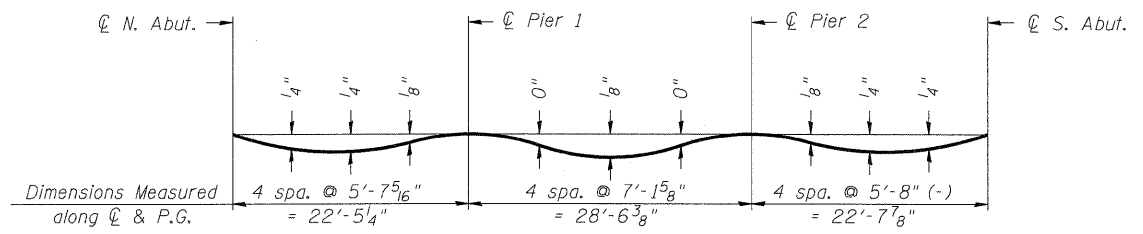


PLAN ← Z →



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.

EAST CURB LINE

Location	Station	Offset to C & P.G.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Deck	7+90.90	-16.417	722.68	722.68
C N. Abut.	7+91.72	-16.417	722.70	722.70
A	8+02.66	-16.417	722.92	722.94
C Pier 1	8+15.64	-16.417	723.14	723.14
B	8+26.86	-16.417	723.33	723.34
C	8+38.25	-16.417	723.52	723.53
C Pier 2	8+46.17	-16.417	723.65	723.65
D	8+57.90	-16.417	723.86	723.88
C S. Abut.	8+70.57	-16.417	724.07	724.07
S. End of Deck	8+71.48	-16.417	724.09	724.09

CENTERLINE AND PROFILE GRADE LINE

Location	Station	Offset to C & P.G.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Deck	7+87.17	0.000	723.09	723.09
C N. Abut.	7+87.94	0.000	723.11	723.11
A	7+98.21	0.000	723.35	723.37
C Pier 1	8+10.38	0.000	723.63	723.63
B	8+20.88	0.000	723.86	723.87
C	8+31.52	0.000	724.09	724.10
C Pier 2	8+38.91	0.000	724.23	724.23
D	8+49.83	0.000	724.45	724.47
C S. Abut.	8+61.56	0.000	724.66	724.66
S. End of Deck	8+62.40	0.000	724.68	724.68

WEST CURB LINE

Location	Station	Offset to C & P.G.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Deck	7+84.13	15.000	723.47	723.47
C N. Abut.	7+84.85	15.000	723.49	723.49
A	7+94.59	15.000	723.66	723.68
C Pier 1	8+06.10	15.000	724.03	724.03
B	8+16.03	15.000	724.23	724.24
C	8+26.07	15.000	724.47	724.48
C Pier 2	8+33.03	15.000	724.63	724.63
D	8+43.30	15.000	724.86	724.88
C S. Abut.	8+54.32	15.000	725.09	725.09
S. End of Deck	8+55.11	15.000	725.12	725.12

**TOP OF SLAB ELEVATIONS
CENTRAL AVENUE (FAU ROUTE 5102)
OVER KENT CREEK
SECTION NO. 09-00557-00-BR
CITY OF ROCKFORD
WINNEBAGO COUNTY
STRUCTURE NO. 101-6124**

DATE: 1/26/10

DESIGNED	KMA
CHECKED	RGD
DRAWN	WJH
CHECKED	RGD

FILE NAME: 090026-tos01.dgn
PLOT DRIVER: pdf.plt
PEN TABLE: standard-trans.tbl 1/26/2010

SEC GROUP, INC.
An HR Green Company
420 N. Front Street, McHenry, IL 60050
T. 815.365.1778 F. 815.365.1781
www.secgroupinc.com
McHenry, IL • Yorkville, IL • New Lenox, IL • Chicago, IL

SHEET NO. S-3	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5102	09-00557-00-BR	WINNEAGO	18	10
S-9 SHEETS			CONTRACT NO. 85508		
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT		BHM 5099 (081)