

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
F.A.P. 312	71BR	RANDOLPH	73	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6  
31 SHEETS

Contract No. 76125

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S Abut	112815.833	-18.333	407.312	407.312
€ Brg. S Abut	112820.250	-18.333	407.299	407.299
A	112830.250	-18.333	407.268	407.305
B	112840.250	-18.333	407.237	407.295
C	112850.250	-18.333	407.206	407.267
D	112860.250	-18.333	407.175	407.214
E	112870.250	-18.333	407.144	407.160
€ Brg. Pier 1	112877.000	-18.333	407.123	407.123
F	112887.000	-18.333	407.092	407.101
G	112897.000	-18.333	407.061	407.079
H	112907.000	-18.333	407.030	407.058
I	112917.000	-18.333	406.999	407.020
J	112927.000	-18.333	406.968	406.979
€ Brg. Pier 2	112939.667	-18.333	406.928	406.928
K	112949.667	-18.333	406.897	406.922
L	112959.667	-18.333	406.866	406.913
M	112969.667	-18.333	406.835	406.899
N	112979.667	-18.333	406.804	406.860
O	112989.667	-18.333	406.773	406.799
€ Brg. N Abut	112996.417	-18.333	406.753	406.753
Bk. N Abut	113000.833	-18.333	406.739	406.739

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S Abut	112808.500	-11.000	407.482	407.482
€ Brg. S Abut	112812.917	-11.000	407.469	407.469
A	112822.917	-11.000	407.438	407.475
B	112832.917	-11.000	407.407	407.465
C	112842.917	-11.000	407.376	407.437
D	112852.917	-11.000	407.345	407.384
E	112862.917	-11.000	407.314	407.330
€ Brg. Pier 1	112869.667	-11.000	407.293	407.293
F	112879.667	-11.000	407.262	407.271
G	112889.667	-11.000	407.231	407.249
H	112899.667	-11.000	407.200	407.228
I	112909.667	-11.000	407.169	407.190
J	112919.667	-11.000	407.138	407.149
€ Brg. Pier 2	112932.333	-11.000	407.099	407.099
K	112942.333	-11.000	407.068	407.092
L	112952.333	-11.000	407.037	407.083
M	112962.333	-11.000	407.006	407.069
N	112972.333	-11.000	406.975	407.030
O	112982.333	-11.000	406.944	406.969
€ Brg. N Abut	112989.083	-11.000	406.923	406.923
Bk. N Abut	112993.500	-11.000	406.909	406.909

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S Abut	112801.167	-3.667	407.620	407.620
€ Brg. S Abut	112805.583	-3.667	407.606	407.606
A	112815.583	-3.667	407.575	407.613
B	112825.583	-3.667	407.544	407.602
C	112835.583	-3.667	407.513	407.575
D	112845.583	-3.667	407.482	407.522
E	112855.583	-3.667	407.451	407.467
€ Brg. Pier 1	112862.333	-3.667	407.430	407.430
F	112872.333	-3.667	407.399	407.408
G	112882.333	-3.667	407.368	407.386
H	112892.333	-3.667	407.337	407.365
I	112902.333	-3.667	407.306	407.327
J	112912.333	-3.667	407.275	407.287
€ Brg. Pier 2	112925.000	-3.667	407.236	407.236
K	112935.000	-3.667	407.205	407.229
L	112945.000	-3.667	407.174	407.221
M	112955.000	-3.667	407.143	407.207
N	112965.000	-3.667	407.112	407.167
O	112975.000	-3.667	407.081	407.106
€ Brg. N Abut	112981.750	-3.667	407.060	407.060
Bk. N Abut	112986.167	-3.667	407.046	407.046

**€ ROADWAY & P.G.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S Abut	112797.500	0.000	407.688	407.688
€ Brg. S Abut	112801.917	0.000	407.675	407.675
A	112811.917	0.000	407.644	407.681
B	112821.917	0.000	407.613	407.671
C	112831.917	0.000	407.582	407.643
D	112841.917	0.000	407.551	407.590
E	112851.917	0.000	407.520	407.536
€ Brg. Pier 1	112858.667	0.000	407.499	407.499
F	112868.667	0.000	407.468	407.477
G	112878.667	0.000	407.437	407.455
H	112888.667	0.000	407.406	407.434
I	112898.667	0.000	407.375	407.396
J	112908.667	0.000	407.344	407.355
€ Brg. Pier 2	112921.333	0.000	407.305	407.305
K	112931.333	0.000	407.274	407.298
L	112941.333	0.000	407.243	407.289
M	112951.333	0.000	407.212	407.275
N	112961.333	0.000	407.181	407.236
O	112971.333	0.000	407.150	407.175
€ Brg. N Abut	112978.083	0.000	407.129	407.129
Bk. N Abut	112982.500	0.000	407.115	407.115

DESIGNED	J.E. Kramer
CHECKED	T.L. Kurtenbach
DRAWN	A.M. Seiber
CHECKED	JEK/TLK

January 26, 2005  
 EXAMINED *Thomas J. Demagalaki*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS  
 F.A.P. RT. 312 - SEC. 71BR  
 RANDOLPH COUNTY  
 STATION 1128+90  
 STRUCTURE NO. 079-0048