F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1920.1B-R	COOK	101	070
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62533

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+16.74	39.50	617.91	617.91
℄ Brg. W. Abut.	13+19.30	39.50	617.92	617.92
A	13+29.30	39.50	617.98	618.02
B	13+39.30	39.50	618.02	618.10
C	13+49.30	39.50	618.05	618.14
D	13+59.30	39.50	618.07	618.16
E	13+69.30	39.50	618.07	618.15
F	13+79.30	39.50	618.06	618.11
G	13+89.30	39.50	618.04	618.06
H	13+99.30	39.50	618.00	618.00
℄ Brg. Pier	14+05.76	39.50	617.97	617.97
J	14+15.76	39.50	617.91	617.92
K	14+25.76	39.50	617.83	617.87
L	14+35.76	39.50	617.74	617.81
M	14+45.76	39.50	617.64	617.73
N	14+55.76	39.50	617.53	617.62
P	14+65.76	39.50	617.40	617.49
R	14+75.76	39.50	617.26	617.32
S	14+85.76	39.50	617.11	617.13
℄ Brg. E. Abut.	14+92.22	39.50	617.00	617.00
Bk. E. Abut.	14+94.78	39.50	616.96	616.96

SOUTH LONGITUDINAL JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+17.95	35.42	618.00	618.00
℄ Brg. W. Abut.	13+20.51	35.42	618.02	618.02
A	13+30.51	35.42	618.07	618.11
B	13+40.51	35.42	618.11	618.18
C	13+50.51	35.42	618.14	618.22
D	13+60.51	35.42	618.15	618.24
E	13+70.51	35.42	618.15	618.23
F	13+80.51	35.42	618.14	618.19
G	13+90.51	35.42	618.12	618.14
H	14+00.51	35.42	618.08	618.08
℄ Brg. Pier	14+06.97	35.42	618.04	618.04
J	14+16.97	35.42	617.98	617.99
K	14+26.97	35.42	617.91	617.94
L	14+36.97	35.42	617.82	617.88
M	14+46.97	35.42	617.72	617.79
N	14+56.97	35.42	617.60	617.69
P	14+66.97	35.42	617.47	617.55
R	14+76.97	35.42	617.33	617.39
S	14+86.97	35.42	617.17	617.20
℄ Brg. E. Abut.	14+93.43	35.42	617.06	617.06
Bk. E. Abut.	14+95.99	35.42	617.02	617.02

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+18.62	33.17	618.05	618.05
℄ Brg. W. Abut.	13+21.18	33.17	618.07	618.07
A	13+31.18	33.17	618.12	618.16
B	13+41.18	33.17	618.16	618.23
C	13+51.18	33.17	618.19	618.27
D	13+61.18	33.17	618.20	618.28
E	13+71.18	33.17	618.20	618.27
F	13+81.18	33.17	618.19	618.24
G	13+91.18	33.17	618.16	618.18
H	14+01.18	33.17	618.12	618.12
℄ Brg. Pier	14+07.64	33.17	618.09	618.09
J	14+17.64	33.17	618.02	618.03
K	14+27.64	33.17	617.95	617.98
L	14+37.64	33.17	617.86	617.92
M	14+47.64	33.17	617.76	617.83
N	14+57.64	33.17	617.64	617.72
P	14+67.64	33.17	617.51	617.59
R	14+77.64	33.17	617.36	617.42
S	14+87.64	33.17	617.21	617.23
℄ Brg. E. Abut.	14+94.10	33.17	617.10	617.10
Bk. E. Abut.	14+96.66	33.17	617.05	617.05

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+20.49	26.83	618.19	618.19
℄ Brg. W. Abut.	13+23.05	26.83	618.21	618.21
A	13+33.05	26.83	618.26	618.30
B	13+43.05	26.83	618.30	618.36
C	13+53.05	26.83	618.32	618.40
D	13+63.05	26.83	618.33	618.42
E	13+73.05	26.83	618.33	618.40
F	13+83.05	26.83	618.32	618.36
G	13+93.05	26.83	618.29	618.31
H	14+03.05	26.83	618.24	618.25
℄ Brg. Pier	14+09.51	26.83	618.21	618.21
J	14+19.51	26.83	618.14	618.15
K	14+29.51	26.83	618.06	618.10
L	14+39.51	26.83	617.97	618.03
M	14+49.51	26.83	617.87	617.94
N	14+59.51	26.83	617.75	617.83
P	14+69.51	26.83	617.61	617.69
R	14+79.51	26.83	617.47	617.52
S	14+89.51	26.83	617.31	617.33
℄ Brg. E. Abut.	14+95.97	26.83	617.20	617.20
Bk. E. Abut.	14+98.53	26.83	617.15	617.15

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+22.37	20.50	618.34	618.34
℄ Brg. W. Abut.	13+24.93	20.50	618.35	618.35
A	13+34.93	20.50	618.40	618.44
B	13+44.93	20.50	618.44	618.50
C	13+54.93	20.50	618.46	618.54
D	13+64.93	20.50	618.47	618.55
E	13+74.93	20.50	618.46	618.53
F	13+84.93	20.50	618.44	618.49
G	13+94.93	20.50	618.41	618.43
H	14+04.93	20.50	618.37	618.37
℄ Brg. Pier	14+11.39	20.50	618.33	618.33
J	14+21.39	20.50	618.26	618.27
K	14+31.39	20.50	618.18	618.21
L	14+41.39	20.50	618.09	618.14
M	14+51.39	20.50	617.98	618.05
N	14+61.39	20.50	617.86	617.94
P	14+71.39	20.50	617.72	617.80
R	14+81.39	20.50	617.57	617.63
S	14+91.39	20.50	617.41	617.43
℄ Brg. E. Abut.	14+97.85	20.50	617.30	617.30
Bk. E. Abut.	15+00.41	20.50	617.25	617.25

