

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.	SHEET NO. 4 22 SHEETS
F.A.P. 315	55-2	MCDONOUGH	10/25	460	
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT			

Contract No. 68205

BEAM #4

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+62.093	11.375	700.309	700.309
☉ W. Abut.	152+63.536	11.375	700.326	700.326
A	152+73.536	11.375	700.437	700.455
B	152+83.536	11.375	700.546	700.578
C	152+93.536	11.375	700.653	700.694
D	153+03.536	11.375	700.756	700.801
E	153+13.536	11.375	700.858	700.900
F	153+23.536	11.375	700.956	700.999
G	153+33.536	11.375	701.052	701.071
☉ Pier #1	153+45.093	11.375	701.160	701.160
H	153+55.093	11.375	701.250	701.285
I	153+65.093	11.375	701.337	701.404
J	153+75.093	11.375	701.423	701.515
K	153+85.093	11.375	701.505	701.614
L	153+95.093	11.375	701.585	701.701
M	154+05.093	11.375	701.662	701.775
N	154+15.093	11.375	701.737	701.836
O	154+25.093	11.375	701.809	701.886
P	154+35.093	11.375	701.878	701.926
☉ Pier #2	154+49.093	11.375	701.971	701.971
Q	154+59.093	11.375	702.034	702.059
R	154+69.093	11.375	702.094	702.143
S	154+79.093	11.375	702.152	702.218
T	154+89.093	11.375	702.208	702.284
U	154+99.093	11.375	702.260	702.338
V	155+09.093	11.375	702.310	702.381
W	155+19.093	11.375	702.358	702.414
X	155+29.093	11.375	702.403	702.438
☉ E. Abut.	155+42.649	11.375	702.459	702.459
Bk. E. Abut.	155+44.093	11.375	702.465	702.465

CENTERLINE CROWN

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+61.732	12.000	700.315	700.315
☉ W. Abut.	152+63.175	12.000	700.331	700.331
A	152+73.175	12.000	700.443	700.460
B	152+83.175	12.000	700.552	700.584
C	152+93.175	12.000	700.659	700.700
D	153+03.175	12.000	700.762	700.807
E	153+13.175	12.000	700.864	700.906
F	153+23.175	12.000	700.962	700.995
G	153+33.175	12.000	701.058	701.077
☉ Pier #1	153+44.732	12.000	701.166	701.166
H	153+54.732	12.000	701.256	701.291
I	153+64.732	12.000	701.344	701.411
J	153+74.732	12.000	701.429	701.521
K	153+84.732	12.000	701.512	701.621
L	153+94.732	12.000	701.592	701.708
M	154+04.732	12.000	701.669	701.782
N	154+14.732	12.000	701.744	701.843
O	154+24.732	12.000	701.816	701.893
P	154+34.732	12.000	701.885	701.933
☉ Pier #2	154+48.732	12.000	701.978	701.978
Q	154+58.732	12.000	702.041	702.067
R	154+68.732	12.000	702.102	702.150
S	154+78.732	12.000	702.160	702.226
T	154+88.732	12.000	702.215	702.292
U	154+98.732	12.000	702.268	702.346
V	155+08.732	12.000	702.318	702.389
W	155+18.732	12.000	702.366	702.422
X	155+28.732	12.000	702.411	702.446
☉ E. Abut.	155+42.288	12.000	702.468	702.468
Bk. E. Abut.	155+43.732	12.000	702.473	702.473

BEAM #5

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+59.062	16.625	700.212	700.212
☉ W. Abut.	152+60.505	16.625	700.229	700.229
A	152+70.505	16.625	700.341	700.359
B	152+80.505	16.625	700.451	700.483
C	152+90.505	16.625	700.558	700.600
D	153+00.505	16.625	700.663	700.708
E	153+10.505	16.625	700.765	700.807
F	153+20.505	16.625	700.864	700.897
G	153+30.505	16.625	700.961	700.980
☉ Pier #1	153+42.062	16.625	701.069	701.069
H	153+52.062	16.625	701.160	701.195
I	153+62.062	16.625	701.249	701.315
J	153+72.062	16.625	701.335	701.426
K	153+82.062	16.625	701.418	701.527
L	153+92.062	16.625	701.498	701.615
M	154+02.062	16.625	701.576	701.689
N	154+12.062	16.625	701.652	701.752
O	154+22.062	16.625	701.725	701.802
P	154+32.062	16.625	701.795	701.843
☉ Pier #2	154+46.062	16.625	701.889	701.889
Q	154+56.062	16.625	701.953	701.978
R	154+66.062	16.625	702.014	702.062
S	154+76.062	16.625	702.073	702.138
T	154+86.062	16.625	702.129	702.205
U	154+96.062	16.625	702.182	702.260
V	155+06.062	16.625	702.233	702.304
W	155+16.062	16.625	702.281	702.338
X	155+26.062	16.625	702.327	702.362
☉ E. Abut.	155+39.618	16.625	702.384	702.384
Bk. E. Abut.	155+41.062	16.625	702.390	702.390

