

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1414B	COOK	74	34
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60384

BEAM #4

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	9+20.36	9.83	646.81	646.81
☉ Brg. N. Abut.	9+17.69	9.83	646.83	646.83
A	9+07.69	9.83	646.90	646.90
B	8+97.69	9.83	646.97	646.97
C	8+87.69	9.83	647.04	647.04
☉ Pier #1	8+80.19	9.83	647.10	647.10
D	8+70.19	9.83	647.18	647.21
E	8+60.19	9.83	647.25	647.31
F	8+50.19	9.83	647.32	647.40
G	8+40.19	9.83	647.37	647.45
H	8+30.19	9.83	647.40	647.47
I	8+20.19	9.83	647.40	647.45
J	8+10.19	9.83	647.38	647.40
☉ Pier #2	8+02.69	9.83	647.34	647.34
K	7+92.69	9.83	647.27	647.31
L	7+82.69	9.83	647.18	647.25
M	7+72.69	9.83	647.06	647.16
N	7+62.69	9.83	646.92	647.03
O	7+52.69	9.83	646.75	646.85
P	7+42.69	9.83	646.56	646.64
Q	7+32.69	9.83	646.34	646.39
R	7+22.69	9.83	646.09	646.10
☉ Pier #3	7+19.44	9.83	646.01	646.01
S	7+09.44	9.83	645.73	645.73
T	6+99.44	9.83	645.44	645.44
U	6+89.44	9.83	645.16	645.16
☉ Brg. S. Abut.	6+86.19	9.83	645.09	645.09
Bk. S. Abut.	6+83.52	9.83	645.03	645.03

BEAM #5

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	9+20.22	3.28	646.91	646.91
☉ Brg. N. Abut.	9+17.55	3.28	646.93	646.93
A	9+07.55	3.28	647.00	647.00
B	8+97.55	3.28	647.07	647.07
C	8+87.55	3.28	647.14	647.14
☉ Pier #1	8+80.05	3.28	647.20	647.20
D	8+70.05	3.28	647.28	647.31
E	8+60.05	3.28	647.35	647.41
F	8+50.05	3.28	647.42	647.50
G	8+40.05	3.28	647.47	647.55
H	8+30.05	3.28	647.50	647.57
I	8+20.05	3.28	647.50	647.55
J	8+10.05	3.28	647.47	647.49
☉ Pier #2	8+02.55	3.28	647.44	647.44
K	7+92.55	3.28	647.37	647.41
L	7+82.55	3.28	647.28	647.35
M	7+72.55	3.28	647.16	647.26
N	7+62.55	3.28	647.01	647.12
O	7+52.55	3.28	646.84	646.94
P	7+42.55	3.28	646.65	646.73
Q	7+32.55	3.28	646.43	646.48
R	7+22.55	3.28	646.19	646.20
☉ Pier #3	7+19.30	3.28	646.10	646.10
S	7+09.30	3.28	645.83	645.83
T	6+99.30	3.28	645.53	645.53
U	6+89.30	3.28	645.26	645.26
☉ Brg. S. Abut.	6+86.05	3.28	645.18	645.18
Bk. S. Abut.	6+83.38	3.28	645.12	645.12

CENTERLINE ROADWAY, P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	9+20.15	0.00	646.96	646.96
☉ Brg. N. Abut.	9+17.48	0.00	646.98	646.98
A	9+07.48	0.00	647.05	647.05
B	8+97.48	0.00	647.12	647.12
C	8+87.48	0.00	647.19	647.19
☉ Pier #1	8+79.98	0.00	647.25	647.25
D	8+69.98	0.00	647.33	647.36
E	8+59.98	0.00	647.40	647.46
F	8+49.98	0.00	647.47	647.55
G	8+39.98	0.00	647.52	647.60
H	8+29.98	0.00	647.55	647.62
I	8+19.98	0.00	647.55	647.60
J	8+09.98	0.00	647.52	647.54
☉ Pier #2	8+02.48	0.00	647.49	647.49
K	7+92.48	0.00	647.42	647.46
L	7+82.48	0.00	647.32	647.39
M	7+72.48	0.00	647.21	647.31
N	7+62.48	0.00	647.06	647.17
O	7+52.48	0.00	646.89	646.99
P	7+42.48	0.00	646.70	646.78
Q	7+32.48	0.00	646.48	646.53
R	7+22.48	0.00	646.24	646.25
☉ Pier #3	7+19.23	0.00	646.15	646.15
S	7+09.23	0.00	645.87	645.87
T	6+99.23	0.00	645.58	645.58
U	6+89.23	0.00	645.31	645.31
☉ Brg. S. Abut.	6+85.98	0.00	645.23	645.23
Bk. S. Abut.	6+83.31	0.00	645.17	645.17

