

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 9

BEAM 10

BEAM 11

BEAM 12

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	015+95.07	2.42	620.92	620.92
Q N. BRG. PIER 3	015+96.01	2.42	620.95	620.95
U	016+06.01	2.42	621.30	621.31
V	016+16.01	2.42	621.65	621.67
W	016+26.01	2.42	622.00	622.03
X	016+36.01	2.42	622.35	622.37
Y	016+46.01	2.42	622.69	622.71
Z	016+56.01	2.42	623.03	623.04
Q PIER 4	016+65.26	2.42	623.34	623.34
A1	016+75.26	2.42	623.66	623.68
B1	016+85.26	2.42	623.97	623.99
C1	016+95.26	2.42	624.28	624.31
D1	017+05.26	2.42	624.58	624.62
E1	017+15.26	2.42	624.87	624.91
F1	017+25.26	2.42	625.15	625.18
G1	017+35.26	2.42	625.43	625.45
H1	017+45.26	2.42	625.70	625.70
Q PIER 5	017+53.51	2.42	625.91	625.91
I1	017+63.51	2.42	626.17	626.17
J1	017+73.51	2.42	626.41	626.43
K1	017+83.51	2.42	626.65	626.67
L1	017+93.51	2.42	626.88	626.91
M1	018+03.51	2.42	627.10	627.13
N1	018+13.51	2.42	627.31	627.33
Q S.BRG C. ABUT 1	018+22.76	2.42	627.51	627.51
Q C. ABUT. 1	018+24.38	2.42	627.54	627.54

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	015+97.35	8.17	620.91	620.91
Q N. BRG. PIER 3	015+98.29	8.17	620.94	620.94
U	016+08.29	8.17	621.29	621.31
V	016+18.29	8.17	621.64	621.67
W	016+28.29	8.17	621.99	622.02
X	016+38.29	8.17	622.34	622.37
Y	016+48.29	8.17	622.69	622.70
Z	016+58.29	8.17	623.02	623.03
Q PIER 4	016+67.54	8.17	623.33	623.33
A1	016+77.54	8.17	623.65	623.66
B1	016+87.54	8.17	623.96	623.98
C1	016+97.54	8.17	624.26	624.29
D1	017+07.54	8.17	624.56	624.60
E1	017+17.54	8.17	624.85	624.89
F1	017+27.54	8.17	625.13	625.16
G1	017+37.54	8.17	625.41	625.42
H1	017+47.54	8.17	625.67	625.68
Q PIER 5	017+55.79	8.17	625.88	625.88
I1	017+65.79	8.17	626.14	626.14
J1	017+75.79	8.17	626.38	626.39
K1	017+85.79	8.17	626.62	626.64
L1	017+95.79	8.17	626.84	626.87
M1	018+05.79	8.17	627.06	627.09
N1	018+15.79	8.17	627.28	627.29
Q S.BRG C. ABUT 1	018+25.04	8.17	627.47	627.47
Q C. ABUT. 1	018+26.66	8.17	627.50	627.50

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	015+99.64	13.92	620.90	620.90
Q N. BRG. PIER 3	016+00.58	13.92	620.94	620.94
U	016+10.58	13.92	621.29	621.30
V	016+20.58	13.92	621.64	621.66
W	016+30.58	13.92	621.99	622.01
X	016+40.58	13.92	622.34	622.36
Y	016+50.58	13.92	622.68	622.69
Z	016+60.58	13.92	623.01	623.01
Q PIER 4	016+69.83	13.92	623.31	623.31
A1	016+79.83	13.92	623.63	623.65
B1	016+89.83	13.92	623.94	623.96
C1	016+99.83	13.92	624.25	624.28
D1	017+09.83	13.92	624.54	624.58
E1	017+19.83	13.92	624.83	624.87
F1	017+29.83	13.92	625.11	625.14
G1	017+39.83	13.92	625.38	625.40
H1	017+49.83	13.92	625.64	625.65
Q PIER 5	017+58.08	13.92	625.86	625.86
I1	017+68.08	13.92	626.11	626.11
J1	017+78.08	13.92	626.35	626.36
K1	017+88.08	13.92	626.58	626.61
L1	017+98.08	13.92	626.81	626.84
M1	018+08.08	13.92	627.03	627.05
N1	018+18.08	13.92	627.24	627.25
Q S.BRG C. ABUT 1	018+27.33	13.92	627.43	627.43
Q C. ABUT. 1	018+28.94	13.92	627.46	627.46

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	016+01.92	19.67	620.90	620.90
Q N. BRG. PIER 3	016+02.86	19.67	620.93	620.93
U	016+12.86	19.67	621.28	621.29
V	016+22.86	19.67	621.63	621.66
W	016+32.86	19.67	621.98	622.01
X	016+42.86	19.67	622.33	622.35
Y	016+52.86	19.67	622.67	622.68
Z	016+62.86	19.67	623.00	623.00
Q PIER 4	016+72.11	19.67	623.30	623.30
A1	016+82.11	19.67	623.62	623.63
B1	016+92.11	19.67	623.93	623.95
C1	017+02.11	19.67	624.23	624.26
D1	017+12.11	19.67	624.52	624.56
E1	017+22.11	19.67	624.81	624.84
F1	017+32.11	19.67	625.08	625.11
G1	017+42.11	19.67	625.35	625.37
H1	017+52.11	19.67	625.62	625.62
Q PIER 5	017+60.36	19.67	625.83	625.83
I1	017+70.36	19.67	626.08	626.08
J1	017+80.36	19.67	626.32	626.33
K1	017+90.36	19.67	626.55	626.57
L1	018+00.36	19.67	626.77	626.80
M1	018+10.36	19.67	626.99	627.01
N1	018+20.36	19.67	627.20	627.21
Q S.BRG C. ABUT 1	018+29.61	19.67	627.38	627.38
Q C. ABUT. 1	018+31.23	19.67	627.42	627.42

