

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 327	13B-1 & 13B-2	MARION	18	39
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5  
17 SHEETS

Contract No. 94964

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	-18.125	470.678	470.678
€ Brg. W. Abut	37454.250	-18.125	470.687	470.687
A	37464.250	-18.125	470.757	470.791
B	37474.250	-18.125	470.824	470.892
C	37484.250	-18.125	470.886	470.972
D	37494.250	-18.125	470.943	471.035
E	37504.250	-18.125	470.997	471.092
F	37514.250	-18.125	471.046	471.120
G	37524.250	-18.125	471.091	471.143
H	37534.250	-18.125	471.132	471.165
I	37544.250	-18.125	471.169	471.184
€ Brg. Pier	37553.000	-18.125	471.198	471.198
J	37563.000	-18.125	471.227	471.244
K	37573.000	-18.125	471.251	471.286
L	37583.000	-18.125	471.272	471.326
M	37593.000	-18.125	471.288	471.364
N	37603.000	-18.125	471.300	471.396
O	37613.000	-18.125	471.308	471.399
P	37623.000	-18.125	471.312	471.398
Q	37633.000	-18.125	471.311	471.375
R	37643.000	-18.125	471.306	471.336
€ Brg. E. Abut	37651.750	-18.125	471.299	471.299
Bk. E. Abut	37653.000	-18.125	471.297	471.297

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	-10.875	470.823	470.823
€ Brg. W. Abut	37454.250	-10.875	470.832	470.832
A	37464.250	-10.875	470.902	470.936
B	37474.250	-10.875	470.969	471.037
C	37484.250	-10.875	471.031	471.117
D	37494.250	-10.875	471.088	471.180
E	37504.250	-10.875	471.142	471.237
F	37514.250	-10.875	471.191	471.265
G	37524.250	-10.875	471.236	471.288
H	37534.250	-10.875	471.277	471.310
I	37544.250	-10.875	471.314	471.329
€ Brg. Pier	37553.000	-10.875	471.343	471.343
J	37563.000	-10.875	471.372	471.389
K	37573.000	-10.875	471.396	471.431
L	37583.000	-10.875	471.417	471.471
M	37593.000	-10.875	471.433	471.509
N	37603.000	-10.875	471.445	471.541
O	37613.000	-10.875	471.453	471.544
P	37623.000	-10.875	471.457	471.543
Q	37633.000	-10.875	471.456	471.520
R	37643.000	-10.875	471.451	471.481
€ Brg. E. Abut	37651.750	-10.875	471.444	471.444
Bk. E. Abut	37653.000	-10.875	471.442	471.442

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	-3.625	470.936	470.936
€ Brg. W. Abut	37454.250	-3.625	470.945	470.945
A	37464.250	-3.625	471.016	471.050
B	37474.250	-3.625	471.082	471.150
C	37484.250	-3.625	471.144	471.231
D	37494.250	-3.625	471.202	471.294
E	37504.250	-3.625	471.255	471.350
F	37514.250	-3.625	471.305	471.378
G	37524.250	-3.625	471.350	471.401
H	37534.250	-3.625	471.391	471.423
I	37544.250	-3.625	471.427	471.442
€ Brg. Pier	37553.000	-3.625	471.456	471.456
J	37563.000	-3.625	471.485	471.502
K	37573.000	-3.625	471.510	471.544
L	37583.000	-3.625	471.530	471.584
M	37593.000	-3.625	471.546	471.622
N	37603.000	-3.625	471.558	471.655
O	37613.000	-3.625	471.566	471.658
P	37623.000	-3.625	471.570	471.656
Q	37633.000	-3.625	471.569	471.633
R	37643.000	-3.625	471.564	471.594
€ Brg. E. Abut	37651.750	-3.625	471.557	471.557
Bk. E. Abut	37653.000	-3.625	471.555	471.555

€ ROADWAY, P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	0.000	470.993	470.993
€ Brg. W. Abut	37454.250	0.000	471.002	471.002
A	37464.250	0.000	471.072	471.106
B	37474.250	0.000	471.138	471.207
C	37484.250	0.000	471.200	471.287
D	37494.250	0.000	471.258	471.350
E	37504.250	0.000	471.312	471.407
F	37514.250	0.000	471.361	471.435
G	37524.250	0.000	471.406	471.458
H	37534.250	0.000	471.447	471.480
I	37544.250	0.000	471.484	471.499
€ Brg. Pier	37553.000	0.000	471.513	471.513
J	37563.000	0.000	471.542	471.559
K	37573.000	0.000	471.566	471.601
L	37583.000	0.000	471.587	471.641
M	37593.000	0.000	471.603	471.679
N	37603.000	0.000	471.615	471.711
O	37613.000	0.000	471.623	471.714
P	37623.000	0.000	471.626	471.713
Q	37633.000	0.000	471.626	471.690
R	37643.000	0.000	471.621	471.651
€ Brg. E. Abut	37651.750	0.000	471.613	471.613
Bk. E. Abut	37653.000	0.000	471.612	471.612

