

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAP 328	*	CLAY	61	27
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT - AID		
			CONTRACT NO. 74037 *6BR-2/B-1	

BEAM 1

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	-18.75	467.87	467.87
⊖ Brg. N. Abut.	1509+56.25	-18.75	467.87	467.87
a	1509+66.25	-18.75	467.89	467.91
b	1509+76.25	-18.75	467.90	467.93
c	1509+86.25	-18.75	467.91	467.92
d	1509+96.25	-18.75	467.91	467.91
⊖ Pier	1510+06.00	-18.75	467.90	467.90
e	1510+16.00	-18.75	467.89	467.93
f	1510+26.00	-18.75	467.88	467.96
g	1510+36.00	-18.75	467.86	467.97
h	1510+46.00	-18.75	467.84	467.95
i	1510+56.00	-18.75	467.81	467.89
⊖ Brg. S. Abut.	1510+69.75	-18.75	467.76	467.76
Bk. of S. Abut.	1510+71.00	-18.75	467.76	467.76

BEAM 2

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	-11.25	468.02	468.02
⊖ Brg. N. Abut.	1509+56.25	-11.25	468.03	468.03
a	1509+66.25	-11.25	468.04	468.06
b	1509+76.25	-11.25	468.05	468.08
c	1509+86.25	-11.25	468.06	468.07
d	1509+96.25	-11.25	468.06	468.06
⊖ Pier	1510+06.00	-11.25	468.06	468.06
e	1510+16.00	-11.25	468.05	468.08
f	1510+26.00	-11.25	468.03	468.11
g	1510+36.00	-11.25	468.01	468.12
h	1510+46.00	-11.25	467.99	468.10
i	1510+56.00	-11.25	467.96	468.04
⊖ Brg. S. Abut.	1510+69.75	-11.25	467.91	467.91
Bk. of S. Abut.	1510+71.00	-11.25	467.91	467.91

BEAM 3

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	-3.75	468.14	468.14
⊖ Brg. N. Abut.	1509+56.25	-3.75	468.14	468.14
a	1509+66.25	-3.75	468.16	468.18
b	1509+76.25	-3.75	468.17	468.20
c	1509+86.25	-3.75	468.18	468.19
d	1509+96.25	-3.75	468.18	468.18
⊖ Pier	1510+06.00	-3.75	468.17	468.17
e	1510+16.00	-3.75	468.16	468.20
f	1510+26.00	-3.75	468.15	468.23
g	1510+36.00	-3.75	468.13	468.24
h	1510+46.00	-3.75	468.11	468.22
i	1510+56.00	-3.75	468.08	468.16
⊖ Brg. S. Abut.	1510+69.75	-3.75	468.03	468.03
Bk. of S. Abut.	1510+71.00	-3.75	468.02	468.02

⊖ ROADWAY, P.G., & STAGE CONSTRUCTION LINE

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	0.00	468.20	468.20
⊖ Brg. N. Abut.	1509+56.25	0.00	468.20	468.20
a	1509+66.25	0.00	468.22	468.24
b	1509+76.25	0.00	468.23	468.25
c	1509+86.25	0.00	468.23	468.25
d	1509+96.25	0.00	468.24	468.23
⊖ Pier	1510+06.00	0.00	468.23	468.23
e	1510+16.00	0.00	468.22	468.26
f	1510+26.00	0.00	468.21	468.29
g	1510+36.00	0.00	468.19	468.30
h	1510+46.00	0.00	468.17	468.27
i	1510+56.00	0.00	468.14	468.22
⊖ Brg. S. Abut.	1510+69.75	0.00	468.09	468.09
Bk. of S. Abut.	1510+71.00	0.00	468.08	468.08

BEAM 4

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	3.75	468.14	468.14
⊖ Brg. N. Abut.	1509+56.25	3.75	468.14	468.14
a	1509+66.25	3.75	468.16	468.18
b	1509+76.25	3.75	468.17	468.20
c	1509+86.25	3.75	468.18	468.19
d	1509+96.25	3.75	468.18	468.18
⊖ Pier	1510+06.00	3.75	468.17	468.17
e	1510+16.00	3.75	468.16	468.20
f	1510+26.00	3.75	468.15	468.23
g	1510+36.00	3.75	468.13	468.24
h	1510+46.00	3.75	468.11	468.22
i	1510+56.00	3.75	468.08	468.16
⊖ Brg. S. Abut.	1510+69.75	3.75	468.03	468.03
Bk. of S. Abut.	1510+71.00	3.75	468.02	468.02

BEAM 5

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	11.25	468.02	468.02
⊖ Brg. N. Abut.	1509+56.25	11.25	468.03	468.03
a	1509+66.25	11.25	468.04	468.06
b	1509+76.25	11.25	468.05	468.08
c	1509+86.25	11.25	468.06	468.07
d	1509+96.25	11.25	468.06	468.06
⊖ Pier	1510+06.00	11.25	468.06	468.06
e	1510+16.00	11.25	468.05	468.08
f	1510+26.00	11.25	468.03	468.11
g	1510+36.00	11.25	468.01	468.12
h	1510+46.00	11.25	467.99	468.10
i	1510+56.00	11.25	467.96	468.04
⊖ Brg. S. Abut.	1510+69.75	11.25	467.91	467.91
Bk. of S. Abut.	1510+71.00	11.25	467.91	467.91

BEAM 6

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of N. Abut.	1509+55.00	18.75	467.87	467.87
⊖ Brg. N. Abut.	1509+56.25	18.75	467.87	467.87
a	1509+66.25	18.75	467.89	467.91
b	1509+76.25	18.75	467.90	467.93
c	1509+86.25	18.75	467.91	467.92
d	1509+96.25	18.75	467.91	467.91
⊖ Pier	1510+06.00	18.75	467.90	467.90
e	1510+16.00	18.75	467.89	467.93
f	1510+26.00	18.75	467.88	467.96
g	1510+36.00	18.75	467.86	467.97
h	1510+46.00	18.75	467.84	467.95
i	1510+56.00	18.75	467.81	467.89
⊖ Brg. S. Abut.	1510+69.75	18.75	467.76	467.76
Bk. of S. Abut.	1510+71.00	18.75	467.76	467.76

TOP OF SLAB ELEVATIONS

US ROUTE 45 OVER

BUCK CREEK

FAP RTE 328-SECTION (6BR-2)B-1

CLAY COUNTY

STATION 1510+13.00

STRUCTURE NO. 013-0041

ESCA
CONSULTANTS, INC.

DESIGNED BY:	ELH	01/07
DRAWN BY:	CJ	01/07
CHECKED BY:	ELH	01/07
APPROVED BY:	RDP	01/07