

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1671	‡	DOUGLAS	181	111
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 27
46 SHEETS

Contract #70258
‡ 22VBR-1 and 144SBR-2

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	1154+03.40	-14.58	684.98	685.00
⊕ Brg. S. Abut.	1154+04.68	-14.58	684.98	685.00
A	1154+14.68	-14.58	684.97	685.00
B	1154+24.68	-14.58	684.94	684.98
C	1154+34.68	-14.58	684.91	684.94
D	1154+44.68	-14.58	684.86	684.89
E	1154+54.68	-14.58	684.81	684.83
⊕ Brg. Pier 1	1154+61.90	-14.58	684.77	684.79
F	1154+71.90	-14.58	684.70	684.76
G	1154+81.90	-14.58	684.63	684.71
H	1154+91.90	-14.58	684.54	684.65
I	1155+01.90	-14.58	684.45	684.57
J	1155+11.90	-14.58	684.35	684.46
K	1155+21.90	-14.58	684.24	684.33
L	1155+31.90	-14.58	684.12	684.19
⊕ Brg. Pier 2	1155+45.90	-14.58	683.94	683.96
M	1155+55.90	-14.58	683.80	683.81
N	1155+65.90	-14.58	683.65	683.67
O	1155+75.90	-14.58	683.49	683.51
P	1155+85.90	-14.58	683.33	683.35
⊕ Brg. N. Abut.	1155+94.12	-14.58	683.18	683.20
Bk. N. Abut.	1155+95.40	-14.58	683.16	683.18

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	1154+04.64	-8.75	685.09	685.11
⊕ Brg. S. Abut.	1154+05.92	-8.75	685.09	685.11
A	1154+15.92	-8.75	685.07	685.10
B	1154+25.92	-8.75	685.04	685.08
C	1154+35.92	-8.75	685.01	685.04
D	1154+45.92	-8.75	684.96	684.99
E	1154+55.92	-8.75	684.91	684.93
⊕ Brg. Pier 1	1154+63.14	-8.75	684.87	684.89
F	1154+73.14	-8.75	684.80	684.85
G	1154+83.14	-8.75	684.72	684.81
H	1154+93.14	-8.75	684.64	684.74
I	1155+03.14	-8.75	684.54	684.67
J	1155+13.14	-8.75	684.44	684.55
K	1155+23.14	-8.75	684.33	684.42
L	1155+33.14	-8.75	684.21	684.28
⊕ Brg. Pier 2	1155+47.14	-8.75	684.03	684.05
M	1155+57.14	-8.75	683.89	683.90
N	1155+67.14	-8.75	683.74	683.75
O	1155+77.14	-8.75	683.58	683.60
P	1155+87.14	-8.75	683.41	683.43
⊕ Brg. N. Abut.	1155+95.36	-8.75	683.27	683.29
Bk. N. Abut.	1155+96.64	-8.75	683.24	683.26

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	1154+05.88	-2.92	685.18	685.20
⊕ Brg. S. Abut.	1154+07.16	-2.92	685.18	685.20
A	1154+17.16	-2.92	685.16	685.19
B	1154+27.16	-2.92	685.13	685.17
C	1154+37.16	-2.92	685.09	685.13
D	1154+47.16	-2.92	685.05	685.07
E	1154+57.16	-2.92	684.99	685.02
⊕ Brg. Pier 1	1154+64.38	-2.92	684.95	684.97
F	1154+74.38	-2.92	684.88	684.93
G	1154+84.38	-2.92	684.80	684.89
H	1154+94.38	-2.92	684.72	684.82
I	1155+04.38	-2.92	684.62	684.75
J	1155+14.38	-2.92	684.52	684.63
K	1155+24.38	-2.92	684.41	684.50
L	1155+34.38	-2.92	684.29	684.35
⊕ Brg. Pier 2	1155+48.38	-2.92	684.10	684.12
M	1155+58.38	-2.92	683.96	683.97
N	1155+68.38	-2.92	683.81	683.83
O	1155+78.38	-2.92	683.65	683.67
P	1155+88.38	-2.92	683.48	683.50
⊕ Brg. N. Abut.	1155+96.60	-2.92	683.34	683.36
Bk. N. Abut.	1155+97.88	-2.92	683.31	683.33

DESIGNED	Curt M. Evoy
CHECKED	Rebecca L. Tharp
DRAWN	Michael B. Mossman
CHECKED	C.M.E. / R.L.T.

August 4, 2006
 EXAMINED *Thomas J. Domagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.S. RT. 1671 - SEC. 22VBR-1
 DOUGLAS COUNTY
 STATION 1154+99.02
 STRUCTURE NO. 021-0060