

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. 328	SECTION *	COUNTY CLAY	SHEET NO. 109	SHEET 82	SHEET NO. 5
FED. ROAD DIST. NO.					ILLINOIS
FED. AID PROJECT					(8BR-4)B-1
CONTRACT NO. 74107					
18 SHEETS					

INSIDE FACE OF WEST PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Slab	968+16.87	-20.00	430.65	430.65
☉ S. Abut.	968+17.74	-20.00	430.65	430.65
a	968+27.74	-20.00	430.65	430.66
b	968+37.74	-20.00	430.65	430.65
☉ Pier 1	968+47.55	-20.00	430.65	430.65
c	968+57.55	-20.00	430.65	430.66
d	968+67.55	-20.00	430.65	430.66
e	968+77.55	-20.00	430.65	430.66
☉ Pier 2	968+87.55	-20.00	430.65	430.65
f	968+97.55	-20.00	430.65	430.65
g	969+07.55	-20.00	430.65	430.66
☉ N. Abut	969+17.35	-20.00	430.65	430.65
N. End of Slab	969+18.22	-20.00	430.65	430.65

WEST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Slab	968+12.26	-12.00	430.81	430.81
☉ S. Abut.	968+13.12	-12.00	430.81	430.81
a	968+23.12	-12.00	430.81	430.82
b	968+33.12	-12.00	430.81	430.81
☉ Pier 1	968+42.93	-12.00	430.81	430.81
c	968+52.93	-12.00	430.81	430.82
d	968+62.93	-12.00	430.81	430.82
e	968+72.93	-12.00	430.81	430.82
☉ Pier 2	968+82.93	-12.00	430.81	430.81
f	968+92.93	-12.00	430.81	430.81
g	969+02.93	-12.00	430.81	430.82
☉ N. Abut	969+12.73	-12.00	430.81	430.81
N. End of Slab	969+13.60	-12.00	430.81	430.81

☉ ROADWAY, PROFILE GRADE & STAGE CONST. JT.

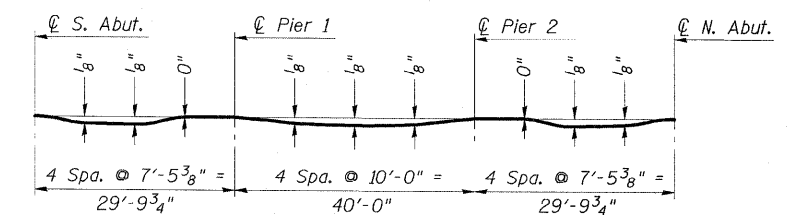
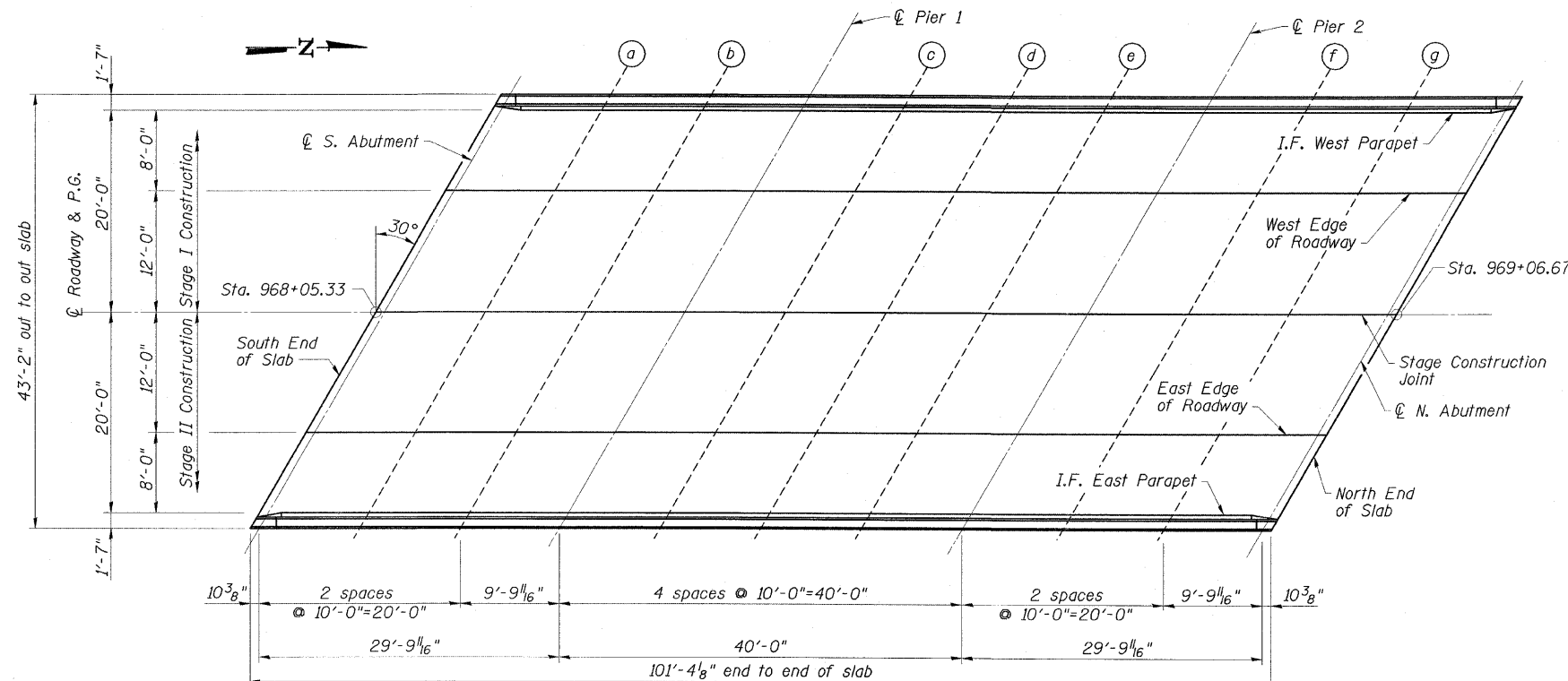
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Slab	968+05.33	0.00	431.00	431.00
☉ S. Abut.	968+06.19	0.00	431.00	431.00
a	968+16.19	0.00	431.00	431.01
b	968+26.19	0.00	431.00	431.00
☉ Pier 1	968+36.00	0.00	431.00	431.00
c	968+46.00	0.00	431.00	431.01
d	968+56.00	0.00	431.00	431.01
e	968+66.00	0.00	431.00	431.01
☉ Pier 2	968+76.00	0.00	431.00	431.00
f	968+86.00	0.00	431.00	431.00
g	968+96.00	0.00	431.00	431.01
☉ N. Abut	969+05.81	0.00	431.00	431.00
N. End of Slab	969+06.67	0.00	431.00	431.00

