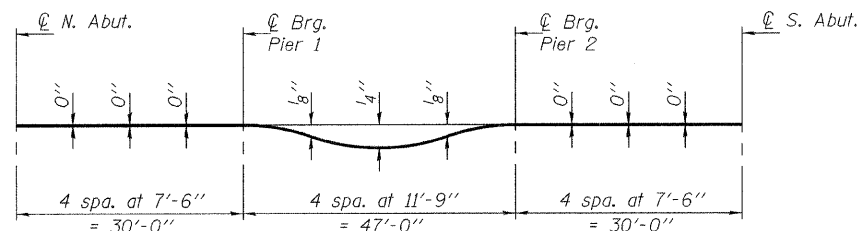


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note: 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.

FACE OF EAST CURB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL N. Abut	142166.43	-18.00	745.33	745.33
C	142176.43	-18.00	745.52	745.52
D	142186.43	-18.00	745.70	745.70
CL Brg. Pier 1	142196.43	-18.00	745.89	745.89
E	142206.43	-18.00	746.07	746.09
F	142216.43	-18.00	746.26	746.28
G	142226.43	-18.00	746.44	746.46
H	142236.43	-18.00	746.63	746.64
CL Brg. Pier 2	142243.43	-18.00	746.76	746.76
I	142253.43	-18.00	746.95	746.95
J	142263.43	-18.00	747.13	747.13
CL S. Abut	142273.43	-18.00	747.32	747.32

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL N. Abut	142166.43	-12.00	745.46	745.46
C	142176.43	-12.00	745.64	745.64
D	142186.43	-12.00	745.83	745.83
CL Brg. Pier 1	142196.43	-12.00	746.01	746.01
E	142206.43	-12.00	746.20	746.21
F	142216.43	-12.00	746.38	746.41
G	142226.43	-12.00	746.57	746.59
H	142236.43	-12.00	746.75	746.76
CL Brg. Pier 2	142243.43	-12.00	746.88	746.88
I	142253.43	-12.00	747.07	747.07
J	142263.43	-12.00	747.26	747.26
CL S. Abut	142273.43	-12.00	747.44	747.44

ROADWAY, PROFILE GRADE, & STAGE CONST. JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL N. Abut	142166.43	0.00	745.64	745.64
C	142176.43	0.00	745.83	745.83
D	142186.43	0.00	746.01	746.01
CL Brg. Pier 1	142196.43	0.00	746.20	746.20
E	142206.43	0.00	746.39	746.40
F	142216.43	0.00	746.57	746.59
G	142226.43	0.00	746.76	746.78
H	142236.43	0.00	746.94	746.95
CL Brg. Pier 2	142243.43	0.00	747.07	747.07
I	142253.43	0.00	747.26	747.26
J	142263.43	0.00	747.44	747.44
CL S. Abut	142273.43	0.00	747.63	747.63

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL N. Abut	142166.43	12.00	745.46	745.46
C	142176.43	12.00	745.64	745.64
D	142186.43	12.00	745.83	745.83
CL Brg. Pier 1	142196.43	12.00	746.01	746.01
E	142206.43	12.00	746.20	746.21
F	142216.43	12.00	746.38	746.41
G	142226.43	12.00	746.57	746.59
H	142236.43	12.00	746.75	746.76
CL Brg. Pier 2	142243.43	12.00	746.88	746.88
I	142253.43	12.00	747.07	747.07
J	142263.43	12.00	747.26	747.26
CL S. Abut	142273.43	12.00	747.44	747.44

FACE OF WEST CURB

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL N. Abut	142166.43	22.00	745.25	745.25
C	142176.43	22.00	745.43	745.43
D	142186.43	22.00	745.62	745.62
CL Brg. Pier 1	142196.43	22.00	745.80	745.80
E	142206.43	22.00	745.99	746.00
F	142216.43	22.00	746.18	746.20
G	142226.43	22.00	746.36	746.38
H	142236.43	22.00	746.55	746.56
CL Brg. Pier 2	142243.43	22.00	746.68	746.68
I	142253.43	22.00	746.86	746.86
J	142263.43	22.00	747.05	747.05
CL S. Abut	142273.43	22.00	747.23	747.23

DESIGNED	Nicholas R. Barnett
CHECKED	Michael D. Rolape
DRAWN	h.t. duong
CHECKED	NRB/MDR/GRA

September 29, 2009
 EXAMINED *Thomas J. Demagala*
 PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS (S.B.)
STRUCTURE NO. 037-0015 (S.B.)
STRUCTURE NO. 037-0016 (N.B.)

SHEET NO. 6	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	74	37-4HB	HENRY	148	42
30 SHEETS	CONTRACT NO. 64264				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					