

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 32 SHEETS
FAU 1312	0707-B	Cook	80	42	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		

Contract # 60B98

BEAM #10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+68.69	23.63	601.76	601.76
CL Brg. W. Abut.	101+70.02	23.63	601.78	601.78
A	101+80.02	23.63	601.92	601.95
B	101+90.02	23.63	602.06	602.11
C	102+00.02	23.63	602.18	602.24
D	102+10.02	23.63	602.30	602.35
E	102+20.02	23.63	602.39	602.43
F	102+30.02	23.63	602.48	602.50
CL W. Brg. Pier 1	102+35.27	23.63	602.52	602.52
CL E. Brg. Pier 1	102+36.77	23.63	602.53	602.53
G	102+46.77	23.63	602.60	602.65
H	102+56.77	23.63	602.65	602.74
I	102+66.77	23.63	602.69	602.81
J	102+76.77	23.63	602.72	602.85
K	102+86.77	23.63	602.73	602.85
L	102+96.77	23.63	602.73	602.82
M	103+06.77	23.63	602.73	602.77
CL W. Brg. Pier 2	103+15.27	23.63	602.71	602.71
CL E. Brg. Pier 2	103+16.77	23.63	602.70	602.70
N	103+26.77	23.63	602.67	602.70
O	103+36.77	23.63	602.62	602.67
P	103+46.77	23.63	602.56	602.62
Q	103+56.77	23.63	602.49	602.55
R	103+66.77	23.63	602.41	602.45
S	103+76.77	23.63	602.31	602.32
CL Brg. E. Abut.	103+82.02	23.63	602.25	602.25
Back of East Abut.	103+83.35	23.63	602.24	602.24

BEAM #11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+66.23	30.38	601.58	601.58
CL Brg. W. Abut.	101+67.56	30.38	601.60	601.60
A	101+77.56	30.38	601.75	601.78
B	101+87.56	30.38	601.89	601.94
C	101+97.56	30.38	602.02	602.08
D	102+07.56	30.38	602.13	602.19
E	102+17.56	30.38	602.24	602.28
F	102+27.56	30.38	602.32	602.34
CL W. Brg. Pier 1	102+32.81	30.38	602.37	602.37
CL E. Brg. Pier 1	102+34.31	30.38	602.38	602.38
G	102+44.31	30.38	602.45	602.50
H	102+54.31	30.38	602.50	602.60
I	102+64.31	30.38	602.55	602.67
J	102+74.31	30.38	602.58	602.71
K	102+84.31	30.38	602.59	602.71
L	102+94.31	30.38	602.60	602.69
M	103+04.31	30.38	602.59	602.64
CL W. Brg. Pier 2	103+12.81	30.38	602.58	602.58
CL E. Brg. Pier 2	103+14.31	30.38	602.57	602.57
N	103+24.31	30.38	602.54	602.57
O	103+34.31	30.38	602.50	602.55
P	103+44.31	30.38	602.44	602.50
Q	103+54.31	30.38	602.37	602.43
R	103+64.31	30.38	602.29	602.33
S	103+74.31	30.38	602.20	602.21
CL Brg. E. Abut.	103+79.56	30.38	602.14	602.14
Back of East Abut.	103+80.89	30.38	602.13	602.13

BEAM #12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+63.78	37.13	601.41	601.41
CL Brg. W. Abut.	101+65.11	37.13	601.43	601.43
A	101+75.11	37.13	601.58	601.61
B	101+85.11	37.13	601.73	601.78
C	101+95.11	37.13	601.85	601.92
D	102+05.11	37.13	601.97	602.03
E	102+15.11	37.13	602.08	602.12
F	102+25.11	37.13	602.17	602.19
CL W. Brg. Pier 1	102+30.36	37.13	602.21	602.21
CL E. Brg. Pier 1	102+31.86	37.13	602.22	602.22
G	102+41.86	37.13	602.30	602.35
H	102+51.86	37.13	602.35	602.46
I	102+61.86	37.13	602.40	602.53
J	102+71.86	37.13	602.43	602.58
K	102+81.86	37.13	602.46	602.59
L	102+91.86	37.13	602.46	602.56
M	103+01.86	37.13	602.46	602.51
CL W. Brg. Pier 2	103+10.36	37.13	602.45	602.45
CL E. Brg. Pier 2	103+11.86	37.13	602.45	602.45
N	103+21.86	37.13	602.42	602.45
O	103+31.86	37.13	602.38	602.43
P	103+41.86	37.13	602.32	602.39
Q	103+51.86	37.13	602.26	602.32
R	103+61.86	37.13	602.18	602.22
S	103+71.86	37.13	602.09	602.10
CL Brg. E. Abut.	103+77.11	37.13	602.03	602.03
Back of East Abut.	103+78.44	37.13	602.02	602.02

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