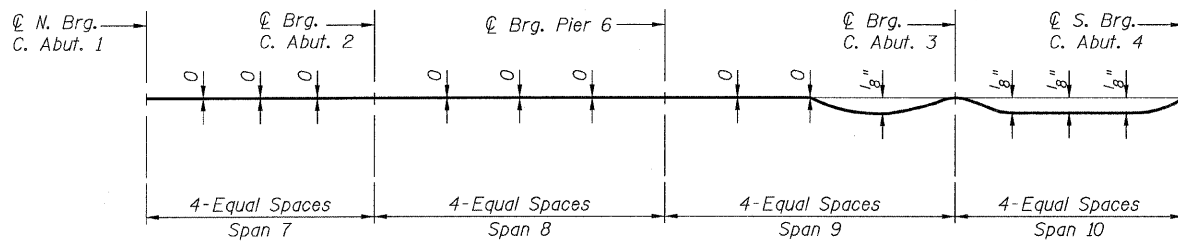


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GIRDER G4					GIRDER G5					GIRDER G6					GIRDER G7				
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+43.54	50.63	627.07	627.07	☉ C. Abut. 1	18+40.86	43.88	627.16	627.16	☉ C. Abut. 1	18+38.18	37.13	627.24	627.24	☉ C. Abut. 1	18+35.49	30.38	627.32	627.32
☉ N. Brg.	18+45.16	50.63	627.10	627.10	☉ N. Brg.	18+42.47	43.88	627.19	627.19	☉ N. Brg.	18+39.79	37.13	627.27	627.27	☉ N. Brg.	18+37.11	30.38	627.35	627.35
C. Abut 1					C. Abut 1					C. Abut 1					C. Abut 1				
A	18+55.16	50.63	627.28	627.31	A	18+52.47	43.88	627.37	627.39	A	18+49.79	37.13	627.46	627.48	A	18+47.11	30.38	627.54	627.57
B	18+65.16	50.63	627.46	627.50	B	18+62.47	43.88	627.55	627.59	B	18+59.79	37.13	627.63	627.67	B	18+57.11	30.38	627.72	627.76
C	18+75.16	50.63	627.62	627.67	C	18+72.47	43.88	627.71	627.76	C	18+69.79	37.13	627.80	627.85	C	18+67.11	30.38	627.89	627.94
D	18+85.16	50.63	627.78	627.82	D	18+82.47	43.88	627.87	627.92	D	18+79.79	37.13	627.97	628.01	D	18+77.11	30.38	628.06	628.10
E	18+95.16	50.63	627.93	627.96	E	18+92.47	43.88	628.03	628.06	E	18+89.79	37.13	628.12	628.15	E	18+87.11	30.38	628.22	628.25
F	19+05.16	50.63	628.07	628.09	F	19+02.47	43.88	928.17	928.18	F	18+99.79	37.13	628.27	628.28	F	18+97.11	30.38	628.36	628.38
☉ Brg.	19+18.59	50.63	628.25	628.25	☉ Brg.	19+15.90	43.88	628.35	628.35	☉ Brg.	19+13.22	37.13	628.45	628.45	☉ Brg.	19+10.54	30.38	628.55	628.55
C. Abut. 2					C. Abut. 2					C. Abut. 2					C. Abut. 2				
G	19+28.59	50.63	628.38	628.38	G	19+25.90	43.88	628.48	628.49	G	19+23.22	37.13	628.58	628.59	G	19+20.54	30.38	628.68	628.69
H	19+38.59	50.63	628.49	628.51	H	19+35.90	43.88	628.60	628.62	H	19+33.22	37.13	628.70	628.72	H	19+30.54	30.38	628.81	628.83
I	19+48.59	50.63	628.60	628.64	I	19+45.90	43.88	628.71	628.74	I	19+43.22	37.13	628.81	628.85	I	19+40.54	30.38	628.92	628.96
J	19+58.59	50.63	628.70	628.75	J	19+55.90	43.88	628.81	628.85	J	19+53.22	37.13	628.92	628.96	J	19+50.54	30.38	629.03	629.07
K	19+68.59	50.63	628.80	628.84	K	19+65.90	43.88	628.91	628.95	K	19+63.22	37.13	629.02	629.06	K	19+60.54	30.38	629.13	629.17
L	19+78.59	50.63	628.88	628.91	L	19+75.90	43.88	628.99	629.03	L	19+73.22	37.13	629.11	629.14	L	19+70.54	30.38	629.22	629.25
M	19+88.59	50.63	628.96	628.98	M	19+85.90	43.88	629.07	629.09	M	19+83.22	37.13	629.19	629.21	M	19+80.54	30.38	629.30	629.32
N	19+98.59	50.63	629.03	629.03	N	19+95.90	43.88	629.14	629.15	N	19+93.22	37.13	629.26	629.27	N	19+90.54	30.38	629.38	629.38
☉ Brg. Pier 6	20+06.54	50.63	629.08	629.08	☉ Brg. Pier 6	20+03.86	43.88	629.20	629.20	☉ Brg. Pier 6	20+01.18	37.13	629.31	629.31	☉ Brg. Pier 6	19+98.49	30.38	629.43	629.43
O	20+16.54	50.63	629.13	629.14	O	20+13.86	43.88	629.25	629.26	O	20+11.18	37.13	629.37	629.38	O	20+08.49	30.38	629.49	629.50
