

Print modified for clarity.
2/22/13

TWP. RITE. NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
61		DEKALB	18	6
ILLINOIS PROJECT BRGS-0037(051)				
* 08-18121-00-BR				
CONTRACT NO. 87467				

SCALE: 1"=40'

BEAM # 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	16+25.73	12.17	808.470	808.470
CL. BRG. W. ABUT.	16+27.98	12.17	808.470	808.470
A	16+37.98	12.17	808.470	808.491
B	16+47.98	12.17	808.470	808.503
C	16+57.98	12.17	808.470	808.502
D	16+67.98	12.17	808.470	808.491
E	16+77.98	12.17	808.470	808.476
CL. BRG. W. PIER	16+84.73	12.17	808.470	808.470
F	16+94.73	12.17	808.470	808.470
G	17+04.73	12.17	808.470	808.489
H	17+14.73	12.17	808.470	808.496
J	17+24.73	12.17	808.470	808.494
K	17+34.73	12.17	808.470	808.485
L	17+44.73	12.17	808.470	808.473
CL. BRG. E. PIER	17+51.23	12.17	808.470	808.470
M	17+61.23	12.17	808.470	808.481
N	17+71.23	12.17	808.470	808.496
O	17+81.23	12.17	808.470	808.504
P	17+91.23	12.17	808.470	808.500
CL. BRG. E. ABUT.	18+07.98	12.17	808.470	808.470
BK. E. ABUT.	18+10.23	12.17	808.470	808.470

BEAM # 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	16+29.24	6.08	808.565	808.565
CL. BRG. W. ABUT.	16+31.49	6.08	808.565	808.565
A	16+41.49	6.08	808.565	808.586
B	16+51.49	6.08	808.565	808.598
C	16+61.49	6.08	808.565	808.597
D	16+71.49	6.08	808.565	808.589
E	16+81.49	6.08	808.565	808.571
CL. BRG. W. PIER	16+88.24	6.08	808.565	808.565
F	16+98.24	6.08	808.565	808.565
G	17+08.24	6.08	808.565	808.584
H	17+18.24	6.08	808.565	808.591
I	17+28.24	6.08	808.565	808.589
J	17+38.24	6.08	808.565	808.580
K	17+48.24	6.08	808.565	808.568
CL. BRG. E. PIER	17+54.74	6.08	808.565	808.565
L	17+64.74	6.08	808.565	808.576
M	17+74.74	6.08	808.565	808.591
N	17+84.74	6.08	808.565	808.599
O	17+94.74	6.08	808.565	808.595
P	18+04.74	6.08	808.565	808.579
CL. BRG. E. ABUT.	18+11.49	6.08	808.565	808.565
BK. E. ABUT.	18+13.74	6.08	808.565	808.565

BEAM # 3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	16+32.75	0.00	808.660	808.660
CL. BRG. W. ABUT.	16+35.00	0.00	808.660	808.660
A	16+45.00	0.00	808.660	808.681
B	16+55.00	0.00	808.660	808.693
C	16+65.00	0.00	808.660	808.692
D	16+75.00	0.00	808.660	808.681
E	16+85.00	0.00	808.660	808.666
CL. BRG. W. PIER	16+91.75	0.00	808.660	808.660
F	17+01.75	0.00	808.660	808.660
G	17+11.75	0.00	808.660	808.679
H	17+21.75	0.00	808.660	808.686
I	17+31.75	0.00	808.660	808.684
J	17+41.75	0.00	808.660	808.675
K	17+51.75	0.00	808.660	808.663
CL. BRG. E. PIER	17+58.25	0.00	808.660	808.660
L	17+68.25	0.00	808.660	808.671
M	17+78.25	0.00	808.660	808.686
N	17+88.25	0.00	808.660	808.694
O	17+98.25	0.00	808.660	808.690
P	18+08.25	0.00	808.660	808.674
CL. BRG. E. ABUT.	18+15.00	0.00	808.660	808.660
BK. E. ABUT.	18+17.25	0.00	808.660	808.660

BEAM # 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	16+38.26	6.08	808.565	808.565
CL. BRG. W. ABUT.	16+38.51	6.08	808.565	808.565
A	16+48.51	6.08	808.565	808.586
B	16+58.51	6.08	808.565	808.598
C	16+68.51	6.08	808.565	808.597
D	16+78.51	6.08	808.565	808.589
E	16+88.51	6.08	808.565	808.571
CL. BRG. W. PIER	16+95.26	6.08	808.565	808.565
F	17+05.26	6.08	808.565	808.565
G	17+15.26	6.08	808.565	808.584
H	17+25.26	6.08	808.565	808.591
I	17+35.26	6.08	808.565	808.589
J	17+45.26	6.08	808.565	808.580
K	17+55.26	6.08	808.565	808.568
CL. BRG. E. PIER	17+61.76	6.08	808.565	808.565
L	17+71.76	6.08	808.565	808.576
M	17+81.76	6.08	808.565	808.591
N	17+91.76	6.08	808.565	808.599
O	18+01.76	6.08	808.565	808.595
P	18+11.76	6.08	808.565	808.579
CL. BRG. E. ABUT.	18+18.51	6.08	808.565	808.565
BK. E. ABUT.	18+20.76	6.08	808.565	808.565

BEAM # 5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ADJUSTED FOR DEAD LOAD DEFLECTION
BK. W. ABUT.	16+39.77	12.17	808.470	808.470
CL. BRG. W. ABUT.	16+42.02	12.17	808.470	808.470
A	16+52.02	12.17	808.470	808.491
B	16+62.02	12.17	808.470	808.503
C	16+72.02	12.17	808.470	808.502
D	16+82.02	12.17	808.470	808.491
E	16+92.02	12.17	808.470	808.476
CL. BRG. W. PIER	16+98.77	12.17	808.470	808.470
F	17+08.77	12.17	808.470	808.470
G	17+18.77	12.17	808.470	808.489
H	17+28.77	12.17	808.470	808.496
I	17+38.77	12.17	808.470	808.494
J	17+48.77	12.17	808.470	808.485
K	17+58.77	12.17	808.470	808.473
CL. BRG. E. PIER	17+65.27	12.17	808.470	808.470
L	17+75.27	12.17	808.470	808.481
M	17+85.27	12.17	808.470	808.496
N	17+95.27	12.17	808.470	808.504
O	18+05.27	12.17	808.470	808.500
P	18+15.27	12.17	808.470	808.484
CL. BRG. E. ABUT.	18+22.02	12.17	808.470	808.470
BK. E. ABUT.	18+24.27	12.17	808.470	808.470

NO.	DATE	REVISIONS

DESIGNED BY	CHKD BY	DATE

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 GROUND-BREAKING SOLUTIONS
 engineers, surveyors, scientists
 www.wendler.com
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 Illinois Professional Design Firm No. 184-000848

DECK ELEVATION LAYOUT
 OF
 BASE LINE ROAD BRIDGE PROJECT
 FOR
 DEKALB COUNTY HIGHWAY

SHEET TITLE
 DECK ELEVATIONS

JOB NUMBER
 2080382

DATE
 12/14/2012

SHEET NO.
 6 of 18

DECK ELEVATIONS
 SECTION 08-18121-00-BR
 DEKALB COUNTY
 S.N. 019-4500