

**BEAM R1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 7	-	-	-	-
CL. BRG. PIER 7N	56+23.50	-58.45	622.77	622.77
4A	56+33.33	-56.62	622.94	623.01
4B	56+43.15	-54.79	623.11	623.24
4C	56+52.98	-52.96	623.29	623.46
4D	56+62.81	-51.13	623.47	623.65
4E	56+72.64	-49.30	623.66	623.81
4F	56+82.46	-47.47	623.86	623.96
4G	56+92.28	-45.60	624.07	624.11
CL. BRG. PIER 8S	56+97.50	-44.67	624.17	624.17
CL. PIER 8	-	-	-	-
CL. BRG. PIER 8N	56+99.00	-44.44	624.20	624.20
5A	57+08.92	-43.16	624.38	624.44
5B	57+18.83	-41.88	624.57	624.67
5C	57+28.75	-40.61	624.75	624.89
5D	57+38.67	-39.33	624.95	625.09
5E	57+48.59	-38.05	625.15	625.27
5F	57+58.50	-36.77	625.35	625.43
CL. BRG. PIER 9S	57+73.00	-34.91	625.64	625.64
CL. PIER 9	-	-	-	-
CL. BRG. PIER 9N	57+74.50	-34.74	625.67	625.67
6A	57+84.47	-34.00	625.85	625.92
6B	57+94.44	-33.25	626.04	626.16
6C	58+04.42	-32.50	626.26	626.42
6D	58+14.39	-31.75	626.47	626.63
6E	58+24.36	-31.01	626.66	626.80
6F	58+34.33	-30.26	626.86	626.96
CL. BRG. PIER 10S	58+48.50	-29.20	627.14	627.14
CL. PIER 10	-	-	-	-
CL. BRG. PIER 10N	58+50.00	-29.13	627.17	627.17
7A	58+60.00	-28.98	627.34	627.40
7B	58+70.00	-28.83	627.52	627.63
7C	58+80.00	-28.67	627.69	627.83
7D	58+90.00	-28.52	627.87	628.01
7E	58+99.99	-28.37	628.04	628.16
7F	59+09.99	-28.22	628.22	628.30
CL. BRG. PIER 11S	59+24.00	-28.01	628.45	628.45
CL. PIER 11	-	-	-	-

**RAMP E & P.G.L.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 7	200+03.63	0.00	623.05	623.05
CL. BRG. PIER 7N	200+02.86	0.00	623.07	623.07
4A	199+92.86	0.00	623.26	623.32
4B	199+82.86	0.00	623.44	623.55
4C	199+72.86	0.00	623.63	623.77
4D	199+62.86	0.00	623.81	623.95
4E	199+52.86	0.00	623.99	624.12
4F	199+42.86	0.00	624.17	624.26
4G	199+32.86	0.00	624.35	624.38
CL. BRG. PIER 8S	199+27.57	0.00	624.45	624.45
CL. PIER 8	199+26.81	0.00	624.46	624.46
CL. BRG. PIER 8N	199+26.05	0.00	624.47	624.47
5A	199+16.05	0.00	624.66	624.71
5B	199+06.05	0.00	624.84	624.93
5C	198+96.05	0.00	625.02	625.14
5D	198+86.05	0.00	625.20	625.32
5E	198+76.05	0.00	625.38	625.49
5F	198+66.05	0.00	625.56	625.63
CL. BRG. PIER 9S	198+51.46	0.00	625.82	625.82
CL. PIER 9	198+50.71	0.00	625.84	625.84
CL. BRG. PIER 9N	198+49.95	0.00	625.85	625.85
6A	198+39.95	0.00	626.03	626.09
6B	198+29.95	0.00	626.21	626.32
6C	198+21.67	0.00	626.36	626.50

**BEAM R2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 7	-	-	-	-
CL. BRG. PIER 7N	56+23.50	-51.64	623.21	623.21
4A	56+33.39	-50.16	623.35	623.41
4B	56+43.28	-48.69	623.50	623.61
4C	56+53.17	-47.22	623.66	623.80
4D	56+63.06	-45.74	623.82	623.96
4E	56+72.95	-44.27	623.98	624.11
4F	56+82.84	-42.80	624.15	624.24
CL. BRG. PIER 8S	56+97.50	-40.61	624.41	624.41
CL. PIER 8	-	-	-	-
CL. BRG. PIER 8N	56+99.00	-36.86	624.65	624.65
5A	57+08.96	-36.01	624.79	624.84
5B	57+18.93	-35.15	624.94	625.03
5C	57+28.89	-34.30	625.09	625.21
5D	57+38.85	-33.44	625.25	625.37
5E	57+48.82	-32.59	625.41	625.52
5F	57+58.78	-31.73	625.58	625.65
CL. BRG. PIER 9S	57+73.00	-30.51	625.83	625.83
CL. PIER 9	-	-	-	-
CL. BRG. PIER 9N	57+74.50	-28.31	625.94	625.94
6A	57+84.49	-27.81	626.10	626.15
6B	57+94.48	-27.31	626.26	626.36
6C	58+04.46	-26.81	626.45	626.57
6D	58+14.45	-26.31	626.65	626.78
6E	58+24.44	-25.81	626.83	626.94
6F	58+34.43	-25.31	627.02	627.09
CL. BRG. PIER 10S	58+48.50	-24.61	627.27	627.27
CL. PIER 10	-	-	-	-
CL. BRG. PIER 10N	58+50.00	-22.28	627.37	627.37
7A	58+60.00	-22.21	627.53	627.58
7B	58+70.00	-22.13	627.69	627.78
7C	58+80.00	-22.05	627.86	627.97
7D	58+90.00	-21.98	628.02	628.14
7E	59+00.00	-21.90	628.19	628.29
7F	59+10.00	-21.83	628.35	628.42
CL. BRG. PIER 11S	59+24.00	-21.72	628.57	628.57
CL. PIER 11	-	-	-	-

Note:  
Offset measured perpendicular to SB IL-171 except for Ramp E screeds.



Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10093

FILE NAME =	0162457.60J16.023.TOS.Elev.Unit.C.4.of.6.dgn	USER NAME =	ksnyder	DESIGNED -	DTS	REVISED -	
		CHECKED -	AJK	CHECKED -	AJK	REVISED -	
		DRAWN -	KMS	DRAWN -	KMS	REVISED -	
		PLOT DATE =	12/20/2013	CHECKED -	AJK	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS UNIT C (4 OF 6)  
STRUCTURE NO. 016-2457

SHEET NO. SD23 OF SD83 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	398
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	