

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GIRDER SG1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Bk. S. Abut.	013+45.64	-45.33	611.45	611.45
⊕ Brg. S. Abut.	013+48.42	-45.33	611.55	611.55
A	013+58.42	-45.33	611.90	611.91
B	013+68.42	-45.33	612.25	612.27
C	013+78.42	-45.33	612.60	612.63
D	013+88.42	-45.33	612.95	612.97
E	013+98.42	-45.33	613.30	613.31
F	014+08.42	-45.33	613.65	613.65
⊕ Brg. Pier 1	014+17.67	-45.33	613.97	613.97
G	014+27.67	-45.33	614.32	614.34
H	014+37.67	-45.33	614.67	614.69
I	014+47.67	-45.33	615.02	615.06
J	014+57.67	-45.33	615.37	615.41
K	014+67.67	-45.33	615.72	615.76
L	014+77.67	-45.33	616.07	616.10
M	014+87.67	-45.33	616.42	616.44
N	014+97.67	-45.33	616.77	616.78
⊕ Brg. Pier 2	015+05.92	-45.33	617.06	617.06
O	015+15.92	-45.33	617.41	617.41
P	015+25.92	-45.33	617.76	617.77
Q	015+35.92	-45.33	618.11	618.13
R	015+45.92	-45.33	618.46	618.49
S	015+55.92	-45.33	618.81	618.83
T	015+65.92	-45.33	619.16	619.17
⊕ S. Brg. Pier 3	015+75.17	-45.33	619.48	619.48
⊕ Pier 3	015+76.11	-45.33	619.52	619.52

GIRDER SG2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Bk. S. Abut.	013+82.36	47.15	612.70	612.70
⊕ Brg. S. Abut.	013+85.15	47.17	612.80	612.80
A	013+95.20	47.29	613.15	613.16
B	014+05.25	47.42	613.50	613.52
C	014+15.30	47.55	613.84	613.87
D	014+25.35	47.67	614.19	614.21
E	014+35.40	47.80	614.54	614.55
F	014+45.45	47.92	614.89	614.89
⊕ Brg. Pier 1	014+54.74	48.04	615.22	615.22
G	014+64.79	48.17	615.56	615.59
H	014+74.84	48.29	615.91	615.94
I	014+84.89	48.42	616.26	616.30
J	014+94.94	48.55	616.61	616.66
K	015+04.99	48.67	616.96	617.01
L	015+15.04	48.80	617.31	617.35
M	015+25.09	48.93	617.66	617.68
N	015+35.14	49.05	618.01	618.01
⊕ Brg. Pier 2	015+43.44	49.16	618.30	618.30
O	015+53.49	49.28	618.65	618.65
P	015+63.54	49.41	619.00	619.02
Q	015+73.59	49.54	619.34	619.38
R	015+83.64	49.66	619.69	619.73
S	015+93.69	49.79	620.04	620.07
T	016+03.74	49.91	620.39	620.41
⊕ S. Brg. Pier 3	016+13.03	50.03	620.72	620.72
⊕ Pier 3	016+13.98	50.04	620.75	620.75

GIRDER SG3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Bk. S. Abut.	013+84.14	51.64	612.67	612.67
⊕ Brg. S. Abut.	013+86.93	51.67	612.77	612.77
A	013+97.03	51.92	613.12	613.13
B	014+07.13	52.17	613.47	613.49
C	014+17.23	52.43	613.81	613.84
D	014+27.33	52.68	614.16	614.19
E	014+37.43	52.93	614.51	614.53
F	014+47.53	53.18	614.86	614.86
⊕ Brg. Pier 1	014+56.88	53.42	615.18	615.18
G	014+66.98	53.67	615.53	615.56
H	014+77.08	53.92	615.88	615.91
I	014+87.18	54.18	616.23	616.27
J	014+97.28	54.43	616.58	616.63
K	015+07.38	54.68	616.92	616.97
L	015+17.48	54.93	617.27	617.31
M	015+27.58	55.19	617.62	617.64
N	015+37.68	55.44	617.97	617.98
⊕ Brg. Pier 2	015+46.01	55.65	618.26	618.26
O	015+56.11	55.90	618.61	618.61
P	015+66.21	56.15	618.95	618.97
Q	015+76.31	56.40	619.30	619.33
R	015+86.41	56.66	619.65	619.68
S	015+96.51	56.91	620.00	620.03
T	016+06.61	57.16	620.35	620.36
⊕ S. Brg. Pier 3	016+15.96	57.39	620.67	620.67
⊕ Pier 3	016+16.91	57.42	620.70	620.70

GIRDER SG5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	17+86.35	-48.98	625.91	625.86
NI	17+91.72	-52.47	625.96	625.93
⊕ S.Brg.C.Abut.1	17+99.07	-57.25	626.03	626.03

GIRDER SG10

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	18+30.52	56.67	626.70	626.66
NI	18+35.87	58.74	626.76	626.73
⊕ S.Brg.C.Abut.1	18+46.80	62.97	626.88	626.88

GIRDER SG6

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	17+73.57	-48.68	625.61	625.54
M1	17+81.20	-53.79	625.69	625.64
NI	17+89.15	-58.95	625.77	625.74
⊕ S.Brg.C.Abut.1	17+96.50	-63.73	625.84	625.84

GIRDER SG11

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	18+13.89	56.67	626.36	626.27
L1	18+15.26	57.20	626.38	626.29
M1	18+27.08	61.77	626.53	626.46
NI	18+38.89	66.34	626.67	626.63
⊕ S.Brg.C.Abut.1	18+49.82	70.57	626.79	626.79

GIRDER SG7

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	17+60.79	-48.68	625.29	625.23
K1	17+62.73	-49.94	625.32	625.26
L1	17+70.68	-55.10	625.41	625.36
M1	17+78.63	-60.26	625.50	625.47
NI	17+86.58	-65.43	625.58	625.56
⊕ S.Brg.C.Abut.1	17+93.93	-70.20	625.66	625.66

GIRDER SG12

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
End of Beam	17+97.27	56.67	626.00	626.07
K1	18+06.46	60.23	626.13	626.21
L1	18+18.28	64.80	626.29	626.36
M1	18+30.09	69.37	626.44	626.50
NI	18+41.91	73.94	626.57	626.60
⊕ S.Brg.C.Abut.1	18+52.84	78.17	626.69	626.69

TOP OF SLAB ELEVATIONS 2
STRUCTURE NO. 016-3241

TYLIN INTERNATIONAL	DESIGNED - SP, EKH	REVISIONS		SHEET NO. 9	F.A.I RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 200	SHEET NO. 13
	CHECKED - AMD,	NAME	DATE						
	DRAWN - SP, EKH								
	CHECKED - AMD,								
	DATE - 08/02/10								
CONTRACT NO. 60L39							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

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8/13/2010