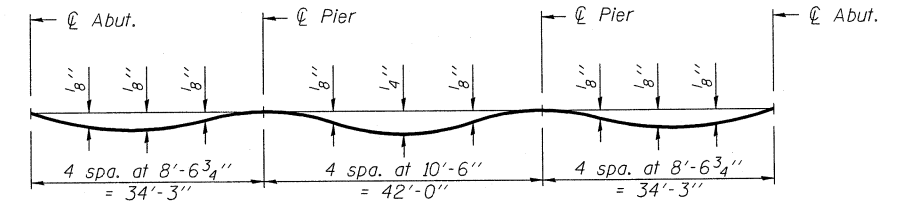
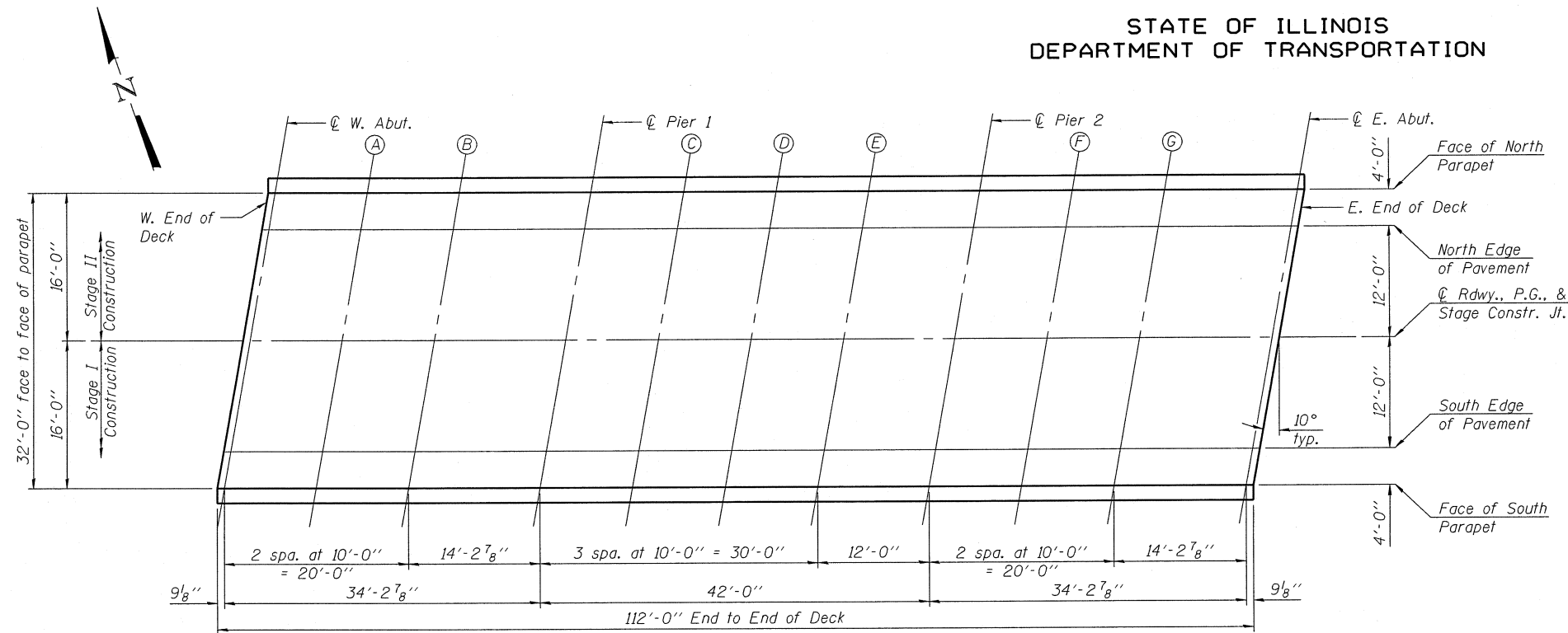


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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 and grinding as shown below.

