

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	33
STA. 98+50		TO STA. 107+57		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Sheet 10 of 35 Sheets  
PROJECT NO. BHM-8003(213)  
CONTRACT NO. 83875

BEAM 1 - (LINE NO. 1)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+22.07	-47.000	671.052	671.052
⊕ Brg. S. Abut.	100+26.75	-47.000	671.071	671.071
A	100+36.75	-47.000	671.111	671.139
B	100+46.75	-47.000	671.151	671.189
C	100+56.75	-47.000	671.191	671.220
D	100+66.75	-47.000	671.232	671.240
⊕ S. Pier	100+71.91	-47.000	671.252	671.252
E	100+81.91	-47.000	671.292	671.294
F	100+91.91	-47.000	671.333	671.339
G	101+01.91	-47.000	671.373	671.378
H	101+11.91	-47.000	671.413	671.412
⊕ N. Pier	101+18.03	-47.000	671.438	671.438
I	101+28.03	-47.000	671.478	671.496
J	101+38.03	-47.000	671.518	671.553
K	101+48.03	-47.000	671.558	671.594
L	101+58.03	-47.000	671.598	671.614
⊕ Brg. N. Abut.	101+63.19	-47.000	671.619	671.619
Bk. Prop. N. Abut.	101+67.87	-47.000	671.638	671.638

BEAM 2 - (LINE NO. 2)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+28.70	-41.333	670.974	670.974
⊕ Brg. S. Abut.	100+33.39	-41.333	670.993	670.993
A	100+43.39	-41.333	671.033	671.060
B	100+53.39	-41.333	671.073	671.111
C	100+63.39	-41.333	671.113	671.142
D	100+73.39	-41.333	671.153	671.161
⊕ S. Pier	100+78.54	-41.333	671.174	671.174
E	100+88.54	-41.333	671.214	671.215
F	100+98.54	-41.333	671.254	671.261
G	101+08.54	-41.333	671.294	671.300
H	101+18.54	-41.333	671.335	671.334
⊕ N. Pier	101+24.67	-41.333	671.359	671.359
I	101+34.67	-41.333	671.399	671.418
J	101+44.67	-41.333	671.440	671.475
K	101+54.67	-41.333	671.480	671.515
L	101+64.67	-41.333	671.520	671.536
⊕ Brg. N. Abut.	101+69.82	-41.333	671.541	671.541
Bk. Prop. N. Abut.	101+74.51	-41.333	671.559	671.559

BEAM 3 - (LINE NO. 3)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+35.34	-35.667	670.896	670.896
⊕ Brg. S. Abut.	100+40.02	-35.667	670.914	670.914
A	100+50.02	-35.667	670.954	670.982
B	100+60.02	-35.667	670.995	671.033
C	100+70.02	-35.667	671.035	671.063
D	100+80.02	-35.667	671.075	671.083
⊕ S. Pier	100+85.18	-35.667	671.096	671.096
E	100+95.18	-35.667	671.136	671.137
F	101+05.18	-35.667	671.176	671.183
G	101+15.18	-35.667	671.216	671.222
H	101+25.18	-35.667	671.256	671.255
⊕ N. Pier	101+31.30	-35.667	671.281	671.281
I	101+41.30	-35.667	671.321	671.340
J	101+51.30	-35.667	671.361	671.396
K	101+61.30	-35.667	671.401	671.437
L	101+71.30	-35.667	671.442	671.457
⊕ Brg. N. Abut.	101+76.46	-35.667	671.462	671.462
Bk. Prop. N. Abut.	101+81.14	-35.667	671.481	671.481

BEAM 4 - (LINE NO. 4)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+41.97	-30.000	670.971	670.971
⊕ Brg. S. Abut.	100+46.66	-30.000	670.990	670.990
A	100+56.66	-30.000	671.030	671.058
B	100+66.66	-30.000	671.070	671.108
C	100+76.66	-30.000	671.111	671.139
D	100+86.66	-30.000	671.151	671.159
⊕ S. Pier	100+91.81	-30.000	671.171	671.171
E	101+01.81	-30.000	671.212	671.213
F	101+11.81	-30.000	671.252	671.259
G	101+21.81	-30.000	671.292	671.297
H	101+31.81	-30.000	671.332	671.331
⊕ N. Pier	101+37.94	-30.000	671.357	671.357
I	101+47.94	-30.000	671.397	671.415
J	101+57.94	-30.000	671.437	671.472
K	101+67.94	-30.000	671.477	671.513
L	101+77.94	-30.000	671.517	671.533
⊕ Brg. N. Abut.	101+83.09	-30.000	671.538	671.538
Bk. Prop. N. Abut.	101+87.78	-30.000	671.557	671.557