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	3.625	470.936	470.936
€ Brg. W. Abut	37454.250	3.625	470.945	470.945
A	37464.250	3.625	471.016	471.050
B	37474.250	3.625	471.082	471.150
C	37484.250	3.625	471.144	471.231
D	37494.250	3.625	471.202	471.294
E	37504.250	3.625	471.255	471.350
F	37514.250	3.625	471.305	471.378
G	37524.250	3.625	471.350	471.401
H	37534.250	3.625	471.391	471.423
I	37544.250	3.625	471.427	471.442
€ Brg. Pier	37553.000	3.625	471.456	471.456
J	37563.000	3.625	471.485	471.502
K	37573.000	3.625	471.510	471.544
L	37583.000	3.625	471.530	471.584
M	37593.000	3.625	471.546	471.622
N	37603.000	3.625	471.558	471.655
O	37613.000	3.625	471.566	471.658
P	37623.000	3.625	471.570	471.656
Q	37633.000	3.625	471.569	471.633
R	37643.000	3.625	471.564	471.594
€ Brg. E. Abut	37651.750	3.625	471.557	471.557
Bk. E. Abut	37653.000	3.625	471.555	471.555

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	10.875	470.823	470.823
€ Brg. W. Abut	37454.250	10.875	470.832	470.832
A	37464.250	10.875	470.902	470.936
B	37474.250	10.875	470.969	471.037
C	37484.250	10.875	471.031	471.117
D	37494.250	10.875	471.088	471.180
E	37504.250	10.875	471.142	471.237
F	37514.250	10.875	471.191	471.265
G	37524.250	10.875	471.236	471.288
H	37534.250	10.875	471.277	471.310
I	37544.250	10.875	471.314	471.329
€ Brg. Pier	37553.000	10.875	471.343	471.343
J	37563.000	10.875	471.372	471.389
K	37573.000	10.875	471.396	471.431
L	37583.000	10.875	471.417	471.471
M	37593.000	10.875	471.433	471.509
N	37603.000	10.875	471.445	471.541
O	37613.000	10.875	471.453	471.544
P	37623.000	10.875	471.457	471.543
Q	37633.000	10.875	471.456	471.520
R	37643.000	10.875	471.451	471.481
€ Brg. E. Abut	37651.750	10.875	471.444	471.444
Bk. E. Abut	37653.000	10.875	471.442	471.442

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	37453.000	18.125	470.678	470.678
€ Brg. W. Abut	37454.250	18.125	470.687	470.687
A	37464.250	18.125	470.757	470.791
B	37474.250	18.125	470.824	470.892
C	37484.250	18.125	470.886	470.972
D	37494.250	18.125	470.943	471.035
E	37504.250	18.125	470.997	471.092
F	37514.250	18.125	471.046	471.120
G	37524.250	18.125	471.091	471.143
H	37534.250	18.125	471.132	471.165
I	37544.250	18.125	471.169	471.184
€ Brg. Pier	37553.000	18.125	471.198	471.198
J	37563.000	18.125	471.227	471.244
K	37573.000	18.125	471.251	471.286
L	37583.000	18.125	471.272	471.326
M	37593.000	18.125	471.288	471.364
N	37603.000	18.125	471.300	471.396
O	37613.000	18.125	471.308	471.399
P	37623.000	18.125	471.312	471.398
Q	37633.000	18.125	471.311	471.375
R	37643.000	18.125	471.306	471.336
€ Brg. E. Abut	37651.750	18.125	471.299	471.299
Bk. E. Abut	37653.000	18.125	471.297	471.297

DESIGNED	R.L.M.
CHECKED	G.R.A.
DRAWN	h.t. duong
CHECKED	R.L.M./G.R.A.

Feb 2, 2006  
EXAMINED *Thomas J. Demagala*  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGE DESIGN  
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS  
F.A.P. RTE. 327 - SEC. 13B-1 & 13B-2  
MARION COUNTY  
STATION 375+53.00  
STRUCTURE NO. 061-0091