

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	37-IHBR-1	HENRY	135	67
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #64602

18 SHEETS

**GIRDER 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	-14.79	631.07	631.07
⊙ Brg. W. Abut.	5072.15	-14.79	631.08	631.08
A	5082.15	-14.79	631.19	631.23
B	5092.15	-14.79	631.28	631.37
C	5102.15	-14.79	631.37	631.48
D	5112.15	-14.79	631.45	631.57
E	5122.15	-14.79	631.52	631.65
F	5132.15	-14.79	631.59	631.69
G	5142.15	-14.79	631.64	631.71
H	5152.15	-14.79	631.69	631.73
I	5162.15	-14.79	631.72	631.75
⊙ Brg. Pier	5173.90	-14.79	631.76	631.76
J	5183.90	-14.79	631.78	631.80
K	5193.90	-14.79	631.79	631.83
L	5203.90	-14.79	631.79	631.86
M	5213.90	-14.79	631.78	631.88
N	5223.90	-14.79	631.77	631.89
O	5233.90	-14.79	631.74	631.86
P	5243.90	-14.79	631.71	631.82
Q	5253.90	-14.79	631.67	631.76
R	5263.90	-14.79	631.62	631.67
⊙ Brg. E. Abut.	5275.65	-14.79	631.55	631.55
Bk. E. Abut.	5276.90	-14.79	631.55	631.55

**GIRDER 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	-8.88	631.17	631.17
⊙ Brg. W. Abut.	5072.15	-8.88	631.19	631.19
A	5082.15	-8.88	631.29	631.34
B	5092.15	-8.88	631.39	631.48
C	5102.15	-8.88	631.48	631.59
D	5112.15	-8.88	631.56	631.68
E	5122.15	-8.88	631.63	631.75
F	5132.15	-8.88	631.69	631.79
G	5142.15	-8.88	631.75	631.82
H	5152.15	-8.88	631.79	631.84
I	5162.15	-8.88	631.83	631.86
⊙ Brg. Pier	5173.90	-8.88	631.86	631.86
J	5183.90	-8.88	631.88	631.90
K	5193.90	-8.88	631.89	631.94
L	5203.90	-8.88	631.90	631.96
M	5213.90	-8.88	631.89	631.98
N	5223.90	-8.88	631.87	632.00
O	5233.90	-8.88	631.85	631.97
P	5243.90	-8.88	631.82	631.93
Q	5253.90	-8.88	631.78	631.87
R	5263.90	-8.88	631.73	631.78
⊙ Brg. E. Abut.	5275.65	-8.88	631.66	631.66
Bk. E. Abut.	5276.90	-8.88	631.65	631.65

**GIRDER 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	-2.96	631.27	631.27
⊙ Brg. W. Abut.	5072.15	-2.96	631.28	631.28
A	5082.15	-2.96	631.39	631.43
B	5092.15	-2.96	631.48	631.57
C	5102.15	-2.96	631.57	631.68
D	5112.15	-2.96	631.65	631.77
E	5122.15	-2.96	631.72	631.85
F	5132.15	-2.96	631.79	631.89
G	5142.15	-2.96	631.84	631.91
H	5152.15	-2.96	631.89	631.93
I	5162.15	-2.96	631.92	631.95
⊙ Brg. Pier	5173.90	-2.96	631.96	631.96
J	5183.90	-2.96	631.98	632.00
K	5193.90	-2.96	631.99	632.03
L	5203.90	-2.96	631.99	632.06
M	5213.90	-2.96	631.98	632.08
N	5223.90	-2.96	631.97	632.09
O	5233.90	-2.96	631.94	632.06
P	5243.90	-2.96	631.91	632.02
Q	5253.90	-2.96	631.87	631.96
R	5263.90	-2.96	631.82	631.87
⊙ Brg. E. Abut.	5275.65	-2.96	631.75	631.75
Bk. E. Abut.	5276.90	-2.96	631.74	631.74

**⊙ ROADWAY & P.G.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	0.00	631.31	631.31
⊙ Brg. W. Abut.	5072.15	0.00	631.33	631.33
A	5082.15	0.00	631.43	631.47
B	5092.15	0.00	631.53	631.61
C	5102.15	0.00	631.62	631.73
D	5112.15	0.00	631.70	631.82
E	5122.15	0.00	631.77	631.89
F	5132.15	0.00	631.83	631.93
G	5142.15	0.00	631.89	631.96
H	5152.15	0.00	631.93	631.98
I	5162.15	0.00	631.97	632.00
⊙ Brg. Pier	5173.90	0.00	632.00	632.00
J	5183.90	0.00	632.02	632.04
K	5193.90	0.00	632.03	632.08
L	5203.90	0.00	632.03	632.10
M	5213.90	0.00	632.03	632.12
N	5223.90	0.00	632.01	632.14
O	5233.90	0.00	631.99	632.11
P	5243.90	0.00	631.96	632.07
Q	5253.90	0.00	631.92	632.01
R	5263.90	0.00	631.87	631.92
⊙ Brg. E. Abut.	5275.65	0.00	631.80	631.80
Bk. E. Abut.	5276.90	0.00	631.79	631.79

