	G	19+09.80	3.38	628.96	628.97
H	19+27.85	23.63	628.89	628.91	H	19+25.17	16.88	628.96	628.98	H	19+22.49	10.13	629.03	629.05	H	19+19.80	3.38	629.09	629.12
I	19+37.85	23.63	629.01	629.04	I	19+35.17	16.88	629.08	629.11	I	19+32.49	10.13	629.15	629.18	I	19+29.80	3.38	629.22	629.25
J	19+47.85	23.63	629.12	629.16	J	19+45.17	16.88	629.19	629.23	J	19+42.49	10.13	629.26	629.31	J	19+39.80	3.38	629.33	629.38
K	19+57.85	23.63	629.22	629.26	K	19+55.17	16.88	629.29	629.34	K	19+52.49	10.13	629.37	629.41	K	19+49.80	3.38	629.44	629.48
L	19+67.85	23.63	629.31	629.35	L	19+65.17	16.88	629.39	629.42	L	19+62.49	10.13	629.47	629.50	L	19+59.80	3.38	629.54	629.57
M	19+77.85	23.63	629.40	629.42	M	19+75.17	16.88	629.48	629.50	M	19+72.49	10.13	629.55	629.57	M	19+69.80	3.38	629.63	629.65
N	19+87.85	23.63	629.48	629.48	N	19+85.17	16.88	629.56	629.56	N	19+82.49	10.13	629.64	629.64	N	19+79.80	3.38	629.72	629.72
☉ Brg. Pier 6	19+95.81	23.63	629.53	629.53	☉ Brg. Pier 6	19+93.13	16.88	629.61	629.61	☉ Brg. Pier 6	19+90.45	10.13	629.70	629.70	☉ Brg. Pier 6	19+87.76	3.38	629.78	629.78
O	20+05.81	23.63	629.60	629.60	O	20+03.13	16.88	629.68	629.69	O	20+00.45	10.13	629.76	629.77	O	19+97.76	3.38	629.85	629.86
P	20+15.81	23.63	629.65	629.67	P	20+13.13	16.88	629.74	629.76	P	20+10.45	10.13	629.82	629.85	P	20+07.76	3.38	629.91	629.93
Q	20+25.81	23.63	629.70	629.74	Q	20+23.13	16.88	629.79	629.82	Q	20+20.45	10.13	630.14	630.17	Q	20+17.76	3.38	629.96	630.00
R	20+35.81	23.63	629.74	629.78	R	20+33.13	16.88	629.83	629.87	R	20+30.45	10.13	629.92	629.97	R	20+27.76	3.38	630.01	630.06
S	20+45.81	23.63	629.78	629.82	S	20+43.13	16.88	629.87	629.91	S	20+40.45	10.13	629.96	630.00	S	20+37.76	3.38	630.05	630.09
T	20+55.81	23.63	629.81	629.85	T	20+53.13	16.88	629.90	629.94	T	20+50.45	10.13	630.00	630.03	T	20+47.76	3.38	630.09	630.12
U	20+65.81	23.63	629.85	629.87	U	20+63.13	16.88	629.94	629.96	U	20+60.45	10.13	630.03	630.05	U	20+57.76	3.38	630.12	630.14
V	20+75.81	23.63	629.89	629.89	V	20+73.13	16.88	629.98	629.98	V	20+70.45	10.13	630.07	630.08	V	20+67.76	3.38	630.16	630.17
☉ Brg.	20+83.77	23.63	629.92	629.92	☉ Brg.	20+81.09	16.88	630.01	630.01	☉ Brg.	20+78.40	10.13	630.10	630.10	☉ Brg.	20+75.72	3.38	630.19	630.19
C. Abut. 3					C. Abut. 3					C. Abut. 3					C. Abut. 3				
W	20+93.77	23.63	629.95	629.96	W	20+91.09	16.88	630.05	630.05	W	20+88.40	10.13	630.14	630.15	W	20+85.72	3.38	630.23	630.24
X	21+03.77	23.63	629.99	630.02	X	21+01.09	16.88	630.08	630.11	X	20+98.40	10.13	630.17	630.20	X	20+95.72	3.38	630.27	630.29
Y	21+13.77	23.63	630.03	630.07	Y	21+11.09	16.88	630.12	630.16	Y	21+08.40	10.13	630.21	630.25	Y	21+05.72	3.38	630.30	630.34
Z	21+23.77	23.63	630.07	630.11	Z	21+21.09	16.88	630.16	630.20	Z	21+18.40	10.13	630.25	630.29	Z	21+15.72	3.38	630.34	630.39
A1	21+33.77	23.63	630.10	630.15	A1	21+31.09	16.88	630.19	630.24	A1	21+28.40	10.13	630.28	630.33	A1	21+25.72	3.38	630.38	630.42
B1	21+43.77	23.63	630.14	630.17	B1	21+41.09	16.88	630.23	630.26	B1	21+38.40	10.13	630.32	630.35	B1	21+35.72	3.38	630.41	630.44
☉ S. Brg.	21+57.20	23.63	630.18	630.18	☉ S. Brg.	21+54.52	16.88	630.28	630.28	☉ S. Brg.	21+51.83	10.13	630.37	630.37	☉ S. Brg.	21+49.15	3.38	630.46	630.46
C. Abut. 4					C. Abut. 4					C. Abut. 4					C. Abut. 4				
☉ C. Abut. 4	21+58.81	23.63	630.19	630.19	☉ C. Abut. 4	21+56.13	16.88	630.28	630.28	☉ C. Abut. 4	21+53.45	10.13	630.38	630.38	☉ C. Abut. 4	21+50.76	3.38	630.47	630.47



**DEAD LOAD DEFLECTION DIAGRAM (INTERIOR GIRDER G3-G20)**  
(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 above.

**TOP OF SLAB ELEV. - 3**  
**CENTRAL / I-55**  
**STRUCTURE NO. 016-0724**

<b>TYLIN INTERNATIONAL</b>	DESIGNED - EKH	REVISIONS		SHEET NO. 17	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	CHECKED - AMD,	NAME	DATE		55					0711.2R & 1011.1BR	COOK	200	47
	DRAWN - EKH				CONTRACT NO. 60L39								
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
	DATE - 08/02/10												