

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7 32 SHEETS
FAU 1312	0707-B	Cook	80	41	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		

Contract # 60B98

BEAM #7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+76.06	3.38	602.27	602.27
CL Brg. W. Abut.	101+77.39	3.38	602.29	602.29
A	101+87.39	3.38	602.43	602.46
B	101+97.39	3.38	602.56	602.61
C	102+07.39	3.38	602.67	602.73
D	102+17.39	3.38	602.77	602.83
E	102+27.39	3.38	602.86	602.90
F	102+37.39	3.38	602.94	602.96
CL W. Brg. Pier 1	102+42.64	3.38	602.98	602.98
CL E. Brg. Pier 1	102+44.14	3.38	602.98	602.98
G	102+54.14	3.38	603.04	603.09
H	102+64.14	3.38	603.08	603.18
I	102+74.14	3.38	603.12	603.24
J	102+84.14	3.38	603.13	603.27
K	102+94.14	3.38	603.14	603.26
L	103+04.14	3.38	603.13	603.22
M	103+14.14	3.38	603.11	603.16
CL W. Brg. Pier 2	103+22.64	3.38	603.09	603.09
CL E. Brg. Pier 2	103+24.14	3.38	603.08	603.08
N	103+34.14	3.38	603.04	603.07
O	103+44.14	3.38	602.98	603.03
P	103+54.14	3.38	602.91	602.98
Q	103+64.14	3.38	602.83	602.89
R	103+74.14	3.38	602.74	602.78
S	103+84.14	3.38	602.63	602.65
CL Brg. E. Abut.	103+89.39	3.38	602.57	602.57
Back of East Abut.	103+90.72	3.38	602.56	602.56

BEAM #8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+73.60	10.13	602.10	602.10
CL Brg. W. Abut.	101+74.93	10.13	602.12	602.12
A	101+84.93	10.13	602.26	602.29
B	101+94.93	10.13	602.39	602.44
C	102+04.93	10.13	602.51	602.57
D	102+14.93	10.13	602.62	602.67
E	102+24.93	10.13	602.71	602.75
F	102+34.93	10.13	602.79	602.80
CL W. Brg. Pier 1	102+40.18	10.13	602.82	602.82
CL E. Brg. Pier 1	102+41.68	10.13	602.83	602.83
G	102+51.68	10.13	602.89	602.95
H	102+61.68	10.13	602.94	603.04
I	102+71.68	10.13	602.97	603.10
J	102+81.68	10.13	603.00	603.13
K	102+91.68	10.13	603.00	603.13
L	103+01.68	10.13	603.00	603.09
M	103+11.68	10.13	602.99	603.03
CL W. Brg. Pier 2	103+20.18	10.13	602.96	602.96
CL E. Brg. Pier 2	103+21.68	10.13	602.96	602.96
N	103+31.68	10.13	602.92	602.95
O	103+41.68	10.13	602.86	602.91
P	103+51.68	10.13	602.80	602.86
Q	103+61.68	10.13	602.72	602.78
R	103+71.68	10.13	602.63	602.67
S	103+81.68	10.13	602.53	602.54
CL Brg. E. Abut.	103+86.93	10.13	602.47	602.47
Back of East Abut.	103+88.27	10.13	602.45	602.45

BEAM #9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+71.15	16.88	601.93	601.93
CL Brg. W. Abut.	101+72.48	16.88	601.95	601.95
A	101+82.48	16.88	602.09	602.12
B	101+92.48	16.88	602.23	602.28
C	102+02.48	16.88	602.35	602.41
D	102+12.48	16.88	602.46	602.51
E	102+22.48	16.88	602.55	602.59
F	102+32.48	16.88	602.63	602.65
CL W. Brg. Pier 1	102+37.73	16.88	602.67	602.67
CL E. Brg. Pier 1	102+39.23	16.88	602.68	602.68
G	102+49.23	16.88	602.75	602.80
H	102+59.23	16.88	602.79	602.89
I	102+69.23	16.88	602.83	602.95
J	102+79.23	16.88	602.86	602.99
K	102+89.23	16.88	602.87	602.99
L	102+99.23	16.88	602.87	602.96
M	103+09.23	16.88	602.86	602.90
CL W. Brg. Pier 2	103+17.73	16.88	602.84	602.84
CL E. Brg. Pier 2	103+19.23	16.88	602.83	602.83
N	103+29.23	16.88	602.79	602.82
O	103+39.23	16.88	602.74	602.79
P	103+49.23	16.88	602.68	602.74
Q	103+59.23	16.88	602.61	602.66
R	103+69.23	16.88	602.52	602.56
S	103+79.23	16.88	602.42	602.43
CL Brg. E. Abut.	103+84.48	16.88	602.36	602.36
Back of East Abut.	103+85.81	16.88	602.34	602.34

DESIGNED	SRT
CHECKED	JJI
DRAWN	JSS
CHECKED	JJI

 **Bollinger, Lach & Associates, Inc.**

PI-E 11-1-06

TOP OF SLAB ELEVATIONS

EMERSON STREET OVER
NORTH SHORE CHANNEL
(PUBLIC BODY OF WATER)
F.A.U. ROUTE 1312 SECTION 0707-B
COOK COUNTY STA. 102+84.62
STRUCTURE NUMBER 016-2858