

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	34
STA. 98+50		TO STA. 107+57		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Sheet 11 of 35 Sheets
 PROJECT NO. BHM-8003(213)
 CONTRACT NO. 83875

BEAM 9 - (LINE NO. 9)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+76.94	-1.667	670.678	670.678
⊕ Brg. S. Abut.	100+79.83	-1.667	671.690	671.690
A	100+89.93	-1.667	671.730	671.758
B	100+99.83	-1.667	671.770	671.808
C	101+09.83	-1.667	671.810	671.839
D	101+19.83	-1.667	671.851	671.859
⊕ S. Pier	101+24.99	-1.667	671.871	671.871
E	101+34.99	-1.667	671.912	671.913
F	101+44.99	-1.667	671.952	671.959
G	101+54.99	-1.667	671.992	671.997
H	101+64.99	-1.667	672.032	672.031
⊕ N. Pier	101+71.11	-1.667	672.057	672.057
I	101+81.11	-1.667	672.097	672.115
J	101+91.11	-1.667	672.137	672.172
K	102+01.11	-1.667	672.177	672.213
L	102+11.11	-1.667	672.217	672.233
⊕ Brg. N. Abut.	102+16.27	-1.667	672.238	672.238
Bk. Exist. N. Abut.	102+19.15	-1.667	672.250	672.250

P.G.L. & ⊕ Buffalo Grove Road - (LINE NO. 10)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+78.90	0.000	671.720	671.720
⊕ Brg. S. Abut.	100+81.78	0.000	671.731	671.731
A	100+91.78	0.000	671.771	671.799
B	101+01.78	0.000	671.811	671.849
C	101+11.78	0.000	671.852	671.880
D	101+21.78	0.000	671.892	671.900
⊕ S. Pier	101+26.94	0.000	671.913	671.913
E	101+36.94	0.000	671.953	671.954
F	101+46.94	0.000	671.993	672.000
G	101+56.94	0.000	672.033	672.038
H	101+66.94	0.000	672.073	672.072
⊕ N. Pier	101+73.06	0.000	672.098	672.098
I	101+83.06	0.000	672.138	672.157
J	101+93.06	0.000	672.178	672.213
K	102+03.06	0.000	672.218	672.254
L	102+13.06	0.000	672.258	672.274
⊕ Brg. N. Abut.	102+18.22	0.000	672.279	672.279
Bk. Exist. N. Abut.	102+21.10	0.000	672.291	672.291

BEAM 10 - (LINE NO. 11)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+83.58	+4.000	671.658	671.658
⊕ Brg. S. Abut.	100+86.46	+4.000	671.670	671.670
A	100+96.46	+4.000	671.710	671.738
B	101+06.46	+4.000	671.750	671.788
C	101+16.46	+4.000	671.790	671.819
D	101+26.46	+4.000	671.831	671.839
⊕ S. Pier	101+31.62	+4.000	671.851	671.851
E	101+41.62	+4.000	671.892	671.893
F	101+51.62	+4.000	671.932	671.939
G	101+61.62	+4.000	671.972	671.977
H	101+71.62	+4.000	672.012	672.011
⊕ N. Pier	101+77.75	+4.000	672.037	672.037
I	101+87.75	+4.000	672.077	672.095
J	101+97.75	+4.000	672.117	672.152
K	102+07.75	+4.000	672.157	672.193
L	102+17.75	+4.000	672.197	672.213
⊕ Brg. N. Abut.	102+22.90	+4.000	672.218	672.218
Bk. Exist. N. Abut.	102+25.79	+4.000	672.230	672.230

Stage Construction Line - (LINE NO. 12)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+88.26	+8.000	671.597	671.597
⊕ Brg. S. Abut.	100+91.15	+8.000	671.609	671.609
A	101+01.15	+8.000	671.649	671.677
B	101+11.15	+8.000	671.689	671.727
C	101+21.15	+8.000	671.729	671.758
D	101+31.15	+8.000	671.769	671.778
⊕ S. Pier	101+36.30	+8.000	671.790	671.790
E	101+46.30	+8.000	671.830	671.832
F	101+56.30	+8.000	671.870	671.877
G	101+66.30	+8.000	671.911	671.916
H	101+76.30	+8.000	671.951	671.950
⊕ N. Pier	101+82.43	+8.000	671.975	671.975
I	101+92.43	+8.000	672.016	672.034
J	102+02.43	+8.000	672.056	672.091
K	102+12.43	+8.000	672.096	672.132
L	102+22.43	+8.000	672.136	672.152
⊕ Brg. N. Abut.	102+27.59	+8.000	672.157	672.157
Bk. Exist. N. Abut.	102+30.47	+8.000	672.168	672.168

