

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 25 SHEETS
F.A.P. 776	(116BR -DB-1	HAMILTON	140	25	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #78006

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	516+18.73	-14.896	373.231	373.231
☉ Brg. N. Abut.	516+20.09	-14.896	373.237	373.237
A	516+30.09	-14.896	373.272	373.279
B	516+40.09	-14.896	373.300	373.306
C	516+50.09	-14.896	373.321	373.323
☉ Brg. Pier 1	516+56.48	-14.896	373.330	373.330
D	516+66.48	-14.896	373.340	373.351
E	516+76.48	-14.896	373.342	373.362
F	516+86.48	-14.896	373.338	373.358
G	516+96.48	-14.896	373.326	373.337
☉ Brg. Pier 2	517+06.48	-14.896	373.308	373.308
H	517+16.48	-14.896	373.282	373.285
I	517+26.48	-14.896	373.250	373.257
J	517+36.48	-14.896	373.210	373.215
☉ Brg. S. Abut.	517+42.86	-14.896	373.181	373.181
Bk. S. Abut.	517+44.23	-14.896	373.175	373.175


**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	516+16.14	-8.938	373.329	373.329
☉ Brg. N. Abut.	516+17.50	-8.938	373.335	373.335
A	516+27.50	-8.938	373.371	373.379
B	516+37.50	-8.938	373.401	373.408
C	516+47.50	-8.938	373.424	373.426
☉ Brg. Pier 1	516+53.89	-8.938	373.435	373.435
D	516+63.89	-8.938	373.446	373.457
E	516+73.89	-8.938	373.450	373.470
F	516+83.89	-8.938	373.448	373.468
G	516+93.89	-8.938	373.438	373.449
☉ Brg. Pier 2	517+03.89	-8.938	373.421	373.421
H	517+13.89	-8.938	373.397	373.401
I	517+23.89	-8.938	373.367	373.374
J	517+33.89	-8.938	373.329	373.334
☉ Brg. S. Abut.	517+40.27	-8.938	373.301	373.301
Bk. S. Abut.	517+41.64	-8.938	373.295	373.295

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	516+13.55	-2.979	373.411	373.411
☉ Brg. N. Abut.	516+14.91	-2.979	373.417	373.417
A	516+24.91	-2.979	373.456	373.463
B	516+34.91	-2.979	373.487	373.494
C	516+44.91	-2.979	373.512	373.514
☉ Brg. Pier 1	516+51.30	-2.979	373.524	373.524
D	516+61.30	-2.979	373.537	373.548
E	516+71.30	-2.979	373.543	373.563
F	516+81.30	-2.979	373.542	373.562
G	516+91.30	-2.979	373.534	373.545
☉ Brg. Pier 2	517+01.30	-2.979	373.519	373.519
H	517+11.30	-2.979	373.497	373.501
I	517+21.30	-2.979	373.468	373.476
J	517+31.30	-2.979	373.433	373.438
☉ Brg. S. Abut.	517+37.68	-2.979	373.406	373.406
Bk. S. Abut.	517+39.05	-2.979	373.400	373.400

PLOT DATE: 10/26/2007 FILE NAME: 0530051-78006-41021br+rdg=0050.dgn

 <p><b>HAMPTON, LENZINI &amp; RENWICK, INC.</b> CIVIL &amp; STRUCTURAL ENGINEERS LAND SURVEYORS</p> <p>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400</p> <p>ELGIN • SPRINGFIELD</p>	<p><b>TOP OF SLAB ELEVATIONS</b> <b>IL ROUTE 142 OVER CONTRARY CREEK</b> <b>F.A.P. ROUTE 776 - SECTION (116BR-DB-1</b> <b>HAMILTON COUNTY</b> <b>STRUCTURE NO. 033-0050 / STATION 516+75</b></p>	
	<p>PROJECT NUMBER: 12-41-0021-1 DESIGNED: P.L.</p>	<p>DATE: 10/25/07 CHECKED: S.W.M.</p>