PLAN

FACE OF NORTH PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
W. End of Deck	49+46.82	-16.00	711.23	711.25
℄ W. Abut.	49+47.58	-16.00	711.23	711.25
A	49+57.58	-16.00	711.23	711.26
B	49+67.58	-16.00	711.23	711.26
℄ Pier 1	49+81.82	-16.00	711.23	711.25
C	49+91.82	-16.00	711.23	711.26
D	50+01.82	-16.00	711.23	711.27
E	50+11.82	-16.00	711.23	711.26
℄ Pier 2	50+23.82	-16.00	711.23	711.25
F	50+33.82	-16.00	711.23	711.26
G	50+43.82	-16.00	711.23	711.26
℄ E. Abut.	50+58.06	-16.00	711.23	711.25
E. End of Deck	50+58.82	-16.00	711.23	711.25

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
W. End of Deck	49+46.12	-12.00	711.31	711.33
℄ W. Abut.	49+46.88	-12.00	711.31	711.33
A	49+56.88	-12.00	711.31	711.35
B	49+66.88	-12.00	711.31	711.35
℄ Pier 1	49+81.12	-12.00	711.31	711.33
C	49+91.12	-12.00	711.31	711.34
D	50+01.12	-12.00	711.31	711.35
E	50+11.12	-12.00	711.31	711.34
℄ Pier 2	50+23.12	-12.00	711.31	711.33
F	50+33.12	-12.00	711.31	711.34
G	50+43.12	-12.00	711.31	711.35
℄ E. Abut.	50+57.35	-12.00	711.31	711.33
E. End of Deck	50+58.12	-12.00	711.31	711.33

℄ RDWY., P.G., & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
W. End of Deck	49+44.00	0.00	711.50	711.52
℄ W. Abut.	49+44.76	0.00	711.50	711.52
A	49+54.76	0.00	711.50	711.53
B	49+64.76	0.00	711.50	711.53
℄ Pier 1	49+79.00	0.00	711.50	711.52
C	49+89.00	0.00	711.50	711.53
D	49+99.00	0.00	711.50	711.54
E	50+09.00	0.00	711.50	711.53
℄ Pier 2	50+21.00	0.00	711.50	711.52
F	50+31.00	0.00	711.50	711.53
G	50+41.00	0.00	711.50	711.54
℄ E. Abut.	50+55.24	0.00	711.50	711.52
E. End of Deck	50+56.00	0.00	711.50	711.52

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
W. End of Deck	49+41.88	12.00	711.31	711.33
℄ W. Abut.	49+42.65	12.00	711.31	711.33
A	49+52.65	12.00	711.31	711.35
B	49+62.65	12.00	711.31	711.35
℄ Pier 1	49+76.88	12.00	711.31	711.33
C	49+86.88	12.00	711.31	711.34
D	49+96.88	12.00	711.31	711.35
E	50+06.88	12.00	711.31	711.34
℄ Pier 2	50+18.88	12.00	711.31	711.33
F	50+28.88	12.00	711.31	711.34
G	50+38.88	12.00	711.31	711.35
℄ E. Abut.	50+53.12	12.00	711.31	711.33
E. End of Deck	50+53.88	12.00	711.31	711.33

FACE OF SOUTH PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
W. End of Deck	49+41.18	16.00	711.23	711.25
℄ W. Abut.	49+41.94	16.00	711.23	711.25
A	49+51.94	16.00	711.23	711.26
B	49+61.94	16.00	711.23	711.26
℄ Pier 1	49+76.18	16.00	711.23	711.25
C	49+86.18	16.00	711.23	711.26
D	49+96.18	16.00	711.23	711.27
E	50+06.18	16.00	711.23	711.26
℄ Pier 2	50+18.18	16.00	711.23	711.25
F	50+28.18	16.00	711.23	711.26
G	50+38.18	16.00	711.23	711.26
℄ E. Abut.	50+52.42	16.00	711.23	711.25
E. End of Deck	50+53.18	16.00	711.23	711.25

MAURER & STUTZ, INC.
ENGINEERS SURVEYORS

DESIGNED - BAS
CHECKED - KEF
DRAWN - SGM
CHECKED - BAS

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 074-0087**

SHEET NO. 4	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	11BR-1	PIATT	48	21
16 SHEETS	CONTRACT NO. 70613				
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					