

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+67.76	-1.50	488.45	488.45
☉ Brg. N. Abut.	130+69.05	-1.50	488.46	488.46
A	130+79.05	-1.50	488.56	488.58
B	130+89.05	-1.50	488.66	488.69
C	130+99.05	-1.50	488.76	488.79
D	131+09.05	-1.50	488.86	488.89
E	131+19.05	-1.50	488.96	488.97
☉ Brg. Pier. Sp. 1	131+26.34	-1.50	489.03	489.03
☉ Pier	131+27.34	-1.50	489.04	489.04
☉ Brg. Pier Sp. 2	131+28.34	-1.50	489.05	489.05
F	131+38.34	-1.50	489.15	489.20
G	131+48.34	-1.50	489.25	489.34
H	131+58.34	-1.50	489.35	489.46
I	131+68.34	-1.50	489.45	489.57
J	131+78.34	-1.50	489.55	489.66
K	131+88.34	-1.50	489.65	489.73
L	131+98.34	-1.50	489.75	489.79
☉ Brg. S. Abut.	132+07.05	-1.50	489.84	489.84
Bk. S. Abut.	132+08.34	-1.50	489.85	489.85

☉ RDWY. & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+68.16	0.00	488.48	488.48
☉ Brg. N. Abut.	130+69.45	0.00	488.49	488.49
A	130+79.45	0.00	488.59	488.61
B	130+89.45	0.00	488.69	488.72
C	130+99.45	0.00	488.79	488.82
D	131+09.45	0.00	488.89	488.91
E	131+19.45	0.00	488.99	489.00
☉ Brg. Pier. Sp. 1	131+26.74	0.00	489.06	489.06
☉ Pier	131+27.74	0.00	489.07	489.07
☉ Brg. Pier Sp. 2	131+28.74	0.00	489.08	489.08
F	131+38.74	0.00	489.18	489.23
G	131+48.74	0.00	489.28	489.36
H	131+58.74	0.00	489.38	489.49
I	131+68.74	0.00	489.48	489.60
J	131+78.74	0.00	489.58	489.69
K	131+88.74	0.00	489.68	489.76
L	131+98.74	0.00	489.78	489.82
☉ Brg. S. Abut.	132+07.45	0.00	489.87	489.87
Bk. S. Abut.	132+08.74	0.00	489.88	489.88

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+69.05	3.33	488.43	488.43
☉ Brg. N. Abut.	130+70.34	3.33	488.45	488.45
A	130+80.34	3.33	488.55	488.56
B	130+90.34	3.33	488.65	488.67
C	131+00.34	3.33	488.75	488.78
D	131+10.34	3.33	488.85	488.87
E	131+20.34	3.33	488.95	488.96
☉ Brg. Pier. Sp. 1	131+27.63	3.33	489.02	489.02
☉ Pier	131+28.63	3.33	489.03	489.03
☉ Brg. Pier Sp. 2	131+29.63	3.33	489.04	489.04
F	131+39.63	3.33	489.14	489.18
G	131+49.63	3.33	489.24	489.32
H	131+59.63	3.33	489.34	489.44
I	131+69.63	3.33	489.44	489.55
J	131+79.63	3.33	489.54	489.64
K	131+89.63	3.33	489.64	489.72
L	131+99.63	3.33	489.74	489.78
☉ Brg. S. Abut.	132+08.34	3.33	489.83	489.83
Bk. S. Abut.	132+09.63	3.33	489.84	489.84


BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+70.84	10.00	488.35	488.35
☉ Brg. N. Abut.	130+72.13	10.00	488.36	488.36
A	130+82.13	10.00	488.46	488.48
B	130+92.13	10.00	488.56	488.59
C	131+02.13	10.00	488.66	488.69
D	131+12.13	10.00	488.76	488.78
E	131+22.13	10.00	488.86	488.87
☉ Brg. Pier. Sp. 1	131+29.42	10.00	488.93	488.93
☉ Pier	131+30.42	10.00	488.94	488.94
☉ Brg. Pier Sp. 2	131+31.42	10.00	488.95	488.95
F	131+41.42	10.00	489.05	489.10
G	131+51.42	10.00	489.15	489.23
H	131+61.42	10.00	489.25	489.36
I	131+71.42	10.00	489.35	489.47
J	131+81.42	10.00	489.45	489.56
K	131+91.42	10.00	489.55	489.63
L	132+01.42	10.00	489.65	489.69
☉ Brg. S. Abut.	132+10.13	10.00	489.74	489.74
Bk. S. Abut.	132+11.42	10.00	489.75	489.75

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	130+72.63	16.67	488.24	488.24
☉ Brg. N. Abut.	130+73.92	16.67	488.25	488.25
A	130+83.92	16.67	488.35	488.36
B	130+93.92	16.67	488.45	488.47
C	131+03.92	16.67	488.55	488.58
D	131+13.92	16.67	488.65	488.67
E	131+23.92	16.67	488.75	488.76
☉ Brg. Pier. Sp. 1	131+31.21	16.67	488.82	488.82
☉ Pier	131+32.21	16.67	488.83	488.83
☉ Brg. Pier Sp. 2	131+33.21	16.67	488.84	488.84
F	131+43.21	16.67	488.94	488.98
G	131+53.21	16.67	489.04	489.12
H	131+63.21	16.67	489.14	489.24
I	131+73.21	16.67	489.24	489.35
J	131+83.21	16.67	489.34	489.44
K	131+93.21	16.67	489.44	489.51
L	132+03.21	16.67	489.54	489.58
☉ Brg. S. Abut.	132+11.92	16.67	489.63	489.63
Bk. S. Abut.	132+13.21	16.67	489.64	489.64

DESIGNED	C.M.W.
CHECKED	J.S.A.
DRAWN	T.J.W.
CHECKED	C.M.W.



**HOELSCHER ENGINEERING**  
Fairview Heights, IL  
Springfield, IL  
Champaign, IL

TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 086-0505

SHEET NO. 6 of 26 SHEETS	F.A.P. RTE. 566	SECTION 1(B-2)	COUNTY SCOTT	TOTAL SHEETS 77	SHEET NO. 33
	CONTRACT NO. 72B91				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			