BEAM 13

BEAM 14

BEAM 15

BEAM 16

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	016+04.20	25.42	620.89	620.89
Q N. BRG. PIER 3	016+05.14	25.42	620.92	620.92
U	016+15.14	25.42	621.27	621.29
V	016+25.14	25.42	621.62	621.65
W	016+35.14	25.42	621.97	622.00
X	016+45.14	25.42	622.32	622.34
Y	016+55.14	25.42	622.66	622.67
Z	016+65.14	25.42	622.99	622.99
Q PIER 4	016+74.39	25.42	623.29	623.29
A1	016+84.39	25.42	623.60	623.62
B1	016+94.39	25.42	623.91	623.93
C1	017+04.39	25.42	624.21	624.24
D1	017+14.39	25.42	624.50	624.54
E1	017+24.39	25.42	624.78	624.82
F1	017+34.39	25.42	625.06	625.09
G1	017+44.39	25.42	625.33	625.35
H1	017+54.39	25.42	625.59	625.59
Q PIER 5	017+62.64	25.42	625.80	625.80
I1	017+72.64	25.42	626.04	626.05
J1	017+82.64	25.42	626.28	626.30
K1	017+92.64	25.42	626.51	626.54
L1	018+02.64	25.42	626.74	626.76
M1	018+12.64	25.42	626.95	626.98
N1	018+22.64	25.42	627.16	627.17
Q S.BRG C. ABUT 1	018+31.89	25.42	627.34	627.34
Q C. ABUT. 1	018+33.51	25.42	627.37	627.37

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	016+06.48	31.17	620.86	620.86
Q N. BRG. PIER 3	016+07.42	31.17	620.90	620.90
U	016+17.42	31.17	621.25	621.26
V	016+27.42	31.17	621.60	621.62
W	016+37.42	31.17	621.95	621.97
X	016+47.42	31.17	622.29	622.31
Y	016+57.42	31.17	622.63	622.64
Z	016+67.42	31.17	622.96	622.96
Q PIER 4	016+76.67	31.17	623.25	623.25
A1	016+86.67	31.17	623.57	623.58
B1	016+96.67	31.17	623.87	623.89
C1	017+06.67	31.17	624.17	624.20
D1	017+16.67	31.17	624.46	624.50
E1	017+26.67	31.17	624.74	624.78
F1	017+36.67	31.17	625.02	625.05
G1	017+46.67	31.17	625.28	625.30
H1	017+56.67	31.17	625.54	625.55
Q PIER 5	017+64.92	31.17	625.75	625.75
I1	017+74.92	31.17	625.99	626.00
J1	017+84.92	31.17	626.23	626.24
K1	017+94.92	31.17	626.46	626.48
L1	018+04.92	31.17	626.68	626.71
M1	018+14.92	31.17	626.89	626.92
N1	018+24.92	31.17	627.10	627.11
Q S.BRG C. ABUT 1	018+34.17	31.17	627.28	627.28
Q C. ABUT. 1	018+35.79	31.17	627.31	627.31

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	016+08.77	36.92	620.83	620.83
Q N. BRG. PIER 3	016+09.71	36.92	620.86	620.86
U	016+19.71	36.92	621.21	621.23
V	016+29.71	36.92	621.56	621.59
W	016+39.71	36.92	621.91	621.94
X	016+49.71	36.92	622.25	622.28
Y	016+59.71	36.92	622.59	622.60
Z	016+69.71	36.92	622.91	622.92
Q PIER 4	016+78.96	36.92	623.21	623.21
A1	016+88.96	36.92	623.52	623.54
B1	016+98.96	36.92	623.83	623.84
C1	017+08.96	36.92	624.12	624.15
D1	017+18.96	36.92	624.41	624.45
E1	017+28.96	36.92	624.69	624.73
F1	017+38.96	36.92	624.96	624.99
G1	017+48.96	36.92	625.23	625.24
H1	017+58.96	36.92	625.48	625.49
Q PIER 5	017+67.21	36.92	625.69	625.69
I1	017+77.21	36.92	625.93	625.94
J1	017+87.21	36.92	626.17	626.18
K1	017+97.21	36.92	626.39	626.42
L1	018+07.21	36.92	626.61	626.64
M1	018+17.21	36.92	626.82	626.85
N1	018+27.21	36.92	627.03	627.04
Q S.BRG C. ABUT 1	018+36.46	36.92	627.21	627.21
Q C. ABUT. 1	018+38.07	36.92	627.24	627.24

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Q PIER 3	016+11.05	42.67	620.79	620.79
Q N. BRG. PIER 3	016+11.99	42.67	620.83	620.83
U	016+21.99	42.67	621.18	621.19
V	016+31.99	42.67	621.53	621.55
W	016+41.99	42.67	621.87	621.90
X	016+51.99	42.67	622.22	622.24
Y	016+61.99	42.67	622.55	622.56
Z	016+71.99	42.67	622.87	622.88