

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	25-4HB- 11B	EFFINGHAM	67	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #94785

SHEET NO. 4
18 SHEETS

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4878.26	-16.46	624.54	624.54
CL Brg. N. Abut.	4879.54	-16.46	624.55	624.55
A	4889.54	-16.46	624.64	624.68
B	4889.54	-16.46	624.73	624.81
C	4909.54	-16.46	624.80	624.92
D	4919.54	-16.46	624.87	624.99
E	4929.54	-16.46	624.95	625.05
F	4939.54	-16.46	624.98	625.10
G	4949.54	-16.46	625.02	625.12
H	4959.54	-16.46	625.06	625.13
I	4969.54	-16.46	625.09	625.13
J	4979.54	-16.46	625.11	625.14
K	4989.54	-16.46	625.12	625.13
CL Brg. Pier	4995.34	-16.46	625.12	625.12
L	5005.34	-16.46	625.12	625.14
M	5015.34	-16.46	625.11	625.15
N	5025.34	-16.46	625.09	625.15
O	5035.34	-16.46	625.06	625.15
P	5045.34	-16.46	625.03	625.14
Q	5055.34	-16.46	624.99	625.12
R	5065.34	-16.46	624.94	625.06
S	5075.34	-16.46	624.88	625.00
T	5085.34	-16.46	624.81	624.92
U	5095.34	-16.46	624.74	624.85
V	5105.34	-16.46	624.66	624.68
CL Brg. S. Abut.	5111.15	-16.46	624.61	624.61
Bk. S. Abut.	5112.43	-16.46	624.59	624.59

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4879.66	-9.88	624.68	624.68
CL Brg. N. Abut.	4880.94	-9.88	624.69	624.69
A	4890.94	-9.88	624.78	624.82
B	4900.94	-9.88	624.86	624.94
C	4910.94	-9.88	624.94	625.05
D	4920.94	-9.88	625.00	625.12
E	4930.94	-9.88	625.06	625.19
F	4940.94	-9.88	625.11	625.24
G	4950.94	-9.88	625.16	625.25
H	4960.94	-9.88	625.19	625.26
I	4970.94	-9.88	625.22	625.26
J	4980.94	-9.88	625.23	625.26
K	4990.94	-9.88	625.24	625.25
CL Brg. Pier	4996.74	-9.88	625.25	625.25
L	5006.74	-9.88	625.24	625.26
M	5016.74	-9.88	625.23	625.27
N	5026.74	-9.88	625.21	625.27
O	5036.74	-9.88	625.19	625.27
P	5046.74	-9.88	625.15	625.25
Q	5056.74	-9.88	625.11	625.23
R	5066.74	-9.88	625.06	625.18
S	5076.74	-9.88	625.00	625.11
T	5086.74	-9.88	624.93	625.03
U	5096.74	-9.88	624.85	624.92
V	5106.74	-9.88	624.77	624.79
CL Brg. S. Abut.	5112.55	-9.88	624.72	624.72
Bk. S. Abut.	5113.83	-9.88	624.71	624.71

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4881.06	-3.29	624.80	624.80
CL Brg. N. Abut.	4882.34	-3.29	624.81	624.81
A	4892.34	-3.29	624.90	624.94
B	4902.34	-3.29	624.98	625.06
C	4912.34	-3.29	625.05	625.17
D	4922.34	-3.29	625.12	625.24
E	4932.34	-3.29	625.17	625.30
F	4942.34	-3.29	625.22	625.35
G	4952.34	-3.29	625.26	625.36
H	4962.34	-3.29	625.30	625.37
I	4972.34	-3.29	625.32	625.37
J	4982.34	-3.29	625.34	625.37
K	4992.34	-3.29	625.35	625.36
CL Brg. Pier	4998.14	-3.29	625.35	625.35
L	5008.14	-3.29	625.34	625.36
M	5018.14	-3.29	625.33	625.37
N	5028.14	-3.29	625.31	625.37
O	5038.14	-3.29	625.28	625.37
P	5048.14	-3.29	625.25	625.36
Q	5058.14	-3.29	625.20	625.33
R	5068.14	-3.29	625.15	625.27
S	5078.14	-3.29	625.09	625.21
T	5088.14	-3.29	625.02	625.12
U	5098.14	-3.29	624.95	625.01
V	5108.14	-3.29	624.86	624.88
CL Brg. S. Abut.	5113.95	-3.29	624.81	624.81
Bk. S. Abut.	5115.23	-3.29	624.80	624.80

CL RWDY. & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4881.76	0.00	624.85	624.85
CL Brg. N. Abut.	4883.04	0.00	624.87	624.87
A	4893.04	0.00	624.95	624.99
B	4903.04	0.00	625.03	625.11
C	4913.04	0.00	625.11	625.22
D	4923.04	0.00	625.17	625.29
E	4933.04	0.00	625.23	625.35
F	4943.04	0.00	625.28	625.40
G	4953.04	0.00	625.32	625.42
H	4963.04	0.00	625.35	625.42
I	4973.04	0.00	625.37	625.42
J	4983.04	0.00	625.39	625.42
K	4993.04	0.00	625.40	625.41
CL Brg. Pier	4998.84	0.00	625.40	625.40
L	5008.84	0.00	625.40	625.41
M	5018.84	0.00	625.38	625.42
N	5028.84	0.00	625.36	625.42
O	5038.84	0.00	625.33	625.42
P	5048.84	0.00	625.30	625.40
Q	5058.84	0.00	625.25	625.38
R	5068.84	0.00	625.20	625.32
S	5078.84	0.00	625.14	625.26
T	5088.84	0.00	625.07	625.17
U	5098.84	0.00	624.99	625.05
V	5108.84	0.00	624.91	624.93
CL Brg. S. Abut.	5114.65	0.00	624.85	624.85
Bk. S. Abut.	5115.93	0.00	624.84	624.84

