

GIRDER 7

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 6	181+46.05	4.25	678.25	678.25
☉ Brg. Pier 6-N	181+47.30	4.25	678.27	678.27
V1	181+57.30	4.25	678.47	678.51
W1	181+67.30	4.25	678.65	678.72
X1	181+77.30	4.25	678.83	678.92
Y1	181+87.30	4.25	678.99	679.10
Z1	181+97.30	4.25	679.14	679.26
A2	182+07.30	4.25	679.29	679.40
B2	182+17.30	4.25	679.42	679.52
C2	182+27.30	4.25	679.54	679.62
D2	182+37.30	4.25	679.65	679.71
E2	182+47.30	4.25	679.75	679.78
F2	182+57.30	4.25	679.84	679.85
G2	---	---	---	---
H2	---	---	---	---
J2	---	---	---	---
☉ Pier 7	182+64.44	4.25	679.90	679.90
K2	182+74.44	4.25	679.98	679.97
L2	182+84.44	4.25	680.04	680.04
M2	182+94.44	4.25	680.09	680.10
N2	183+04.44	4.25	680.13	680.15
P2	183+14.44	4.25	680.17	680.19
R2	183+24.44	4.25	680.19	680.22
S2	183+34.44	4.25	680.20	680.23
T2	183+44.44	4.25	680.20	680.23
U2	183+54.44	4.25	680.19	680.21
V2	183+64.44	4.25	680.17	680.18
W2	183+74.44	4.25	680.14	680.14
X2	183+84.44	4.25	680.10	680.10
Y2	183+94.44	4.25	680.05	680.05
☉ Pier 8	183+99.95	4.25	680.02	680.02
Z2	---	---	---	---
A3	---	---	---	---
B3	---	---	---	---
C3	184+13.94	4.25	679.92	679.95
D3	184+23.94	4.25	679.84	679.89
E3	184+33.94	4.25	679.75	679.83
F3	184+43.94	4.25	679.65	679.75
G3	184+53.94	4.25	679.53	679.66
H3	184+63.94	4.25	679.41	679.55
J3	184+73.94	4.25	679.28	679.42
K3	184+83.94	4.25	679.14	679.26
L3	184+93.94	4.25	678.98	679.09
M3	185+03.94	4.25	678.82	678.89
N3	185+13.94	4.25	678.64	678.68
☉ Brg. Pier 9-S	185+22.05	4.25	678.49	678.49
☉ Pier 9	185+23.30	4.25	678.47	678.47

GIRDER 8

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 6	181+46.05	12.75	678.08	678.08
☉ Brg. Pier 6-N	181+47.30	12.75	678.10	678.10
V1	181+57.30	12.75	678.30	678.33
W1	181+67.30	12.75	678.48	678.55
X1	181+77.30	12.75	678.66	678.74
Y1	181+87.30	12.75	678.82	678.92
Z1	181+97.30	12.75	678.97	679.08
A2	182+07.30	12.75	679.12	679.21
B2	182+17.30	12.75	679.25	679.33
C2	182+27.30	12.75	679.37	679.43
D2	182+37.30	12.75	679.48	679.52
E2	182+47.30	12.75	679.58	679.60
F2	---	---	---	---
G2	---	---	---	---
H2	---	---	---	---
J2	---	---	---	---
☉ Pier 7	182+59.73	12.75	679.70	679.70
K2	182+69.73	12.75	679.77	679.77
L2	182+79.73	12.75	679.84	679.84
M2	182+89.73	12.75	679.90	679.91
N2	182+99.73	12.75	679.95	679.97
P2	183+09.73	12.75	679.98	680.01
R2	183+19.73	12.75	680.01	680.04
S2	183+29.73	12.75	680.03	680.06
T2	183+39.73	12.75	680.03	680.06
U2	183+49.73	12.75	680.03	680.05
V2	183+59.73	12.75	680.01	680.02
W2	183+69.73	12.75	679.99	679.99
X2	183+79.73	12.75	679.95	679.95
Y2	183+89.73	12.75	679.91	679.90
☉ Pier 8	183+94.75	12.75	679.88	679.88
Z2	---	---	---	---
A3	---	---	---	---
B3	184+03.94	12.75	679.82	679.84
C3	184+13.94	12.75	679.75	679.79
D3	184+23.94	12.75	679.67	679.74
E3	184+33.94	12.75	679.58	679.68
F3	184+43.94	12.75	679.48	679.61
G3	184+53.94	12.75	679.36	679.51
H3	184+63.94	12.75	679.24	679.40
J3	184+73.94	12.75	679.11	679.26
K3	184+83.94	12.75	678.97	679.11
L3	184+93.94	12.75	678.81	678.93
M3	185+03.94	12.75	678.65	678.73
N3	185+13.94	12.75	678.47	678.51
☉ Brg. Pier 9-S	185+22.05	12.75	678.32	678.32
☉ Pier 9	185+23.30	12.75	678.30	678.30

