

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM B4

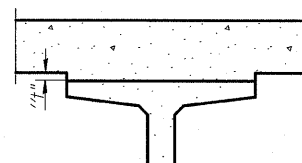
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3607+95.74	1.85	647.28	647.28
W. Abut.	3607+97.24	1.83	647.29	647.29
A	3608+07.28	1.74	647.34	647.34
B	3608+17.31	1.66	647.40	647.40
C	3608+27.35	1.59	647.45	647.45
D	3608+37.39	1.52	647.51	647.51
W. Brg.	3608+43.41	1.49	647.54	647.54
W. Pier 1	3608+44.41	1.48	647.54	647.54
E. Brg.	3608+45.42	1.48	647.55	647.55
E	3608+54.45	1.43	647.59	647.63
F	3608+64.49	1.39	647.64	647.71
G	3608+74.52	1.36	647.69	647.79
H	3608+84.56	1.33	647.74	647.86
I	3608+94.60	1.32	647.78	647.91
J	3609+04.64	1.31	647.83	647.97
K	3609+14.67	1.32	647.87	648.00
L	3609+24.71	1.33	647.92	648.04
M	3609+34.75	1.35	647.96	648.06
N	3609+44.79	1.38	648.00	648.08
O	3609+54.82	1.41	648.04	648.09
W. Brg.	3609+67.87	1.48	648.09	648.09
W. Pier 2	3609+68.87	1.48	648.09	648.09
E. Brg.	3609+69.88	1.49	648.09	648.09
P	3609+78.91	1.54	648.13	648.13
Q	3609+88.95	1.61	648.16	648.16
R	3609+98.98	1.68	648.19	648.19
S	3610+09.02	1.77	648.23	648.23
E. Abut.	3610+16.05	1.83	648.25	648.25
Bk. E. Abut.	3610+17.55	1.85	648.25	648.25

BEAM B5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3607+95.81	9.14	647.39	647.39
W. Abut.	3607+97.31	9.12	647.40	647.40
A	3608+07.34	9.03	647.45	647.45
B	3608+17.37	8.95	647.51	647.51
C	3608+27.40	8.88	647.56	647.56
D	3608+37.43	8.81	647.62	647.62
W. Brg.	3608+43.45	8.78	647.65	647.65
W. Pier 1	3608+44.45	8.77	647.65	647.65
E. Brg.	3608+45.46	8.77	647.66	647.66
E	3608+54.48	8.72	647.70	647.74
F	3608+64.51	8.68	647.75	647.82
G	3608+74.55	8.65	647.80	647.90
H	3608+84.58	8.63	647.85	647.97
I	3608+94.61	8.61	647.89	648.02
J	3609+04.64	8.61	647.94	648.08
K	3609+14.67	8.61	647.98	648.11
L	3609+24.70	8.62	648.03	648.15
M	3609+34.73	8.64	648.07	648.17
N	3609+44.76	8.67	648.11	648.19
O	3609+54.79	8.71	648.15	648.20
W. Brg.	3609+67.83	8.77	648.19	648.19
W. Pier 2	3609+68.83	8.77	648.20	648.20
E. Brg.	3609+69.84	8.78	648.20	648.20
P	3609+78.87	8.83	648.23	648.23
Q	3609+88.90	8.90	648.27	648.27
R	3609+98.93	8.97	648.30	648.30
S	3610+08.96	9.06	648.34	648.34
E. Abut.	3610+15.98	9.12	648.36	648.36
Bk. E. Abut.	3610+17.48	9.14	648.36	648.36

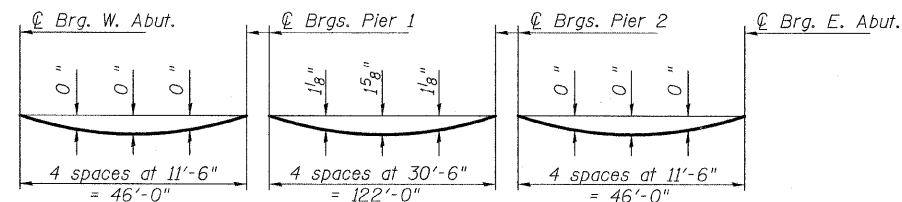
BEAM B6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	3607+95.88	16.43	647.50	647.50
W. Abut.	3607+97.38	16.41	647.51	647.51
A	3608+07.40	16.32	647.56	647.56
B	3608+17.43	16.24	647.62	647.62
C	3608+27.45	16.17	647.67	647.67
D	3608+37.48	16.10	647.72	647.72
W. Brg.	3608+43.49	16.07	647.76	647.76
W. Pier 1	3608+44.49	16.06	647.76	647.76
E. Brg.	3608+45.50	16.06	647.77	647.77
E	3608+54.52	16.01	647.81	647.85
F	3608+64.54	15.97	647.86	647.93
G	3608+74.57	15.94	647.91	648.01
H	3608+84.59	15.92	647.96	648.08
I	3608+94.61	15.90	648.00	648.13
J	3609+04.64	15.90	648.05	648.19
K	3609+14.66	15.90	648.09	648.22
L	3609+24.69	15.91	648.13	648.25
M	3609+34.71	15.93	648.18	648.28
N	3609+44.74	15.96	648.22	648.30
O	3609+54.76	16.00	648.25	648.30
W. Brg.	3609+67.79	16.06	648.30	648.30
W. Pier 2	3609+68.80	16.06	648.31	648.31
E. Brg.	3609+69.80	16.07	648.31	648.31
P	3609+78.82	16.12	648.34	648.34
Q	3609+88.84	16.19	648.38	648.38
R	3609+98.87	16.27	648.41	648.41
S	3610+08.89	16.35	648.44	648.44
E. Abut.	3610+15.91	16.41	648.47	648.47
Bk. E. Abut.	3610+17.41	16.43	648.47	648.47



To determine "1": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "1" above top flanges of beams.

FILLET HEIGHTS



DEAD LOAD DEFLECTION DIAGRAM

Note: (Includes weight of concrete, excluding beams).

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.

DESIGNED	IM
CHECKED	PDF
DRAWN	IM
CHECKED	PDF

TOP OF SLAB ELEVATIONS - II
STRUCTURE NO. 006-0175 (WB)

SHEET NO. 8	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	80	*	BUREAU	344	206
39 SHEETS	CONTRACT NO. 66908				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

TYLINTERNATIONAL