

BEAM 1S

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	703.419	703.425	703.467	703.511	703.556	703.602	703.649	703.698	703.748	703.786	703.839	703.892	703.947	704.003	704.060	704.119	704.179	704.240	704.302	704.366	704.396	704.405
Theoretical Grade Elevation Adjusted for D.L. Deflection	703.419	703.425	703.476	703.528	703.570	703.613	703.652	703.694	703.746	703.786	703.868	703.951	703.034	704.115	704.197	704.253	704.301	704.347	704.366	704.386	704.396	704.405
Bottom of Slab Elevation	702.752	702.758	702.809	702.861	702.903	703.946	702.985	703.027	703.079	703.119	703.201	703.284	703.367	703.448	703.530	703.586	703.634	703.680	703.699	703.719	703.729	703.738
Top of Steel																						
Fillet Height "t"																						

PROFILE GRADE LINE (ALONG CURVE)

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	703.366	703.374	703.426	703.478	703.530	703.583	703.635	703.687	703.739	703.784	703.836	703.888	703.940	703.992	704.045	704.097	704.149	704.201	704.254	704.306	704.324	704.331
Theoretical Grade Elevation Adjusted for D.L. Deflection	703.366	703.374	703.434	703.495	703.545	703.594	703.638	703.683	703.738	703.784	703.866	703.948	704.028	704.106	704.183	704.230	704.271	704.304	704.313	704.321	704.324	704.331

BEAM 2S

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	703.208	703.214	703.256	703.299	703.343	703.389	703.436	703.484	703.534	703.572	703.624	703.677	703.732	703.787	703.844	703.903	703.962	704.023	704.085	704.148	704.178	704.188
Theoretical Grade Elevation Adjusted for D.L. Deflection	703.208	703.214	703.264	703.315	703.358	703.400	703.439	703.481	703.532	703.572	703.654	703.736	703.819	703.899	703.981	703.036	704.085	704.130	704.148	704.168	704.178	704.188
Bottom of Slab Elevation	702.541	702.547	702.597	702.648	702.691	702.733	702.772	702.814	702.865	702.905	702.987	703.069	703.152	703.232	703.314	703.369	703.418	703.463	703.481	703.501	703.511	703.521
Top of Steel																						
Fillet Height "t"																						

C DECK (ALONG CURVE)

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	702.971	702.978	703.031	703.083	703.136	703.188	703.241	703.294	703.346	703.391	703.444	703.497	703.549	703.602	703.654	703.707	703.759	703.812	703.864	703.917	703.936	703.943
Theoretical Grade Elevation Adjusted for D.L. Deflection	702.971	702.978	703.039	703.100	703.151	703.200	703.245	703.290	703.344	703.391	703.474	703.556	703.637	703.715	703.792	703.840	703.881	703.915	703.924	703.933	703.936	703.943

BEAM 3S

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	702.996	703.002	703.044	703.087	703.131	703.176	703.223	703.271	703.320	703.358	703.409	703.462	703.516	703.572	703.628	703.686	703.745	703.806	703.868	703.931	703.961	703.970
Theoretical Grade Elevation Adjusted for D.L. Deflection	702.996	703.002	703.052	703.103	703.145	703.187	703.226	703.267	703.318	703.358	703.439	703.521	703.603	703.684	703.765	703.820	703.868	703.913	703.931	703.951	703.961	703.970
Bottom of Slab Elevation	702.329	702.335	702.385	702.436	702.478	702.520	702.559	702.600	702.651	702.691	702.772	702.854	702.936	703.017	703.098	703.153	703.201	703.246	703.264	703.284	703.294	703.303
Top of Steel																						
Fillet Height "t"																						

BEAM 4S

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	702.785	702.791	702.832	702.875	702.918	702.963	703.010	703.057	703.106	703.144	703.195	703.247	703.301	703.356	703.412	703.470	703.529	703.589	703.651	703.713	703.743	703.752
Theoretical Grade Elevation Adjusted for D.L. Deflection	702.785	702.791	702.841	702.891	703.933	703.975	703.012	703.054	703.104	703.144	703.224	703.306	703.388	703.468	703.549	703.604	703.652	703.696	703.714	703.734	703.743	703.752
Bottom of Slab Elevation	702.118	702.124	702.174	702.224	702.266	702.308	702.345	702.387	702.437	702.477	702.557	702.639	702.721	702.801	702.882	702.937	702.985	702.029	702.047	703.067	703.076	703.085
Top of Steel																						
Fillet Height "t"																						

BEAM 5S

	Bk. of W. Abut.	C. Brg. W. Abut.	Span 1							C. of Pier	Span 2							C. Brg. E. Abut.	Bk. of E. Abut.			
			A	B	C	D	E	F	G		H	I	J	K	L	M	N			O	P	Q
Theoretical Grade Elevation	702.574	702.580	702.621	702.663	702.706	702.750	702.796	702.844	702.892	702.930	702.980	703.033	703.086	703.141	703.197	703.254	703.312	703.372	703.433	703.496	703.526	703.535
Theoretical Grade Elevation Adjusted for D.L. Deflection	702.574	702.580	702.629	702.679	702.720	702.762	702.799	702.840	702.891	702.930	703.010	703.092	703.173	703.253	703.333	703.388	703.435	703.479	703.497	703.516	703.526	703.535
Bottom of Slab Elevation	701.907	701.913	701.962	702.012	702.053	702.095	702.132	702.173	702.224	702.263	702.343	702.425	702.506	702.586	702.666	702.721	702.768	702.812	702.830	702.849	702.859	702.868
Top of Steel																						
Fillet Height "t"																						

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS
 LAND SURVEYORS
 3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-05-0077-1 DATE: 09/20/07
 DESIGNED: T.P.L. CHECKED: J.L.B. DRAWN: P.J.L.

TOP OF SLAB ELEVATIONS
 SECTION 06-00214-08-BR
 F.A.U. ROUTE 361 / NEW STEARNS ROAD
 OVER THE NORTH ARM OF BREWSTER CREEK
 KANE COUNTY

STRUCTURE NO. 045-3167 (E.B.) / STATION 590+50.50