

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1312	0707-B	Cook	80	40
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

Contract # 60B98

SHEET NO. 6
32 SHEETS

BEAM #5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+80.98	-10.13	602.21	602.21
CL Brg. W. Abut.	101+82.31	-10.13	602.23	602.23
A	101+92.31	-10.13	602.36	602.39
B	102+02.31	-10.13	602.48	602.53
C	102+12.31	-10.13	602.59	602.65
D	102+22.31	-10.13	602.68	602.74
E	102+32.31	-10.13	602.77	602.81
F	102+42.31	-10.13	602.84	602.85
CL W. Brg. Pier 1	102+47.56	-10.13	602.87	602.87
CL E. Brg. Pier 1	102+49.06	-10.13	602.88	602.88
G	102+59.06	-10.13	602.93	602.98
H	102+69.06	-10.13	602.97	603.06
I	102+79.06	-10.13	602.99	603.11
J	102+89.06	-10.13	603.00	603.14
K	102+99.06	-10.13	603.00	603.12
L	103+09.06	-10.13	602.99	603.08
M	103+19.06	-10.13	602.97	603.01
CL W. Brg. Pier 2	103+27.56	-10.13	602.94	602.94
CL E. Brg. Pier 2	103+29.06	-10.13	602.93	602.93
N	103+39.06	-10.13	602.88	602.91
O	103+49.06	-10.13	602.82	602.87
P	103+59.06	-10.13	602.74	602.80
Q	103+69.06	-10.13	602.65	602.71
R	103+79.06	-10.13	602.55	602.60
S	103+89.06	-10.13	602.44	602.46
CL Brg. E. Abut.	103+94.31	-10.13	602.38	602.38
Back of East Abut.	103+95.64	-10.13	602.36	602.36

BEAM #6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+78.52	-3.38	602.31	602.31
CL Brg. W. Abut.	101+79.85	-3.38	602.33	602.33
A	101+89.85	-3.38	602.46	602.49
B	101+99.85	-3.38	602.59	602.64
C	102+09.85	-3.38	602.70	602.76
D	102+19.85	-3.38	602.80	602.85
E	102+29.85	-3.38	602.88	602.92
F	102+39.85	-3.38	602.96	602.97
CL W. Brg. Pier 1	102+45.10	-3.38	602.99	602.99
CL E. Brg. Pier 1	102+46.60	-3.38	603.00	603.00
G	102+56.60	-3.38	603.05	603.11
H	102+66.60	-3.38	603.09	603.19
I	102+76.60	-3.38	603.12	603.24
J	102+86.60	-3.38	603.14	603.27
K	102+96.60	-3.38	603.14	603.26
L	103+06.60	-3.38	603.13	603.22
M	103+16.60	-3.38	603.11	603.15
CL W. Brg. Pier 2	103+25.10	-3.38	603.08	603.08
CL E. Brg. Pier 2	103+26.60	-3.38	603.07	603.07
N	103+36.60	-3.38	603.03	603.06
O	103+46.60	-3.38	602.97	603.02
P	103+56.60	-3.38	602.90	602.96
Q	103+66.60	-3.38	602.81	602.87
R	103+76.60	-3.38	602.72	602.76
S	103+86.60	-3.38	602.61	602.62
CL Brg. E. Abut.	103+91.85	-3.38	602.54	602.54
Back of East Abut.	103+93.18	-3.38	602.53	602.53

⊘ Roadway & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of West Abut.	101+77.29	0.00	602.36	602.36
CL Brg. W. Abut.	101+78.62	0.00	602.38	602.38
A	101+88.62	0.00	602.51	602.54
B	101+98.62	0.00	602.64	602.69
C	102+08.62	0.00	602.75	602.81
D	102+18.62	0.00	602.85	602.91
E	102+28.62	0.00	602.94	602.98
F	102+38.62	0.00	603.02	603.03
CL W. Brg. Pier 1	102+43.87	0.00	603.05	603.05
CL E. Brg. Pier 1	102+45.37	0.00	603.06	603.06
G	102+55.37	0.00	603.11	603.17
H	102+65.37	0.00	603.16	603.25
I	102+75.37	0.00	603.19	603.31
J	102+85.37	0.00	603.20	603.33
K	102+95.37	0.00	603.21	603.33
L	103+05.37	0.00	603.20	603.29
M	103+15.37	0.00	603.18	603.22
CL W. Brg. Pier 2	103+23.87	0.00	603.15	603.15
CL E. Brg. Pier 2	103+25.37	0.00	603.15	603.15
N	103+35.37	0.00	603.10	603.13
O	103+45.37	0.00	603.04	603.09
P	103+55.37	0.00	602.97	603.03
Q	103+65.37	0.00	602.89	602.95
R	103+75.37	0.00	602.80	602.84
S	103+85.37	0.00	602.69	602.70
CL Brg. E. Abut.	103+90.62	0.00	602.63	602.63
Back of East Abut.	103+91.95	0.00	602.61	602.61

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