

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
FAP 869	*	SALINE	71	34
SHEET NO. 5				
17 SHEETS				

CONTRACT NO. 98999 \* (05A)B-1

INSIDE FACE OF WEST PARAPET

WEST EDGE OF ROADWAY

STAGE CONSTRUCTION JOINT

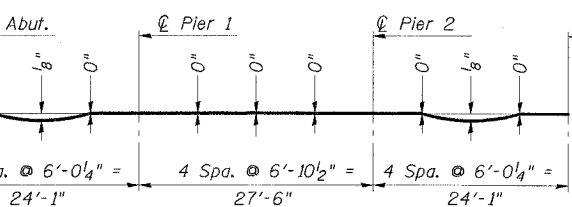
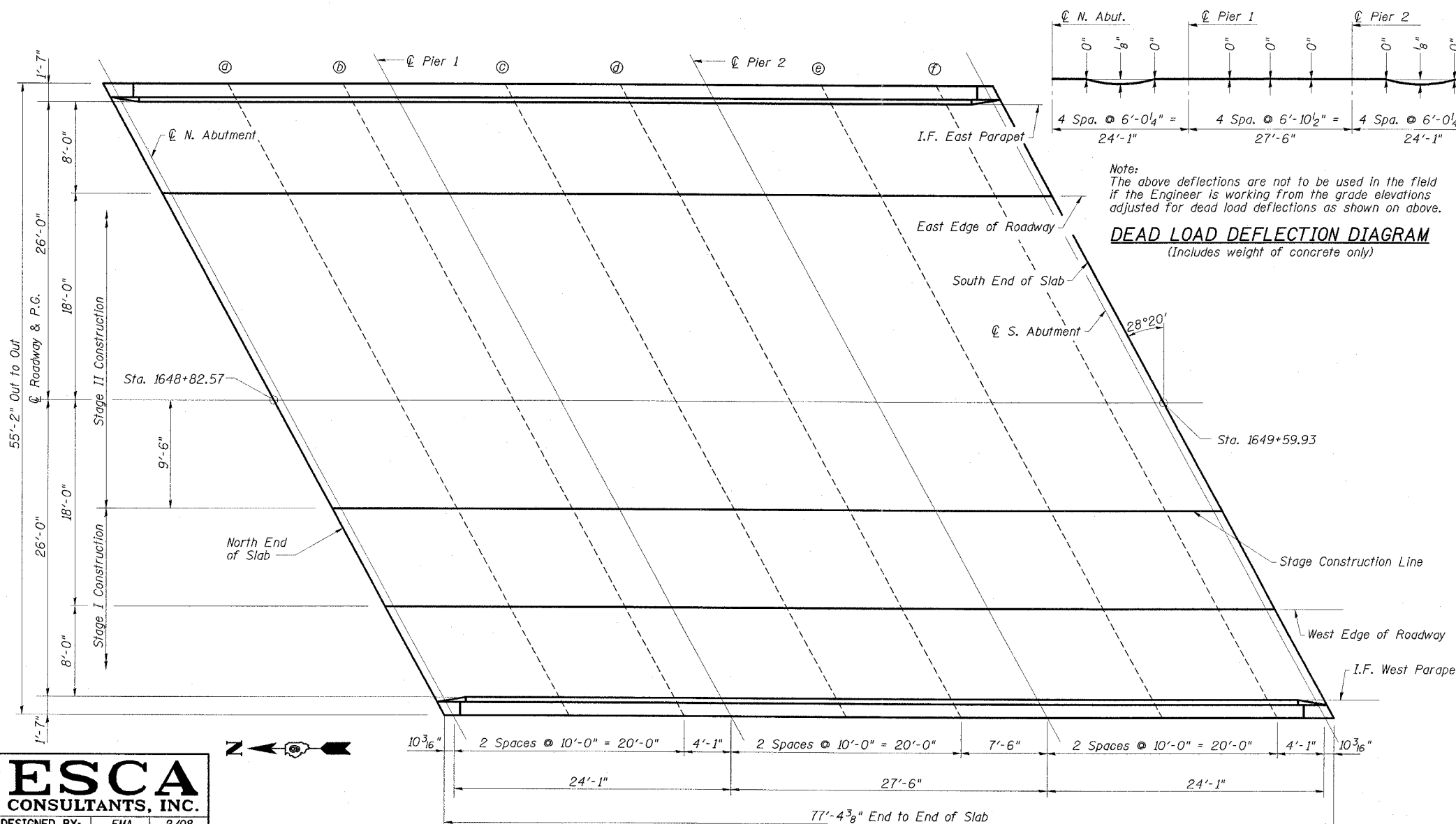
CL ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+96.59	+26.00	365.92	365.92
CL N. Abut.	1648+97.44	+26.00	365.92	365.92
a	1649+07.44	+26.00	365.90	365.91
b	1649+17.44	+26.00	365.88	365.88
CL Pier 1	1649+21.52	+26.00	365.87	365.87
c	1649+31.52	+26.00	365.85	365.86
d	1649+41.52	+26.00	365.84	365.84
CL Pier 2	1649+49.02	+26.00	365.82	365.82
e	1649+59.02	+26.00	365.81	365.81
f	1649+69.02	+26.00	365.79	365.79
CL S. Abut	1649+73.10	+26.00	365.78	365.78
S. End of Slab	1649+73.95	+26.00	365.78	365.78

