

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 692	12-1BR-1	MADISON		31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6  
20 SHEETS  
Contract #76386

ROADWAY, STRUCTURE  
AND STAGE CONSTRUCTION LINE

BEAM 1					BEAM 2					BEAM 3					BEAM 4					BEAM 5					BEAM 6				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of N. Abut	144021.308	14.583	514.731	514.731	Back of N. Abut	144019.185	8.750	514.829	514.829	Back of N. Abut	144017.062	2.917	514.914	514.914	Back of N. Abut	144016.000	0.000	514.956	514.956	Back of N. Abut	144012.815	-8.750	514.810	514.810	Back of N. Abut	144010.692	-14.583	514.699	514.699
CL Brg. N. Abut	144022.641	14.583	514.735	514.735	CL Brg. N. Abut	144020.518	8.750	514.833	514.833	CL Brg. N. Abut	144018.395	2.917	514.918	514.918	CL Brg. N. Abut	144017.333	0.000	514.960	514.960	CL Brg. N. Abut	144014.148	-8.750	514.814	514.814	CL Brg. N. Abut	144012.025	-14.583	514.703	514.703
A	144032.641	14.583	514.765	514.768	A	144030.518	8.750	514.863	514.867	A	144028.395	2.917	514.948	514.951	A	144027.333	0.000	514.990	514.994	A	144024.148	-8.750	514.844	514.848	A	144022.025	-14.583	514.733	514.737
B	144042.641	14.583	514.795	514.797	B	144040.518	8.750	514.895	514.895	B	144038.395	2.917	514.978	514.980	B	144037.333	0.000	515.020	515.022	B	144034.148	-8.750	514.874	514.876	B	144032.025	-14.583	514.763	514.765
C	144052.641	14.583	514.825	514.822	C	144050.518	8.750	514.923	514.920	C	144048.395	2.917	515.008	515.005	C	144047.333	0.000	515.050	515.047	C	144044.148	-8.750	514.904	514.901	C	144042.025	-14.583	514.793	514.790
CL Pier 1	144066.308	14.583	514.866	514.866	CL Pier 1	144064.185	8.750	514.964	514.964	CL Pier 1	144062.062	2.917	515.049	515.049	CL Pier 1	144061.000	0.000	515.091	515.091	CL Pier 1	144057.815	-8.750	514.945	514.945	CL Pier 1	144055.692	-14.583	514.834	514.834
D	144076.308	14.583	514.896	514.923	D	144074.185	8.750	514.994	515.021	D	144072.062	2.917	515.079	515.106	D	144071.000	0.000	515.121	515.148	D	144067.815	-8.750	514.975	515.002	D	144065.692	-14.583	514.864	514.891
E	144086.308	14.583	514.926	514.978	E	144084.185	8.750	515.024	515.077	E	144082.062	2.917	515.109	515.161	E	144081.000	0.000	515.151	515.204	E	144077.815	-8.750	515.057	515.057	E	144075.692	-14.583	514.894	514.947
F	144096.308	14.583	514.956	515.024	F	144094.185	8.750	515.054	515.123	F	144092.062	2.917	515.139	515.207	F	144091.000	0.000	515.181	515.250	F	144088.815	-8.750	515.035	515.103	F	144086.692	-14.583	514.924	514.993
G	144106.308	14.583	514.986	515.059	G	144104.185	8.750	515.084	515.157	G	144102.062	2.917	515.169	515.242	G	144101.000	0.000	515.211	515.285	G	144097.815	-8.750	515.065	515.138	G	144095.692	-14.583	514.954	515.027
H	144116.308	14.583	515.016	515.073	H	144114.185	8.750	515.114	515.171	H	144112.062	2.917	515.199	515.256	H	144111.000	0.000	515.241	515.299	H	144107.815	-8.750	515.095	515.152	H	144105.692	-14.583	514.984	515.041
I	144126.308	14.583	515.046	515.081	I	144124.185	8.750	515.144	515.179	I	144122.062	2.917	515.229	515.264	I	144121.000	0.000	515.271	515.307	I	144117.815	-8.750	515.125	515.160	I	144115.692	-14.583	515.014	515.049
CL Pier 2	144139.308	14.583	515.085	515.085	CL Pier 2	144137.185	8.750	515.183	515.183	CL Pier 2	144135.062	2.917	515.268	515.268	CL Pier 2	144134.000	0.000	515.310	515.310	CL Pier 2	144130.815	-8.750	515.164	515.164	CL Pier 2	144128.692	-14.583	515.053	515.053
J	144149.308	14.583	515.115	515.111	J	144147.185	8.750	515.213	515.209	J	144145.062	2.917	515.298	515.294	J	144144.000	0.000	515.340	515.336	J	144140.815	-8.750	515.194	515.190	J	144138.692	-14.583	515.083	515.079
K	144159.308	14.583	515.145	515.145	K	144157.185	8.750	515.243	515.243	K	144155.062	2.917	515.328	515.328	K	144154.000	0.000	515.370	515.371	K	144150.815	-8.750	515.224	515.224	K	144148.692	-14.583	515.113	515.114
L	144169.308	14.583	515.175	515.178	L	144167.185	8.750	515.273	515.276	L	144165.062	2.917	515.358	515.361	L	144164.000	0.000	515.400	515.404	L	144160.815	-8.750	515.254	515.257	L	144158.692	-14.583	515.143	515.146
CL Brg. S. Abut	144182.975	14.583	515.216	515.216	CL Brg. S. Abut	144180.852	8.750	515.314	515.314	CL Brg. S. Abut	144178.729	2.917	515.399	515.399	CL Brg. S. Abut	144177.667	0.000	515.441	515.441	CL Brg. S. Abut	144174.482	-8.750	515.295	515.295	CL Brg. S. Abut	144172.359	-14.583	515.184	515.184
Back of S. Abut	144184.308	14.583	515.220	515.220	Back of S. Abut	144182.185	8.750	515.318	515.318	Back of S. Abut	144180.062	2.917	515.403	515.403	Back of S. Abut	144179.000	0.000	515.445	515.445	Back of S. Abut	144175.815	-8.750	515.299	515.299	Back of S. Abut	144173.692	-14.583	515.188	515.188

