

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
FAP 785	134-IBR-2	MADISON	27	56	23 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #76902

GIRDER 1

GIRDER 2

GIRDER 3

RDWY., P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	62245.00	-18.75	479.67	479.67
☉ Brg. W. Abut	62246.25	-18.75	479.68	479.68
A	62256.25	-18.75	479.76	479.77
B	62266.25	-18.75	479.84	479.85
C	62276.25	-18.75	479.92	479.93
D	62286.25	-18.75	480.00	480.00
E	62296.25	-18.75	480.08	480.07
F	62306.25	-18.75	480.16	480.14
G	62316.25	-18.75	480.23	480.22
☉ Brg. Pier 1	62325.00	-18.75	480.28	480.28
H	62335.00	-18.75	480.34	480.37
I	62345.00	-18.75	480.38	480.46
J	62355.00	-18.75	480.41	480.53
K	62365.00	-18.75	480.44	480.58
L	62375.00	-18.75	480.46	480.63
M	62385.00	-18.75	480.47	480.66
N	62395.00	-18.75	480.47	480.66
O	62405.00	-18.75	480.46	480.63
P	62415.00	-18.75	480.44	480.58
Q	62425.00	-18.75	480.41	480.53
R	62435.00	-18.75	480.38	480.46
S	62445.00	-18.75	480.34	480.37
☉ Brg. Pier 2	62455.00	-18.75	480.28	480.28
T	62465.00	-18.75	480.22	480.21
U	62475.00	-18.75	480.15	480.13
V	62485.00	-18.75	480.07	480.06
W	62495.00	-18.75	479.99	479.99
X	62505.00	-18.75	479.91	479.92
Y	62515.00	-18.75	479.83	479.84
Z	62525.00	-18.75	479.75	479.76
☉ Brg. E. Abut	62533.75	-18.75	479.68	479.68
Bk. E. Abut	62535.00	-18.75	479.67	479.67

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	62245.00	-11.25	479.82	479.82
☉ Brg. W. Abut	62246.25	-11.25	479.83	479.83
A	62256.25	-11.25	479.91	479.92
B	62266.25	-11.25	479.99	480.00
C	62276.25	-11.25	480.07	480.08
D	62286.25	-11.25	480.15	480.15
E	62296.25	-11.25	480.23	480.23
F	62306.25	-11.25	480.31	480.30
G	62316.25	-11.25	480.38	480.37
☉ Brg. Pier 1	62325.00	-11.25	480.43	480.43
H	62335.00	-11.25	480.49	480.53
I	62345.00	-11.25	480.53	480.61
J	62355.00	-11.25	480.57	480.68
K	62365.00	-11.25	480.59	480.74
L	62375.00	-11.25	480.61	480.78
M	62385.00	-11.25	480.62	480.81
N	62395.00	-11.25	480.62	480.81
O	62405.00	-11.25	480.61	480.78
P	62415.00	-11.25	480.59	480.74
Q	62425.00	-11.25	480.57	480.68
R	62435.00	-11.25	480.53	480.61
S	62445.00	-11.25	480.49	480.53
☉ Brg. Pier 2	62455.00	-11.25	480.43	480.43
T	62465.00	-11.25	480.37	480.36
U	62475.00	-11.25	480.30	480.29
V	62485.00	-11.25	480.22	480.22
W	62495.00	-11.25	480.14	480.14
X	62505.00	-11.25	480.06	480.07
Y	62515.00	-11.25	479.98	479.99
Z	62525.00	-11.25	479.90	479.91
☉ Brg. E. Abut	62533.75	-11.25	479.83	479.83
Bk. E. Abut	62535.00	-11.25	479.82	479.82

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	62245.00	-3.75	479.94	479.94
☉ Brg. W. Abut	62246.25	-3.75	479.95	479.95
A	62256.25	-3.75	480.03	480.04
B	62266.25	-3.75	480.11	480.12
C	62276.25	-3.75	480.19	480.20
D	62286.25	-3.75	480.27	480.27
E	62296.25	-3.75	480.35	480.34
F	62306.25	-3.75	480.43	480.41
G	62316.25	-3.75	480.50	480.49
☉ Brg. Pier 1	62325.00	-3.75	480.55	480.55
H	62335.00	-3.75	480.60	480.64
I	62345.00	-3.75	480.65	480.73
J	62355.00	-3.75	480.68	480.80
K	62365.00	-3.75	480.71	480.85
L	62375.00	-3.75	480.73	480.90
M	62385.00	-3.75	480.74	480.93
N	62395.00	-3.75	480.74	480.93
O	62405.00	-3.75	480.73	480.90
P	62415.00	-3.75	480.71	480.85
Q	62425.00	-3.75	480.68	480.80
R	62435.00	-3.75	480.65	480.73
S	62445.00	-3.75	480.60	480.64
☉ Brg. Pier 2	62455.00	-3.75	480.55	480.55
T	62465.00	-3.75	480.49	480.48
U	62475.00	-3.75	480.42	480.40
V	62485.00	-3.75	480.34	480.33
W	62495.00	-3.75	480.26	480.26
X	62505.00	-3.75	480.18	480.19
Y	62515.00	-3.75	480.10	480.11
Z	62525.00	-3.75	480.02	480.03
☉ Brg. E. Abut	62533.75	-3.75	479.95	479.95
Bk. E. Abut	62535.00	-3.75	479.94	479.94

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	62245.00	0.00	480.00	480.00
☉ Brg. W. Abut	62246.25	0.00	480.01	480.01
A	62256.25	0.00	480.09	480.10
B	62266.25	0.00	480.17	480.18
C	62276.25	0.00	480.25	480.26
D	62286.25	0.00	480.33	480.33
E	62296.25	0.00	480.41	480.40
F	62306.25	0.00	480.49	480.47
G	62316.25	0.00	480.56	480.55
☉ Brg. Pier 1	62325.00	0.00	480.61	480.61
H	62335.00	0.00	480.66	480.70
I	62345.00	0.00	480.71	480.78
J	62355.00	0.00	480.74	480.86
K	62365.00	0.00	480.77	480.91
L	62375.00	0.00	480.79	480.95
M	62385.00	0.00	480.79	480.99
N	62395.00	0.00	480.79	480.99
O	62405.00	0.00	480.79	480.95
P	62415.00	0.00	480.77	480.91
Q	62425.00	0.00	480.74	480.86
R	62435.00	0.00	480.71	480.78
S	62445.00	0.00	480.66	480.70
☉ Brg. Pier 2	62455.00	0.00	480.61	480.61
T	62465.00	0.00	480.55	480.54
U	62475.00	0.00	480.48	480.46
V	62485.00	0.00	480.40	480.39
W	62495.00	0.00	480.32	480.32
X	62505.00	0.00	480.24	480.25
Y	62515.00	0.00	480.16	480.17
Z	62525.00	0.00	480.08	480.08
☉ Brg. E. Abut	62533.75	0.00	480.01	480.01
Bk. E. Abut	62535.00	0.00	480.00	480.00

DESIGNED	R.L. Tharp
CHECKED	N.R. Barnett
DRAWN	h.t. duong
CHECKED	RLT/NRB

April 9, 2007  
 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. 785 - SEC. 134-IBR-2**  
**MADISON COUNTY**  
**STATION 623+90.00**  
**STRUCTURE NO. 060-0240**

E-S

10-22-04