

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO. 5
FAP 332	(24BR-1)BR	CLARK	19	20 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract No. 70218

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	-14.375	472.120	472.141
€ N. ABUT.	59478.310	-14.375	472.120	472.141
A	59488.310	-14.375	472.119	472.158
B	59498.310	-14.375	472.118	472.167
C	59508.310	-14.375	472.117	472.166
D	59518.310	-14.375	472.116	472.154
€ BRG. N. PIER 1	59528.060	-14.375	472.115	472.136
€ PIER 1	59528.810	-14.375	472.115	472.136
€ BRG. S. PIER 1	59529.560	-14.375	472.115	472.136
E	59539.560	-14.375	472.114	472.169
F	59549.560	-14.375	472.113	472.192
G	59559.560	-14.375	472.112	472.205
H	59569.560	-14.375	472.111	472.191
I	59579.560	-14.375	472.110	472.168
€ BRG. N. PIER 2	59590.643	-14.375	472.109	472.130
€ PIER 2	59591.393	-14.375	472.109	472.130
€ BRG. S. PIER 2	59592.143	-14.375	472.109	472.130
J	59602.143	-14.375	472.108	472.146
K	59612.143	-14.375	472.107	472.155
L	59622.143	-14.375	472.106	472.154
M	59632.143	-14.375	472.105	472.143
€ S. ABUT.	59641.893	-14.375	472.104	472.125
BK. S. ABUT.	59643.143	-14.375	472.104	472.125

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	-8.625	472.222	472.243
€ N. ABUT.	59478.310	-8.625	472.222	472.243
A	59488.310	-8.625	472.221	472.260
B	59498.310	-8.625	472.220	472.269
C	59508.310	-8.625	472.219	472.268
D	59518.310	-8.625	472.218	472.256
€ BRG. N. PIER 1	59528.060	-8.625	472.217	472.238
€ PIER 1	59528.810	-8.625	472.217	472.238
€ BRG. S. PIER 1	59529.560	-8.625	472.217	472.238
E	59539.560	-8.625	472.216	472.271
F	59549.560	-8.625	472.215	472.294
G	59559.560	-8.625	472.214	472.307
H	59569.560	-8.625	472.213	472.294
I	59579.560	-8.625	472.212	472.271
€ BRG. N. PIER 2	59590.643	-8.625	472.211	472.232
€ PIER 2	59591.393	-8.625	472.211	472.232
€ BRG. S. PIER 2	59592.143	-8.625	472.211	472.232
J	59602.143	-8.625	472.210	472.248
K	59612.143	-8.625	472.209	472.257
L	59622.143	-8.625	472.208	472.257
M	59632.143	-8.625	472.207	472.245
€ S. ABUT.	59641.893	-8.625	472.206	472.227
BK. S. ABUT.	59643.143	-8.625	472.206	472.227

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	-2.875	472.312	472.333
€ N. ABUT.	59478.310	-2.875	472.312	472.333
A	59488.310	-2.875	472.311	472.350
B	59498.310	-2.875	472.310	472.359
C	59508.310	-2.875	472.309	472.358
D	59518.310	-2.875	472.308	472.346
€ BRG. N. PIER 1	59528.060	-2.875	472.307	472.328
€ PIER 1	59528.810	-2.875	472.307	472.328
€ BRG. S. PIER 1	59529.560	-2.875	472.307	472.328
E	59539.560	-2.875	472.306	472.361
F	59549.560	-2.875	472.305	472.384
G	59559.560	-2.875	472.304	472.397
H	59569.560	-2.875	472.303	472.383
I	59579.560	-2.875	472.302	472.360
€ BRG. N. PIER 2	59590.643	-2.875	472.301	472.322
€ PIER 2	59591.393	-2.875	472.301	472.322
€ BRG. S. PIER 2	59592.143	-2.875	472.301	472.322
J	59602.143	-2.875	472.300	472.338
K	59612.143	-2.875	472.299	472.347
L	59622.143	-2.875	472.298	472.346
M	59632.143	-2.875	472.297	472.335
€ S. ABUT.	59641.893	-2.875	472.296	472.317
BK. S. ABUT.	59643.143	-2.875	472.295	472.316

**€ ROADWAY, P.G., & STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	0.000	472.357	472.378
€ N. ABUT.	59478.310	0.000	472.357	472.378
A	59488.310	0.000	472.356	472.395
B	59498.310	0.000	472.355	472.404
C	59508.310	0.000	472.354	472.402
D	59518.310	0.000	472.353	472.391
€ BRG. N. PIER 1	59528.060	0.000	472.352	472.373
€ PIER 1	59528.810	0.000	472.352	472.373
€ BRG. S. PIER 1	59529.560	0.000	472.352	472.373
E	59539.560	0.000	472.351	472.406
F	59549.560	0.000	472.350	472.429
G	59559.560	0.000	472.349	472.442
H	59569.560	0.000	472.348	472.428
I	59579.560	0.000	472.347	472.405
€ BRG. N. PIER 2	59590.643	0.000	472.346	472.367
€ PIER 2	59591.393	0.000	472.346	472.367
€ BRG. S. PIER 2	59592.143	0.000	472.346	472.367
J	59602.143	0.000	472.345	472.383
K	59612.143	0.000	472.344	472.392
L	59622.143	0.000	472.343	472.391
M	59632.143	0.000	472.342	472.380
€ S. ABUT.	59641.893	0.000	472.341	472.362
BK. S. ABUT.	59643.143	0.000	472.340	472.361