BEAM 4					BEAM 5					BEAM 6				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of N. Abut	144014.938	-2.917	514.907	514.907	Back of N. Abut	144012.815	-8.750	514.810	514.810	Back of N. Abut	144010.692	-14.583	514.699	514.699
CL Brg. N. Abut	144016.271	-2.917	514.911	514.911	CL Brg. N. Abut	144014.148	-8.750	514.814	514.814	CL Brg. N. Abut	144012.025	-14.583	514.703	514.703
A	144026.271	-2.917	514.941	514.945	A	144024.148	-8.750	514.844	514.848	A	144022.025	-14.583	514.733	514.737
B	144036.271	-2.917	514.971	514.973	B	144034.148	-8.750	514.874	514.876	B	144032.025	-14.583	514.763	514.765
C	144046.271	-2.917	515.001	514.999	C	144044.148	-8.750	514.904	514.901	C	144042.025	-14.583	514.793	514.790
CL Pier 1	144059.938	-2.917	515.042	515.042	CL Pier 1	144057.815	-8.750	514.945	514.945	CL Pier 1	144055.692	-14.583	514.834	514.834
D	144069.938	-2.917	515.072	515.100	D	144067.815	-8.750	514.975	515.002	D	144065.692	-14.583	514.864	514.891
E	144079.938	-2.917	515.102	515.155	E	144077.815	-8.750	515.005	515.057	E	144075.692	-14.583	514.894	514.947
F	144089.938	-2.917	515.132	515.201	F	144087.815	-8.750	515.035	515.103	F	144085.692	-14.583	514.924	514.993
G	144099.938	-2.917	515.162	515.236	G	144097.815	-8.750	515.065	515.138	G	144095.692	-14.583	514.954	515.027
H	144109.938	-2.917	515.192	515.250	H	144107.815	-8.750	515.095	515.152	H	144105.692	-14.583	514.984	515.041
I	144119.938	-2.917	515.222	515.258	I	144117.815	-8.750	515.125	515.160	I	144115.692	-14.583	515.014	515.049
CL Pier 2	144132.938	-2.917	515.261	515.261	CL Pier 2	144130.815	-8.750	515.164	515.164	CL Pier 2	144128.692	-14.583	515.053	515.053
J	144142.938	-2.917	515.291	515.287	J	144140.815	-8.750	515.194	515.190	J	144138.692	-14.583	515.083	515.079
K	144152.938	-2.917	515.321	515.322	K	144150.815	-8.750	515.224	515.224	K	144148.692	-14.583	515.113	515.114
L	144162.938	-2.917	515.351	515.355	L	144160.815	-8.750	515.254	515.257	L	144158.692	-14.583	515.143	515.146
CL Brg. S. Abut	144176.605	-2.917	515.392	515.392	CL Brg. S. Abut	144174.482	-8.750	515.295	515.295	CL Brg. S. Abut	144172.359	-14.583	515.184	515.184
Back of S. Abut	144177.938	-2.917	515.396	515.396	Back of S. Abut	144175.815	-8.750	515.299	515.299	Back of S. Abut	144173.692	-14.583	515.188	515.188

DESIGNED	T. Kurtenbach
CHECKED	Alan Johnson
DRAWN	Paul Summer
CHECKED	TLK AMJ

APPROVED	April 22, 2005
EXAMINED	Thomas J. Demasale
PASSED	Ralph E. Anderson

TOP OF SLAB ELEVATIONS  
F.A.P. ROUTE 692 - SECTION 12-1BR-1  
MADISON COUNTY  
STATION 1440+97.5  
STRUCTURE NO. 060-0335