

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7 32 SHEETS
F.A.P. 669	11BR-1	TAZEWELL	442	276	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #88804

BEAM 8 & C STRUCTURE & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30119.15	0.00	460.32	460.32
C North Abut	30120.42	0.00	460.33	460.33
A	30130.42	0.00	460.35	460.35
B	30140.42	0.00	460.38	460.37
C Pier 1	30151.65	0.00	460.40	460.40
C	30161.65	0.00	460.41	460.45
D	30171.65	0.00	460.42	460.49
E	30181.65	0.00	460.43	460.52
F	30191.65	0.00	460.43	460.53
G	30201.65	0.00	460.43	460.50
H	30211.65	0.00	460.42	460.47
C Pier 2	30224.15	0.00	460.41	460.41
I	30234.15	0.00	460.39	460.38
J	30244.15	0.00	460.37	460.37
C South Abut	30255.38	0.00	460.35	460.35
BK South Abut	30256.65	0.00	460.34	460.34

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30120.18	5.84	460.21	460.21
C North Abut	30121.45	5.84	460.21	460.21
A	30131.45	5.84	460.24	460.23
B	30141.45	5.84	460.26	460.25
C Pier 1	30152.68	5.84	460.28	460.28
C	30162.68	5.84	460.30	460.33
D	30172.68	5.84	460.31	460.37
E	30182.68	5.84	460.31	460.40
F	30192.68	5.84	460.31	460.41
G	30202.68	5.84	460.31	460.38
H	30212.68	5.84	460.31	460.35
C Pier 2	30225.18	5.84	460.29	460.29
I	30235.18	5.84	460.28	460.27
J	30245.18	5.84	460.26	460.25
C South Abut	30256.41	5.84	460.23	460.23
BK South Abut	30257.68	5.84	460.23	460.23

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30121.21	11.67	460.10	460.10
C North Abut	30122.48	11.67	460.10	460.10
A	30132.48	11.67	460.13	460.12
B	30142.48	11.67	460.15	460.14
C Pier 1	30153.71	11.67	460.17	460.17
C	30163.71	11.67	460.18	460.22
D	30173.71	11.67	460.19	460.26
E	30183.71	11.67	460.20	460.29
F	30193.71	11.67	460.20	460.29
G	30203.71	11.67	460.20	460.27
H	30213.71	11.67	460.19	460.23
C Pier 2	30226.21	11.67	460.17	460.17
I	30236.21	11.67	460.16	460.15
J	30246.21	11.67	460.14	460.13
C South Abut	30257.44	11.67	460.11	460.11
BK South Abut	30258.71	11.67	460.11	460.11

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30122.24	17.50	459.98	459.98
C North Abut	30123.51	17.50	459.99	459.99
A	30133.51	17.50	460.01	460.01
B	30143.51	17.50	460.04	460.03
C Pier 1	30154.74	17.50	460.06	460.06
C	30164.74	17.50	460.07	460.10
D	30174.74	17.50	460.08	460.14
E	30184.74	17.50	460.08	460.17
F	30194.74	17.50	460.08	460.18
G	30204.74	17.50	460.08	460.15
H	30214.74	17.50	460.07	460.12
C Pier 2	30227.24	17.50	460.06	460.06
I	30237.24	17.50	460.04	460.03
J	30247.24	17.50	460.02	460.01
C South Abut	30258.46	17.50	459.99	459.99
BK South Abut	30259.74	17.50	459.99	459.99

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30123.26	23.33	459.87	459.87
C North Abut	30124.54	23.33	459.88	459.88
A	30134.54	23.33	459.90	459.89
B	30144.54	23.33	459.92	459.91
C Pier 1	30155.76	23.33	459.94	459.94
C	30165.76	23.33	459.95	459.99
D	30175.76	23.33	459.96	460.03
E	30185.76	23.33	459.97	460.06
F	30195.76	23.33	459.97	460.06
G	30205.76	23.33	459.96	460.04
H	30215.76	23.33	459.96	460.00
C Pier 2	30228.26	23.33	459.94	459.94
I	30238.26	23.33	459.92	459.91
J	30248.26	23.33	459.90	459.89
C South Abut	30259.49	23.33	459.87	459.87
BK South Abut	30260.76	23.33	459.87	459.87

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30124.29	29.17	459.76	459.76
C North Abut	30125.56	29.17	459.76	459.76
A	30135.56	29.17	459.79	459.78
B	30145.56	29.17	459.81	459.80
C Pier 1	30156.79	29.17	459.83	459.83
C	30166.79	29.17	459.84	459.87
D	30176.79	29.17	459.85	459.91
E	30186.79	29.17	459.85	459.94
F	30196.79	29.17	459.85	459.95
G	30206.79	29.17	459.85	459.92
H	30216.79	29.17	459.84	459.88
C Pier 2	30229.29	29.17	459.82	459.82
I	30239.29	29.17	459.81	459.80
J	30249.29	29.17	459.78	459.78
C South Abut	30260.52	29.17	459.76	459.76
BK South Abut	30261.79	29.17	459.75	459.75

BEAM 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30125.32	35.00	459.65	459.65
C North Abut	30126.59	35.00	459.65	459.65
A	30136.59	35.00	459.67	459.67
B	30146.59	35.00	459.69	459.68
C Pier 1	30157.82	35.00	459.71	459.71
C	30167.82	35.00	459.72	459.76
D	30177.82	35.00	459.73	459.80
E	30187.82	35.00	459.74	459.83
F	30197.82	35.00	459.73	459.83
G	30207.82	35.00	459.73	459.80
H	30217.82	35.00	459.72	459.76
C Pier 2	30230.32	35.00	459.71	459.71
I	30240.32	35.00	459.69	459.68
J	30250.32	35.00	459.67	459.66
C South Abut	30261.55	35.00	459.64	459.64
BK South Abut	30262.82	35.00	459.63	459.63

BEAM 15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK North Abut	30126.35	40.83	459.53	459.53
C North Abut	30127.62	40.83	459.54	459.54
A	30137.62	40.83	459.56	459.55
B	30147.62	40.83	459.58	459.57
C Pier 1	30158.85	40.83	459.60	459.60
C	30168.85	40.83	459.61	459.64
D	30178.85	40.83	459.62	459.68
E	30188.85	40.83	459.62	459.71
F	30198.85	40.83	459.62	459.71
G	30208.85	40.83	459.61	459.69
H	30218.85	40.83	459.60	459.65
C Pier 2	30231.35	40.83	459.59	459.59
I	30241.35	40.83	459.57	459.56
J	30251.35	40.83	459.55	459.54
C South Abut	30262.58	40.83	459.52	459.52
BK South Abut	30263.85	40.83	459.51	459.51

DESIGNED	T.L.K.
CHECKED	A.M.J.
DRAWN	BECKY M. LEACH
CHECKED	A.M.J. & P.E.C.

May 10, 2006
 EXAMINED *Thomas J. Domagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph V. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. ROUTE 669 - SECTION 11BR-1
TAZEWELL COUNTY
STATION 301+87.90
STRUCTURE NO. 090-0172