

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Ⓞ Brg. Pier 2	280+60.00	8.67	459.54	459.54
3A	280+70.00	8.67	459.63	459.66
3B	280+80.00	8.67	459.70	459.78
3C	280+90.00	8.67	459.77	459.90
3D	281+00.00	8.67	459.84	460.01
3E	281+10.00	8.67	459.89	460.13
3F	281+20.00	8.67	459.94	460.24
3G	281+30.00	8.67	459.98	460.34
3H	281+40.00	8.67	460.01	460.44
3I	281+50.00	8.67	460.03	460.52
3J	281+60.00	8.67	460.05	460.59
3K	281+70.00	8.67	460.05	460.65
3L	281+80.00	8.67	460.05	460.70
3M	281+90.00	8.67	460.05	460.73
3N	282+00.00	8.67	460.03	460.74
3O	282+10.00	8.67	460.01	460.73
3P	282+20.00	8.67	459.98	460.71
3Q	282+30.00	8.67	459.94	460.66
3R	282+40.00	8.67	459.89	460.60
3S	282+50.00	8.67	459.83	460.53
3T	282+60.00	8.67	459.77	460.43
3U	282+70.00	8.67	459.70	460.32
3V	282+80.00	8.67	459.62	460.19
3W	282+90.00	8.67	459.54	460.05
3X	283+00.00	8.67	459.44	459.90
3Y	283+10.00	8.67	459.34	459.73
3Z	283+20.00	8.67	459.23	459.56
3AA	283+30.00	8.67	459.11	459.38
3AB	283+40.00	8.67	458.99	459.19
3AC	283+50.00	8.67	458.85	459.00
3AD	283+60.00	8.67	458.71	458.81
3AE	283+70.00	8.67	458.56	458.62
3AF	283+80.00	8.67	458.41	458.43
Ⓞ Brg. Pier 3	283+90.00	8.67	458.24	458.24
4A	284+00.00	8.67	458.07	458.06
4B	284+10.00	8.67	457.89	457.87
4C	284+20.00	8.67	457.70	457.69
4D	284+30.00	8.67	457.51	457.50
4E	284+40.00	8.67	457.30	457.32
4F	284+50.00	8.67	457.09	457.13
4G	284+60.00	8.67	456.87	456.94
4H	284+70.00	8.67	456.64	456.75
4I	284+80.00	8.67	456.41	456.55
4J	284+90.00	8.67	456.17	456.35
4K	285+00.00	8.67	455.92	456.13
4L	285+10.00	8.67	455.66	455.89
4M	285+20.00	8.67	455.39	455.64
4N	285+30.00	8.67	455.12	455.37
4O	285+40.00	8.67	454.83	455.08
4P	285+50.00	8.67	454.55	454.78
4Q	285+60.00	8.67	454.25	454.46
4R	285+70.00	8.67	453.94	454.12
4S	285+80.00	8.67	453.63	453.76
4T	285+90.00	8.67	453.31	453.39
4U	286+00.00	8.67	452.98	453.01
Ⓞ Brg. S. Abut.	286+06.33	8.67	452.77	452.77
Bk. S. Abut.	286+10.00	8.67	452.64	452.64

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Ⓞ Brg. Pier 2	280+60.00	17.33	459.36	459.36
3A	280+70.00	17.33	459.45	459.48
3B	280+80.00	17.33	459.52	459.60
3C	280+90.00	17.33	459.59	459.72
3D	281+00.00	17.33	459.66	459.83
3E	281+10.00	17.33	459.71	459.95
3F	281+20.00	17.33	459.76	460.06
3G	281+30.00	17.33	459.80	460.16
3H	281+40.00	17.33	459.83	460.26
3I	281+50.00	17.33	459.85	460.34
3J	281+60.00	17.33	459.87	460.41
3K	281+70.00	17.33	459.87	460.47
3L	281+80.00	17.33	459.87	460.52
3M	281+90.00	17.33	459.87	460.54
3N	282+00.00	17.33	459.85	460.56
3O	282+10.00	17.33	459.83	460.55
3P	282+20.00	17.33	459.80	460.53
3Q	282+30.00	17.33	459.76	460.48
3R	282+40.00	17.33	459.71	460.42
3S	282+50.00	17.33	459.65	460.34
3T	282+60.00	17.33	459.59	460.25
3U	282+70.00	17.33	459.52	460.14
3V	282+80.00	17.33	459.44	460.01
3W	282+90.00	17.33	459.36	459.87
3X	283+00.00	17.33	459.26	459.72
3Y	283+10.00	17.33	459.16	459.55
3Z	283+20.00	17.33	459.05	459.38
3AA	283+30.00	17.33	458.93	459.20
3AB	283+40.00	17.33	458.81	459.01
3AC	283+50.00	17.33	458.67	458.82
3AD	283+60.00	17.33	458.53	458.63
3AE	283+70.00	17.33	458.38	458.44
3AF	283+80.00	17.33	458.23	458.25
Ⓞ Brg. Pier 3	283+90.00	17.33	458.06	458.06
4A	284+00.00	17.33	457.89	457.88
4B	284+10.00	17.33	457.71	457.69
4C	284+20.00	17.33	457.52	457.51
4D	284+30.00	17.33	457.33	457.32
4E	284+40.00	17.33	457.12	457.14
4F	284+50.00	17.33	456.91	456.95
4G	284+60.00	17.33	456.69	456.76
4H	284+70.00	17.33	456.46	456.57
4I	284+80.00	17.33	456.23	456.37
4J	284+90.00	17.33	455.99	456.16
4K	285+00.00	17.33	455.74	455.94
4L	285+10.00	17.33	455.48	455.71
4M	285+20.00	17.33	455.21	455.46
4N	285+30.00	17.33	454.94	455.19
4O	285+40.00	17.33	454.65	454.90
4P	285+50.00	17.33	454.36	454.60
4Q	285+60.00	17.33	454.07	454.28
4R	285+70.00	17.33	453.76	453.94
4S	285+80.00	17.33	453.45	453.58
4T	285+90.00	17.33	453.13	453.21
4U	286+00.00	17.33	452.80	452.83
Ⓞ Brg. S. Abut.	286+06.33	17.33	452.59	452.59
Bk. S. Abut.	286+10.00	17.33	452.46	452.46

