

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 32 SHEETS
F.A.I. 57	★	COOK	75	34	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		
Contract 60366 ★ 2122B					

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-1.500	617.518	617.518
☉ Brg W Abut	4+64.275	-1.500	617.504	617.504
A	4+74.275	-1.500	617.446	617.474
B	4+84.275	-1.500	617.392	617.439
C	4+94.275	-1.500	617.338	617.390
D	5+04.275	-1.500	617.284	617.327
E	5+14.275	-1.500	617.233	617.257
☉ Pier 1	5+26.150	-1.500	617.152	617.152
F	5+36.150	-1.500	617.074	617.065
G	5+46.150	-1.500	616.988	616.976
H	5+56.150	-1.500	616.892	616.881
☉ Pier 2	5+68.650	-1.500	616.760	616.760
I	5+78.650	-1.500	616.644	616.664
J	5+88.650	-1.500	616.520	616.560
K	5+98.650	-1.500	616.386	616.438
L	6+08.650	-1.500	616.243	616.292
M	6+18.650	-1.500	616.091	616.123
☉ Brg E Abut	6+30.525	-1.500	615.911	615.911
Bk E Abut (Exist)	6+32.942	-1.500	615.876	615.876

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-7.500	617.424	617.424
☉ Brg W Abut	4+64.275	-7.500	617.410	617.410
A	4+74.275	-7.500	617.353	617.381
B	4+84.275	-7.500	617.299	617.346
C	4+94.275	-7.500	617.245	617.297
D	5+04.275	-7.500	617.190	617.233
E	5+14.275	-7.500	617.139	617.163
☉ Pier 1	5+26.150	-7.500	617.058	617.058
F	5+36.150	-7.500	616.981	616.972
G	5+46.150	-7.500	616.894	616.882
H	5+56.150	-7.500	616.799	616.788
☉ Pier 2	5+68.650	-7.500	616.666	616.666
I	5+78.650	-7.500	616.551	616.571
J	5+88.650	-7.500	616.426	616.466
K	5+98.650	-7.500	616.292	616.344
L	6+08.650	-7.500	616.149	616.198
M	6+18.650	-7.500	615.997	616.029
☉ Brg E Abut	6+30.525	-7.500	615.817	615.817
Bk E Abut (Exist)	6+32.942	-7.500	615.783	615.783

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-13.500	617.322	617.322
☉ Brg W Abut	4+64.275	-13.500	617.309	617.309
A	4+74.275	-13.500	617.251	617.279
B	4+84.275	-13.500	617.197	617.244
C	4+94.275	-13.500	617.143	617.195
D	5+04.275	-13.500	617.089	617.132
E	5+14.275	-13.500	617.037	617.061
☉ Pier 1	5+26.150	-13.500	616.957	616.957
F	5+36.150	-13.500	616.879	616.870
G	5+46.150	-13.500	616.793	616.781
H	5+56.150	-13.500	616.697	616.686
☉ Pier 2	5+68.650	-13.500	616.565	616.565
I	5+78.650	-13.500	616.449	616.469
J	5+88.650	-13.500	616.324	616.364
K	5+98.650	-13.500	616.190	616.242
L	6+08.650	-13.500	616.048	616.097
M	6+18.650	-13.500	615.895	615.927
☉ Brg E Abut	6+30.525	-13.500	615.715	615.715
Bk E Abut (Exist)	6+32.942	-13.500	615.681	615.681

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-19.500	617.197	617.197
☉ Brg W Abut	4+64.275	-19.500	617.184	617.184
A	4+74.275	-19.500	617.126	617.154
B	4+84.275	-19.500	617.072	617.119
C	4+94.275	-19.500	617.018	617.070
D	5+04.275	-19.500	616.964	617.007
E	5+14.275	-19.500	616.912	616.936
☉ Pier 1	5+26.150	-19.500	616.832	616.832
F	5+36.150	-19.500	616.754	616.745
G	5+46.150	-19.500	616.668	616.656
H	5+56.150	-19.500	616.572	616.561
☉ Pier 2	5+68.650	-19.500	616.440	616.440
I	5+78.650	-19.500	616.324	616.344
J	5+88.650	-19.500	616.199	616.239
K	5+98.650	-19.500	616.065	616.117
L	6+08.650	-19.500	615.923	615.972
M	6+18.650	-19.500	615.770	615.802
☉ Brg E Abut	6+30.525	-19.500	615.590	615.590
Bk E Abut (Exist)	6+32.942	-19.500	615.556	615.556

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-25.500	617.072	617.072
☉ Brg W Abut	4+64.275	-25.500	617.059	617.059
A	4+74.275	-25.500	617.001	617.029
B	4+84.275	-25.500	616.947	616.994
C	4+94.275	-25.500	616.893	616.945
D	5+04.275	-25.500	616.839	616.882
E	5+14.275	-25.500	616.787	616.811
☉ Pier 1	5+26.150	-25.500	616.707	616.707
F	5+36.150	-25.500	616.629	616.620
G	5+46.150	-25.500	616.543	616.531
H	5+56.150	-25.500	616.447	616.436
☉ Pier 2	5+68.650	-25.500	616.315	616.315
I	5+78.650	-25.500	616.199	616.219
J	5+88.650	-25.500	616.074	616.114
K	5+98.650	-25.500	615.940	615.992
L	6+08.650	-25.500	615.798	615.847
M	6+18.650	-25.500	615.645	615.677
☉ Brg E Abut	6+30.525	-25.500	615.465	615.465
Bk E Abut (Exist)	6+32.942	-25.500	615.431	615.431

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk W Abut (Exist)	4+61.858	-31.500	616.947	616.947
☉ Brg W Abut	4+64.275	-31.500	616.934	616.934
A	4+74.275	-31.500	616.876	616.904
B	4+84.275	-31.500	616.822	616.869
C	4+94.275	-31.500	616.768	616.820
D	5+04.275	-31.500	616.714	616.757
E	5+14.275	-31.500	616.662	616.686
☉ Pier 1	5+26.150	-31.500	616.582	616.582
F	5+36.150	-31.500	616.504	616.495
G	5+46.150	-31.500	616.418	616.406
H	5+56.150	-31.500	616.322	616.311
☉ Pier 2	5+68.650	-31.500	616.190	616.190
I	5+78.650	-31.500	616.074	616.094
J	5+88.650	-31.500	615.949	615.989
K	5+98.650	-31.500	615.815	615.867
L	6+08.650	-31.500	615.673	615.722
M	6+18.650	-31.500	615.520	615.552
☉ Brg E Abut	6+30.525	-31.500	615.340	615.340
Bk E Abut (Exist)	6+32.942	-31.500	615.306	615.306

Notes:
For Plan see Sheet 4 of 32.

DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 16, 2009

Illinois Firm Registration No: 04-00533



Stanley Consultants Inc.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleygroup.com

TOP OF DECK SLAB ELEVATIONS
103RD STREET OVER
FAI 57 (DAN RYAN-WEST LEG)
FAI RTE 57 SECTION 2122B
COOK COUNTY
STA 5+47.40
STRUCTURE NO 016-2127