BEAM 11 - (LINE NO. 13)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+90.21	+9.667	671.572	671.572
⊕ Brg. S. Abut.	100+93.10	+9.667	671.583	671.583
A	101+03.10	+9.667	671.623	671.651
B	101+13.10	+9.667	671.664	671.702
C	101+23.10	+9.667	671.704	671.732
D	101+33.10	+9.667	671.744	671.752
⊕ S. Pier	101+38.26	+9.667	671.765	671.765
E	101+48.26	+9.667	671.805	671.806
F	101+58.26	+9.667	671.845	671.852
G	101+68.26	+9.667	671.885	671.891
H	101+78.26	+9.667	671.925	671.924
⊕ N. Pier	101+84.38	+9.667	671.950	671.950
I	101+94.38	+9.667	671.990	672.009
J	102+04.38	+9.667	672.030	672.065
K	102+14.38	+9.667	672.070	672.106
L	102+24.38	+9.667	672.111	672.126
⊕ Brg. N. Abut.	102+29.54	+9.667	672.131	672.131
Bk. Exist. N. Abut.	102+32.42	+9.667	672.143	672.143

BEAM 12 - (LINE NO. 14)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Exist. S. Abut.	100+96.85	+15.333	671.485	671.485
⊕ Brg. S. Abut.	100+99.73	+15.333	671.497	671.497
A	101+09.73	+15.333	671.537	671.564
B	101+19.73	+15.333	671.577	671.615
C	101+29.73	+15.333	671.617	671.646
D	101+39.73	+15.333	671.657	671.665
⊕ S. Pier	101+44.89	+15.333	671.678	671.678
E	101+54.89	+15.333	671.718	671.719
F	101+64.89	+15.333	671.758	671.765
G	101+74.89	+15.333	671.798	671.804
H	101+84.89	+15.333	671.839	671.838
⊕ N. Pier	101+91.02	+15.333	671.863	671.863
I	102+01.02	+15.333	671.903	671.922
J	102+11.02	+15.333	671.944	671.979
K	102+21.02	+15.333	671.984	672.019
L	102+31.02	+15.333	672.024	672.040
⊕ Brg. N. Abut.	102+36.17	+15.333	672.045	672.045
Bk. Exist. N. Abut.	102+40.85	+15.333	672.063	672.063

BEAM 13 - (LINE NO. 15)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	101+01.69	+21.000	671.391	671.391
⊕ Brg. S. Abut.	101+06.37	+21.000	671.410	671.410
A	101+16.37	+21.000	671.450	671.478
B	101+26.37	+21.000	671.490	671.528
C	101+36.37	+21.000	671.530	671.559
D	101+46.37	+21.000	671.571	671.579
⊕ S. Pier	101+51.53	+21.000	671.591	671.591
E	101+61.53	+21.000	671.631	671.633
F	101+91.53	+21.000	671.672	671.679
G	101+81.53	+21.000	671.712	671.717
H	101+91.53	+21.000	671.752	671.751
⊕ N. Pier	101+97.65	+21.000	671.777	671.777
I	102+07.65	+21.000	671.817	671.835
J	102+17.65	+21.000	671.857	671.892
K	102+27.65	+21.000	671.897	671.933
L	102+37.65	+21.000	671.937	671.953
⊕ Brg. N. Abut.	102+42.81	+21.000	671.958	671.958
Bk. Prop. N. Abut.	102+47.49	+21.000	671.977	671.977

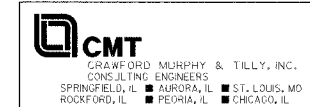
BEAM 14 - (LINE NO. 16)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Prop. S. Abut.	101+08.32	+26.667	671.304	671.304
⊕ Brg. S. Abut.	101+13.00	+26.667	671.323	671.323
A	101+23.00	+26.667	671.363	671.391
B	101+33.00	+26.667	671.404	671.442
C	101+43.00	+26.667	671.444	671.472
D	101+53.00	+26.667	671.484	671.492
⊕ S. Pier	101+58.16	+26.667	671.505	671.505
E	101+68.16	+26.667	671.545	671.546
F	101+78.16	+26.667	671.585	671.592
G	101+88.16	+26.667	671.625	671.630
H	101+98.16	+26.667	671.665	671.664
⊕ N. Pier	102+04.29	+26.667	671.690	671.690
I	102+14.29	+26.667	671.730	671.749
J	102+24.29	+26.667	671.770	671.805
K	102+34.29	+26.667	671.810	671.846
L	102+44.29	+26.667	671.850	671.866
⊕ Brg. N. Abut.	102+49.44	+26.667	671.871	671.871
Bk. Prop. N. Abut.	102+54.12	+26.667	671.890	671.890

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

REVISIONS	NAME	DATE

LAKE COUNTY DIVISION OF TRANSPORTATION
DECK ELEVATIONS III
 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



DATE: _____ BY: _____
 PLAN
 DESIGNED: _____
 CHECKED: _____
 PLOTTED: _____
 DATE: _____

DATE: _____ BY: _____
 PROFILE
 DESIGNED: _____
 CHECKED: _____
 PLOTTED: _____
 DATE: _____

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