GIRDER 9

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 6	181+46.05	21.25	677.91	677.91
☉ Brg. Pier 6-N	181+47.30	21.25	677.93	677.93
V1	181+57.30	21.25	678.13	678.16
W1	181+67.30	21.25	678.31	678.37
X1	181+77.30	21.25	678.49	678.56
Y1	181+87.30	21.25	678.65	678.74
Z1	181+97.30	21.25	678.80	678.89
A2	182+07.30	21.25	678.95	679.03
B2	182+17.30	21.25	679.08	679.14
C2	182+27.30	21.25	679.20	679.25
D2	182+37.30	21.25	679.31	679.34
E2	182+47.30	21.25	679.41	679.42
F2	---	---	---	---
G2	---	---	---	---
H2	---	---	---	---
J2	---	---	---	---
☉ Pier 7	182+55.02	21.25	679.48	679.48
K2	182+65.02	21.25	679.57	679.57
L2	182+75.02	21.25	679.64	679.64
M2	182+85.02	21.25	679.70	679.71
N2	182+95.02	21.25	679.75	679.78
P2	183+05.02	21.25	679.80	679.83
R2	183+15.02	21.25	679.83	679.86
S2	183+25.02	21.25	679.85	679.88
T2	183+35.02	21.25	679.86	679.89
U2	183+45.02	21.25	679.86	679.88
V2	183+55.02	21.25	679.85	679.86
W2	183+65.02	21.25	679.83	679.83
X2	183+75.02	21.25	679.80	679.79
Y2	---	---	---	---
☉ Pier 8	183+89.54	21.25	679.74	679.74
Z2	---	---	---	---
A3	---	---	---	---
B3	184+03.94	21.25	679.65	679.68
C3	184+13.94	21.25	679.58	679.64
D3	184+23.94	21.25	679.50	679.60
E3	184+33.94	21.25	679.41	679.54
F3	184+43.94	21.25	679.31	679.46
G3	184+53.94	21.25	679.19	679.37
H3	184+63.94	21.25	679.07	679.25
J3	184+73.94	21.25	678.94	679.11
K3	184+83.94	21.25	678.80	678.95
L3	184+93.94	21.25	678.64	678.77
M3	185+03.94	21.25	678.48	678.57
N3	185+13.94	21.25	678.30	678.35
☉ Brg. Pier 9-S	185+22.05	21.25	678.15	678.15
☉ Pier 9	185+23.30	21.25	678.13	678.13

GIRDER 10

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 6	181+46.05	29.75	677.74	677.74
☉ Brg. Pier 6-N	181+47.30	29.75	677.76	677.76
V1	181+57.30	29.75	677.96	677.99
W1	181+67.30	29.75	678.14	678.19
X1	181+77.30	29.75	678.32	678.38
Y1	181+87.30	29.75	678.48	678.56
Z1	181+97.30	29.75	678.63	678.71
A2	182+07.30	29.75	678.78	678.84
B2	182+17.30	29.75	678.91	678.96
C2	182+27.30	29.75	679.03	679.06
D2	182+37.30	29.75	679.14	679.16
E2	---	---	---	---
F2	---	---	---	---
G2	---	---	---	---
H2	---	---	---	---
J2	---	---	---	---
☉ Pier 7	182+50.31	29.75	679.27	679.27
K2	182+60.31	29.75	679.36	679.36
L2	182+70.31	29.75	679.44	679.44
M2	182+80.31	29.75	679.50	679.52
N2	182+90.31	29.75	679.56	679.58
P2	183+00.31	29.75	679.61	679.64
R2	183+10.31	29.75	679.64	679.68
S2	183+20.31	29.75	679.67	679.70
T2	183+30.31	29.75	679.69	679.71
U2	183+40.31	29.75	679.69	679.71
V2	183+50.31	29.75	679.69	679.69
W2	183+60.31	29.75	679.67	679.67
X2	183+70.31	29.75	679.64	679.64
Y2	---	---	---	---
☉ Pier 8	183+84.34	29.75	679.59	679.59
Z2	---	---	---	---
A3	183+93.94	29.75	679.54	679.56
B3	184+03.94	29.75	679.48	679.53
C3	184+13.94	29.75	679.41	679.50
D3	184+23.94	29.75	679.33	679.45
E3	184+33.94	29.75	679.24	679.39
F3	184+43.94	29.75	679.14	679.32
G3	184+53.94	29.75	679.02	679.22
H3	184+63.94	29.75	678.90	679.10
J3	184+73.94	29.75	678.77	678.96
K3	184+83.94	29.75	678.63	678.80
L3	184+93.94	29.75	678.47	678.61
M3	185+03.94	29.75	678.31	678.40
N3	185+13.94	29.75	678.13	678.18
☉ Brg. Pier 9-S	185+22.05	29.75	677.98	677.98
☉ Pier 9	185+23.30	29.75	677.96	677.96

Note:
1. Work this sheet with Sheets S8-S11.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TOP OF SLAB ELEVATIONS IIB FAP 330 US 12/45 (MANNHEIM RD.) OVER 500 LINE RR & FRANKLIN AVE. STRUCTURE NO. 016-2815 SECTION 465 VB-R-1 STA. 183+33.30 DATE 7/2009	COOK COUNTY DRAWN BY JHR CHECKED BY DEV
NAME	DATE		

EARTH TECH | AECOM