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Ⓞ Brg. Pier 2	280+60.00	26.00	459.18	459.18
3A	280+70.00	26.00	459.26	459.30
3B	280+80.00	26.00	459.34	459.42
3C	280+90.00	26.00	459.41	459.53
3D	281+00.00	26.00	459.48	459.65
3E	281+10.00	26.00	459.53	459.77
3F	281+20.00	26.00	459.58	459.88
3G	281+30.00	26.00	459.62	459.98
3H	281+40.00	26.00	459.65	460.08
3I	281+50.00	26.00	459.67	460.16
3J	281+60.00	26.00	459.69	460.23
3K	281+70.00	26.00	459.69	460.29
3L	281+80.00	26.00	459.69	460.34
3M	281+90.00	26.00	459.69	460.36
3N	282+00.00	26.00	459.67	460.38
3O	282+10.00	26.00	459.65	460.37
3P	282+20.00	26.00	459.61	460.34
3Q	282+30.00	26.00	459.58	460.30
3R	282+40.00	26.00	459.53	460.24
3S	282+50.00	26.00	459.47	460.16
3T	282+60.00	26.00	459.41	460.07
3U	282+70.00	26.00	459.34	459.96
3V	282+80.00	26.00	459.26	459.83
3W	282+90.00	26.00	459.18	459.69
3X	283+00.00	26.00	459.08	459.54
3Y	283+10.00	26.00	458.98	459.37
3Z	283+20.00	26.00	458.87	459.20
3AA	283+30.00	26.00	458.75	459.02
3AB	283+40.00	26.00	458.63	458.83
3AC	283+50.00	26.00	458.49	458.64
3AD	283+60.00	26.00	458.35	458.45
3AE	283+70.00	26.00	458.20	458.26
3AF	283+80.00	26.00	458.05	458.07
Ⓞ Brg. Pier 3	283+90.00	26.00	457.88	457.88
4A	284+00.00	26.00	457.71	457.70
4B	284+10.00	26.00	457.53	457.51
4C	284+20.00	26.00	457.34	457.33
4D	284+30.00	26.00	457.15	457.14
4E	284+40.00	26.00	456.94	456.96
4F	284+50.00	26.00	456.73	456.77
4G	284+60.00	26.00	456.51	456.58
4H	284+70.00	26.00	456.28	456.39
4I	284+80.00	26.00	456.05	456.19
4J	284+90.00	26.00	455.81	455.98
4K	285+00.00	26.00	455.55	455.76
4L	285+10.00	26.00	455.30	455.53
4M	285+20.00	26.00	455.03	455.28
4N	285+30.00	26.00	454.76	455.01
4O	285+40.00	26.00	454.47	454.72
4P	285+50.00	26.00	454.18	454.42
4Q	285+60.00	26.00	453.89	454.10
4R	285+70.00	26.00	453.58	453.76
4S	285+80.00	26.00	453.27	453.40
4T	285+90.00	26.00	452.95	453.03
4U	286+00.00	26.00	452.62	452.65
Ⓞ Brg. S. Abut.	286+06.33	26.00	452.41	452.41
Bk. S. Abut.	286+10.00	26.00	452.28	452.28

TOP OF SLAB ELEVATIONS  
SPANS 3 AND 4  
STRUCTURE NO. 082-0038

DESIGNED	KAK
CHECKED	JJD
DRAWN	AJF
CHECKED	JJD

Note:  
All offsets based off Ⓞ Roadway. Negative offset denotes left of centerline, positive offset denotes right of centerline.

**HORNER & SHIFRIN, INC.**  
ENGINEERS

SHEET NO. 12 48 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	312	64-1VBR	ST. CLAIR	259	64
CONTRACT NO. 76882					
ILLINOIS FED. AID PROJECT					