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4882.46	3.29	624.81	624.81
CL Brg. N. Abut.	4883.74	3.29	624.82	624.82
A	4893.74	3.29	624.91	624.95
B	4903.74	3.29	624.99	625.07
C	4913.74	3.29	625.06	625.18
D	4923.74	3.29	625.12	625.24
E	4933.74	3.29	625.18	625.31
F	4943.74	3.29	625.23	625.35
G	4953.74	3.29	625.27	625.37
H	4963.74	3.29	625.30	625.37
I	4973.74	3.29	625.32	625.37
J	4983.74	3.29	625.34	625.37
K	4993.74	3.29	625.35	625.36
CL Brg. Pier	4999.54	3.29	625.35	625.35
L	5009.54	3.29	625.34	625.36
M	5019.54	3.29	625.33	625.37
N	5029.54	3.29	625.31	625.37
O	5039.54	3.29	625.28	625.36
P	5049.54	3.29	625.24	625.35
Q	5059.54	3.29	625.20	625.32
R	5069.54	3.29	625.14	625.27
S	5079.54	3.29	625.08	625.20
T	5089.54	3.29	625.01	625.11
U	5099.54	3.29	624.95	625.00
V	5109.54	3.29	624.85	624.87
CL Brg. S. Abut.	5115.35	3.29	624.80	624.80
Bk. S. Abut.	5116.63	3.29	624.78	624.78

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4883.86	9.88	624.72	624.72
CL Brg. N. Abut.	4885.14	9.88	624.73	624.73
A	4895.14	9.88	624.82	624.86
B	4905.14	9.88	624.90	624.98
C	4915.14	9.88	624.97	625.08
D	4925.14	9.88	625.03	625.15
E	4935.14	9.88	625.09	625.21
F	4945.14	9.88	625.13	625.26
G	4955.14	9.88	625.17	625.27
H	4965.14	9.88	625.20	625.27
I	4975.14	9.88	625.22	625.27
J	4985.14	9.88	625.24	625.26
K	4995.14	9.88	625.25	625.26
CL Brg. Pier	5000.94	9.88	625.25	625.25
L	5010.94	9.88	625.24	625.26
M	5020.94	9.88	625.22	625.26
N	5030.94	9.88	625.20	625.26
O	5040.94	9.88	625.17	625.25
P	5050.94	9.88	625.13	625.24
Q	5060.94	9.88	625.09	625.21
R	5070.94	9.88	625.03	625.15
S	5080.94	9.88	624.97	625.09
T	5090.94	9.88	624.90	625.00
U	5100.94	9.88	624.82	624.88
V	5110.94	9.88	624.73	624.76
CL Brg. S. Abut.	5116.75	9.88	624.68	624.68
Bk. S. Abut.	5118.03	9.88	624.67	624.67

GIRDER 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4885.26	16.46	624.61	624.61
CL Brg. N. Abut.	4886.54	16.46	624.62	624.62
A	4896.54	16.46	624.70	624.74
B	4906.54	16.46	624.78	624.86
C	4916.54	16.46	624.85	624.97
D	4926.54	16.46	624.91	625.03
E	4936.54	16.46	624.97	625.09
F	4946.54	16.46	625.01	625.14
G	4956.54	16.46	625.05	625.15
H	4966.54	16.46	625.08	625.15
I	4976.54	16.46	625.10	625.15
J	4986.54	16.46	625.11	625.14
K	4996.54	16.46	625.12	625.13
CL Brg. Pier	5002.34	16.46	625.12	625.12
L	5012.34	16.46	625.11	625.13
M	5022.34	16.46	625.10	625.13
N	5032.34	16.46	625.07	625.13
O	5042.34	16.46	625.04	625.12
P	5052.34	16.46	625.00	625.11
Q	5062.34	16.46	624.95	625.08
R	5072.34	16.46	624.90	625.02
S	5082.34	16.46	624.83	624.95
T	5092.34	16.46	624.76	624.86
U	5102.34	16.46	624.68	624.75
V	5112.34	16.46	624.59	624.62
CL Brg. S. Abut.	5118.15	16.46	624.54	624.54
Bk. S. Abut.	5119.42	16.46	624.53	624.53

DESIGNED	Dhrv Narieiwala
CHECKED	Steve Ryan
DRAWN	R. Sommer
CHECKED	DPN/SMR

September 28, 2006
EXAMINED Thomas J. Domagala
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.I. RT. 70 SEC. (25-4HB-11B)
EFFINGHAM COUNTY
STATION 49+98.84
STRUCTURE NO. 025-0102