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+24.24	14.17	618.48	618.48
℄ Brg. W. Abut.	13+26.80	14.17	618.49	618.49
A	13+36.80	14.17	618.54	618.58
B	13+46.80	14.17	618.57	618.64
C	13+56.80	14.17	618.59	618.67
D	13+66.80	14.17	618.60	618.68
E	13+76.80	14.17	618.59	618.66
F	13+86.80	14.17	618.57	618.62
G	13+96.80	14.17	618.54	618.56
H	14+06.80	14.17	618.49	618.49
℄ Brg. Pier	14+13.26	14.17	618.45	618.45
J	14+23.26	14.17	618.38	618.39
K	14+33.26	14.17	618.30	618.33
L	14+43.26	14.17	618.20	618.25
M	14+53.26	14.17	618.09	618.16
N	14+63.26	14.17	617.96	618.05
P	14+73.26	14.17	617.83	617.90
R	14+83.26	14.17	617.67	617.73
S	14+93.26	14.17	617.51	617.53
℄ Brg. E. Abut.	14+99.72	14.17	617.40	617.40
Bk. E. Abut.	15+02.28	14.17	617.35	617.35

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+26.12	7.83	618.60	618.60
℄ Brg. W. Abut.	13+28.68	7.83	618.61	618.61
A	13+38.68	7.83	618.66	618.69
B	13+48.68	7.83	618.69	618.75
C	13+58.68	7.83	618.71	618.79
D	13+68.68	7.83	618.71	618.79
E	13+78.68	7.83	618.70	618.77
F	13+88.68	7.83	618.67	618.72
G	13+98.68	7.83	618.64	618.66
H	14+08.68	7.83	618.59	618.59
℄ Brg. Pier	14+15.14	7.83	618.55	618.55
J	14+25.14	7.83	618.47	618.48
K	14+35.14	7.83	618.39	618.42
L	14+45.14	7.83	618.29	618.35
M	14+55.14	7.83	618.18	618.25
N	14+65.14	7.83	618.05	618.13
P	14+75.14	7.83	617.91	617.99
R	14+85.14	7.83	617.75	617.81
S	14+95.14	7.83	617.59	617.61
℄ Brg. E. Abut.	15+01.60	7.83	617.47	617.47
Bk. E. Abut.	15+04.16	7.83	617.42	617.42

GIRDER 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+28.00	1.50	618.71	618.71
℄ Brg. W. Abut.	13+30.56	1.50	618.72	618.72
A	13+40.56	1.50	618.76	618.79
B	13+50.56	1.50	618.79	618.85
C	13+60.56	1.50	618.81	618.87
D	13+70.56	1.50	618.81	618.87
E	13+80.56	1.50	618.79	618.85
F	13+90.56	1.50	618.77	618.81
G	14+00.56	1.50	618.73	618.75
H	14+10.56	1.50	618.68	618.68
℄ Brg. Pier	14+17.02	1.50	618.63	618.63
J	14+27.02	1.50	618.56	618.57
K	14+37.02	1.50	618.47	618.50
L	14+47.02	1.50	618.37	618.41
M	14+57.02	1.50	618.25	618.31
N	14+67.02	1.50	618.12	618.19
P	14+77.02	1.50	617.98	618.04
R	14+87.02	1.50	617.82	617.87
S	14+97.02	1.50	617.65	617.67
℄ Brg. E. Abut.	15+03.48	1.50	617.54	617.54
Bk. E. Abut.	15+06.04	1.50	617.49	617.49

PROFILE GRADE LINE 112TH PL.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflections
Bk. W. Abut.	13+28.44	0.00	618.74	618.74
℄ Brg. W. Abut.	13+31.00	0.00	618.75	618.75
A	13+41.00	0.00	618.79	618.82
B	13+51.00	0.00	618.82	618.87
C	13+61.00	0.00	618.83	618.89
D	13+71.00	0.00	618.83	618.89
E	13+81.00	0.00	618.82	618.87
F	13+91.00	0.00	618.79	618.83
G	14+01.00	0.00	618.75	618.77
H	14+11.00	0.00	618.70	618.70
℄ Brg. Pier	14+17.46	0.00	618.65	618.65
J	14+27.46	0.00	618.58	618.59
K	14+37.46	0.00	618.49	618.51
L	14+47.46	0.00	618.39	618.43
M	14+57.46	0.00	618.27	618.33
N	14+67.46	0.00	618.14	618.21
P	14+77.46	0.00	618.00	618.06
R	14+87.46	0.00	617.84	617.88
S	14+97.46	0.00	617.67	617.69
℄ Brg. E. Abut.	15+03.92	0.00	617.55	617.55
Bk. E. Abut.	15+06.48	0.00	617.50	617.50

Note:
Work this sheet with Sheet S-003.

SHT. S-004

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 I

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

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pen tables: N/A
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