BEAM 5 - (LINE NO. 5)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+48.61	-24.333	671.111	671.111
⊕ Brg. S. Abut.	100+53.29	-24.333	671.130	671.130
A	100+63.29	-24.333	671.170	671.198
B	100+73.29	-24.333	671.210	671.248
C	100+83.29	-24.333	671.251	671.279
D	100+93.29	-24.333	671.291	671.299
⊕ S. Pier	100+98.45	-24.333	671.311	671.311
E	101+08.45	-24.333	671.352	671.353
F	101+18.45	-24.333	671.392	671.399
G	101+28.45	-24.333	671.432	671.437
H	101+38.45	-24.333	671.472	671.471
⊕ N. Pier	101+44.57	-24.333	671.497	671.497
I	101+54.57	-24.333	671.537	671.555
J	101+64.57	-24.333	671.577	671.612
K	101+74.57	-24.333	671.617	671.653
L	101+84.57	-24.333	671.657	671.673
⊕ Brg. N. Abut.	101+89.73	-24.333	671.678	671.678
Bk. Prop. N. Abut.	101+94.41	-24.333	671.697	671.697

BEAM 6 - (LINE NO. 6)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	100+55.24	-18.667	671.251	671.251
⊕ Brg. S. Abut.	100+59.93	-18.667	671.270	671.270
A	100+69.93	-18.667	671.310	671.338
B	100+79.93	-18.667	671.350	671.388
C	100+89.93	-18.667	671.391	671.419
D	100+99.93	-18.667	671.431	671.439
⊕ S. Pier	101+05.08	-18.667	671.451	671.451
E	101+15.08	-18.667	671.492	671.493
F	101+25.08	-18.667	671.532	671.539
G	101+35.08	-18.667	671.572	671.577
H	101+45.08	-18.667	671.612	671.611
⊕ N. Pier	101+51.21	-18.667	671.637	671.637
I	101+61.21	-18.667	671.677	671.695
J	101+71.21	-18.667	671.717	671.752
K	101+81.21	-18.667	671.757	671.793
L	101+91.21	-18.667	671.797	671.813
⊕ Brg. N. Abut.	101+96.36	-18.667	671.818	671.818
Bk. Prop. N. Abut.	102+01.05	-18.667	671.837	671.837

BEAM 7 - (LINE NO. 7)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+63.67	-13.000	671.398	671.398
⊕ Brg. S. Abut.	100+66.56	-13.000	671.410	671.410
A	100+76.56	-13.000	671.450	671.478
B	100+86.56	-13.000	671.490	671.528
C	100+96.56	-13.000	671.531	671.559
D	101+06.56	-13.000	671.571	671.579
⊕ S. Pier	101+11.72	-13.000	671.591	671.591
E	101+21.72	-13.000	671.632	671.633
F	101+31.72	-13.000	671.672	671.679
G	101+41.72	-13.000	671.712	671.717
H	101+51.72	-13.000	671.752	671.751
⊕ N. Pier	101+57.84	-13.000	671.777	671.777
I	101+67.84	-13.000	671.817	671.835
J	101+77.84	-13.000	671.857	671.892
K	101+87.84	-13.000	671.897	671.933
L	101+97.84	-13.000	671.937	671.953
⊕ Brg. N. Abut.	102+03.00	-13.000	671.958	671.958
Bk. Exist. N. Abut.	102+05.88	-13.000	671.970	671.970

BEAM 8 - (LINE NO. 8)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+70.31	-7.333	671.538	671.538
⊕ Brg. S. Abut.	100+73.20	-7.333	671.550	671.550
A	100+83.20	-7.333	671.590	671.618
B	100+93.20	-7.333	671.630	671.668
C	101+03.20	-7.333	671.671	671.699
D	101+13.20	-7.333	671.711	671.719
⊕ S. Pier	101+18.35	-7.333	671.731	671.731
E	101+28.35	-7.333	671.772	671.773
F	101+38.35	-7.333	671.812	671.819
G	101+48.35	-7.333	671.852	671.857
H	101+58.35	-7.333	671.892	671.891
⊕ N. Pier	101+64.48	-7.333	671.917	671.917
I	101+74.48	-7.333	671.957	671.975
J	101+84.48	-7.333	671.997	672.032
K	101+94.48	-7.333	672.037	672.073
L	102+04.48	-7.333	672.077	672.093
⊕ Brg. N. Abut.	102+09.63	-7.333	672.098	672.098
Bk. Exist. N. Abut.	102+12.52	-7.333	672.110	672.110

NOTES:  
1. Work this sheet with sheet 9 of 34.

REVISIONS	
NAME	DATE

LAKE COUNTY DIVISION OF TRANSPORTATION  
**DECK ELEVATIONS II**  
  
BUFFALO GROVE ROAD  
AT INDIAN CREEK BRIDGE  
SECTION 00-00254-01-BR STATION 101+50.00  
LAKE COUNTY STRUCTURE NO. 049-3043  
SCALE: NONE DRAWN BY: TBW  
DATE: 7/21/06 CHECKED BY: ATI, WK



PLAN  
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
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PROFILE  
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