

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	98
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62388	

BEAM A1

BEAM A2

BEAM A3

CENTERLINE ROADWAY & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	4+523.979	-7.350	183.551	183.551
⊕ Brg. S. Abut.	4+524.929	-7.350	183.593	183.593
A	4+527.929	-7.350	183.728	183.746
B	4+530.929	-7.350	183.863	183.896
C	4+533.929	-7.350	183.998	184.041
D	4+536.929	-7.350	184.133	184.180
E	4+539.929	-7.350	184.268	184.313
F	4+542.929	-7.350	184.403	184.440
G	4+545.929	-7.350	184.538	184.564
H	4+548.929	-7.350	184.673	184.686
⊕ Brg. Pier 1	4+552.929	-7.350	184.853	184.853
I	4+555.929	-7.350	184.988	184.986
J	4+558.929	-7.350	185.123	185.124
K	4+561.929	-7.350	185.258	185.264
L	4+564.929	-7.350	185.393	185.402
M	4+567.929	-7.350	185.528	185.538
N	4+570.929	-7.350	185.663	185.671
O	4+573.929	-7.350	185.798	185.803
P	4+576.929	-7.350	185.933	185.934
⊕ Brg. Pier 2	4+580.929	-7.350	186.113	186.113
Q	4+583.929	-7.350	186.248	186.254
R	4+586.929	-7.350	186.383	186.397
S	4+589.929	-7.350	186.518	186.541
T	4+592.929	-7.350	186.653	186.681
U	4+595.929	-7.350	186.788	186.818
V	4+598.929	-7.350	186.923	186.950
W	4+601.929	-7.350	187.058	187.078
X	4+604.929	-7.350	187.193	187.204
⊕ Brg. Pier 3	4+608.929	-7.350	187.373	187.373
Y	4+611.929	-7.350	187.508	187.506
Z	4+614.929	-7.350	187.643	187.643
A1	4+617.929	-7.350	187.778	187.780
B1	4+620.929	-7.350	187.913	187.915
C1	4+623.929	-7.350	188.048	188.048
D1	4+626.929	-7.350	188.183	188.182
⊕ Brg. Pier 4	4+629.929	-7.350	188.318	188.318
E1	4+632.929	-7.350	188.453	188.460
F1	4+635.929	-7.350	188.588	188.605
G1	4+638.929	-7.350	188.723	188.745
H1	4+641.929	-7.350	188.858	188.875
I1	4+644.929	-7.350	188.993	188.996
J1	4+647.929	-7.350	189.128	189.107
K1	4+650.929	-7.350	189.263	189.211
⊕ Brg. Pier 5	4+654.929	-7.350	189.344	189.344
L1	4+657.929	-7.350	189.446	189.446
M1	4+660.929	-7.350	189.543	189.546
N1	4+663.929	-7.350	189.635	189.641
O1	4+666.929	-7.350	189.723	189.730
P1	4+669.929	-7.350	189.806	189.810
⊕ Brg. Pier 6	4+672.639	-7.350	189.876	189.876
⊕ Pier 6	4+672.929	-7.350	189.884	189.884

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	4+523.979	-4.820	183.590	183.590
⊕ Brg. S. Abut.	4+524.929	-4.820	183.632	183.632
A	4+527.929	-4.820	183.767	183.785
B	4+530.929	-4.820	183.902	183.935
C	4+533.929	-4.820	184.037	184.080
D	4+536.929	-4.820	184.172	184.219
E	4+539.929	-4.820	184.307	184.352
F	4+542.929	-4.820	184.442	184.479
G	4+545.929	-4.820	184.577	184.603
H	4+548.929	-4.820	184.712	184.725
⊕ Brg. Pier 1	4+552.929	-4.820	184.892	184.892
I	4+555.929	-4.820	185.027	185.025
J	4+558.929	-4.820	185.162	185.163
K	4+561.929	-4.820	185.297	185.303
L	4+564.929	-4.820	185.432	185.441
M	4+567.929	-4.820	185.567	185.577
N	4+570.929	-4.820	185.702	185.710
O	4+573.929	-4.820	185.837	185.842
P	4+576.929	-4.820	185.972	185.973
⊕ Brg. Pier 2	4+580.929	-4.820	186.152	186.152
Q	4+583.929	-4.820	186.287	186.293
R	4+586.929	-4.820	186.422	186.436
S	4+589.929	-4.820	186.557	186.580
T	4+592.929	-4.820	186.692	186.720
U	4+595.929	-4.820	186.827	186.857
V	4+598.929	-4.820	186.962	186.989
W	4+601.929	-4.820	187.097	187.117
X	4+604.929	-4.820	187.232	187.243
⊕ Brg. Pier 3	4+608.929	-4.820	187.412	187.412
Y	4+611.929	-4.820	187.547	187.545
Z	4+614.929	-4.820	187.682	187.682
A1	4+617.929	-4.820	187.817	187.819
B1	4+620.929	-4.820	187.952	187.954
C1	4+623.929	-4.820	188.087	188.087
D1	4+626.929	-4.820	188.222	188.221
⊕ Brg. Pier 4	4+629.929	-4.820	188.357	188.357
E1	4+632.929	-4.820	188.492	188.499
F1	4+635.929	-4.820	188.627	188.644
G1	4+638.929	-4.820	188.762	188.784
H1	4+641.929	-4.820	188.897	188.914
I1	4+644.929	-4.820	189.032	189.035
J1	4+647.929	-4.820	189.167	189.145
K1	4+650.929	-4.820	189.302	189.249
⊕ Brg. Pier 5	4+654.929	-4.820	189.382	189.382
L1	4+657.929	-4.820	189.484	189.484
M1	4+660.929	-4.820	189.581	189.584
N1	4+663.929	-4.820	189.674	189.680
O1	4+666.929	-4.820	189.761	189.768
P1	4+669.929	-4.820	189.844	189.848
⊕ Brg. Pier 6	4+672.639	-4.820	189.915	189.915
⊕ Pier 6	4+672.929	-4.820	189.923	189.923

