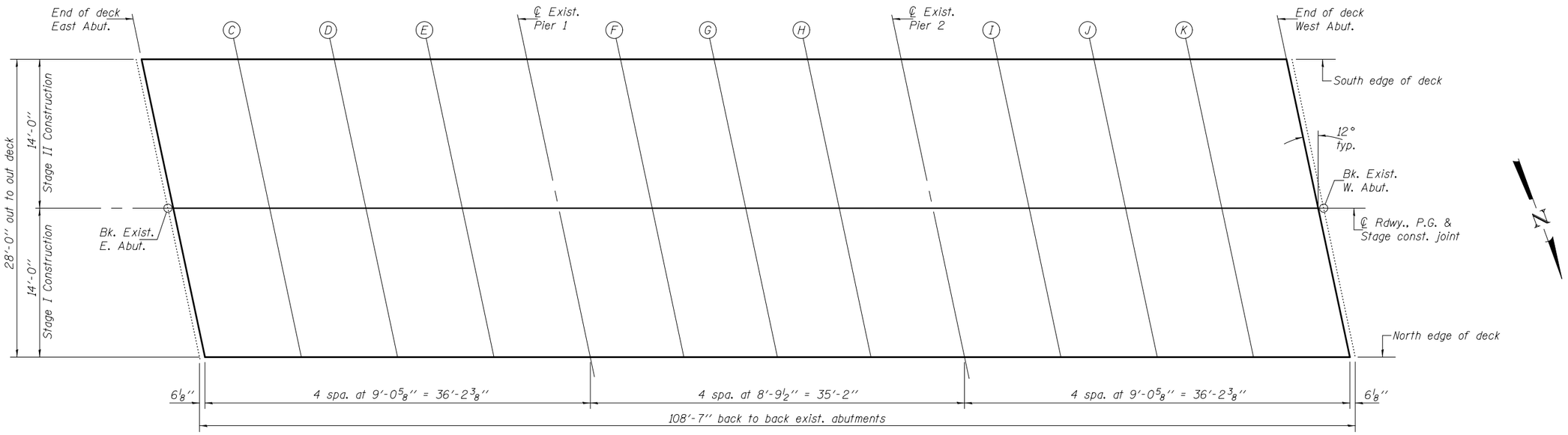
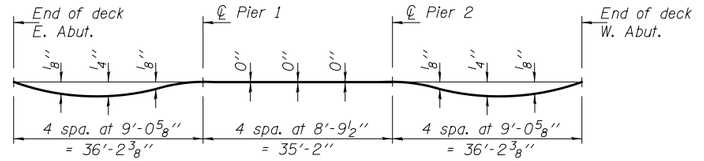


PLAN



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.

SOUTH EDGE OF DECK

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End of Deck E. Abut.	48+40.01	-14.00	618.54	618.54
C	48+49.06	-14.00	618.53	618.54
D	48+58.11	-14.00	618.52	618.54
E	48+67.16	-14.00	618.51	618.52
℄ Pier 1	48+76.21	-14.00	618.50	618.50
F	48+85.00	-14.00	618.50	618.50
G	48+93.79	-14.00	618.49	618.49
H	49+02.59	-14.00	618.48	618.48
℄ Pier 2	49+11.38	-14.00	618.47	618.47
I	49+20.43	-14.00	618.47	618.48
J	49+29.48	-14.00	618.46	618.48
K	49+38.53	-14.00	618.45	618.46
End of Deck W. Abut.	49+47.58	-14.00	618.44	618.44

℄ ROADWAY, P.G. & STAGE CONST. JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End of Deck E. Abut.	48+42.99	0.00	618.75	618.75
C	48+52.04	0.00	618.74	618.75
D	48+61.09	0.00	618.73	618.76
E	48+70.14	0.00	618.73	618.74
℄ Pier 1	48+79.19	0.00	618.72	618.72
F	48+87.98	0.00	618.71	618.71
G	48+96.77	0.00	618.70	618.70
H	49+05.56	0.00	618.70	618.70
℄ Pier 2	49+14.35	0.00	618.69	618.69
I	49+23.40	0.00	618.68	618.69
J	49+32.45	0.00	618.68	618.70
K	49+41.50	0.00	618.67	618.68
End of Deck W. Abut.	49+50.55	0.00	618.66	618.66

NORTH EDGE OF DECK

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End of Deck E. Abut.	48+45.96	14.00	618.53	618.53
C	48+55.01	14.00	618.52	618.53
D	48+64.06	14.00	618.51	618.53
E	48+73.11	14.00	618.51	618.52
℄ Pier 1	48+82.16	14.00	618.50	618.50
F	48+90.95	14.00	618.49	618.49
G	48+99.75	14.00	618.48	618.48
H	49+08.54	14.00	618.48	618.48
℄ Pier 2	49+17.33	14.00	618.47	618.47
I	49+26.38	14.00	618.46	618.47
J	49+35.43	14.00	618.45	618.47
K	49+44.48	14.00	618.45	618.46
End of Deck W. Abut.	49+53.53	14.00	618.42	618.42

DESIGNED - Paul S. Johnson	EXAMINED	DATE - OCTOBER 16, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF SLAB ELEVATIONS STRUCTURE NO. 053-0157	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - Zachary T. Bulva	ACTING ENGINEER OF BRIDGE DESIGN				370	(102BR)BR	LIVINGSTON	65	26
DRAWN - h.t. duong	PASSED	REVISED		SHEET NO. 5 OF 18 SHEETS			CONTRACT NO. 66A18		
CHECKED - PSJ/ZTB	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED					ILLINOIS FED. AID PROJECT		