BEAM #6

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+56.030	21.875	700.096	700.096
☉ W. Abut.	152+57.474	21.875	700.112	700.112
A	152+67.474	21.875	700.225	700.243
B	152+77.474	21.875	700.336	700.368
C	152+87.474	21.875	700.444	700.485
D	152+97.474	21.875	700.549	700.594
E	153+07.474	21.875	700.652	700.694
F	153+17.474	21.875	700.752	700.785
G	153+27.474	21.875	700.850	700.869
☉ Pier #1	153+39.030	21.875	700.959	700.959
H	153+49.030	21.875	701.051	701.086
I	153+59.030	21.875	701.140	701.207
J	153+69.030	21.875	701.227	701.319
K	153+79.030	21.875	701.311	701.420
L	153+89.030	21.875	701.392	701.508
M	153+99.030	21.875	701.471	701.584
N	154+09.030	21.875	701.547	701.647
O	154+19.030	21.875	701.621	701.698
P	154+29.030	21.875	701.692	701.740
☉ Pier #2	154+43.030	21.875	701.787	701.787
Q	154+53.030	21.875	701.851	701.877
R	154+63.030	21.875	701.914	701.962
S	154+73.030	21.875	701.973	702.039
T	154+83.030	21.875	702.030	702.106
U	154+93.030	21.875	702.084	702.162
V	155+03.030	21.875	702.136	702.207
W	155+13.030	21.875	702.185	702.241
X	155+23.030	21.875	702.231	702.266
☉ E. Abut.	155+36.587	21.875	702.290	702.290
Bk. E. Abut.	155+38.030	21.875	702.296	702.296

BEAM #7

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+52.999	27.125	699.962	699.962
☉ W. Abut.	152+54.443	27.125	699.979	699.979
A	152+64.443	27.125	700.093	700.110
B	152+74.443	27.125	700.204	700.236
C	152+84.443	27.125	700.313	700.355
D	152+94.443	27.125	700.419	700.464
E	153+04.443	27.125	700.523	700.565
F	153+14.443	27.125	700.624	700.657
G	153+24.443	27.125	700.722	700.741
☉ Pier #1	153+35.999	27.125	700.832	700.832
H	153+45.999	27.125	700.925	700.960
I	153+55.999	27.125	701.015	701.082
J	153+65.999	27.125	701.102	701.194
K	153+75.999	27.125	701.187	701.296
L	153+85.999	27.125	701.269	701.386
M	153+95.999	27.125	701.349	701.462
N	154+05.999	27.125	701.426	701.526
O	154+15.999	27.125	701.500	701.578
P	154+25.999	27.125	701.572	701.620
☉ Pier #2	154+39.999	27.125	701.668	701.668
Q	154+49.999	27.125	701.734	701.759
R	154+59.999	27.125	701.797	701.845
S	154+69.999	27.125	701.857	701.923
T	154+79.999	27.125	701.915	701.991
U	154+89.999	27.125	701.970	702.048
V	154+99.999	27.125	702.022	702.093
W	155+09.999	27.125	702.072	702.128
X	155+19.999	27.125	702.119	702.154
☉ E. Abut.	155+33.556	27.125	702.179	702.179
Bk. E. Abut.	155+34.999	27.125	702.185	702.185

BEAM #8

Location	Station	Offset (Right)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	152+49.968	32.375	699.818	699.818
☉ W. Abut.	152+51.412	32.375	699.835	699.835
A	152+61.412	32.375	699.949	699.967
B	152+71.412	32.375	700.062	700.093
C	152+81.412	32.375	700.171	700.213
D	152+91.412	32.375	700.278	700.323
E	153+01.412	32.375	700.382	700.424
F	153+11.412	32.375	700.484	700.517
G	153+21.412	32.375	700.583	700.602
☉ Pier #1	153+32.968	32.375	700.694	700.694
H	153+42.968	32.375	700.788	700.823
I	153+52.968	32.375	700.879	700.945
J	153+62.968	32.375	700.967	701.059
K	153+72.968	32.375	701.052	701.161
L	153+82.968	32.375	701.135	701.252
M	153+92.968	32.375	701.216	701.329
N	154+02.968	32.375	701.294	701.393
O	154+12.968	32.375	701.369	701.446
P	154+22.968	32.375	701.441	701.489
☉ Pier #2	154+36.968	32.375	701.539	701.539
Q	154+46.968	32.375	701.605	701.630
R	154+56.968	32.375	701.669	701.717
S	154+66.968	32.375	701.730	701.795
T	154+76.968	32.375	701.788	701.864
U	154+86.968	32.375	701.844	701.922
V	154+96.968	32.375	701.897	701.968
W	155+06.968	32.375	701.948	702.004
X	155+16.968	32.375	701.996	702.031
☉ E. Abut.	155+30.525	32.375	702.057	702.057
Bk. E. Abut.	155+31.968	32.375	702.063	702.063

DESIGNED	P.J.L
CHECKED	LLV
DRAWN	MGM
CHECKED	P.J.L