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	4+523.979	-2.290	183.628	183.628
⊕ Brg. S. Abut.	4+524.929	-2.290	183.670	183.670
A	4+527.929	-2.290	183.805	183.823
B	4+530.929	-2.290	183.940	183.973
C	4+533.929	-2.290	184.075	184.118
D	4+536.929	-2.290	184.210	184.257
E	4+539.929	-2.290	184.345	184.390
F	4+542.929	-2.290	184.480	184.517
G	4+545.929	-2.290	184.615	184.641
H	4+548.929	-2.290	184.750	184.763
⊕ Brg. Pier 1	4+552.929	-2.290	184.930	184.930
I	4+555.929	-2.290	185.065	185.063
J	4+558.929	-2.290	185.200	185.201
K	4+561.929	-2.290	185.335	185.341
L	4+564.929	-2.290	185.470	185.479
M	4+567.929	-2.290	185.605	185.615
N	4+570.929	-2.290	185.740	185.748
O	4+573.929	-2.290	185.875	185.880
P	4+576.929	-2.290	186.010	186.011
⊕ Brg. Pier 2	4+580.929	-2.290	186.190	186.190
Q	4+583.929	-2.290	186.325	186.331
R	4+586.929	-2.290	186.460	186.474
S	4+589.929	-2.290	186.595	186.618
T	4+592.929	-2.290	186.730	186.758
U	4+595.929	-2.290	186.865	186.895
V	4+598.929	-2.290	187.000	187.027
W	4+601.929	-2.290	187.135	187.155
X	4+604.929	-2.290	187.270	187.281
⊕ Brg. Pier 3	4+608.929	-2.290	187.450	187.450
Y	4+611.929	-2.290	187.585	187.583
Z	4+614.929	-2.290	187.720	187.720
A1	4+617.929	-2.290	187.855	187.857
B1	4+620.929	-2.290	187.990	187.992
C1	4+623.929	-2.290	188.125	188.125
D1	4+626.929	-2.290	188.260	188.259
⊕ Brg. Pier 4	4+629.929	-2.290	188.395	188.395
E1	4+632.929	-2.290	188.530	188.537
F1	4+635.929	-2.290	188.665	188.682
G1	4+638.929	-2.290	188.800	188.822
H1	4+641.929	-2.290	188.935	188.952
I1	4+644.929	-2.290	189.070	189.073
J1	4+647.929	-2.290	189.205	189.183
K1	4+650.929	-2.290	189.340	189.287
⊕ Brg. Pier 5	4+654.929	-2.290	189.420	189.420
L1	4+657.929	-2.290	189.522	189.522
M1	4+660.929	-2.290	189.619	189.622
N1	4+663.929	-2.290	189.712	189.718
O1	4+666.929	-2.290	189.799	189.806
P1	4+669.929	-2.290	189.882	189.886
⊕ Brg. Pier 6	4+672.639	-2.290	189.953	189.953
⊕ Pier 6	4+672.929	-2.290	189.960	189.960

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	4+523.979	0.00	183.662	183.662
⊕ Brg. S. Abut.	4+524.929	0.00	183.704	183.704
A	4+527.929	0.00	183.839	183.857
B	4+530.929	0.00	183.974	184.007
C	4+533.929	0.00	184.109	184.152
D	4+536.929	0.00	184.244	184.291
E	4+539.929	0.00	184.379	184.424
F	4+542.929	0.00	184.514	184.551
G	4+545.929	0.00	184.649	184.675
H	4+548.929	0.00	184.784	184.797
⊕ Brg. Pier 1	4+552.929	0.00	184.964	184.964
I	4+555.929	0.00	185.099	185.097
J	4+558.929	0.00	185.234	185.235
K	4+561.929	0.00	185.369	185.375
L	4+564.929	0.00	185.504	185.513
M	4+567.929	0.00	185.639	185.649
N	4+570.929	0.00	185.774	185.782
O	4+573.929	0.00	185.909	185.914
P	4+576.929	0.00	186.044	186.045
⊕ Brg. Pier 2	4+580.929	0.00	186.224	186.224
Q	4+583.929	0.00	186.359	186.365
R	4+586.929	0.00	186.494	186.508
S	4+589.929	0.00	186.629	186.652
T	4+592.929	0.00	186.764	186.792
U	4+595.929	0.00	186.899	186.929
V	4+598.929	0.00	187.034	187.061
W	4+601.929	0.00	187.169	187.189
X	4+604.929	0.00	187.304	187.315
⊕ Brg. Pier 3	4+608.929	0.00	187.484	187.484
Y	4+611.929	0.00	187.619	187.617
Z	4+614.929	0.00	187.754	187.754
A1	4+617.929	0.00	187.889	187.891
B1	4+620.929	0.00	188.024	188.026
C1	4+623.929	0.00	188.159	188.159
D1	4+626.929	0.00	188.294	188.293
⊕ Brg. Pier 4	4+629.929	0.00	188.429	188.429
E1	4+632.929	0.00	188.564	188.571
F1	4+635.929	0.00	188.699	188.716
G1	4+638.929	0.00	188.834	188.856
H1	4+641.929	0.00	188.969	1