

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	-6.25	619.52	619.52
CL Brg. S. Abut.	1241+35.75	-6.25	619.49	619.49
A	1241+45.75	-6.25	619.25	619.26
B	1241+55.75	-6.25	619.01	619.02
C	1241+65.75	-6.25	618.77	618.77
CL Brg. Pier 1	1241+71.50	-6.25	618.64	618.64
D	1241+81.50	-6.25	618.40	618.41
E	1241+91.50	-6.25	618.16	618.18
F	1242+01.50	-6.25	617.92	617.94
G	1242+11.50	-6.25	617.68	617.69
CL Brg. Pier 2	1242+22.50	-6.25	617.42	617.42
H	1242+32.50	-6.25	617.18	617.18
I	1242+42.50	-6.25	616.94	616.95
J	1242+52.50	-6.25	616.70	616.70
CL Brg. N. Abut.	1242+58.25	-6.25	616.56	616.56
Back of North Abut.	1242+59.50	-6.25	616.53	616.53

**☉ ROADWAY, P.G. & BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	0.00	619.62	619.62
CL Brg. S. Abut.	1241+35.75	0.00	619.59	619.59
A	1241+45.75	0.00	619.35	619.36
B	1241+55.75	0.00	619.11	619.12
C	1241+65.75	0.00	618.87	618.87
CL Brg. Pier 1	1241+71.50	0.00	618.73	618.73
D	1241+81.50	0.00	618.49	618.51
E	1241+91.50	0.00	618.26	618.28
F	1242+01.50	0.00	618.02	618.04
G	1242+11.50	0.00	617.78	617.79
CL Brg. Pier 2	1242+22.50	0.00	617.51	617.51
H	1242+32.50	0.00	617.28	617.28
I	1242+42.50	0.00	617.04	617.04
J	1242+52.50	0.00	616.80	616.80
CL Brg. N. Abut.	1242+58.25	0.00	616.66	616.66
Back of North Abut.	1242+59.50	0.00	616.63	616.63

**STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	2.50	619.58	619.58
CL Brg. S. Abut.	1241+35.75	2.50	619.55	619.55
A	1241+45.75	2.50	619.31	619.32
B	1241+55.75	2.50	619.07	619.08
C	1241+65.75	2.50	618.83	618.83
CL Brg. Pier 1	1241+71.50	2.50	618.69	618.69
D	1241+81.50	2.50	618.46	618.47
E	1242+01.50	2.50	618.22	618.24
F	1242+01.50	2.50	617.98	618.00
G	1242+11.50	2.50	617.74	617.75
CL Brg. Pier 2	1242+22.50	2.50	617.48	617.48
H	1242+32.50	2.50	617.24	617.24
I	1242+42.50	2.50	617.00	617.00
J	1242+52.50	2.50	616.76	616.76
CL Brg. N. Abut.	1242+58.25	2.50	616.62	616.62
Back of North Abut.	1242+59.50	2.50	616.59	616.59

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	6.25	619.52	619.52
CL Brg. S. Abut.	1241+35.75	6.25	619.49	619.49
A	1241+45.75	6.25	619.25	619.26
B	1241+55.75	6.25	619.01	619.02
C	1241+65.75	6.25	618.77	618.77
CL Brg. Pier 1	1241+71.50	6.25	618.64	618.64
D	1241+81.50	6.25	618.40	618.41
E	1241+91.50	6.25	618.16	618.18
F	1242+01.50	6.25	617.92	617.94
G	1242+11.50	6.25	617.68	617.69
CL Brg. Pier 2	1242+22.50	6.25	617.42	617.42
H	1242+32.50	6.25	617.18	617.18
I	1242+42.50	6.25	616.94	616.95
J	1242+52.50	6.25	616.70	616.70
CL Brg. N. Abut.	1242+58.25	6.25	616.56	616.56
Back of North Abut.	1242+59.50	6.25	616.53	616.53

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	12.50	619.42	619.42
CL Brg. S. Abut.	1241+35.75	12.50	619.39	619.39
A	1241+45.75	12.50	619.15	619.16
B	1241+55.75	12.50	618.91	618.92
C	1241+65.75	12.50	618.67	618.67
CL Brg. Pier 1	1241+71.50	12.50	618.54	618.54
D	1241+81.50	12.50	618.30	618.31
E	1241+91.50	12.50	618.06	618.08
F	1242+01.50	12.50	617.82	617.84
G	1242+11.50	12.50	617.58	617.59
CL Brg. Pier 2	1242+22.50	12.50	617.32	617.32
H	1242+32.50	12.50	617.08	617.08
I	1242+42.50	12.50	616.84	616.85
J	1242+52.50	12.50	616.60	616.60
CL Brg. N. Abut.	1242+58.25	12.50	616.46	616.46
Back of North Abut.	1242+59.50	12.50	616.43	616.43

**BEAM 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of South Abut.	1241+34.50	18.75	619.29	619.29
CL Brg. S. Abut.	1241+35.75	18.75	619.26	619.26
A	1241+45.75	18.75	619.02	619.03
B	1241+55.75	18.75	618.78	618.79
C	1241+65.75	18.75	618.54	618.54
CL Brg. Pier 1	1241+71.50	18.75	618.41	618.41
D	1241+81.50	18.75	618.17	618.18
E	1241+91.50	18.75	617.93	617.95
F	1242+01.50	18.75	617.69	617.71
G	1242+11.50	18.75	617.45	617.46
CL Brg. Pier 2	1242+22.50	18.75	617.19	617.19
H	1242+32.50	18.75	616.95	616.95
I	1242+42.50	18.75	616.71	616.72
J	1242+52.50	18.75	616.47	616.47
CL Brg. N. Abut.	1242+58.25	18.75	616.33	616.33
Back of North Abut.	1242+59.50	18.75	616.30	616.30



DESIGNED - BAS
CHECKED - KEF
DRAWN - SGM
CHECKED - RJA/KEF

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 037-0175**

SHEET NO. 6 24 SHEETS	F.A.P. RTE. 638	SECTION 129 BR-3	COUNTY HENRY	TOTAL SHEETS 73	SHEET NO. 23
	CONTRACT NO. 64B08				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					