

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	10-32HB-3.K	CHAMPAIGN	352	114
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5  
27 SHEETS

Contract #90758

☉ F.A.P. RTE. 807 AND OPTIONAL  
LONGITUDINAL CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	0.000	724.961	724.982
CL.BRG.W.ABUT.	27+11.800	0.000	724.966	724.987
A	27+21.800	0.000	725.000	725.049
B	27+31.800	0.000	725.031	725.108
C	27+41.800	0.000	725.059	725.159
D	27+51.800	0.000	725.084	725.194
E	27+61.800	0.000	725.105	725.226
F	27+71.800	0.000	725.124	725.242
G	27+81.800	0.000	725.139	725.245
H	27+91.800	0.000	725.151	725.246
I	28+01.800	0.000	725.160	725.229
J	28+11.800	0.000	725.166	725.208
W.CL.BRG.PIER	28+19.550	0.000	725.168	725.189
CL.PIER	28+20.300	0.000	725.168	725.189
E.CL.BRG.PIER	28+21.050	0.000	725.168	725.189
K	28+31.050	0.000	725.168	725.216
L	28+41.050	0.000	725.164	725.239
M	28+51.050	0.000	725.155	725.256
N	28+61.050	0.000	725.148	725.257
O	28+71.050	0.000	725.135	725.256
P	28+81.050	0.000	725.119	725.237
Q	28+91.050	0.000	725.100	725.207
R	29+01.050	0.000	725.077	725.174
S	29+11.050	0.000	725.052	725.122
T	29+21.050	0.000	725.023	725.065
CL.BRG.E.ABUT.	29+28.800	0.000	724.998	725.019
BK.E.ABUT.	29+30.300	0.000	724.993	725.014

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding
BK.W.ABUT.	27+10.300	3.333	724.891	724.912
CL.BRG.W.ABUT.	27+11.800	3.333	724.896	724.917
A	27+21.800	3.333	724.930	724.979
B	27+31.800	3.333	724.961	725.038
C	27+41.800	3.333	724.989	725.089
D	27+51.800	3.333	725.014	725.124
E	27+61.800	3.333	725.035	725.156
F	27+71.800	3.333	725.054	725.172
G	27+81.800	3.333	725.069	725.175
H	27+91.800	3.333	725.081	725.176
I	28+01.800	3.333	725.090	725.159
J	28+11.800	3.333	725.096	725.138
W.CL.BRG.PIER	28+19.550	3.333	725.098	725.119
CL.PIER	28+20.300	3.333	725.098	725.119
E.CL.BRG.PIER	28+21.050	3.333	725.098	725.119
K	28+31.050	3.333	725.098	725.146
L	28+41.050	3.333	725.094	725.169
M	28+51.050	3.333	725.088	725.185
N	28+61.050	3.333	725.078	725.187
O	28+71.050	3.333	725.065	725.186
P	28+81.050	3.333	725.049	725.167
Q	28+91.050	3.333	725.030	725.137
R	29+01.050	3.333	725.104	725.104
S	29+11.050	3.333	724.982	725.052
T	29+21.050	3.333	724.953	724.995
CL.BRG.E.ABUT.	29+28.800	3.333	724.928	724.949
BK.E.ABUT.	29+30.300	3.333	724.923	724.944

BEAM 9

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	725.045	725.045
N	28+61.050	10.000	724.938	725.047
O	28+71.050	10.000	724.925	725.046
P	28+81.050	10.000	724.909	725.027
Q	28+91.050	10.000	724.890	724.997
R	29+01.050	10.000	724.867	724.964
S	29+11.050	10.000	724.842	724.912
T	29+21.050	10.000	724.813	724.855
CL.BRG.E.ABUT.	29+28.800	10.000	724.788	724.809
BK.E.ABUT.	29+30.300	10.000	724.783	724.804

SOUTH 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 10

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

BEAM 11

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	724.634	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	724.668	724.765
N	28+61.050	23.334	724.658	724.767
O	28+71.050	23.334	724.645	724.766
P	28+81.050	23.334	724.629	724.747
Q	28+91.050	23.334	724.610	724.717
R	29+01.050	23.334	724.587	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 12

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				