

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	55-2	MCDONOUGH	1025	484
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Contract No. 68205

SHEET NO. 6  
22 SHEETS

**BEAM #5**

6.333 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. W.B. (Left)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	494+00.466	7.226	639.687	639.687
☉ Brg. S. Abut.	494+01.920	7.259	639.712	639.712
A	494+11.995	7.472	639.888	639.899
B	494+22.070	7.663	640.065	640.082
C	494+32.147	7.829	640.243	640.260
D	494+42.224	7.972	640.422	640.433
☉ Pier #1	494+53.870	8.107	640.631	640.631
E	494+63.948	8.199	640.812	640.849
F	494+74.027	8.267	640.994	641.066
G	494+84.106	8.311	641.177	641.273
H	494+94.185	8.332	641.361	641.465
I	495+04.264	8.329	641.546	641.642
J	495+14.343	8.302	641.733	641.805
K	495+24.421	8.251	641.920	641.957
☉ Pier #2	495+34.500	8.177	642.108	642.108
L	495+44.578	8.079	642.297	642.307
M	495+54.655	7.957	642.487	642.504
N	495+64.732	7.812	642.678	642.695
O	495+74.809	7.642	642.871	642.883
☉ Brg. N. Abut.	495+86.452	7.417	643.094	643.094
Bk. N. Abut.	495+87.906	7.387	643.122	643.122

**BEAM #6**

12.667 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. W.B. (Left)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+96.935	0.809	639.892	639.892
☉ Brg. S. Abut.	493+98.386	0.843	639.917	639.917
A	494+08.445	1.065	640.092	640.103
B	494+18.505	1.264	640.269	640.286
C	494+28.566	1.438	640.446	640.463
D	494+38.628	1.590	640.624	640.635
☉ Pier #1	494+50.256	1.735	640.832	640.832
E	494+60.319	1.835	641.012	641.049
F	494+70.383	1.912	641.194	641.266
G	494+80.446	1.965	641.376	641.472
H	494+90.510	1.994	641.560	641.664
I	495+00.574	1.999	641.745	641.841
J	495+10.638	1.981	641.930	642.002
K	495+20.702	1.939	642.117	642.154
☉ Pier #2	495+30.765	1.874	642.304	642.304
L	495+40.828	1.784	642.493	642.503
M	495+50.891	1.671	642.682	642.699
N	495+60.953	1.535	642.873	642.890
O	495+71.014	1.374	643.064	643.076
☉ Brg. N. Abut.	495+82.641	1.160	643.287	643.287
Bk. N. Abut.	495+84.093	1.131	643.314	643.314

**WEST BOUND P.G.**

Varies to Right of Centerline of Structure

Location	Station	Offset from P.G. W.B.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+96.490	0.000	639.918	639.918
☉ Brg. S. Abut.	493+97.923	0.000	639.944	639.944
A	494+07.856	0.000	640.126	640.137
B	494+17.803	0.000	640.309	640.326
C	494+27.762	0.000	640.492	640.509
D	494+37.734	0.000	640.675	640.686
☉ Pier #1	494+49.275	0.000	640.887	640.887
E	494+59.275	0.000	641.070	641.107
F	494+69.289	0.000	641.254	641.326
G	494+79.316	0.000	641.438	641.534
H	494+89.357	0.000	641.623	641.727
I	494+99.411	0.000	641.807	641.903
J	495+09.480	0.000	641.992	642.064
K	495+19.562	0.000	642.177	642.214
☉ Pier #2	495+29.658	0.000	642.363	642.363
L	495+39.768	0.000	642.548	642.558
M	495+49.892	0.000	642.734	642.751
N	495+60.031	0.000	642.920	642.937
O	495+70.184	0.000	643.107	643.119
☉ Brg. N. Abut.	495+81.936	0.000	643.322	643.322
Bk. N. Abut.	495+83.405	0.000	643.349	643.349

**BEAM #7**

19 Ft. Right of Centerline of Structure

Location	Station	Offset from P.G. W.B. (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	493+93.413	5.611	640.097	640.097
☉ Brg. S. Abut.	493+94.863	5.576	640.122	640.122
A	494+04.906	5.345	640.297	640.308
B	494+14.951	5.138	640.472	640.489
C	494+24.996	4.955	640.649	640.666
D	494+35.043	4.795	640.827	640.838
☉ Pier #1	494+46.654	4.640	641.033	641.033
E	494+56.701	4.532	641.213	641.250
F	494+66.750	4.447	641.394	641.466
G	494+76.798	4.385	641.576	641.672
H	494+86.847	4.348	641.759	641.863
I	494+96.896	4.333	641.943	642.039
J	495+06.944	4.343	642.128	642.200
K	495+16.993	4.376	642.314	642.351
☉ Pier #2	495+27.042	4.433	642.501	642.501
L	495+37.090	4.513	642.689	642.699
M	495+47.138	4.617	642.877	642.894
N	495+57.185	4.745	643.067	643.084
O	495+67.232	4.897	643.258	643.270
☉ Brg. N. Abut.	495+78.841	5.101	643.480	643.480
Bk. N. Abut.	495+80.291	5.129	643.508	643.508

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

WEST 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. 055-0061 (WB)

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

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