

**BEAM 1**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+64.20	-4.54	647.50	647.52
☉ Brg. S. Abut.	469+65.49	-4.54	647.49	647.51
A	469+75.49	-4.54	647.47	647.50
B	469+85.49	-4.54	647.44	647.47
☉ S. Brg. Pier 1	469+99.24	-4.54	647.41	647.43
☉ Pier 1	470+00.24	-4.54	647.41	647.43
☉ N. Brg. Pier 1	470+01.24	-4.54	647.40	647.43
C	470+11.24	-4.54	647.38	647.43
D	470+21.24	-4.54	647.35	647.41
E	470+31.24	-4.54	647.33	647.39
F	470+41.24	-4.54	647.30	647.35
☉ S. Brg. Pier 2	470+49.74	-4.54	647.28	647.30
☉ Pier 2	470+50.74	-4.54	647.28	647.30
☉ N. Brg. Pier 2	470+51.74	-4.54	647.28	647.30
G	470+61.74	-4.54	647.25	647.28
H	470+71.74	-4.54	647.23	647.26
☉ Brg. N. Abut.	470+85.49	-4.54	647.19	647.21
Bk. of N. Abut.	470+86.78	-4.54	647.19	647.21

**P.G.L**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+65.41	0.00	647.59	647.61
☉ Brg. S. Abut.	469+66.71	0.00	647.58	647.60
A	469+76.71	0.00	647.56	647.59
B	469+86.71	0.00	647.53	647.56
☉ S. Brg. Pier 1	470+00.46	0.00	647.50	647.52
☉ Pier 1	470+01.46	0.00	647.50	647.52
☉ N. Brg. Pier 1	470+02.46	0.00	647.49	647.52
C	470+12.46	0.00	647.47	647.52
D	470+22.46	0.00	647.45	647.51
E	470+32.46	0.00	647.42	647.48
F	470+42.46	0.00	647.40	647.44
☉ S. Brg. Pier 2	470+50.96	0.00	647.37	647.40
☉ Pier 2	470+51.96	0.00	647.37	647.39
☉ N. Brg. Pier 2	470+52.96	0.00	647.37	647.39
G	470+62.96	0.00	647.34	647.37
H	470+72.96	0.00	647.32	647.35
☉ Brg. N. Abut.	470+86.71	0.00	647.29	647.31
Bk. of N. Abut.	470+88.00	0.00	647.28	647.30

**BEAM 2**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+66.18	2.88	647.63	647.65
☉ Brg. S. Abut.	469+67.48	2.88	647.63	647.65
A	469+77.48	2.88	647.60	647.63
B	469+87.48	2.88	647.58	647.61
☉ S. Brg. Pier 1	470+01.23	2.88	647.54	647.56
☉ Pier 1	470+02.23	2.88	647.54	647.56
☉ N. Brg. Pier 1	470+03.23	2.88	647.54	647.56
C	470+13.23	2.88	647.51	647.56
D	470+23.23	2.88	647.49	647.55
E	470+33.23	2.88	647.46	647.52
F	470+43.23	2.88	647.44	647.48
☉ S. Brg. Pier 2	470+51.73	2.88	647.42	647.44
☉ Pier 2	470+52.73	2.88	647.41	647.44
☉ N. Brg. Pier 2	470+53.73	2.88	647.41	647.43
G	470+63.73	2.88	647.39	647.42
H	470+73.73	2.88	647.36	647.39
☉ Brg. N. Abut.	470+87.48	2.88	647.33	647.35
Bk. of N. Abut.	470+88.77	2.88	647.32	647.35

**BEAM 3**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+68.17	10.29	647.74	647.76
☉ Brg. S. Abut.	469+69.46	10.29	647.74	647.76
A	469+79.46	10.29	647.71	647.74
B	469+89.46	10.29	647.69	647.72
☉ S. Brg. Pier 1	470+03.21	10.29	647.65	647.67
☉ Pier 1	470+04.21	10.29	647.65	647.67
☉ N. Brg. Pier 1	470+05.21	10.29	647.65	647.67
C	470+15.21	10.29	647.62	647.67
D	470+25.21	10.29	647.60	647.66
E	470+35.21	10.29	647.57	647.63
F	470+45.21	10.29	647.55	647.59
☉ S. Brg. Pier 2	470+53.71	10.29	647.53	647.55
☉ Pier 2	470+54.71	10.29	647.53	647.55
☉ N. Brg. Pier 2	470+55.71	10.29	647.52	647.54
G	470+65.71	10.29	647.50	647.53
H	470+75.71	10.29	647.47	647.50
☉ Brg. N. Abut.	470+89.46	10.29	647.44	647.46
Bk. of N. Abut.	470+90.76	10.29	647.44	647.46

