

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	(15,21-25HB-2)BR	DOUGLAS	65	42
FED. ROAD DIST. NO. 5		ILLINOIS PROJECT		

Sheet 6 of 22 CONTRACT #90952

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4887.445	-6.458	696.421	696.442
☉ Brg. W. Abut.	4889.695	-6.458	696.422	696.443
A	4899.695	-6.458	696.424	696.450
B	4909.695	-6.458	696.422	696.448
C	4919.695	-6.458	696.416	696.439
☉ Pier 1	4932.945	-6.458	696.402	696.423
D	4942.945	-6.458	696.387	696.424
E	4952.945	-6.458	696.368	696.418
F	4962.945	-6.458	696.345	696.404
G	4972.945	-6.458	696.318	696.372
H	4982.945	-6.458	696.286	696.329
I	4992.945	-6.458	696.251	696.281
☉ Pier 2	5000.195	-6.458	696.223	696.244
J	5010.195	-6.458	696.181	696.215
K	5020.195	-6.458	696.135	696.181
L	5030.195	-6.458	696.085	696.143
M	5040.195	-6.458	696.031	696.088
N	5050.195	-6.458	695.973	696.020
O	5060.195	-6.458	695.911	695.943
☉ Pier 3	5067.445	-6.458	695.863	695.884
P	5077.445	-6.458	695.794	695.815
Q	5087.445	-6.458	695.721	695.747
R	5097.445	-6.458	695.644	695.671
☉ Brg. E. Abut.	5108.945	-6.458	695.551	695.572
Bk. E. Abut.	5111.195	-6.458	695.532	695.553

ROADWAY & BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4887.250	0.000	696.522	696.543
☉ Brg. W. Abut.	4889.500	0.000	696.523	696.544
A	4899.500	0.000	696.525	696.551
B	4909.500	0.000	696.523	696.549
C	4919.500	0.000	696.517	696.540
☉ Pier 1	4932.750	0.000	696.504	696.525
D	4942.750	0.000	696.488	696.525
E	4952.750	0.000	696.469	696.519
F	4962.750	0.000	696.446	696.506
G	4972.750	0.000	696.419	696.474
H	4982.750	0.000	696.388	696.430
I	4992.750	0.000	696.353	696.383
☉ Pier 2	5000.000	0.000	696.325	696.346
J	5010.000	0.000	696.283	696.316
K	5020.000	0.000	696.237	696.283
L	5030.000	0.000	696.187	696.245
M	5040.000	0.000	696.133	696.190
N	5050.000	0.000	696.075	696.122
O	5060.000	0.000	696.013	696.045
☉ Pier 3	5067.250	0.000	695.966	695.987
P	5077.250	0.000	695.897	695.918
Q	5087.250	0.000	695.824	695.850
R	5097.250	0.000	695.747	695.773
☉ Brg. E. Abut.	5108.750	0.000	695.653	695.674
Bk. E. Abut.	5111.000	0.000	695.635	695.656

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4887.152	3.250	696.471	696.492
☉ Brg. W. Abut.	4889.402	3.250	696.472	696.493
A	4899.402	3.250	696.474	696.500
B	4909.402	3.250	696.472	696.499
C	4919.402	3.250	696.467	696.489
☉ Pier 1	4932.652	3.250	696.453	696.474
D	4942.652	3.250	696.438	696.474
E	4952.652	3.250	696.419	696.469
F	4962.652	3.250	696.396	696.455
G	4972.652	3.250	696.369	696.423
H	4982.652	3.250	696.338	696.380
I	4992.652	3.250	696.303	696.333
☉ Pier 2	4999.902	3.250	696.275	696.296
J	5009.902	3.250	696.233	696.266
K	5019.902	3.250	696.187	696.232
L	5029.902	3.250	696.137	696.195
M	5039.902	3.250	696.083	696.140
N	5049.902	3.250	696.025	696.072
O	5059.902	3.250	695.963	695.995
☉ Pier 3	5067.152	3.250	695.915	695.936
P	5077.152	3.250	695.847	695.868
Q	5087.152	3.250	695.774	695.800
R	5097.152	3.250	695.697	695.723
☉ Brg. E. Abut.	5108.652	3.250	695.603	695.624
Bk. E. Abut.	5110.902	3.250	695.585	695.606

