

GIRDER 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+28.88	-1.50	618.71	618.71
⊕ Brg. W. Abut.	13+31.44	-1.50	618.73	618.73
A	13+41.44	-1.50	618.77	618.80
B	13+51.44	-1.50	618.79	618.85
C	13+61.44	-1.50	618.81	618.87
D	13+71.44	-1.50	618.81	618.87
E	13+81.44	-1.50	618.79	618.85
F	13+91.44	-1.50	618.77	618.80
G	14+01.44	-1.50	618.72	618.74
H	14+11.44	-1.50	618.67	618.67
⊕ Brg. Pier	14+17.90	-1.50	618.63	618.63
J	14+27.90	-1.50	618.55	618.56
K	14+37.90	-1.50	618.46	618.49
L	14+47.90	-1.50	618.36	618.40
M	14+57.90	-1.50	618.24	618.30
N	14+67.90	-1.50	618.11	618.18
P	14+77.90	-1.50	617.97	618.03
R	14+87.90	-1.50	617.81	617.86
S	14+97.90	-1.50	617.64	617.66
⊕ Brg. E. Abut.	15+04.36	-1.50	617.52	617.52
Bk. E. Abut.	15+06.92	-1.50	617.47	617.47

GIRDER 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+30.76	-7.83	618.62	618.62
⊕ Brg. W. Abut.	13+33.32	-7.83	618.64	618.64
A	13+43.32	-7.83	618.67	618.71
B	13+53.32	-7.83	618.70	618.76
C	13+63.32	-7.83	618.71	618.79
D	13+73.32	-7.83	618.71	618.79
E	13+83.32	-7.83	618.69	618.76
F	13+93.32	-7.83	618.66	618.71
G	14+03.32	-7.83	618.62	618.64
H	14+13.32	-7.83	618.56	618.56
⊕ Brg. Pier	14+19.78	-7.83	618.52	618.52
J	14+29.78	-7.83	618.44	618.45
K	14+39.78	-7.83	618.34	618.38
L	14+49.78	-7.83	618.24	618.30
M	14+59.78	-7.83	618.12	618.19
N	14+69.78	-7.83	617.98	618.07
P	14+79.78	-7.83	617.84	617.92
R	14+89.78	-7.83	617.68	617.74
S	14+99.78	-7.83	617.50	617.53
⊕ Brg. E. Abut.	15+06.24	-7.83	617.39	617.39
Bk. E. Abut.	15+08.80	-7.83	617.34	617.34

GIRDER 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+32.64	-14.17	618.52	618.52
⊕ Brg. W. Abut.	13+35.20	-14.17	618.53	618.53
A	13+45.20	-14.17	618.57	618.61
B	13+55.20	-14.17	618.59	618.66
C	13+65.20	-14.17	618.60	618.68
D	13+75.20	-14.17	618.59	618.68
E	13+85.20	-14.17	618.57	618.65
F	13+95.20	-14.17	618.54	618.59
G	14+05.20	-14.17	618.50	618.52
H	14+15.20	-14.17	618.44	618.44
⊕ Brg. Pier	14+21.66	-14.17	618.39	618.39
J	14+31.66	-14.17	618.31	618.32
K	14+41.66	-14.17	618.21	618.25
L	14+51.66	-14.17	618.11	618.16
M	14+61.66	-14.17	617.98	618.06
N	14+71.66	-14.17	617.85	617.93
P	14+81.66	-14.17	617.70	617.78
R	14+91.66	-14.17	617.54	617.59
S	15+01.66	-14.17	617.36	617.38
⊕ Brg. E. Abut.	15+08.12	-14.17	617.24	617.24
Bk. E. Abut.	15+10.68	-14.17	617.19	617.19

GIRDER 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+34.51	-20.50	618.40	618.40
⊕ Brg. W. Abut.	13+37.07	-20.50	618.41	618.41
A	13+47.07	-20.50	618.44	618.48
B	13+57.07	-20.50	618.46	618.53
C	13+67.07	-20.50	618.47	618.55
D	13+77.07	-20.50	618.46	618.54
E	13+87.07	-20.50	618.44	618.51
F	13+97.07	-20.50	618.40	618.45
G	14+07.07	-20.50	618.35	618.38
H	14+17.07	-20.50	618.29	618.30
⊕ Brg. Pier	14+23.53	-20.50	618.25	618.25
J	14+33.53	-20.50	618.16	618.17
K	14+43.53	-20.50	618.06	618.09
L	14+53.53	-20.50	617.95	618.01
M	14+63.53	-20.50	617.83	617.90
N	14+73.53	-20.50	617.69	617.77
P	14+83.53	-20.50	617.54	617.62
R	14+93.53	-20.50	617.37	617.43
S	15+03.53	-20.50	617.19	617.22
⊕ Brg. E. Abut.	15+09.99	-20.50	617.07	617.07
Bk. E. Abut.	15+12.55	-20.50	617.02	617.02