BEAM #6

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	9+20.08	-3.28	646.91	646.91
☉ Brg. N. Abut.	9+17.41	-3.28	646.93	646.93
A	9+07.41	-3.28	647.00	647.00
B	8+97.41	-3.28	647.07	647.07
C	8+87.41	-3.28	647.15	647.15
☉ Pier #1	8+79.91	-3.28	647.20	647.20
D	8+69.91	-3.28	647.28	647.31
E	8+59.91	-3.28	647.35	647.41
F	8+49.91	-3.28	647.42	647.50
G	8+39.91	-3.28	647.47	647.55
H	8+29.91	-3.28	647.50	647.57
I	8+19.91	-3.28	647.50	647.55
J	8+09.91	-3.28	647.47	647.49
☉ Pier #2	8+02.41	-3.28	647.44	647.44
K	7+92.41	-3.28	647.37	647.41
L	7+82.41	-3.28	647.27	647.34
M	7+72.41	-3.28	647.16	647.26
N	7+62.41	-3.28	647.01	647.12
O	7+52.41	-3.28	646.84	646.94
P	7+42.41	-3.28	646.65	646.73
Q	7+32.41	-3.28	646.43	646.48
R	7+22.41	-3.28	646.19	646.20
☉ Pier #3	7+19.16	-3.28	646.10	646.10
S	7+09.16	-3.28	645.82	645.82
T	6+99.16	-3.28	645.53	645.53
U	6+89.16	-3.28	645.25	645.25
☉ Brg. S. Abut.	6+85.91	-3.28	645.18	645.18
Bk. S. Abut.	6+83.24	-3.28	645.12	645.12

BEAM #7

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	9+19.94	-9.83	646.82	646.82
☉ Brg. N. Abut.	9+17.27	-9.83	646.83	646.83
A	9+07.27	-9.83	646.90	646.90
B	8+97.27	-9.83	646.97	646.97
C	8+87.27	-9.83	647.05	647.05
☉ Pier #1	8+79.77	-9.83	647.10	647.10
D	8+69.77	-9.83	647.18	647.21
E	8+59.77	-9.83	647.25	647.31
F	8+49.77	-9.83	647.33	647.41
G	8+39.77	-9.83	647.38	647.46
H	8+29.77	-9.83	647.40	647.47
I	8+19.77	-9.83	647.40	647.45
J	8+09.77	-9.83	647.37	647.39
☉ Pier #2	8+02.27	-9.83	647.34	647.34
K	7+92.27	-9.83	647.27	647.31
L	7+82.27	-9.83	647.17	647.24
M	7+72.27	-9.83	647.05	647.15
N	7+62.27	-9.83	646.91	647.02
O	7+52.27	-9.83	646.74	646.84
P	7+42.27	-9.83	646.55	646.63
Q	7+32.27	-9.83	646.33	646.38
R	7+22.27	-9.83	646.08	646.09
☉ Pier #3	7+19.02	-9.83	646.00	646.00
S	7+09.02	-9.83	645.72	645.72
T	6+99.02	-9.83	645.42	645.42
U	6+89.02	-9.83	645.15	645.15
☉ Brg. S. Abut.	6+85.77	-9.83	645.08	645.08
Bk. S. Abut.	6+83.10	-9.83	645.02	645.02

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TOP OF DECK SLAB ELEVATIONS II  
 FA ROUTE 173 (SAYRE AVENUE) OVER  
 INTERSTATE 90 (KENNEDY EXPRESSWAY)  
 COOK COUNTY STATION 8+02.48  
 SECTION NO. 267-1414-15D  
 STRUCTURE NO. 016-1104  
 SCALE: NONE DRAWN BY: R. Clinton  
 DATE: DEC. 2007 CHECKED BY: G. Hatlestad

