

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DISTRICTS	SHEET NO.	SHEET NO. 5 18 SHEETS
FAP 869	(10IVB) B-1	FRANKLIN	48	34	
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT		

Contract No. 98821

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	17641.02	3.33	443.70	443.70
CL West Abut.	17642.37	3.33	443.72	443.72
A	17652.37	3.33	443.92	443.92
B	17662.37	3.33	444.11	444.10
C	17672.37	3.33	444.29	444.28
CL Pier 1	17680.52	3.33	444.43	444.43
D	17690.52	3.33	444.60	444.64
E	17700.52	3.33	444.76	444.83
F	17710.52	3.33	444.91	445.00
G	17720.52	3.33	445.06	445.15
H	17730.52	3.33	445.19	445.27
I	17740.52	3.33	445.32	445.36
CL Pier 2	17751.52	3.33	445.46	445.46
J	17761.52	3.33	445.57	445.56
K	17771.52	3.33	445.68	445.68
L	17781.52	3.33	445.78	445.78
CL East Abut.	17789.67	3.33	445.86	445.86
Bk. East Abut.	17791.02	3.33	445.87	445.87

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	17638.29	10.00	443.54	443.54
CL West Abut.	17639.64	10.00	443.57	443.57
A	17649.64	10.00	443.76	443.76
B	17659.64	10.00	443.95	443.95
C	17669.64	10.00	444.14	444.13
CL Pier 1	17677.79	10.00	444.28	444.28
D	17687.79	10.00	444.45	444.49
E	17697.79	10.00	444.61	444.68
F	17707.79	10.00	444.77	444.86
G	17717.79	10.00	444.91	445.01
H	17727.79	10.00	445.05	445.13
I	17737.79	10.00	445.18	445.23
CL Pier 2	17748.79	10.00	445.32	445.32
J	17758.79	10.00	445.44	445.43
K	17768.79	10.00	445.55	445.54
L	17778.79	10.00	445.65	445.65
CL East Abut.	17786.94	10.00	445.73	445.73
Bk. East Abut.	17788.29	10.00	445.74	445.74

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	17635.56	16.67	443.36	443.36
CL West Abut.	17636.91	16.67	443.38	443.38
A	17646.91	16.67	443.58	443.58
B	17656.91	16.67	443.77	443.77
C	17666.91	16.67	443.96	443.95
CL Pier 1	17675.06	16.67	444.10	444.10
D	17685.06	16.67	444.28	444.31
E	17695.06	16.67	444.44	444.51
F	17705.06	16.67	444.60	444.69
G	17715.06	16.67	444.74	444.84
H	17725.06	16.67	444.89	444.96
I	17735.06	16.67	445.02	445.06
CL Pier 2	17746.06	16.67	445.16	445.16
J	17756.06	16.67	445.28	445.27
K	17766.06	16.67	445.39	445.39
L	17776.06	16.67	445.49	445.49
CL East Abut.	17784.21	16.67	445.57	445.57
Bk. East Abut.	17785.56	16.67	445.59	445.59

DESIGNED	Dewey H. Coultas
CHECKED	Ray Ahanchi
DRAWN	h.f. duong
CHECKED	DHC/GRA

Nov. 30, 2007
 EXAMINED *Thomas J. Donagale*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RTE. 869 - SEC. (10IVB)B-1
FRANKLIN COUNTY
STATION 177+17.38
STRUCTURE NO. 028-0077