

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2758	*	LAKE	40	14
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-	CONTRACT 83790	
* 02-00025-00-BR				

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	-16.67	663.744	663.744
☉ BRG. S. ABUT.	137+51.55	-16.67	663.764	663.764
A	137+61.55	-16.67	663.857	663.862
B	137+71.55	-16.67	663.937	663.943
☉ PIER 1	137+85.05	-16.67	664.024	664.024
C	137+95.05	-16.67	664.073	664.094
D	138+05.05	-16.67	664.109	664.141
E	138+15.05	-16.67	664.131	664.164
F	138+25.05	-16.67	664.141	664.164
☉ PIER 2	138+36.05	-16.67	664.136	664.136
G	138+46.05	-16.67	664.117	664.120
H	138+56.05	-16.67	664.086	664.088
☉ BRG. N. ABUT.	138+61.55	-16.67	664.067	664.067
BK. OF N. ABUT.	138+63.63	-16.67	664.060	664.060

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	-10.00	663.848	663.848
☉ BRG. S. ABUT.	137+51.55	-10.00	663.868	663.868
A	137+61.55	-10.00	663.961	663.967
B	137+71.55	-10.00	664.041	664.047
☉ PIER 1	137+85.05	-10.00	664.128	664.128
C	137+95.05	-10.00	664.177	664.199
D	138+05.05	-10.00	664.213	664.245
E	138+15.05	-10.00	664.235	664.269
F	138+25.05	-10.00	664.245	664.268
☉ PIER 2	138+36.05	-10.00	664.240	664.240
G	138+46.05	-10.00	664.222	664.224
H	138+56.05	-10.00	664.190	664.192
☉ BRG. N. ABUT.	138+61.55	-10.00	664.171	664.171
BK. OF N. ABUT.	138+63.63	-10.00	664.164	664.164

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	-3.33	663.952	663.952
☉ BRG. S. ABUT.	137+51.55	-3.33	663.972	663.972
A	137+61.55	-3.33	664.065	664.071
B	137+71.55	-3.33	664.145	664.152
☉ PIER 1	137+85.05	-3.33	664.232	664.232
C	137+95.05	-3.33	664.281	664.303
D	138+05.05	-3.33	664.317	664.350
E	138+15.05	-3.33	664.340	664.373
F	138+25.05	-3.33	664.349	664.372
☉ PIER 2	138+36.05	-3.33	664.344	664.344
G	138+46.05	-3.33	664.326	664.328
H	138+56.05	-3.33	664.295	664.296
☉ BRG. N. ABUT.	138+61.55	-3.33	664.275	664.275
BK. OF N. ABUT.	138+63.63	-3.33	664.268	664.268

☉ MOFFETT ROAD

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	0.00	664.004	664.004
☉ BRG. S. ABUT.	137+51.55	0.00	664.024	664.024
A	137+61.55	0.00	664.117	664.123
B	137+71.55	0.00	664.197	664.204
☉ PIER 1	137+85.05	0.00	664.284	664.284
C	137+95.05	0.00	664.333	664.355
D	138+05.05	0.00	664.369	664.402
E	138+15.05	0.00	664.392	664.425
F	138+25.05	0.00	664.401	664.424
☉ PIER 2	138+36.05	0.00	664.396	664.396
G	138+46.05	0.00	664.378	664.380
H	138+56.05	0.00	664.347	664.348
☉ BRG. N. ABUT.	138+61.55	0.00	664.327	664.327
BK. OF N. ABUT.	138+63.63	0.00	664.320	664.320

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	3.33	663.952	663.952
☉ BRG. S. ABUT.	137+51.55	3.33	663.972	663.972
A	137+61.55	3.33	664.065	664.071
B	137+71.55	3.33	664.145	664.152
☉ PIER 1	137+85.05	3.33	664.232	664.232
C	137+95.05	3.33	664.281	664.303
D	138+05.05	3.33	664.317	664.350
E	138+15.05	3.33	664.340	664.373
F	138+25.05	3.33	664.349	664.372
☉ PIER 2	138+36.05	3.33	664.344	664.344
G	138+46.05	3.33	664.326	664.328
H	138+56.05	3.33	664.295	664.296
☉ BRG. N. ABUT.	138+61.55	3.33	664.275	664.275
BK. OF N. ABUT.	138+63.63	3.33	664.268	664.268

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	10.00	663.848	663.848
☉ BRG. S. ABUT.	137+51.55	10.00	663.868	663.868
A	137+61.55	10.00	663.961	663.967
B	137+71.55	10.00	664.041	664.047
☉ PIER 1	137+85.05	10.00	664.128	664.128
C	137+95.05	10.00	664.177	664.199
D	138+05.05	10.00	664.213	664.245
E	138+15.05	10.00	664.235	664.269
F	138+25.05	10.00	664.245	664.268
☉ PIER 2	138+36.05	10.00	664.240	664.240
G	138+46.05	10.00	664.222	664.224
H	138+56.05	10.00	664.190	664.192
☉ BRG. N. ABUT.	138+61.55	10.00	664.171	664.171
BK. OF N. ABUT.	138+63.63	10.00	664.164	664.164

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S. ABUT.	137+49.47	16.67	663.744	663.744
☉ BRG. S. ABUT.	137+51.55	16.67	663.764	663.764
A	137+61.55	16.67	663.857	663.862
B	137+71.55	16.67	663.937	663.943
☉ PIER 1	137+85.05	16.67	664.024	664.024
C	137+95.05	16.67	664.073	664.094
D	138+05.05	16.67	664.109	664.141
E	138+15.05	16.67	664.131	664.164
F	138+25.05	16.67	664.141	664.164
☉ PIER 2	138+36.05	16.67	664.136	664.136
G	138+46.05	16.67	664.117	664.120
H	138+56.05	16.67	664.086	664.088
☉ BRG. N. ABUT.	138+61.55	16.67	664.067	664.067
BK. OF N. ABUT.	138+63.63	16.67	664.060	664.060

TYLIN INTERNATIONAL

DESIGNED	- DE
CHECKED	- SP
DRAWN	- DE
CHECKED	- PF

DATE: 01-28-2005

TOP OF SLAB ELEVATIONS

MOFFETT ROAD OVER  
DRAINAGE RAVINE  
FAU 2758  
LAKE COUNTY  
S.N. 049-6803