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+92.27	+18.00	366.09	366.09
CL N. Abut.	1648+93.13	+18.00	366.09	366.09
a	1649+03.13	+18.00	366.07	366.08
b	1649+13.13	+18.00	366.05	366.06
CL Pier 1	1649+17.21	+18.00	366.05	366.05
c	1649+27.21	+18.00	366.03	366.03
d	1649+37.21	+18.00	366.01	366.01
CL Pier 2	1649+44.71	+18.00	366.00	366.00
e	1649+54.71	+18.00	365.98	365.99
f	1649+64.71	+18.00	365.96	365.97
CL S. Abut	1649+68.79	+18.00	365.95	365.95
S. End of Slab	1649+69.64	+18.00	365.95	365.95

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+87.69	+9.50	366.23	366.23
CL N. Abut.	1648+88.54	+9.50	366.23	366.23
a	1648+98.54	+9.50	366.21	366.22
b	1649+08.54	+9.50	366.20	366.20
CL Pier 1	1649+12.62	+9.50	366.19	366.19
c	1649+22.62	+9.50	366.17	366.17
d	1649+32.62	+9.50	366.15	366.15
CL Pier 2	1649+40.12	+9.50	366.14	366.14
e	1649+50.12	+9.50	366.12	366.13
f	1649+60.12	+9.50	366.10	366.11
CL S. Abut	1649+64.20	+9.50	366.10	366.10
S. End of Slab	1649+65.05	+9.50	366.09	366.09

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+82.57	0.00	366.39	366.39
CL N. Abut.	1648+83.42	0.00	366.39	366.39
a	1648+93.42	0.00	366.37	366.38
b	1649+03.42	0.00	366.35	366.36
CL Pier 1	1649+07.50	0.00	366.35	366.35
c	1649+17.50	0.00	366.33	366.33
d	1649+27.50	0.00	366.31	366.31
CL Pier 2	1649+35.00	0.00	366.30	366.30
e	1649+45.00	0.00	366.28	366.28
f	1649+55.00	0.00	366.26	366.27
CL S. Abut	1649+59.08	0.00	366.25	366.25
S. End of Slab	1649+59.93	0.00	366.25	366.25



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 on above.

**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete only)

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+72.86	-18.00	366.13	366.13
CL N. Abut.	1648+73.71	-18.00	366.13	366.13
a	1648+83.71	-18.00	366.11	366.12
b	1648+93.71	-18.00	366.09	366.09
CL Pier 1	1648+97.79	-18.00	366.08	366.08
c	1649+07.79	-18.00	366.06	366.07
d	1649+17.79	-18.00	366.05	366.05
CL Pier 2	1649+25.29	-18.00	366.03	366.03
e	1649+35.29	-18.00	366.01	366.02
f	1649+45.29	-18.00	366.00	366.00
CL S. Abut	1649+49.37	-18.00	365.99	365.99
S. End of Slab	1649+50.23	-18.00	365.99	365.99

INSIDE FACE OF EAST PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. End of Slab	1648+68.55	-26.00	365.97	365.97
CL N. Abut.	1648+69.40	-26.00	365.97	365.97
a	1648+79.40	-26.00	365.95	365.96
b	1648+89.40	-26.00	365.93	365.93
CL Pier 1	1648+93.48	-26.00	365.92	365.92
c	1649+03.48	-26.00	365.91	365.91
d	1649+13.48	-26.00	365.89	365.89
CL Pier 2	1649+20.98	-26.00	365.87	365.87
e	1649+30.98	-26.00	365.86	365.86
f	1649+40.98	-26.00	365.84	365.84
CL S. Abut	1649+45.06	-26.00	365.83	365.83
S. End of Slab	1649+45.91	-26.00	365.83	365.83

TOP OF SLAB ELEVATIONS  
IL 34 OVER  
WEST HARRISBURG DRAINAGE DITCH  
FAP ROUTE 869 - SECTION (105A)B-1  
SALINE COUNTY  
STATION 1649+21.50  
STRUCTURE NO. 083-0066

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	FMA	2/08
DRAWN BY:	DWH/oj	2/08
CHECKED BY:	RDP	2/08
APPROVED BY:	RDP	3/08