P	20+26.54	50.63	629.18	629.20	P	20+23.86	43.88	629.30	629.32	P	20+21.18	37.13	629.42	629.45	P	20+18.49	30.38	629.55	629.57
Q	20+36.54	50.63	629.22	629.26	Q	20+33.86	43.88	629.34	629.38	Q	20+31.18	37.13	629.47	629.50	Q	20+28.49	30.38	629.59	629.63
R	20+46.54	50.63	629.26	629.30	R	20+43.86	43.88	629.38	629.42	R	20+41.18	37.13	629.51	629.55	R	20+38.49	30.38	629.63	629.68
S	20+56.54	50.63	629.29	629.34	S	20+53.86	43.88	629.42	629.46	S	20+51.18	37.13	629.54	629.59	S	20+48.49	30.38	629.67	629.71
T	20+66.54	50.63	629.33	629.36	T	20+63.86	43.88	629.46	629.49	T	20+61.18	37.13	629.58	629.61	T	20+58.49	30.38	629.71	629.74
U	20+76.54	50.63	629.37	629.39	U	20+73.86	43.88	629.49	629.51	U	20+71.18	37.13	629.62	629.64	U	20+68.49	30.38	629.74	629.76
V	20+86.54	50.63	629.40	629.41	V	20+83.86	43.88	629.53	629.53	V	20+81.18	37.13	629.65	629.66	V	20+78.49	30.38	629.78	629.78
☉ Brg.	20+94.50	50.63	629.43	629.43	☉ Brg.	20+91.82	43.88	629.56	629.56	☉ Brg.	20+89.14	37.13	629.68	629.68	☉ Brg.	20+86.45	30.38	629.81	629.81
C. Abut. 3					C. Abut. 3					C. Abut. 3					C. Abut. 3				
W	21+04.50	50.63	629.47	629.48	W	21+01.82	43.88	629.60	629.60	W	20+99.14	37.13	629.72	629.73	W	20+96.45	30.38	629.85	629.86
X	21+14.50	50.63	629.51	629.53	X	21+11.82	43.88	629.63	629.66	X	21+09.14	37.13	629.76	629.78	X	21+06.45	30.38	629.88	629.91
Y	21+24.50	50.63	629.54	629.58	Y	21+21.82	43.88	629.67	629.71	Y	21+19.14	37.13	629.79	629.83	Y	21+16.45	30.38	629.92	629.96
Z	21+34.50	50.63	629.58	629.63	Z	21+31.82	43.88	629.71	629.75	Z	21+29.14	37.13	629.83	629.88	Z	21+26.45	30.38	629.96	630.00
A1	21+44.50	50.63	629.62	629.66	A1	21+41.82	43.88	629.74	629.79	A1	21+39.14	37.13	629.87	629.91	A1	21+36.45	30.38	629.99	630.04
B1	21+54.50	50.63	629.65	629.68	B1	21+51.82	43.88	629.78	629.81	B1	21+49.14	37.13	629.91	629.94	B1	21+46.45	30.38	630.03	630.06
☉ S. Brg.	21+67.93	50.63	629.69	629.69	☉ S. Brg.	21+65.25	43.88	629.82	629.82	☉ S. Brg.	21+62.57	37.13	629.95	629.95	☉ S. Brg.	21+58.88	30.38	630.07	630.07
C. Abut. 4					C. Abut. 4					C. Abut. 4					C. Abut. 4				
☉ C. Abut. 4	21+69.55	50.63	629.70	629.70	☉ C. Abut. 4	21+66.86	43.88	629.83	629.83	☉ C. Abut. 4	21+64.18	37.13	629.95	629.95	☉ C. Abut. 4	21+61.50	30.38	630.08	630.08



DEAD LOAD DEFLECTION DIAGRAM (INTERIOR GIRDER G2)

(includes weight of concrete only)
(Girder 21 Opposite Hand)

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. - 2
CENTRAL / I-55
STRUCTURE NO. 016-0724

TYLIN INTERNATIONAL	DESIGNED - EKH	REVISIONS		SHEET NO. 22	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	CHECKED - AMD,	NAME	DATE		55					0711.2R & 1011.1BR	COOK	741	346
	DRAWN - EKH				CONTRACT NO. 60999								
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
	DATE - 03/25/2011			239 SHEETS									