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	2.875	472.312	472.333
€ N. ABUT.	59478.310	2.875	472.312	472.333
A	59488.310	2.875	472.311	472.350
B	59498.310	2.875	472.310	472.359
C	59508.310	2.875	472.309	472.358
D	59518.310	2.875	472.308	472.346
€ BRG. N. PIER 1	59528.060	2.875	472.307	472.328
€ PIER 1	59528.810	2.875	472.307	472.328
€ BRG. S. PIER 1	59529.560	2.875	472.307	472.328
E	59539.560	2.875	472.306	472.361
F	59549.560	2.875	472.305	472.384
G	59559.560	2.875	472.304	472.397
H	59569.560	2.875	472.303	472.383
I	59579.560	2.875	472.302	472.360
€ BRG. N. PIER 2	59590.643	2.875	472.301	472.322
€ PIER 2	59591.393	2.875	472.301	472.322
€ BRG. S. PIER 2	59592.143	2.875	472.301	472.322
J	59602.143	2.875	472.300	472.338
K	59612.143	2.875	472.299	472.347
L	59622.143	2.875	472.298	472.346
M	59632.143	2.875	472.297	472.335
€ S. ABUT.	59641.893	2.875	472.296	472.317
BK. S. ABUT.	59643.143	2.875	472.295	472.316

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	8.625	472.222	472.243
€ N. ABUT.	59478.310	8.625	472.222	472.243
A	59488.310	8.625	472.221	472.260
B	59498.310	8.625	472.220	472.269
C	59508.310	8.625	472.219	472.268
D	59518.310	8.625	472.218	472.256
€ BRG. N. PIER 1	59528.060	8.625	472.217	472.238
€ PIER 1	59528.810	8.625	472.217	472.238
€ BRG. S. PIER 1	59529.560	8.625	472.217	472.238
E	59539.560	8.625	472.216	472.271
F	59549.560	8.625	472.215	472.294
G	59559.560	8.625	472.214	472.307
H	59569.560	8.625	472.213	472.294
I	59579.560	8.625	472.212	472.271
€ BRG. N. PIER 2	59590.643	8.625	472.211	472.232
€ PIER 2	59591.393	8.625	472.211	472.232
€ BRG. S. PIER 2	59592.143	8.625	472.211	472.232
J	59602.143	8.625	472.210	472.248
K	59612.143	8.625	472.209	472.257
L	59622.143	8.625	472.208	472.257
M	59632.143	8.625	472.207	472.245
€ S. ABUT.	59641.893	8.625	472.206	472.227
BK. S. ABUT.	59643.143	8.625	472.206	472.227

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	59477.060	14.375	472.120	472.141
€ N. ABUT.	59478.310	14.375	472.120	472.141
A	59488.310	14.375	472.119	472.158
B	59498.310	14.375	472.118	472.167
C	59508.310	14.375	472.117	472.166
D	59518.310	14.375	472.116	472.154
€ BRG. N. PIER 1	59528.060	14.375	472.115	472.136
€ PIER 1	59528.810	14.375	472.115	472.136
€ BRG. S. PIER 1	59529.560	14.375	472.115	472.136
E	59539.560	14.375	472.114	472.169
F	59549.560	14.375	472.113	472.192
G	59559.560	14.375	472.112	472.205
H	59569.560	14.375	472.111	472.191
I	59579.560	14.375	472.110	472.168
€ BRG. N. PIER 2	59590.643	14.375	472.109	472.130
€ PIER 2	59591.393	14.375	472.109	472.130
€ BRG. S. PIER 2	59592.143	14.375	472.109	472.130
J	59602.143	14.375	472.108	472.146
K	59612.143	14.375	472.107	472.155
L	59622.143	14.375	472.106	472.154
M	59632.143	14.375	472.105	472.143
€ S. ABUT.	59641.893	14.375	472.104	472.125
BK. S. ABUT.	59643.143	14.375	472.104	472.125

DESIGNED	CCC
CHECKED	SJB & SMR
DRAWN	BECKY M. CURRY
CHECKED	CCC & SMR

December 8, 2004  
 EXAMINED *Thomas J. Damgalab*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS  
 F.A.P. ROUTE 332 - SEC. (24BR-1)BR  
 CLARK COUNTY  
 STATION 595+60.10  
 STRUCTURE NO. 012-0071