

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7 25 SHEETS
FAP 789	54BR-1	MADISON	62	31	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #76864

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK of W. ABUT	27879.00	3.29	481.15	481.15
CL Brg W. ABUT	27880.25	3.29	481.16	481.16
A	27890.25	3.29	481.23	481.26
B	27900.25	3.29	481.30	481.35
C	27910.25	3.29	481.37	481.42
D	27920.25	3.29	481.44	481.48
E	27930.25	3.29	481.50	481.53
F	27940.25	3.29	481.55	481.57
CL Brg PIER 1	27950.00	3.29	481.61	481.61
G	27960.00	3.29	481.65	481.67
H	27970.00	3.29	481.70	481.72
I	27980.00	3.29	481.74	481.77
J	27990.00	3.29	481.77	481.81
K	28000.00	3.29	481.80	481.84
L	28010.00	3.29	481.83	481.86
M	28020.00	3.29	481.85	481.87
CL Brg PIER 2	28032.00	3.29	481.87	481.87
N	28042.00	3.29	481.89	481.90
O	28052.00	3.29	481.89	481.92
P	28062.00	3.29	481.90	481.93
Q	28072.00	3.29	481.90	481.94
R	28082.00	3.29	481.89	481.93
S	28092.00	3.29	481.88	481.91
T	28102.00	3.29	481.87	481.89
CL Brg PIER 3	28114.00	3.29	481.85	481.85
U	28124.00	3.29	481.83	481.84
V	28134.00	3.29	481.80	481.83
W	28144.00	3.29	481.77	481.80
X	28154.00	3.29	481.73	481.78
Y	28164.00	3.29	481.69	481.73
Z	28174.00	3.29	481.65	481.68
A1	28184.00	3.29	481.60	481.62
CL Brg PIER 4	28196.00	3.29	481.54	481.54
B1	28206.00	3.29	481.48	481.50
C1	28216.00	3.29	481.42	481.45
D1	28226.00	3.29	481.36	481.41
E1	28236.00	3.29	481.30	481.35
F1	28246.00	3.29	481.25	481.29
G1	28256.00	3.29	481.19	481.21
CL Brg E. ABUT	28265.75	3.29	481.13	481.13
BK of E. ABUT	28267.00	3.29	481.12	481.12

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK of W. ABUT	27879.00	9.87	481.05	481.05
CL Brg W. ABUT	27880.25	9.87	481.06	481.06
A	27890.25	9.87	481.13	481.15
B	27900.25	9.87	481.20	481.24
C	27910.25	9.87	481.27	481.32
D	27920.25	9.87	481.33	481.38
E	27930.25	9.87	481.39	481.42
F	27940.25	9.87	481.45	481.47
CL Brg PIER 1	27950.00	9.87	481.50	481.50
G	27960.00	9.87	481.55	481.56
H	27970.00	9.87	481.59	481.62
I	27980.00	9.87	481.63	481.67
J	27990.00	9.87	481.67	481.71
K	28000.00	9.87	481.70	481.74
L	28010.00	9.87	481.73	481.75
M	28020.00	9.87	481.75	481.76
CL Brg PIER 2	28032.00	9.87	481.77	481.77
N	28042.00	9.87	481.78	481.80
O	28052.00	9.87	481.79	481.82
P	28062.00	9.87	481.80	481.83
Q	28072.00	9.87	481.79	481.84
R	28082.00	9.87	481.79	481.83
S	28092.00	9.87	481.78	481.81
T	28102.00	9.87	481.77	481.78
CL Brg PIER 3	28114.00	9.87	481.75	481.75
U	28124.00	9.87	481.72	481.74
V	28134.00	9.87	481.70	481.72
W	28144.00	9.87	481.67	481.70
X	28154.00	9.87	481.63	481.68
Y	28164.00	9.87	481.59	481.63
Z	28174.00	9.87	481.55	481.57
A1	28184.00	9.87	481.50	481.51
CL Brg PIER 4	28196.00	9.87	481.44	481.44
B1	28206.00	9.87	481.38	481.39
C1	28216.00	9.87	481.32	481.35
D1	28226.00	9.87	481.26	481.30
E1	28236.00	9.87	481.20	481.25
F1	28246.00	9.87	481.14	481.19
G1	28256.00	9.87	481.08	481.11
CL Brg E. ABUT	28265.75	9.87	481.03	481.03
BK of E. ABUT	28267.00	9.87	481.02	481.02

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK of W. ABUT	27879.00	16.46	480.92	480.92
CL Brg W. ABUT	27880.25	16.46	480.93	480.93
A	27890.25	16.46	481.00	481.03
B	27900.25	16.46	481.07	481.12
C	27910.25	16.46	481.14	481.19
D	27920.25	16.46	481.21	481.25
E	27930.25	16.46	481.27	481.30
F	27940.25	16.46	481.32	481.34
CL Brg PIER 1	27950.00	16.46	481.38	481.38
G	27960.00	16.46	481.42	481.44
H	27970.00	16.46	481.47	481.49
I	27980.00	16.46	481.51	481.54
J	27990.00	16.46	481.54	481.59
K	28000.00	16.46	481.57	481.61
L	28010.00	16.46	481.60	481.63
M	28020.00	16.46	481.62	481.64
CL Brg PIER 2	28032.00	16.46	481.64	481.64
N	28042.00	16.46	481.66	481.67
O	28052.00	16.46	481.66	481.69
P	28062.00	16.46	481.67	481.70
Q	28072.00	16.46	481.67	481.71
R	28082.00	16.46	481.66	481.70
S	28092.00	16.46	481.65	481.68
T	28102.00	16.46	481.64	481.66
CL Brg PIER 3	28114.00	16.46	481.62	481.62
U	28124.00	16.46	481.60	481.61
V	28134.00	16.46	481.57	481.60
W	28144.00	16.46	481.54	481.57
X	28154.00	16.46	481.50	481.55
Y	28164.00	16.46	481.47	481.50
Z	28174.00	16.46	481.42	481.45
A1	28184.00	16.46	481.37	481.39
CL Brg PIER 4	28196.00	16.46	481.31	481.31
B1	28206.00	16.46	481.25	481.27
C1	28216.00	16.46	481.19	481.22
D1	28226.00	16.46	481.13	481.18
E1	28236.00	16.46	481.07	481.12
F1	28246.00	16.46	481.02	481.06
G1	28256.00	16.46	480.96	480.98
CL Brg E. ABUT	28265.75	16.46	480.90	480.90
BK of E. ABUT	28267.00	16.46	480.89	480.89

DESIGNED	Curt M. Evoy
CHECKED	Nick R. Barnett
DRAWN	h.t. duong
CHECKED	CME/NRB

Nov. 15, 2006
 EXAMINED *Thomas J. Demagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.P. RTE. 789 - SEC. 54BR-1
 MADISON COUNTY
 STATION 280+73
 STRUCTURE NO. 060-0340