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4887.055	6.458	696.421	696.442
☉ Brg. W. Abut.	4889.305	6.458	696.422	696.443
A	4899.305	6.458	696.424	696.450
B	4909.305	6.458	696.422	696.449
C	4919.305	6.458	696.417	696.439
☉ Pier 1	4932.555	6.458	696.403	696.424
D	4942.555	6.458	696.388	696.424
E	4952.555	6.458	696.369	696.419
F	4962.555	6.458	696.346	696.405
G	4972.555	6.458	696.319	696.374
H	4982.555	6.458	696.288	696.330
I	4992.555	6.458	696.253	696.283
☉ Pier 2	4999.805	6.458	696.225	696.246
J	5009.805	6.458	696.183	696.216
K	5019.805	6.458	696.137	696.183
L	5029.805	6.458	696.087	696.145
M	5039.805	6.458	696.033	696.090
N	5049.805	6.458	695.975	696.023
O	5059.805	6.458	695.913	695.946
☉ Pier 3	5067.055	6.458	695.866	695.887
P	5077.055	6.458	695.797	695.818
Q	5087.055	6.458	695.724	695.750
R	5097.055	6.458	695.647	695.674
☉ Brg. E. Abut.	5108.555	6.458	695.554	695.575
Bk. E. Abut.	5110.805	6.458	695.535	695.556

SOUTH PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4887.008	8.000	696.397	696.418
☉ Brg. W. Abut.	4889.258	8.000	696.398	696.419
A	4899.258	8.000	696.400	696.426
B	4909.258	8.000	696.398	696.425
C	4919.258	8.000	696.393	696.415
☉ Pier 1	4932.508	8.000	696.379	696.400
D	4942.508	8.000	696.364	696.400
E	4952.508	8.000	696.345	696.395
F	4962.508	8.000	696.322	696.381
G	4972.508	8.000	696.295	696.350
H	4982.508	8.000	696.264	696.306
I	4992.508	8.000	696.229	696.259
☉ Pier 2	4999.758	8.000	696.201	696.222
J	5009.758	8.000	696.159	696.192
K	5019.758	8.000	696.113	696.159
L	5029.758	8.000	696.063	696.121
M	5039.758	8.000	696.009	696.066
N	5049.758	8.000	695.951	695.999
O	5059.758	8.000	695.890	695.922
☉ Pier 3	5067.008	8.000	695.842	695.863
P	5077.008	8.000	695.773	695.794
Q	5087.008	8.000	695.701	695.726
R	5097.008	8.000	695.624	695.650
☉ Brg. E. Abut.	5108.508	8.000	695.530	695.551
Bk. E. Abut.	5110.758	8.000	695.512	695.533

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4886.859	12.917	696.320	696.341
☉ Brg. W. Abut.	4889.109	12.917	696.321	696.342
A	4899.109	12.917	696.323	696.349
B	4909.109	12.917	696.321	696.348
C	4919.109	12.917	696.316	696.338
☉ Pier 1	4932.359	12.917	696.302	696.323
D	4942.359	12.917	696.287	696.324
E	4952.359	12.917	696.268	696.318
F	4962.359	12.917	696.245	696.305
G	4972.359	12.917	696.218	696.273
H	4982.359	12.917	696.187	696.230
I	4992.359	12.917	696.153	696.183
☉ Pier 2	4999.609	12.917	696.125	696.146
J	5009.609	12.917	696.083	696.116
K	5019.609	12.917	696.037	696.083
L	5029.609	12.917	695.987	696.045
M	5039.609	12.917	695.933	695.990
N	5049.609	12.917	695.875	695.923
O	5059.609	12.917	695.814	695.846
☉ Pier 3	5066.859	12.917	695.766	695.787
P	5076.859	12.917	695.698	695.719
Q	5086.859	12.917	695.625	695.651
R	5096.859	12.917	695.548	695.574
☉ Brg. E. Abut.	5108.359	12.917	695.455	695.476
Bk. E. Abut.	5110.609	12.917	695.436	695.457

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	4886.664	19.375	696.219	696.240
☉ Brg. W. Abut.	4888.914	19.375	696.220	696.241
A	4898.914	19.375	696.222	696.248
B	4908.914	19.375	696.221	696.247
C	4918.914	19.375	696.215	696.237
☉ Pier 1	4932.164	19.375	696.202	696.223
D	4942.164	19.375	696.187	696.223
E	4952.164	19.375	696.168	696.218
F	4962.164	19.375	696.145	696.204
G	4972.164	19.375	696.118	696.173
H	4982.164	19.375	696.087	696.130
I	4992.164	19.375	696.052	696.082
☉ Pier 2	4999.414	19.375	696.025	696.046
J	5009.414	19.375	695.983	696.016
K	5019.414	19.375	695.937	695.983
L	5029.414	19.375	695.887	695.945
M	5039.414	19.375	695.833	695.890