**GIRDER 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	2.96	631.27	631.27
⊙ Brg. W. Abut.	5072.15	2.96	631.28	631.28
A	5082.15	2.96	631.39	631.43
B	5092.15	2.96	631.48	631.57
C	5102.15	2.96	631.57	631.68
D	5112.15	2.96	631.65	631.77
E	5122.15	2.96	631.72	631.85
F	5132.15	2.96	631.79	631.89
G	5142.15	2.96	631.84	631.91
H	5152.15	2.96	631.89	631.93
I	5162.15	2.96	631.92	631.95
⊙ Brg. Pier	5173.90	2.96	631.96	631.96
J	5183.90	2.96	631.98	632.00
K	5193.90	2.96	631.99	632.03
L	5203.90	2.96	631.99	632.06
M	5213.90	2.96	631.98	632.08
N	5223.90	2.96	631.97	632.09
O	5233.90	2.96	631.94	632.06
P	5243.90	2.96	631.91	632.02
Q	5253.90	2.96	631.87	631.96
R	5263.90	2.96	631.82	631.87
⊙ Brg. E. Abut.	5275.65	2.96	631.75	631.75
Bk. E. Abut.	5276.90	2.96	631.74	631.74

**GIRDER 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	8.88	631.17	631.17
⊙ Brg. W. Abut.	5072.15	8.88	631.19	631.19
A	5082.15	8.88	631.29	631.34
B	5092.15	8.88	631.39	631.48
C	5102.15	8.88	631.48	631.59
D	5112.15	8.88	631.56	631.68
E	5122.15	8.88	631.63	631.75
F	5132.15	8.88	631.69	631.79
G	5142.15	8.88	631.75	631.82
H	5152.15	8.88	631.79	631.84
I	5162.15	8.88	631.83	631.86
⊙ Brg. Pier	5173.90	8.88	631.86	631.86
J	5183.90	8.88	631.88	631.90
K	5193.90	8.88	631.89	631.94
L	5203.90	8.88	631.90	631.96
M	5213.90	8.88	631.89	631.98
N	5223.90	8.88	631.87	632.00
O	5233.90	8.88	631.85	631.97
P	5243.90	8.88	631.82	631.93
Q	5253.90	8.88	631.78	631.87
R	5263.90	8.88	631.73	631.78
⊙ Brg. E. Abut.	5275.65	8.88	631.66	631.66
Bk. E. Abut.	5276.90	8.88	631.65	631.65

**GIRDER 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	5070.90	14.79	631.07	631.07
⊙ Brg. W. Abut.	5072.15	14.79	631.08	631.08
A	5082.15	14.79	631.19	631.23
B	5092.15	14.79	631.28	631.37
C	5102.15	14.79	631.37	631.48
D	5112.15	14.79	631.45	631.57
E	5122.15	14.79	631.52	631.65
F	5132.15	14.79	631.59	631.69
G	5142.15	14.79	631.64	631.71
H	5152.15	14.79	631.69	631.73
I	5162.15	14.79	631.72	631.75
⊙ Brg. Pier	5173.90	14.79	631.76	631.76
J	5183.90	14.79	631.78	631.80
K	5193.90	14.79	631.79	631.83
L	5203.90	14.79	631.79	631.86
M	5213.90	14.79	631.78	631.88
N	5223.90	14.79	631.77	631.89
O	5233.90	14.79	631.74	631.86
P	5243.90	14.79	631.71	631.82
Q	5253.90	14.79	631.67	631.76
R	5263.90	14.79	631.62	631.67
⊙ Brg. E. Abut.	5275.65	14.79	631.55	631.55
Bk. E. Abut.	5276.90	14.79	631.55	631.55

DESIGNED Michael D. Cima  
CHECKED Phillip R. Litchfield  
DRAWN R. Sommer  
CHECKED MDC/PRL

September 25, 2006  
EXAMINED Thomas J. Domagala  
PASSED Ralph E. Anderson

TOP OF SLAB ELEVATIONS  
F.A.I. RT. 80 SEC. 37-IHBR-1  
HENRY COUNTY  
STATION 461+73.82  
STRUCTURE NO. 037-0171