

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 5 25 SHEETS
F.A.P. 324	23B-1	McHENRY	97	45	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			

Contract # 62892

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	-2.92	804.77	804.77
@ S. Abut.	67+73.75	-2.92	804.77	804.77
A	67+83.75	-2.92	804.82	804.88
B	67+93.75	-2.92	804.87	804.98
C	68+03.75	-2.92	804.92	805.06
D	68+13.75	-2.92	804.97	805.12
E	68+23.75	-2.92	805.02	805.15
F	68+33.75	-2.92	805.07	805.17
G	68+43.75	-2.92	805.12	805.18
H	68+53.75	-2.92	805.17	805.19
@ Pier 1	68+60.00	-2.92	805.20	805.20
I	68+70.00	-2.92	805.25	805.24
J	68+80.00	-2.92	805.30	805.30
K	68+90.00	-2.92	805.35	805.35
L	69+00.00	-2.92	805.40	805.41
M	69+10.00	-2.92	805.45	805.46
N	69+20.00	-2.92	805.50	805.50
O	69+30.00	-2.92	805.55	805.54
P	69+40.00	-2.92	805.60	805.59
@ Pier 2	69+45.00	-2.92	805.63	805.63
Q	69+55.00	-2.92	805.68	805.71
R	69+65.00	-2.92	805.73	805.80
S	69+75.00	-2.92	805.78	805.89
T	69+85.00	-2.92	805.83	805.97
U	69+95.00	-2.92	805.88	806.02
V	70+05.00	-2.92	805.93	806.06
W	70+15.00	-2.92	805.98	806.07
X	70+25.00	-2.92	806.03	806.07
@ N. Abut.	70+31.25	-2.92	806.06	806.06
Bk. N. Abut.	70+32.50	-2.92	806.06	806.06

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	2.92	804.77	804.77
@ S. Abut.	67+73.75	2.92	804.77	804.77
A	67+83.75	2.92	804.82	804.88
B	67+93.75	2.92	804.87	804.98
C	68+03.75	2.92	804.92	805.06
D	68+13.75	2.92	804.97	805.12
E	68+23.75	2.92	805.02	805.15
F	68+33.75	2.92	805.07	805.17
G	68+43.75	2.92	805.12	805.18
H	68+53.75	2.92	805.17	805.19
@ Pier 1	68+60.00	2.92	805.20	805.20
I	68+70.00	2.92	805.25	805.24
J	68+80.00	2.92	805.30	805.30
K	68+90.00	2.92	805.35	805.35
L	69+00.00	2.92	805.40	805.41
M	69+10.00	2.92	805.45	805.46
N	69+20.00	2.92	805.50	805.50
O	69+30.00	2.92	805.55	805.54
P	69+40.00	2.92	805.60	805.59
@ Pier 2	69+45.00	2.92	805.63	805.63
Q	69+55.00	2.92	805.68	805.71
R	69+65.00	2.92	805.73	805.80
S	69+75.00	2.92	805.78	805.89
T	69+85.00	2.92	805.83	805.97
U	69+95.00	2.92	805.88	806.02
V	70+05.00	2.92	805.93	806.06
W	70+15.00	2.92	805.98	806.07
X	70+25.00	2.92	806.03	806.07
@ N. Abut.	70+31.25	2.92	806.06	806.06
Bk. N. Abut.	70+32.50	2.92	806.06	806.06

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	8.75	804.68	804.68
@ S. Abut.	67+73.75	8.75	804.68	804.68
A	67+83.75	8.75	804.73	804.79
B	67+93.75	8.75	804.78	804.89
C	68+03.75	8.75	804.83	804.97
D	68+13.75	8.75	804.88	805.03
E	68+23.75	8.75	804.93	805.06
F	68+33.75	8.75	804.98	805.08
G	68+43.75	8.75	805.03	805.09
H	68+53.75	8.75	805.08	805.10
@ Pier 1	68+60.00	8.75	805.11	805.11
I	68+70.00	8.75	805.16	805.15
J	68+80.00	8.75	805.21	805.21
K	68+90.00	8.75	805.26	805.26
L	69+00.00	8.75	805.31	805.32
M	69+10.00	8.75	805.36	805.37
N	69+20.00	8.75	805.41	805.41
O	69+30.00	8.75	805.46	805.45
P	69+40.00	8.75	805.51	805.50
@ Pier 2	69+45.00	8.75	805.54	805.54
Q	69+55.00	8.75	805.59	805.62
R	69+65.00	8.75	805.64	805.71
S	69+75.00	8.75	805.69	805.80
T	69+85.00	8.75	805.74	805.88
U	69+95.00	8.75	805.79	805.93
V	70+05.00	8.75	805.84	805.97
W	70+15.00	8.75	805.89	805.98
X	70+25.00	8.75	805.94	805.98
@ N. Abut.	70+31.25	8.75	805.97	805.97
Bk. N. Abut.	70+32.50	8.75	805.97	805.97

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**  
**McHENRY COUNTY**  
**STATION 69+02.50**  
**STRUCTURE NO. 056-000!**