

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 324	SECTION 23B-1	COUNTY McHENRY	TOTAL SHEETS 97	SHEET NO. 46	SHEET NO. 6 25 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT		

Contract # 62892

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	14.58	804.58	804.58
@ S. Abut.	67+73.75	14.58	804.58	804.58
A	67+83.75	14.58	804.63	804.69
B	67+93.75	14.58	804.68	804.79
C	68+03.75	14.58	804.73	804.87
D	68+13.75	14.58	804.78	804.93
E	68+23.75	14.58	804.83	804.96
F	68+33.75	14.58	804.88	804.98
G	68+43.75	14.58	804.93	804.99
H	68+53.75	14.58	804.98	805.00
@ Pier 1	68+60.00	14.58	805.01	805.01
I	68+70.00	14.58	805.06	805.05
J	68+80.00	14.58	805.11	805.11
K	68+90.00	14.58	805.16	805.16
L	69+00.00	14.58	805.21	805.22
M	69+10.00	14.58	805.26	805.27
N	69+20.00	14.58	805.31	805.31
O	69+30.00	14.58	805.36	805.35
P	69+40.00	14.58	805.41	805.40
@ Pier 2	69+45.00	14.58	805.44	805.44
Q	69+55.00	14.58	805.49	805.52
R	69+65.00	14.58	805.54	805.61
S	69+75.00	14.58	805.59	805.70
T	69+85.00	14.58	805.64	805.78
U	69+95.00	14.58	805.69	805.83
V	70+05.00	14.58	805.74	805.87
W	70+15.00	14.58	805.79	805.88
X	70+25.00	14.58	805.84	805.88
@ N. Abut.	70+31.25	14.58	805.87	805.87
Bk. N. Abut.	70+32.50	14.58	805.87	805.87

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	20.42	804.46	804.46
@ S. Abut.	67+73.75	20.42	804.46	804.46
A	67+83.75	20.42	804.51	804.57
B	67+93.75	20.42	804.56	804.67
C	68+03.75	20.42	804.61	804.75
D	68+13.75	20.42	804.66	804.81
E	68+23.75	20.42	804.71	804.84
F	68+33.75	20.42	804.76	804.86
G	68+43.75	20.42	804.81	804.87
H	68+53.75	20.42	804.86	804.88
@ Pier 1	68+60.00	20.42	804.89	804.89
I	68+70.00	20.42	804.94	804.93
J	68+80.00	20.42	804.99	804.99
K	68+90.00	20.42	805.04	805.04
L	69+00.00	20.42	805.09	805.10
M	69+10.00	20.42	805.14	805.15
N	69+20.00	20.42	805.19	805.19
O	69+30.00	20.42	805.24	805.23
P	69+40.00	20.42	805.29	805.28
@ Pier 2	69+45.00	20.42	805.32	805.32
Q	69+55.00	20.42	805.37	805.40
R	69+65.00	20.42	805.42	805.49
S	69+75.00	20.42	805.47	805.58
T	69+85.00	20.42	805.52	805.66
U	69+95.00	20.42	805.57	805.71
V	70+05.00	20.42	805.62	805.75
W	70+15.00	20.42	805.67	805.76
X	70+25.00	20.42	805.72	805.76
@ N. Abut.	70+31.25	20.42	805.75	805.75
Bk. N. Abut.	70+32.50	20.42	805.75	805.75

CENTERLINE OF ROADWAY AND P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	0.00	804.82	804.82
@ S. Abut.	67+73.75	0.00	804.82	804.82
A	67+83.75	0.00	804.87	804.93
B	67+93.75	0.00	804.92	805.03
C	68+03.75	0.00	804.97	805.11
D	68+13.75	0.00	805.02	805.17
E	68+23.75	0.00	805.07	805.20
F	68+33.75	0.00	805.12	805.22
G	68+43.75	0.00	805.17	805.23
H	68+53.75	0.00	805.22	805.24
@ Pier 1	68+60.00	0.00	805.25	805.25
I	68+70.00	0.00	805.30	805.29
J	68+80.00	0.00	805.35	805.35
K	68+90.00	0.00	805.40	805.40
L	69+00.00	0.00	805.45	805.46
M	69+10.00	0.00	805.50	805.51
N	69+20.00	0.00	805.55	805.55
O	69+30.00	0.00	805.60	805.59
P	69+40.00	0.00	805.65	805.64
@ Pier 2	69+45.00	0.00	805.68	805.68
Q	69+55.00	0.00	805.73	805.76
R	69+65.00	0.00	805.78	805.85
S	69+75.00	0.00	805.83	805.94
T	69+85.00	0.00	805.88	806.02
U	69+95.00	0.00	805.93	806.07
V	70+05.00	0.00	805.98	806.11
W	70+15.00	0.00	806.03	806.12
X	70+25.00	0.00	806.08	806.12
@ N. Abut.	70+31.25	0.00	806.12	806.12
Bk. N. Abut.	70+32.50	0.00	806.12	806.12

DESIGNED CJB
CHECKED PWO
DRAWN DRP
CHECKED PJM



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TOP OF SLAB ELEVATIONS  
ILL. ROUTE 23 OVER  
KISHWAUKEE RIVER  
F.A.P. RT. 324  
MCHEMRY COUNTY  
STATION 69+02.50  
STRUCTURE NO. 056-0001