GIRDER 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+36.39	-26.83	618.27	618.27
⊕ Brg. W. Abut.	13+38.95	-26.83	618.28	618.28
A	13+48.95	-26.83	618.31	618.35
B	13+58.95	-26.83	618.33	618.40
C	13+68.95	-26.83	618.33	618.42
D	13+78.95	-26.83	618.32	618.41
E	13+88.95	-26.83	618.30	618.37
F	13+98.95	-26.83	618.26	618.31
G	14+08.95	-26.83	618.21	618.23
H	14+18.95	-26.83	618.15	618.15
⊕ Brg. Pier	14+25.41	-26.83	618.10	618.10
J	14+35.41	-26.83	618.01	618.02
K	14+45.41	-26.83	617.91	617.94
L	14+55.41	-26.83	617.80	617.86
M	14+65.41	-26.83	617.67	617.75
N	14+75.41	-26.83	617.53	617.61
P	14+85.41	-26.83	617.38	617.45
R	14+95.41	-26.83	617.21	617.27
S	15+05.41	-26.83	617.03	617.05
⊕ Brg. E. Abut.	15+11.87	-26.83	616.90	616.90
Bk. E. Abut.	15+14.43	-26.83	616.85	616.85

GIRDER 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+38.26	-33.17	618.15	618.15
⊕ Brg. W. Abut.	13+40.82	-33.17	618.16	618.16
A	13+50.82	-33.17	618.19	618.22
B	13+60.82	-33.17	618.20	618.27
C	13+70.82	-33.17	618.20	618.28
D	13+80.82	-33.17	618.19	618.27
E	13+90.82	-33.17	618.16	618.23
F	14+00.82	-33.17	618.12	618.17
G	14+10.82	-33.17	618.07	618.09
H	14+20.82	-33.17	618.00	618.01
⊕ Brg. Pier	14+27.28	-33.17	617.95	617.95
J	14+37.28	-33.17	617.86	617.87
K	14+47.28	-33.17	617.76	617.79
L	14+57.28	-33.17	617.64	617.70
M	14+67.28	-33.17	617.51	617.59
N	14+77.28	-33.17	617.37	617.46
P	14+87.28	-33.17	617.21	617.29
R	14+97.28	-33.17	617.04	617.10
S	15+07.28	-33.17	616.86	616.88
⊕ Brg. E. Abut.	15+13.74	-33.17	616.73	616.73
Bk. E. Abut.	15+16.30	-33.17	616.68	616.68

NORTH LONGITUDINAL JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+38.93	-35.42	618.11	618.11
⊕ Brg. W. Abut.	13+41.49	-35.42	618.11	618.11
A	13+51.49	-35.42	618.14	618.18
B	13+61.49	-35.42	618.15	618.22
C	13+71.49	-35.42	618.15	618.24
D	13+81.49	-35.42	618.14	618.23
E	13+91.49	-35.42	618.11	618.19
F	14+01.49	-35.42	618.07	618.12
G	14+11.49	-35.42	618.02	618.04
H	14+21.49	-35.42	617.95	617.95
⊕ Brg. Pier	14+27.95	-35.42	617.90	617.90
J	14+37.95	-35.42	617.81	617.82
K	14+47.95	-35.42	617.71	617.74
L	14+57.95	-35.42	617.59	617.65
M	14+67.95	-35.42	617.46	617.54
N	14+77.95	-35.42	617.31	617.40
P	14+87.95	-35.42	617.16	617.24
R	14+97.95	-35.42	616.98	617.04
S	15+07.95	-35.42	616.80	616.83
⊕ Brg. E. Abut.	15+14.41	-35.42	616.67	616.67
Bk. E. Abut.	15+16.97	-35.42	616.62	616.62

GIRDER 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+40.14	-39.50	618.03	618.03
⊕ Brg. W. Abut.	13+42.70	-39.50	618.03	618.03
A	13+52.70	-39.50	618.06	618.10
B	13+62.70	-39.50	618.07	618.14
C	13+72.70	-39.50	618.07	618.16
D	13+82.70	-39.50	618.05	618.15
E	13+92.70	-39.50	618.02	618.10
F	14+02.70	-39.50	617.98	618.04
G	14+12.70	-39.50	617.93	617.95
H	14+22.70	-39.50	617.86	617.86
⊕ Brg. Pier	14+29.16	-39.50	617.80	617.80
J	14+39.16	-39.50	617.71	617.72
K	14+49.16	-39.50	617.61	617.64
L	14+59.16	-39.50	617.49	617.55
M	14+69.16	-39.50	617.36	617.44
N	14+79.16	-39.50	617.21	617.31
P	14+89.16	-39.50	617.05	617.14
R	14+99.16	-39.50	616.88	616.94
S	15+09.16	-39.50	616.69	616.72
⊕ Brg. E. Abut.	15+15.62	-39.50	616.56	616.56
Bk. E. Abut.	15+18.18	-39.50	616.51	616.51

Note 2

- Notes:**
1. Work this sheet with Sheet S-003.
 2. Contractor shall set the bottom form to provide a minimum fillet height of 1/2" above the top of beam.

SHT. S-005	
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 57 (INTERSTATE 57)
 112TH PLACE BRIDGE DECK REPLACEMENT
 112th PLACE OVER I-57
 SN 016-0988 STA. 546+15.56
 COOK COUNTY

TOP OF DECK ELEVATIONS II

DATE: 01/16/09

DRAWN BY: CCE
 CHECKED BY: JLR

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 205 N. MICHIGAN AVE., CHICAGO, IL 60601
 TELEPHONE: 312.616.0000

I:\BRIDGE\DCN\1\MECON\DCN\1\MECON\STRUCT\DCN\DCN\DCN\TABLE.TBL
 PITCHILL
 color: table; K:\STANDARD\TENG\DATA\FACOLOR\TABLE.TBL
 P:\2009_10\0626
 P:\2009_10\0626
 P:\2009_10\0626