

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310	81B-1	MORGAN	114	56
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
16 SHEETS
Contract #72528

☉ BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	18.542	606.497	606.497
CL. N. Abt	13979.680	18.542	606.522	606.522
A	13989.680	18.542	606.729	606.772
B	13999.680	18.542	606.944	607.016
C	14009.680	18.542	607.168	607.250
D	14019.680	18.542	607.401	607.466
E	14029.680	18.542	607.642	607.682
CL. Pier	14042.930	18.542	607.974	607.974
F	14052.930	18.542	608.235	608.232
G	14062.930	18.542	608.504	608.507
H	14072.930	18.542	608.782	608.788
I	14082.930	18.542	609.068	609.072
CL. S. Abt	14089.180	18.542	609.251	609.251
Bk. S. Abt	14090.430	18.542	609.288	609.288

☉ BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	11.125	606.646	606.646
CL. N. Abt	13979.680	11.125	606.672	606.672
A	13989.680	11.125	606.879	606.922
B	13999.680	11.125	607.094	607.166
C	14009.680	11.125	607.318	607.400
D	14019.680	11.125	607.551	607.615
E	14029.680	11.125	607.792	607.832
CL. Pier	14042.930	11.125	608.124	608.124
F	14052.930	11.125	608.385	608.382
G	14062.930	11.125	608.654	608.657
H	14072.930	11.125	608.932	608.938
I	14082.930	11.125	609.218	609.222
CL. S. Abt	14089.180	11.125	609.401	609.401
Bk. S. Abt	14090.430	11.125	609.438	609.438

☉ BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	3.708	606.762	606.762
CL. N. Abt	13979.680	3.708	606.788	606.788
A	13989.680	3.708	606.995	607.037
B	13999.680	3.708	607.210	607.282
C	14009.680	3.708	607.434	607.516
D	14019.680	3.708	607.666	607.731
E	14029.680	3.708	607.907	607.948
CL. Pier	14042.930	3.708	608.240	608.240
F	14052.930	3.708	608.501	608.498
G	14062.930	3.708	608.770	608.773
H	14072.930	3.708	609.048	609.054
I	14082.930	3.708	609.334	609.338
CL. S. Abt	14089.180	3.708	609.517	609.517
Bk. S. Abt	14090.430	3.708	609.554	609.554

☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	0.000	606.820	606.820
CL. N. Abt	13979.680	0.000	606.846	606.846
A	13989.680	0.000	607.052	607.095
B	13999.680	0.000	607.268	607.340
C	14009.680	0.000	607.492	607.574
D	14019.680	0.000	607.724	607.789
E	14029.680	0.000	607.965	608.006
CL. Pier	14042.930	0.000	608.298	608.298
F	14052.930	0.000	608.559	608.555
G	14062.930	0.000	608.828	608.830
H	14072.930	0.000	609.106	609.112
I	14082.930	0.000	609.392	609.396
CL. S. Abt	14089.180	0.000	609.575	609.575
Bk. S. Abt	14090.430	0.000	609.612	609.612

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	-1.750	606.793	606.793
CL. N. Abt	13979.680	-1.750	606.818	606.818
A	13989.680	-1.750	607.025	607.068
B	13999.680	-1.750	607.241	607.313
C	14009.680	-1.750	607.465	607.546
D	14019.680	-1.750	607.697	607.762
E	14029.680	-1.750	607.938	607.978
CL. Pier	14042.930	-1.750	608.270	608.270
F	14052.930	-1.750	608.531	608.528
G	14062.930	-1.750	608.800	608.803
H	14072.930	-1.750	609.078	609.084
I	14082.930	-1.750	609.364	609.368
CL. S. Abt	14089.180	-1.750	609.548	609.548
Bk. S. Abt	14090.430	-1.750	609.585	609.585

☉ BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	-3.708	606.762	606.762
CL. N. Abt	13979.680	-3.708	606.788	606.788
A	13989.680	-3.708	606.995	607.037
B	13999.680	-3.708	607.210	607.282
C	14009.680	-3.708	607.434	607.516
D	14019.680	-3.708	607.666	607.731
E	14029.680	-3.708	607.907	607.948
CL. Pier	14042.930	-3.708	608.240	608.240
F	14052.930	-3.708	608.501	608.498
G	14062.930	-3.708	608.770	608.773
H	14072.930	-3.708	609.048	609.054
I	14082.930	-3.708	609.334	609.338
CL. S. Abt	14089.180	-3.708	609.517	609.517
Bk. S. Abt	14090.430	-3.708	609.554	609.554

☉ BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	-11.125	606.646	606.646
CL. N. Abt	13979.680	-11.125	606.672	606.672
A	13989.680	-11.125	606.879	606.922
B	13999.680	-11.125	607.094	607.166
C	14009.680	-11.125	607.318	607.400
D	14019.680	-11.125	607.551	607.615
E	14029.680	-11.125	607.792	607.832
CL. Pier	14042.930	-11.125	608.124	608.124
F	14052.930	-11.125	608.385	608.382
G	14062.930	-11.125	608.654	608.657
H	14072.930	-11.125	608.932	608.938
I	14082.930	-11.125	609.218	609.222
CL. S. Abt	14089.180	-11.125	609.401	609.401
Bk. S. Abt	14090.430	-11.125	609.438	609.438

☉ BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abt	13978.430	-18.542	606.497	606.497
CL. N. Abt	13979.680	-18.542	606.522	606.522
A	13989.680	-18.542	606.729	606.772
B	13999.680	-18.542	606.944	607.016
C	14009.680	-18.542	607.168	607.250
D	14019.680	-18.542	607.401	607.466
E	14029.680	-18.542	607.642	607.682
CL. Pier	14042.930	-18.542	607.974	607.974
F	14052.930	-18.542	608.235	608.232
G	14062.930	-18.542	608.504	608.507
H	14072.930	-18.542	608.782	608.788
I	14082.930	-18.542	609.068	609.072
CL. S. Abt	14089.180	-18.542	609.251	609.251
Bk. S. Abt	14090.430	-18.542	609.288	609.288

DESIGNED	A.B.G.
CHECKED	W.A.B.
DRAWN	DMC Frank Lowry
CHECKED	A.B.G. & W.A.B.

September 30, 2005
 EXAMINED *Thomas J. Donagale*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.P. ROUTE 310 - SECTION 81B-1
 MORGAN COUNTY
 STATION 140+34.43
 STRUCTURE NO. 069-0504