

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 42	139BR	BOND	59	40
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 7
19 SHEETS

Contract #76391

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	-18.13	499.63	499.63
⊕ Brg. W. Abut.	204889.26	-18.13	499.61	499.61
A	204899.26	-18.13	499.41	499.48
B	204909.26	-18.13	499.21	499.36
C	204919.26	-18.13	499.03	499.21
D	204929.26	-18.13	498.85	499.06
E	204939.26	-18.13	498.67	498.87
F	204949.26	-18.13	498.51	498.67
G	204959.26	-18.13	498.34	498.46
H	204969.26	-18.13	498.19	498.23
⊕ Brg. E. Abut.	204974.76	-18.13	498.11	498.11
Bk. E. Abut.	204976.01	-18.13	498.09	498.09

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	-10.88	499.78	499.78
⊕ Brg. W. Abut.	204889.26	-10.88	499.75	499.75
A	204899.26	-10.88	499.55	499.62
B	204909.26	-10.88	499.36	499.50
C	204919.26	-10.88	499.17	499.35
D	204929.26	-10.88	498.99	499.20
E	204939.26	-10.88	498.82	499.01
F	204949.26	-10.88	498.65	498.82
G	204959.26	-10.88	498.49	498.60
H	204969.26	-10.88	498.33	498.37
⊕ Brg. E. Abut.	204974.76	-10.88	498.25	498.25
Bk. E. Abut.	204976.01	-10.88	498.23	498.23

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	-3.63	499.89	499.89
⊕ Brg. W. Abut.	204889.26	-3.63	499.86	499.86
A	204899.26	-3.63	499.67	499.74
B	204909.26	-3.63	499.47	499.62
C	204919.26	-3.63	499.29	499.46
D	204929.26	-3.63	499.10	499.31
E	204939.26	-3.63	498.93	499.13
F	204949.26	-3.63	498.76	498.93
G	204959.26	-3.63	498.60	498.71
H	204969.26	-3.63	498.45	498.49
⊕ Brg. E. Abut.	204974.76	-3.63	498.37	498.37
Bk. E. Abut.	204976.01	-3.63	498.35	498.35

⊕ RDWY., P.G. & STAGE CONSTRUCTION

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	0.00	499.95	499.95
⊕ Brg. W. Abut.	204889.26	0.00	499.92	499.92
A	204899.26	0.00	499.72	499.79
B	204909.26	0.00	499.53	499.67
C	204919.26	0.00	499.34	499.52
D	204929.26	0.00	499.16	499.37
E	204939.26	0.00	498.99	499.18
F	204949.26	0.00	498.82	498.99
G	204959.26	0.00	498.66	498.77
H	204969.26	0.00	498.50	498.54
⊕ Brg. E. Abut.	204974.76	0.00	498.42	498.42
Bk. E. Abut.	204976.01	0.00	498.40	498.40

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	3.63	499.89	499.89
⊕ Brg. W. Abut.	204889.26	3.63	499.86	499.86
A	204899.26	3.63	499.67	499.74
B	204909.26	3.63	499.47	499.62
C	204919.26	3.63	499.29	499.46
D	204929.26	3.63	499.10	499.31
E	204939.26	3.63	498.93	499.13
F	204949.26	3.63	498.76	498.93
G	204959.26	3.63	498.60	498.71
H	204969.26	3.63	498.45	498.49
⊕ Brg. E. Abut.	204974.76	3.63	498.37	498.37
Bk. E. Abut.	204976.01	3.63	498.35	498.35

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	10.88	499.78	499.78
⊕ Brg. W. Abut.	204889.26	10.88	499.75	499.75
A	204899.26	10.88	499.55	499.62
B	204909.26	10.88	499.36	499.50
C	204919.26	10.88	499.17	499.35
D	204929.26	10.88	498.99	499.20
E	204939.26	10.88	498.82	499.01
F	204949.26	10.88	498.65	498.82
G	204959.26	10.88	498.49	498.60
H	204969.26	10.88	498.33	498.37
⊕ Brg. E. Abut.	204974.76	10.88	498.25	498.25
Bk. E. Abut.	204976.01	10.88	498.23	498.23

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	204888.01	18.13	499.63	499.63
⊕ Brg. W. Abut.	204889.26	18.13	499.61	499.61
A	204899.26	18.13	499.41	499.48
B	204909.26	18.13	499.21	499.36
C	204919.26	18.13	499.03	499.21
D	204929.26	18.13	498.85	499.06
E	204939.26	18.13	498.67	498.87
F	204949.26	18.13	498.51	498.67
G	204959.26	18.13	498.34	498.46
H	204969.26	18.13	498.19	498.23
⊕ Brg. E. Abut.	204974.76	18.13	498.11	498.11
Bk. E. Abut.	204976.01	18.13	498.09	498.09

DESIGNED	Phillip R. Litchfield
CHECKED	Nick R. Barnett
DRAWN	R. Sommer
CHECKED	P.R.L./N.R.B.

November 7, 2008
 EXAMINED *Thomas J. Domagalaki*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.P. ROUTE 42 - SECTION 139BR
 BOND COUNTY
 STATION 2049+33.51
 STRUCTURE NO. 003-0061