

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	10-32HB-3K	CHAMPAIGN	352	113
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 4
27 SHEETS

Contract #90758

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-43.333	724.051	724.072
CL.BRG.W.ABUT.	27+11.800	-43.333	724.056	724.077
A	27+21.800	-43.333	724.090	724.139
B	27+31.800	-43.333	724.121	724.198
C	27+41.800	-43.333	724.149	724.249
D	27+51.800	-43.333	724.174	724.284
E	27+61.800	-43.333	724.195	724.316
F	27+71.800	-43.333	724.214	724.332
G	27+81.800	-43.333	724.229	724.335
H	27+91.800	-43.333	724.241	724.336
I	28+01.800	-43.333	724.250	724.319
J	28+11.800	-43.333	724.256	724.298
W.CL.BRG.PIER	28+19.550	-43.333	724.258	724.279
CL.PIER	28+20.300	-43.333	724.258	724.279
E.CL.BRG.PIER	28+21.050	-43.333	724.258	724.279
K	28+31.050	-43.333	724.258	724.306
L	28+41.050	-43.333	724.254	724.329
M	28+51.050	-43.333	724.248	724.347
N	28+61.050	-43.333	724.238	724.347
O	28+71.050	-43.333	724.225	724.346
P	28+81.050	-43.333	724.209	724.327
Q	28+91.050	-43.333	724.190	724.297
R	29+01.050	-43.333	724.167	724.264
S	29+11.050	-43.333	724.142	724.212
T	29+21.050	-43.333	724.113	724.155
CL.BRG.E.ABUT.	29+28.800	-43.333	724.088	724.109
BK.E.ABUT.	29+30.300	-43.333	724.083	724.104

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-36.667	724.191	724.212
CL.BRG.W.ABUT.	27+11.800	-36.667	724.196	724.217
A	27+21.800	-36.667	724.230	724.279
B	27+31.800	-36.667	724.261	724.338
C	27+41.800	-36.667	724.289	724.389
D	27+51.800	-36.667	724.314	724.424
E	27+61.800	-36.667	724.335	724.456
F	27+71.800	-36.667	724.354	724.472
G	27+81.800	-36.667	724.369	724.475
H	27+91.800	-36.667	724.381	724.476
I	28+01.800	-36.667	724.390	724.459
J	28+11.800	-36.667	724.396	724.438
W.CL.BRG.PIER	28+19.550	-36.667	724.398	724.419
CL.PIER	28+20.300	-36.667	724.398	724.419
E.CL.BRG.PIER	28+21.050	-36.667	724.398	724.419
K	28+31.050	-36.667	724.398	724.446
L	28+41.050	-36.667	724.394	724.469
M	28+51.050	-36.667	724.388	724.485
N	28+61.050	-36.667	724.387	724.487
O	28+71.050	-36.667	724.365	724.486
P	28+81.050	-36.667	724.349	724.467
Q	28+91.050	-36.667	724.330	724.437
R	29+01.050	-36.667	724.307	724.404
S	29+11.050	-36.667	724.282	724.352
T	29+21.050	-36.667	724.253	724.295
CL.BRG.E.ABUT.	29+28.800	-36.667	724.228	724.249
BK.E.ABUT.	29+30.300	-36.667	724.223	724.244

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-30.000	724.331	724.352
CL.BRG.W.ABUT.	27+11.800	-30.000	724.336	724.357
A	27+21.800	-30.000	724.370	724.419
B	27+31.800	-30.000	724.401	724.478
C	27+41.800	-30.000	724.429	724.529
D	27+51.800	-30.000	724.454	724.564
E	27+61.800	-30.000	724.475	724.596
F	27+71.800	-30.000	724.494	724.612
G	27+81.800	-30.000	724.509	724.615
H	27+91.800	-30.000	724.521	724.616
I	28+01.800	-30.000	724.530	724.599
J	28+11.800	-30.000	724.536	724.578
W.CL.BRG.PIER	28+19.550	-30.000	724.538	724.559
CL.PIER	28+20.300	-30.000	724.538	724.559
E.CL.BRG.PIER	28+21.050	-30.000	724.538	724.559
K	28+31.050	-30.000	724.538	724.586
L	28+41.050	-30.000	724.534	724.609
M	28+51.050	-30.000	724.528	724.625
N	28+61.050	-30.000	724.518	724.627
O	28+71.050	-30.000	724.505	724.626
P	28+81.050	-30.000	724.489	724.607
Q	28+91.050	-30.000	724.470	724.577
R	29+01.050	-30.000	724.447	724.544
S	29+11.050	-30.000	724.422	724.492
T	29+21.050	-30.000	724.393	724.435
CL.BRG.E.ABUT.	29+28.800	-30.000	724.368	724.389
BK.E.ABUT.	29+30.300	-30.000	724.363	724.384