EAST EDGE OF ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Slab	967+98.40	12.00	430.81	430.81
☉ S. Abut.	967+99.27	12.00	430.81	430.81
a	968+09.27	12.00	430.81	430.82
b	968+19.27	12.00	430.81	430.81
☉ Pier 1	968+29.07	12.00	430.81	430.81
c	968+39.07	12.00	430.81	430.82
d	968+49.07	12.00	430.81	430.82
e	968+59.07	12.00	430.81	430.82
☉ Pier 2	968+69.07	12.00	430.81	430.81
f	968+79.07	12.00	430.81	430.81
g	968+89.07	12.00	430.81	430.82
☉ N. Abut	968+98.88	12.00	430.81	430.81
N. End of Slab	968+99.74	12.00	430.81	430.81

INSIDE FACE OF EAST PARAPET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Slab	967+93.78	20.00	430.65	430.65
☉ S. Abut.	967+94.65	20.00	430.65	430.65
a	968+04.65	20.00	430.65	430.66
b	968+14.65	20.00	430.65	430.65
☉ Pier 1	968+24.45	20.00	430.65	430.65
c	968+34.45	20.00	430.65	430.66
d	968+44.45	20.00	430.65	430.66
e	968+54.45	20.00	430.65	430.66
☉ Pier 2	968+64.45	20.00	430.65	430.65
f	968+74.45	20.00	430.65	430.65
g	968+84.45	20.00	430.65	430.66
☉ N. Abut	968+94.26	20.00	430.65	430.65
N. End of Slab	968+95.13	20.00	430.65	430.65



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 this sheet.

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

TOP OF SLAB ELEVATIONS  
US 45 OVER SEMINARY CREEK  
FAP ROUTE 328 - SECTION (8BR-4)B-1  
CLAY COUNTY  
STATION 968+56.00  
STRUCTURE NO. 013-0043

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	FMA	04/08
DRAWN BY:	DWH	04/08
CHECKED BY:	MTD	05/08
APPROVED BY:	RDP	08/08