

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 789	54BR-1	MADISON	62	30
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract #76864

SHEET NO. 6
25 SHEETS

BEAM 1

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

BEAM 2

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 3

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

ROADWAY, P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK of W. ABUT	27879.00	0.00	481.21	481.21
CL Brg W. ABUT	27880.25	0.00	481.21	481.21
A	27890.25	0.00	481.28	481.31
B	27900.25	0.00	481.35	481.40
C	27910.25	0.00	481.42	481.47
D	27920.25	0.00	481.49	481.53
E	27930.25	0.00	481.55	481.58
F	27940.25	0.00	481.61	481.62
CL Brg PIER 1	27950.00	0.00	481.66	481.66
G	27960.00	0.00	481.70	481.72
H	27970.00	0.00	481.75	481.77
I	27980.00	0.00	481.79	481.82
J	27990.00	0.00	481.82	481.87
K	28000.00	0.00	481.85	481.89
L	28010.00	0.00	481.88	481.91
M	28020.00	0.00	481.90	481.92
CL Brg PIER 2	28032.00	0.00	481.92	481.92
N	28042.00	0.00	481.94	481.95
O	28052.00	0.00	481.95	481.97
P	28062.00	0.00	481.95	481.99
Q	28072.00	0.00	481.95	482.00
R	28082.00	0.00	481.94	481.98
S	28092.00	0.00	481.94	481.97
T	28102.00	0.00	481.92	481.94
CL Brg PIER 3	28114.00	0.00	481.90	481.90
U	28124.00	0.00	481.88	481.89
V	28134.00	0.00	481.85	481.88
W	28144.00	0.00	481.82	481.86
X	28154.00	0.00	481.79	481.83
Y	28164.00	0.00	481.75	481.78
Z	28174.00	0.00	481.70	481.73
A1	28184.00	0.00	481.65	481.67
CL Brg PIER 4	28196.00	0.00	481.59	481.59
B1	28206.00	0.00	481.53	481.55
C1	28216.00	0.00	481.47	481.50
D1	28226.00	0.00	481.41	481.46
E1	28236.00	0.00	481.36	481.40
F1	28246.00	0.00	481.30	481.34
G1	28256.00	0.00	481.24	481.26
CL Brg E. ABUT	28265.75	0.00	481.18	481.18
BK of E. ABUT	28267.00	0.00	481.17	481.17

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

EXAMINED	Thomas J. Damagala	Nov. 15, 2006
PASSED	Ralph E. Anderson	

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