

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DISTRICT	SHEET NO.	SHEET NO. 6 17 SHEETS
FAP 314	111BR-1	MADISON	123	96	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract No. 76454

PROFILE GRADE &
STAGE CONSTRUCTION LINE

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16097.464	-18.125	460.967	460.967
⊕ Brg. N. Abut.	16098.908	-18.125	460.971	460.971
A	16108.908	-18.125	460.995	461.044
B	16118.908	-18.125	461.014	461.111
C	16128.908	-18.125	461.027	461.160
D	16138.908	-18.125	461.034	461.188
E	16148.908	-18.125	461.035	461.209
F	16158.908	-18.125	461.031	461.191
G	16168.908	-18.125	461.021	461.161
H	16178.908	-18.125	461.006	461.118
I	16188.908	-18.125	460.984	461.048
⊕ Brg. S. Abut.	16202.021	-18.125	460.948	460.948
Bk. S. Abut.	16203.464	-18.125	460.943	460.943

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16093.279	-10.875	461.100	461.100
⊕ Brg. N. Abut.	16094.722	-10.875	461.104	461.104
A	16104.722	-10.875	461.131	461.179
B	16114.722	-10.875	461.152	461.249
C	16124.722	-10.875	461.167	461.300
D	16134.722	-10.875	461.176	461.330
E	16144.722	-10.875	461.180	461.354
F	16154.722	-10.875	461.178	461.339
G	16164.722	-10.875	461.171	461.311
H	16174.722	-10.875	461.158	461.270
I	16184.722	-10.875	461.139	461.202
⊕ Brg. S. Abut.	16197.835	-10.875	461.105	461.105
Bk. S. Abut.	16199.279	-10.875	461.101	461.101

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16089.093	-3.625	461.200	461.200
⊕ Brg. N. Abut.	16090.536	-3.625	461.204	461.204
A	16100.536	-3.625	461.234	461.282
B	16110.536	-3.625	461.257	461.354
C	16120.536	-3.625	461.275	461.408
D	16130.536	-3.625	461.286	461.440
E	16140.536	-3.625	461.293	461.467
F	16150.536	-3.625	461.293	461.453
G	16160.536	-3.625	461.288	461.428
H	16170.536	-3.625	461.277	461.389
I	16180.536	-3.625	461.261	461.324
⊕ Brg. S. Abut.	16193.649	-3.625	461.230	461.230
Bk. S. Abut.	16195.093	-3.625	461.226	461.226

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16087.000	0.000	461.249	461.249
⊕ Brg. N. Abut.	16088.443	0.000	461.254	461.254
A	16098.443	0.000	461.285	461.333
B	16108.443	0.000	461.309	461.406
C	16118.443	0.000	461.328	461.461
D	16128.443	0.000	461.341	461.495
E	16138.443	0.000	461.349	461.522
F	16148.443	0.000	461.350	461.510
G	16158.443	0.000	461.346	461.486
H	16168.443	0.000	461.337	461.449
I	16178.443	0.000	461.321	461.385
⊕ Brg. S. Abut.	16191.557	0.000	461.292	461.292
Bk. S. Abut.	16193.000	0.000	461.289	461.289

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16084.907	3.625	461.186	461.186
⊕ Brg. N. Abut.	16086.351	3.625	461.191	461.191
A	16096.351	3.625	461.222	461.271
B	16106.351	3.625	461.248	461.345
C	16116.351	3.625	461.268	461.401
D	16126.351	3.625	461.282	461.436
E	16136.351	3.625	461.291	461.465
F	16146.351	3.625	461.294	461.454
G	16156.351	3.625	461.291	461.431
H	16166.351	3.625	461.282	461.395
I	16176.351	3.625	461.268	461.332
⊕ Brg. S. Abut.	16189.464	3.625	461.241	461.241
Bk. S. Abut.	16190.907	3.625	461.237	461.237

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16080.721	10.875	461.057	461.057
⊕ Brg. N. Abut.	16082.165	10.875	461.062	461.062
A	16092.165	10.875	461.096	461.145
B	16102.165	10.875	461.124	461.221
C	16112.165	10.875	461.147	461.280
D	16122.165	10.875	461.164	461.317
E	16132.165	10.875	461.175	461.349
F	16142.165	10.875	461.180	461.340
G	16152.165	10.875	461.180	461.319
H	16162.165	10.875	461.173	461.286
I	16172.165	10.875	461.162	461.225
⊕ Brg. S. Abut.	16185.278	10.875	461.138	461.138
Bk. S. Abut.	16186.721	10.875	461.134	461.134

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	16076.536	18.125	460.896	460.896
⊕ Brg. N. Abut.	16077.979	18.125	460.902	460.902
A	16087.979	18.125	460.938	460.986
B	16097.979	18.125	460.968	461.065
C	16107.979	18.125	460.993	461.127
D	16117.979	18.125	461.012	461.166
E	16127.979	18.125	461.026	461.200
F	16137.979	18.125	461.033	461.193
G	16147.979	18.125	461.035	461.175
H	16157.979	18.125	461.032	461.144
I	16167.979	18.125	461.022	461.086
⊕ Brg. S. Abut.	16181.092	18.125	461.001	461.001
Bk. S. Abut.	16182.536	18.125	460.998	460.998

DESIGNED	CEH
CHECKED	DHC
DRAWN	BECKY M. LEACH
CHECKED	CEH & DHC

November 10, 2005
 EXAMINED *Thomas J. Ramagala*
 PROFESSIONAL ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.P. ROUTE 314 - SECTION 111BR-1
 MADISON COUNTY
 STATION 161+40.00
 STRUCTURE NO. 060-0339