

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.S. 754	4RS-2, 4BR	CALHOUN	87	40
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76269	

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	100+03.64	13.58' Lt.	439.353	439.353
☉ Brg. S. Abut.	100+04.93	13.58' Lt.	439.348	439.348
A	100+14.93	13.58' Lt.	439.306	439.376
B	100+24.93	13.58' Lt.	439.264	439.392
C	100+34.93	13.58' Lt.	439.222	439.390
D	100+44.93	13.58' Lt.	439.180	439.363
E	100+54.93	13.58' Lt.	439.138	439.307
F	100+64.93	13.58' Lt.	439.096	439.218
G	100+74.93	13.58' Lt.	439.054	439.127
☉ Brg. N. Abut.	100+85.35	13.58' Lt.	439.010	439.010
Bk. N. Abut.	100+86.64	13.58' Lt.	439.005	439.005

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	100+02.12	7.92' Lt.	439.456	439.456
☉ Brg. S. Abut.	100+03.41	7.92' Lt.	439.451	439.451
A	100+13.41	7.92' Lt.	439.409	439.479
B	100+23.41	7.92' Lt.	439.367	439.495
C	100+33.41	7.92' Lt.	439.325	439.493
D	100+43.41	7.92' Lt.	439.283	439.466
E	100+53.41	7.92' Lt.	439.241	439.410
F	100+63.41	7.92' Lt.	439.199	439.321
G	100+73.41	7.92' Lt.	439.157	439.230
☉ Brg. N. Abut.	100+83.83	7.92' Lt.	439.113	439.113
Bk. N. Abut.	100+85.12	7.92' Lt.	439.108	439.108

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	100+00.60	2.25' Lt.	439.551	439.551
☉ Brg. S. Abut.	100+01.89	2.25' Lt.	439.546	439.546
A	100+11.89	2.25' Lt.	439.504	439.574
B	100+21.89	2.25' Lt.	439.462	439.590
C	100+31.89	2.25' Lt.	439.420	439.587
D	100+41.89	2.25' Lt.	439.378	439.561
E	100+51.89	2.25' Lt.	439.336	439.505
F	100+61.89	2.25' Lt.	439.294	439.416
G	100+71.89	2.25' Lt.	439.252	439.324
☉ Brg. N. Abut.	100+82.31	2.25' Lt.	439.208	439.208
Bk. N. Abut.	100+83.60	2.25' Lt.	439.202	439.202

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	99+99.08	3.42' Rt.	439.539	439.539
☉ Brg. S. Abut.	100+00.37	3.42' Rt.	439.534	439.534
A	100+10.37	3.42' Rt.	439.492	439.562
B	100+20.37	3.42' Rt.	439.450	439.578
C	100+30.37	3.42' Rt.	439.408	439.576
D	100+40.37	3.42' Rt.	439.366	439.549
E	100+50.37	3.42' Rt.	439.324	439.493
F	100+60.37	3.42' Rt.	439.282	439.404
G	100+70.37	3.42' Rt.	439.240	439.313
☉ Brg. N. Abut.	100+80.79	3.42' Rt.	439.196	439.196
Bk. N. Abut.	100+82.08	3.42' Rt.	439.191	439.191

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	99+97.57	9.08' Rt.	439.457	439.457
☉ Brg. S. Abut.	99+98.86	9.08' Rt.	439.452	439.452
A	100+08.86	9.08' Rt.	439.410	439.480
B	100+18.86	9.08' Rt.	439.368	439.496
C	100+28.86	9.08' Rt.	439.326	439.494
D	100+38.86	9.08' Rt.	439.284	439.467
F	100+48.86	9.08' Rt.	439.242	439.411
G	100+58.86	9.08' Rt.	439.200	439.322
G	100+68.86	9.08' Rt.	439.158	439.231
☉ Brg. N. Abut.	100+79.28	9.08' Rt.	439.114	439.114
Bk. N. Abut.	100+80.57	9.08' Rt.	439.109	439.109

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	99+96.05	14.75' Rt.	439.361	439.361
☉ Brg. S. Abut.	99+97.34	14.75' Rt.	439.355	439.355
A	100+07.34	14.75' Rt.	439.313	439.384
B	100+17.34	14.75' Rt.	439.271	439.400
C	100+27.34	14.75' Rt.	439.229	439.397
D	100+37.34	14.75' Rt.	439.187	439.371
E	100+47.34	14.75' Rt.	439.145	439.315
F	100+57.31	14.75' Rt.	439.103	439.225
G	100+67.34	14.75' Rt.	439.061	439.134
☉ Brg. N. Abut.	100+77.76	14.75' Rt.	439.018	439.018
Bk. N. Abut.	100+79.05	14.75' Rt.	439.012	439.012

DESIGNED	- L.E.L.
CHECKED	- REG
DRAWN	- M.T.L.
CHECKED	- L.E.L.

TOP OF SLAB ELEVATIONS
PARK STREET OVER
AN UNNAMED CREEK
F.A.S. ROUTE 754
SECTION 4RS-2, 4BR
CALHOUN COUNTY
ROADWAY STATION 6+08.50
STRUCTURE NO. 007-0026



Benton & Associates, Inc.
Consulting Engineers / Land Surveyors
1970 West Lafayette Avenue Jacksonville, Illinois 62650
Phone : 217-245-4146 Fax : 217-245-4149
IL Design Firm Registration No. 184-000852