**☉ N.B. US 51**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+68.63	12.00	647.77	647.79
☉ Brg. S. Abut.	469+69.92	12.00	647.76	647.78
A	469+79.92	12.00	647.74	647.77
B	469+89.92	12.00	647.71	647.74
☉ S. Brg. Pier 1	470+03.67	12.00	647.68	647.70
☉ Pier 1	470+04.67	12.00	647.68	647.70
☉ N. Brg. Pier 1	470+05.67	12.00	647.67	647.70
C	470+15.67	12.00	647.65	647.70
D	470+25.67	12.00	647.62	647.68
E	470+35.67	12.00	647.60	647.66
F	470+45.67	12.00	647.57	647.62
☉ S. Brg. Pier 2	470+54.17	12.00	647.55	647.58
☉ Pier 2	470+55.17	12.00	647.55	647.57
☉ N. Brg. Pier 2	470+56.17	12.00	647.55	647.57
G	470+66.17	12.00	647.52	647.55
H	470+76.17	12.00	647.50	647.53
☉ Brg. N. Abut.	470+89.92	12.00	647.46	647.49
Bk. of N. Abut.	470+91.21	12.00	647.46	647.48

**BEAM 4**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+70.16	17.71	647.67	647.69
☉ Brg. S. Abut.	469+71.45	17.71	647.67	647.69
A	469+81.45	17.71	647.65	647.67
B	469+91.45	17.71	647.62	647.65
☉ S. Brg. Pier 1	470+05.20	17.71	647.59	647.61
☉ Pier 1	470+06.20	17.71	647.58	647.60
☉ N. Brg. Pier 1	470+07.20	17.71	647.58	647.60
C	470+17.20	17.71	647.56	647.60
D	470+27.20	17.71	647.53	647.59
E	470+37.20	17.71	647.51	647.57
F	470+47.20	17.71	647.48	647.53
☉ S. Brg. Pier 2	470+55.70	17.71	647.46	647.48
☉ Pier 2	470+56.70	17.71	647.46	647.48
☉ N. Brg. Pier 2	470+57.70	17.71	647.46	647.48
G	470+67.70	17.71	647.43	647.46
H	470+77.70	17.71	647.41	647.44
☉ Brg. N. Abut.	470+91.45	17.71	647.37	647.39
Bk. of N. Abut.	470+92.74	17.71	647.37	647.39

**BEAM 5**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+72.15	25.13	647.55	647.57
☉ Brg. S. Abut.	469+73.44	25.13	647.54	647.56
A	469+83.44	25.13	647.52	647.55
B	469+93.44	25.13	647.49	647.52
☉ S. Brg. Pier 1	470+07.19	25.13	647.46	647.48
☉ Pier 1	470+08.19	25.13	647.46	647.48
☉ N. Brg. Pier 1	470+09.19	25.13	647.45	647.48
C	470+19.19	25.13	647.43	647.48
D	470+29.19	25.13	647.40	647.47
E	470+39.19	25.13	647.38	647.44
F	470+49.19	25.13	647.36	647.40
☉ S. Brg. Pier 2	470+57.69	25.13	647.33	647.36
☉ Pier 2	470+58.69	25.13	647.33	647.35
☉ N. Brg. Pier 2	470+59.69	25.13	647.33	647.35
G	470+69.69	25.13	647.30	647.33
H	470+79.69	25.13	647.28	647.31
☉ Brg. N. Abut.	470+93.44	25.13	647.24	647.27
Bk. of N. Abut.	470+94.73	25.13	647.24	647.26

**BEAM 6**

Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. of S. Abut.	469+74.13	32.54	647.39	647.41
☉ Brg. S. Abut.	469+75.43	32.54	647.38	647.41
A	469+85.43	32.54	647.36	647.39
B	469+95.43	32.54	647.33	647.36
☉ S. Brg. Pier 1	470+09.18	32.54	647.30	647.32
☉ Pier 1	470+10.18	32.54	647.30	647.32
☉ N. Brg. Pier 1	470+11.18	32.54	647.30	647.32
C	470+21.18	32.54	647.27	647.32
D	470+31.18	32.54	647.25	647.31
E	470+41.18	32.54	647.22	647.28
F	470+51.18	32.54	647.20	647.24
☉ S. Brg. Pier 2	470+59.68	32.54	647.17	647.20
☉ Pier 2	470+60.68	32.54	647.17	647.19
☉ N. Brg. Pier 2	470+61.68	32.54	647.17	647.19
G	470+71.68	32.54	647.14	647.17
H	470+81.68	32.54	647.12	647.15
☉ Brg. N. Abut.	470+95.43	32.54	647.09	647.11
Bk. of N. Abut.	470+96.72	32.54	647.08	647.10

Note:  
Offsets are measured from P.G.L.

(Sheet 2 of 2)



USER NAME =	DESIGNED - KMB	REVISED -
FILE NAME =	CHECKED - MTH	REVISED -
PLOT SCALE =	DRAWN - JMD	REVISED -
PLOT DATE =	CHECKED - MTH	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 011-0038**

SHEET NO. 4 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	180
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72961	