

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GIRDER SG4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
☉ Pier 3	015+75.65	-46.49	619.48	619.48
☉ N. Brg. Pier 3	015+76.59	-46.50	619.51	619.51
U	015+86.54	-46.62	619.86	619.87
V	015+96.50	-46.74	620.20	620.23
W	016+06.45	-46.85	620.55	620.58
X	016+16.40	-46.97	620.89	620.92
Y	016+26.35	-47.09	621.24	621.26
Z	016+36.31	-47.21	621.59	621.60
☉ Brg. Pier 4	016+45.52	-47.31	621.90	621.90
A1	016+55.47	-47.43	622.24	622.24
B1	016+65.42	-47.55	622.56	622.57
C1	016+75.38	-47.61	622.88	622.90
D1	016+85.33	-47.67	623.19	623.21
E1	016+95.28	-47.73	623.50	623.51
F1	017+05.23	-47.78	623.79	623.80
G1	017+15.19	-47.90	624.08	624.08
H1	017+25.14	-48.02	624.36	624.36
☉ Brg. Pier 5	017+33.35	-48.35	624.58	624.58
I1	017+43.31	-48.47	624.85	624.87
J1	017+53.26	-48.59	625.11	625.15
K1	017+63.21	-48.71	625.36	625.42
L1	017+73.17	-48.82	625.60	625.67
M1	017+83.12	-48.94	625.83	625.89
N1	017+93.07	-49.06	626.06	626.09
☉ S.Brg.C.Abut.1	018+02.28	-49.17	626.26	626.26
☉ C. Abut. 1	018+03.89	-49.19	626.30	626.30

GIRDER SG8

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
☉ Pier 3	016+13.83	49.67	620.75	620.75
☉ N. Brg. Pier 3	016+14.77	49.67	620.78	620.78
U	016+24.77	49.67	621.13	621.15
V	016+34.77	49.67	621.48	621.51
W	016+44.77	49.67	621.83	621.86
X	016+54.77	49.67	622.17	622.20
Y	016+64.77	49.67	622.50	622.52
Z	016+74.77	49.67	622.82	622.83
☉ Brg. Pier 4	016+84.02	49.67	623.11	623.11
A1	016+94.02	49.67	623.42	623.44
B1	017+04.02	49.67	623.72	623.74
C1	017+14.02	49.67	624.01	624.05
D1	017+24.02	49.67	624.30	624.34
E1	017+34.02	49.67	624.57	624.61
F1	017+44.02	49.67	624.84	624.87
G1	017+54.02	49.67	625.10	625.12
H1	017+64.02	49.67	625.36	625.36
☉ Brg. Pier 5	017+72.27	49.67	625.56	625.56
I1	017+82.27	49.67	625.80	625.81
J1	017+92.27	49.67	626.03	626.06
K1	018+02.27	49.67	626.25	626.30
L1	018+12.27	49.67	626.47	626.52
M1	018+22.27	49.67	626.67	626.72
N1	018+32.27	49.67	626.87	626.90
☉ S.Brg.C.Abut.1	018+41.52	49.67	627.05	627.05
☉ C. Abut. 1	018+43.14	49.67	627.08	627.08

GIRDER SG9

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
☉ Pier 3	016+16.61	56.67	620.71	620.71
☉ N. Brg. Pier 3	016+17.55	56.67	620.74	620.74
U	016+27.55	56.67	621.09	621.11
V	016+37.55	56.67	621.44	621.47
W	016+47.55	56.67	621.78	621.82
X	016+57.55	56.67	622.12	622.15
Y	016+67.55	56.67	622.45	622.47
Z	016+77.55	56.67	622.77	622.78
☉ Brg. Pier 4	016+86.80	56.67	623.06	623.06
A1	016+96.80	56.67	623.37	623.38
B1	017+06.80	56.67	623.66	623.67
C1	017+16.80	56.67	623.95	623.97
D1	017+26.80	56.67	624.23	624.26
E1	017+36.80	56.67	624.51	624.53
F1	017+46.80	56.67	624.78	624.79
G1	017+56.80	56.67	625.03	625.04
H1	017+66.80	56.67	625.28	625.28
☉ Brg. Pier 5	017+75.05	56.67	625.49	625.49
I1	017+85.05	56.67	625.72	625.75
J1	017+95.05	56.67	625.95	626.01
K1	018+05.05	56.67	626.17	626.25
L1	018+15.05	56.67	626.39	626.47
M1	018+25.05	56.67	626.59	626.66
N1	018+35.05	56.67	626.79	626.83
☉ S.Brg.C.Abut.1	018+44.30	56.67	626.96	626.96
☉ C. Abut. 1	018+45.91	56.67	626.99	626.99

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
N1	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
N1	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
N1	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
N1	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
N1	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
N1	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 6
SPANS 4-6
STRUCTURE NO. 016-3241

TYLIN INTERNATIONAL	DESIGNED - SP, EKH	REVISIONS		SHEET NO. 15	F.A.I RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 741	SHEET NO. 268
	CHECKED - AMD,	NAME	DATE						
	DRAWN - SP, EKH								
	CHECKED - AMD,								
	DATE - 03/25/2011			71 SHEETS	CONTRACT NO. 60999				
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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