

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	55-2	MCDONOUGH	1025	482
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Contract No. 68205

BEAM #4

On Centerline of Structure

Location	Station	Offset from P.G. E.B. (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+60.676	14.342	639.862	639.862
☉ Brg. S. Abut.	493+62.106	14.311	639.887	639.887
A	493+72.012	14.109	640.061	640.072
B	493+81.920	13.930	640.235	640.252
C	493+91.828	13.775	640.411	640.428
D	494+01.737	13.643	640.587	640.598
☉ Pier #1	494+13.189	13.520	640.792	640.792
E	494+23.099	13.438	640.970	641.007
F	494+33.009	13.380	641.150	641.222
G	494+42.919	13.345	641.330	641.426
H	494+52.830	13.333	641.512	641.616
I	494+62.741	13.345	641.694	641.790
J	494+72.651	13.380	641.878	641.950
K	494+82.561	13.438	642.062	642.099
☉ Pier #2	494+92.471	13.520	642.248	642.248
L	495+02.381	13.625	642.434	642.444
M	495+12.290	13.753	642.621	642.638
N	495+22.198	13.905	642.810	642.827
O	495+32.106	14.079	642.999	643.011
☉ Brg. N. Abut.	495+43.554	14.311	643.219	643.219
Bk. N. Abut.	495+44.984	14.342	643.246	643.246

BEAM #5

6.333 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. E.B. (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+57.195	20.754	640.068	640.068
☉ Brg. S. Abut.	493+58.623	20.722	640.093	640.093
A	493+68.514	20.512	640.265	640.276
B	493+78.407	20.325	640.439	640.456
C	493+88.300	20.162	640.614	640.631
D	493+98.194	20.022	640.790	640.801
☉ Pier #1	494+09.629	19.888	640.994	640.994
E	494+19.524	19.798	641.172	641.209
F	494+29.420	19.732	641.351	641.423
G	494+39.316	19.688	641.531	641.627
H	494+49.211	19.668	641.712	641.816
I	494+59.107	19.671	641.893	641.989
J	494+69.003	19.698	642.076	642.148
K	494+78.899	19.747	642.260	642.297
☉ Pier #2	494+88.795	19.820	642.445	642.445
L	494+98.690	19.917	642.630	642.640
M	495+08.584	20.036	642.817	642.834
N	495+18.478	20.179	643.005	643.022
O	495+28.372	20.345	643.193	643.205
☉ Brg. N. Abut.	495+39.804	20.566	643.413	643.413
Bk. N. Abut.	495+41.232	20.596	643.440	643.440

BEAM #6

12.667 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. E.B. (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+53.724	27.170	640.274	640.274
☉ Brg. S. Abut.	493+55.150	27.136	640.298	640.298
A	493+65.027	26.918	640.470	640.481
B	493+74.904	26.723	640.644	640.661
C	493+84.783	26.551	640.818	640.835
D	493+94.662	26.403	640.993	641.001
☉ Pier #1	494+06.080	26.260	641.197	641.197
E	494+15.960	26.162	641.374	641.411
F	494+25.841	26.087	641.552	641.624
G	494+35.722	26.035	641.731	641.827
H	494+45.604	26.006	641.912	642.016
I	494+55.485	26.001	642.093	642.189
J	494+65.366	26.019	642.275	642.347
K	494+75.248	26.060	642.458	642.495
☉ Pier #2	494+85.129	26.124	642.642	642.642
L	494+95.009	26.212	642.827	642.837
M	495+04.890	26.323	643.013	643.030
N	495+14.769	26.457	643.200	643.217
O	495+24.648	26.614	643.388	643.400
☉ Brg. N. Abut.	495+36.064	26.825	643.607	643.607
Bk. N. Abut.	495+37.490	26.853	643.634	643.634

BEAM #7

19 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. E.B. (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+50.264	33.588	640.480	640.480
☉ Brg. S. Abut.	493+51.688	33.553	640.504	640.504
A	493+61.549	33.327	640.676	640.687
B	493+71.412	33.124	640.848	640.865
C	493+81.276	32.944	641.022	641.039
D	493+91.140	32.787	641.196	641.207
☉ Pier #1	494+02.541	32.635	641.399	641.399
E	494+12.407	32.528	641.576	641.613
F	494+22.273	32.445	641.754	641.826
G	494+32.140	32.384	641.932	642.028
H	494+42.006	32.347	642.112	642.216
I	494+51.873	32.333	642.292	642.388
J	494+61.740	32.343	642.474	642.546
K	494+71.607	32.375	642.656	642.693
☉ Pier #2	494+81.473	32.431	642.840	642.840
L	494+91.340	32.510	643.024	643.034
M	495+01.206	32.612	643.210	643.227
N	495+11.071	32.738	643.396	643.413
O	495+20.936	32.886	643.584	643.596
☉ Brg. N. Abut.	495+32.335	33.087	643.801	643.801
Bk. N. Abut.	495+33.759	33.114	643.829	643.829

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

EAST BOUND DECK ELEVATIONS
IL. ROUTE 336 OVER
TRIBUTARY TO
KILLJORDAN CREEK
F.A.P. ROUTE 315 SECT. 55-2
MCDONOUGH COUNTY
STATION 494+75.00
STRUCTURE NO. 055-0060 (EB)



STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445
IL Design Firm Reg. No. 184-001518

5104-205-0060-EB.dwg 3/26/2005 9:08:12 AM