

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13087.99	-16.607	410.513	410.513
☉ Brg. W. Abut.	13089.88	-16.622	410.508	410.508
A	13099.92	-16.682	410.485	410.533
B	13109.97	-16.714	410.462	410.536
C	13120.02	-16.717	410.441	410.518
D	13130.07	-16.691	410.421	410.479
☉ Brg. E. Abut.	13142.12	-16.622	410.398	410.398
Bk. E. Abut.	13144.01	-16.607	410.395	410.395

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.05	-9.941	410.772	410.772
☉ Brg. W. Abut.	13089.93	-9.955	410.768	410.768
A	13099.95	-10.016	410.744	410.793
B	13109.98	-10.047	410.722	410.796
C	13120.01	-10.050	410.701	410.778
D	13130.04	-10.024	410.681	410.739
☉ Brg. E. Abut.	13142.07	-9.955	410.658	410.658
Bk. E. Abut.	13143.96	-9.941	410.655	410.655

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.10	-3.274	411.032	411.032
☉ Brg. W. Abut.	13089.98	-3.289	411.028	411.028
A	13099.99	-3.349	411.004	411.053
B	13109.99	-3.380	410.982	411.056
C	13120.00	-3.383	410.961	411.038
D	13130.01	-3.357	410.941	410.999
☉ Brg. E. Abut.	13142.03	-3.289	410.918	410.918
Bk. E. Abut.	13143.90	-3.274	410.915	410.915

**☉ BRIDGE & STAGE CONST. LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.13	0.059	411.162	411.812
☉ Brg. W. Abut.	13090.00	0.044	411.158	411.807
A	13100.00	-0.016	411.134	411.832
B	13110.00	-0.047	411.112	411.836
C	13120.00	-0.050	411.091	411.818
D	13130.00	-0.024	411.071	411.779
☉ Brg. E. Abut.	13142.00	0.044	411.049	411.699
Bk. E. Abut.	13143.88	0.059	411.045	411.695

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.15	3.392	411.292	411.292
☉ Brg. W. Abut.	13090.03	3.378	411.288	411.288
A	13100.02	3.318	411.264	411.312
B	13110.01	3.286	411.242	411.316
C	13120.00	3.283	411.221	411.298
D	13129.99	3.309	411.201	411.259
☉ Brg. E. Abut.	13141.98	3.378	411.179	411.179
Bk. E. Abut.	13143.85	3.392	411.175	411.175

**BEAM 5**


Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.21	10.059	411.552	411.552
☉ Brg. W. Abut.	13090.07	10.044	411.548	411.548
A	13100.05	9.984	411.524	411.572
B	13110.02	9.953	411.502	411.576
C	13119.99	9.950	411.481	411.558
D	13129.96	9.976	411.461	411.519
☉ Brg. E. Abut.	13141.93	10.044	411.439	411.439
Bk. E. Abut.	13143.80	10.059	411.435	411.435

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	13088.257	16.725	411.812	411.812
☉ Brg. W. Abut.	13090.123	16.711	411.807	411.807
A	13100.076	16.651	411.784	411.832
B	13110.028	16.620	411.762	411.836
C	13119.981	16.617	411.741	411.818
D	13129.934	16.642	411.721	411.779
☉ Brg. E. Abut.	13141.877	16.711	411.699	411.699
Bk. E. Abut.	13143.743	16.725	411.695	411.695

DESIGNED - P.S.L.
CHECKED - M.D.C.
DRAWN - D.T.M.
CHECKED - S.W.M.

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 083-0063**

 HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 6  19 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		2881	30B-1	SALINE	45	20
PROJECT NUMBER: 08.0045.130		DATE: 09/02/08		RALEIGH RD. OVER ELDORADO RESERVOIR SPILLWAY		
		FED. ROAD DIST. NO. 9		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 98533				