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-23.334	724.471	724.492
CL.BRG.W.ABUT.	27+11.800	-23.334	724.476	724.497
A	27+21.800	-23.334	724.510	724.559
B	27+31.800	-23.334	724.541	724.618
C	27+41.800	-23.334	724.569	724.669
D	27+51.800	-23.334	724.594	724.704
E	27+61.800	-23.334	724.615	724.736
F	27+71.800	-23.334	724.632	724.752
G	27+81.800	-23.334	724.649	724.755
H	27+91.800	-23.334	724.661	724.756
I	28+01.800	-23.334	724.670	724.739
J	28+11.800	-23.334	724.676	724.718
W.CL.BRG.PIER	28+19.550	-23.334	724.678	724.699
CL.PIER	28+20.300	-23.334	724.678	724.699
E.CL.BRG.PIER	28+21.050	-23.334	724.678	724.699
K	28+31.050	-23.334	724.678	724.726
L	28+41.050	-23.334	724.674	724.749
M	28+51.050	-23.334	724.654	724.765
N	28+61.050	-23.334	724.634	724.767
O	28+71.050	-23.334	724.615	724.766
P	28+81.050	-23.334	724.594	724.747
Q	28+91.050	-23.334	724.577	724.717
R	29+01.050	-23.334	724.558	724.684
S	29+11.050	-23.334	724.562	724.632
T	29+21.050	-23.334	724.533	724.575
CL.BRG.E.ABUT.	29+28.800	-23.334	724.508	724.529
BK.E.ABUT.	29+30.300	-23.334	724.503	724.524

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-16.667	724.611	724.632
CL.BRG.W.ABUT.	27+11.800	-16.667	724.616	724.637
A	27+21.800	-16.667	724.650	724.699
B	27+31.800	-16.667	724.681	724.758
C	27+41.800	-16.667	724.709	724.809
D	27+51.800	-16.667	724.734	724.844
E	27+61.800	-16.667	724.755	724.876
F	27+71.800	-16.667	724.774	724.892
G	27+81.800	-16.667	724.789	724.895
H	27+91.800	-16.667	724.801	724.896
I	28+01.800	-16.667	724.810	724.879
J	28+11.800	-16.667	724.816	724.858
W.CL.BRG.PIER	28+19.550	-16.667	724.818	724.839
CL.PIER	28+20.300	-16.667	724.818	724.839
E.CL.BRG.PIER	28+21.050	-16.667	724.818	724.839
K	28+31.050	-16.667	724.818	724.866
L	28+41.050	-16.667	724.814	724.889
M	28+51.050	-16.667	724.808	724.905
N	28+61.050	-16.667	724.798	724.907
O	28+71.050	-16.667	724.785	724.906
P	28+81.050	-16.667	724.769	724.887
Q	28+91.050	-16.667	724.750	724.857
R	29+01.050	-16.667	724.727	724.824
S	29+11.050	-16.667	724.702	724.772
T	29+21.050	-16.667	724.673	724.715
CL.BRG.E.ABUT.	29+28.800	-16.667	724.648	724.669
BK.E.ABUT.	29+30.300	-16.667	724.643	724.664

NORTH PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-11.000	724.730	724.751
CL.BRG.W.ABUT.	27+11.800	-11.000	724.735	724.756
A	27+21.800	-11.000	724.769	724.818
B	27+31.800	-11.000	724.800	724.877
C	27+41.800	-11.000	724.828	724.928
D	27+51.800	-11.000	724.853	724.963
E	27+61.800	-11.000	724.874	724.995
F	27+71.800	-11.000	724.893	725.011
G	27+81.800	-11.000	724.908	725.014
H	27+91.800	-11.000	724.920	725.015
I	28+01.800	-11.000	724.929	724.998
J	28+11.800	-11.000	724.935	724.977
W.CL.BRG.PIER	28+19.550	-11.000	724.937	724.958
CL.PIER	28+20.300	-11.000	724.937	724.958
E.CL.BRG.PIER	28+21.050	-11.000	724.937	724.958
K	28+31.050	-11.000	724.937	724.985
L	28+41.050	-11.000	724.933	725.008
M	28+51.050	-11.000	724.927	725.024
N	28+61.050	-11.000	724.917	725.026
O	28+71.050	-11.000	724.904	725.025
P	28+81.050	-11.000	724.888	725.006
Q	28+91.050	-11.000	724.869	724.976
R	29+01.050	-11.000	724.846	724.943
S	29+11.050	-11.000	724.821	724.891
T	29+21.050	-11.000	724.792	724.834
CL.BRG.E.ABUT.	29+28.800	-11.000	724.767	724.788
BK.E.ABUT.	29+30.300	-11.000	724.762	724.783

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	-10.000	724.751	724.772
CL.BRG.W.ABUT.	27+11.800	-10.000	724.756	724.777
A	27+21.800	-10.000	724.790	724.839
B	27+31.800	-10.000	724.821	724.898
C	27+41.800	-10.000	724.849	724.949
D	27+51.800	-10.000	724.874	724.984
E	27+61.800	-10.000	724.895	725.016
F	27+71.800	-10.000	724.914	725.032
G	27+81.800	-10.000	724.929	725.035
H	27+91.800	-10.000	724.941	725.036
I	28+01.800	-10.000	724.950	725.019
J	28+11.800	-10.000	724.956	724.998
W.CL.BRG.PIER	28+19.550	-10.000	724.958	724.979
CL.PIER	28+20.300	-10.000	724.958	724.979
E.CL.BRG.PIER	28+21.050	-10.000	724.958	724.979
K	28+31.050	-10.000	724.958	725.006
L	28+41.050	-10.000	724.954	725.029
M	28+51.050	-10.000	724.948	725.045
N	28+61.050	-10.000	724.938	725.047
O	28+71.050	-10.000	724.925	