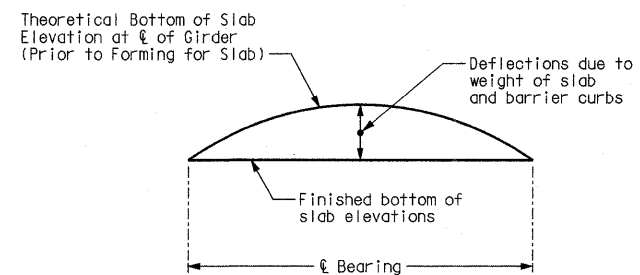


**\*\* THEORETICAL BOTTOM OF SLAB ELEVATIONS AT  $\bar{c}$  OF GIRDER (PRIOR TO FORMING FOR SLAB)**

Span (13-14) ( $\bar{c}$ Brg. - $\bar{c}$ Brg.)																					
	$\bar{c}$ Brg.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	$\bar{c}$ Brg.
Girder 5	477.75	477.73	477.71	477.69	477.66	477.63	477.60	477.56	477.51	477.46	477.41	477.35	477.29	477.23	477.17	477.11	477.05	476.99	476.94	476.90	476.86
Girder 6	477.52	477.50	477.48	477.45	477.43	477.40	477.36	477.32	477.28	477.23	477.17	477.12	477.06	477.00	476.93	476.87	476.81	476.76	476.71	476.66	476.63
Girder 7	477.28	477.26	477.24	477.22	477.19	477.16	477.13	477.09	477.04	476.99	476.94	476.88	476.82	476.76	476.70	476.64	476.58	476.52	476.47	476.43	476.39
Girder 8	477.05	477.03	477.01	476.98	476.96	476.93	476.89	476.85	476.81	476.76	476.70	476.65	476.59	476.53	476.46	476.40	476.34	476.29	476.24	476.19	476.16
Span (14-15) ( $\bar{c}$ Brg. - $\bar{c}$ Brg.)																					
	$\bar{c}$ Brg.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	$\bar{c}$ Brg.
Girder 5	476.86	476.83	476.82	476.82	476.82	476.81	476.80	476.78	476.74	476.68	476.61	476.53	476.42	476.31	476.18	476.05	475.91	475.78	475.67	475.56	475.48
Girder 6	476.63	476.60	476.58	476.58	476.58	476.57	476.54	476.50	476.45	476.38	476.29	476.19	476.07	475.95	475.81	475.68	475.55	475.43	475.33	475.24	475.24
Girder 7	476.39	476.36	476.35	476.35	476.35	476.34	476.33	476.31	476.27	476.21	476.14	476.06	475.95	475.84	475.71	475.58	475.44	475.31	475.20	475.09	475.01
Girder 8	476.16	476.13	476.11	476.11	476.11	476.11	476.10	476.07	476.03	475.98	475.91	475.82	475.72	475.60	475.48	475.34	475.21	475.08	474.96	474.86	474.77
Span (15-16) ( $\bar{c}$ Brg. - $\bar{c}$ Brg.)																					
	$\bar{c}$ Brg.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	$\bar{c}$ Brg.
Girder 5	475.48	475.42	475.39	475.37	475.36	475.36	475.35	475.34	475.32	475.28	475.23	475.16	475.07	474.98	474.86	474.73	474.60	474.46	474.33	474.20	474.09
Girder 6	475.24	475.19	475.15	475.13	475.12	475.12	475.10	475.08	475.04	474.99	474.92	474.84	474.74	474.63	474.50	474.36	474.23	474.09	474.09	473.97	473.86
Girder 7	475.01	474.95	474.92	474.90	474.89	474.89	474.88	474.87	474.85	474.81	474.76	474.69	474.60	474.51	474.39	474.26	474.13	473.99	473.86	473.73	473.62
Girder 8	474.77	474.72	474.68	474.66	474.65	474.65	474.63	474.61	474.57	474.52	474.45	474.37	474.27	474.16	474.03	473.89	473.76	473.62	473.50	473.39	473.39
Span (16-17) ( $\bar{c}$ Brg. - $\bar{c}$ Brg.)																					
	$\bar{c}$ Brg.	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	$\bar{c}$ Brg.
Girder 5	474.09	474.04	473.99	473.96	473.92	473.89	473.87	473.84	473.81	473.78	473.75	473.72	473.68	473.63	473.58	473.53	473.47	473.41	473.34	473.27	473.21
Girder 6	473.86	473.80	473.76	473.72	473.69	473.66	473.63	473.60	473.58	473.55	473.52	473.48	473.44	473.40	473.35	473.29	473.24	473.17	473.11	473.04	472.97
Girder 7	473.62	473.57	473.52	473.49	473.45	473.42	473.40	473.37	473.34	473.31	473.28	473.25	473.21	473.16	473.11	473.06	473.00	472.94	472.87	472.81	472.74
Girder 8	473.39	473.33	473.29	473.25	473.22	473.19	473.16	473.13	473.11	473.08	473.05	473.01	472.97	472.93	472.88	472.82	472.77	472.70	472.64	472.57	472.50

\*\* Elevations are based on a constant slab thickness of 9" and include allowance for theoretical dead load deflections due to weight of Slab (including Prestressed Panel) and Barrier Curbs.



**TYPICAL SLAB ELEVATIONS DIAGRAM**

**THEORETICAL BOTTOM OF SLAB ELEVATIONS EB - UNIT 1**

ILLINOIS APPROACH STRUCTURE  
 FOR NEW I-70 MISSISSIPPI RIVER BRIDGE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 MISSOURI HIGHWAYS  
 AND TRANSPORTATION COMMISSION

**HNTB**  
 715 KIRK DRIVE  
 KANSAS CITY, MO 64105  
 TELEPHONE (816) 472-1201  
 CERTIFICATE OF AUTHORITY  
 NO. 001270

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 2750 WEST WASHINGTON STREET  
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 ENGINEERING CORPORATION - 000631