ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1584	▲	COOK	119	78
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S5
S23 SHEETS

▲068-1919.2-CF CONTRACT 60371

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	6.247	188.514	188.514
℄ Brg. W. Abut.	2355.089	6.247	188.532	188.532
A	2358.089	6.247	188.607	188.619
B	2361.089	6.247	188.673	188.694
C	2364.089	6.247	188.728	188.755
D	2367.089	6.247	188.773	188.801
E	2370.089	6.247	188.808	188.833
F	2373.089	6.247	188.832	188.852
G	2376.089	6.247	188.847	188.859
H	2379.089	6.247	188.852	188.856
℄ Brg. Pier	2382.915	6.247	188.843	188.843
I	2385.915	6.247	188.824	188.827
J	2388.915	6.247	188.796	188.805
K	2391.915	6.247	188.757	188.775
L	2394.915	6.247	188.709	188.733
M	2397.915	6.247	188.650	188.678
N	2400.915	6.247	188.581	188.609
O	2403.915	6.247	188.502	188.525
P	2406.915	6.247	188.413	188.428
℄ Brg. E. Abut.	2410.741	6.247	188.285	188.285
Bk. of E. Abut.	2411.426	6.247	188.260	188.260

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	4.317	188.549	188.549
℄ Brg. W. Abut.	2355.089	4.317	188.568	188.568
A	2358.089	4.317	188.643	188.655
B	2361.089	4.317	188.708	188.730
C	2364.089	4.317	188.763	188.790
D	2367.089	4.317	188.808	188.837
E	2370.089	4.317	188.843	188.869
F	2373.089	4.317	188.868	188.887
G	2376.089	4.317	188.882	188.894
H	2379.089	4.317	188.887	188.892
℄ Brg. Pier	2382.915	4.317	188.878	188.878
I	2385.915	4.317	188.860	188.863
J	2388.915	4.317	188.831	188.841
K	2391.915	4.317	188.793	188.810
L	2394.915	4.317	188.744	188.769
M	2397.915	4.317	188.685	188.714
N	2400.915	4.317	188.617	188.645
O	2403.915	4.317	188.538	188.561
P	2406.915	4.317	188.448	188.463
℄ Brg. E. Abut.	2410.741	4.317	188.320	188.320
Bk. of E. Abut.	2411.426	4.317	188.296	188.296

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	2.387	188.578	188.578
℄ Brg. W. Abut.	2355.089	2.387	188.597	188.597
A	2358.089	2.387	188.672	188.684
B	2361.089	2.387	188.737	188.758
C	2364.089	2.387	188.792	188.819
D	2367.089	2.387	188.837	188.866
E	2370.089	2.387	188.872	188.898
F	2373.089	2.387	188.897	188.916
G	2376.089	2.387	188.911	188.923
H	2379.089	2.387	188.916	188.921
℄ Brg. Pier	2382.915	2.387	188.907	188.907
I	2385.915	2.387	188.889	188.892
J	2388.915	2.387	188.860	188.870
K	2391.915	2.387	188.822	188.839
L	2394.915	2.387	188.773	188.798
M	2397.915	2.387	188.714	188.743
N	2400.915	2.387	188.645	188.673
O	2403.915	2.387	188.566	188.590
P	2406.915	2.387	188.477	188.492
℄ Brg. E. Abut.	2410.741	2.387	188.349	188.349
Bk. of E. Abut.	2411.426	2.387	188.325	188.325

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	0.457	188.607	188.607
℄ Brg. W. Abut.	2355.089	0.457	188.626	188.626
A	2358.089	0.457	188.701	188.713
B	2361.089	0.457	188.766	188.787
C	2364.089	0.457	188.821	188.848
D	2367.089	0.457	188.866	188.895
E	2370.089	0.457	188.901	188.927
F	2373.089	0.457	188.926	188.945
G	2376.089	0.457	188.940	188.952
H	2379.089	0.457	188.945	188.949
℄ Brg. Pier	2382.915	0.457	188.936	188.936
I	2385.915	0.457	188.918	188.921
J	2388.915	0.457	188.889	188.899
K	2391.915	0.457	188.851	188.868
L	2394.915	0.457	188.802	188.827
M	2397.915	0.457	188.743	188.772
N	2400.915	0.457	188.674	188.702
O	2403.915	0.457	188.595	188.619
P	2406.915	0.457	188.506	188.521
℄ Brg. E. Abut.	2410.741	0.457	188.378	188.378
Bk. of E. Abut.	2411.426	0.457	188.353	188.353

STAGE CONSTRUCTION LINE & LONGITUDINAL CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	0.150	188.612	188.612
℄ Brg. W. Abut.	2355.089	0.150	188.630	188.630
A	2358.089	0.150	188.705	188.717
B	2361.089	0.150	188.771	188.792
C	2364.089	0.150	188.826	188.853
D	2367.089	0.150	188.871	188.899
E	2370.089	0.150	188.905	188.931
F	2373.089	0.150	188.930	188.950
G	2376.089	0.150	188.945	188.957
H	2379.089	0.150	188.950	188.954
℄ Brg. Pier	2382.915	0.150	188.941	188.941
I	2385.915	0.150	188.922	188.925
J	2388.915	0.150	188.894	188.903
K	2391.915	0.150	188.855	188.873
L	2394.915	0.150	188.807	188.831
M	2397.915	0.150	188.748	188.776
N	2400.915	0.150	188.679	188.707
O	2403.915	0.150	188.600	188.623
P	2406.915	0.150	188.511	188.526
℄ Brg. E. Abut.	2410.741	0.150	188.383	188.383
Bk. of E. Abut.	2411.426	0.150	188.358	188.358

℄ ROADWAY & PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	0.000	188.614	188.614
℄ Brg. W. Abut.	2355.089	0.000	188.632	188.632
A	2358.089	0.000	188.708	188.720
B	2361.089	0.000	188.773	188.794
C	2364.089	0.000	188.828	188.855
D	2367.089	0.000	188.873	188.902
E	2370.089	0.000	188.908	188.934
F	2373.089	0.000	188.933	188.952
G	2376.089	0.000	188.947	188.959
H	2379.089	0.000	188.952	188.956
℄ Brg. Pier	2382.915	0.000	188.943	188.943
I	2385.915	0.000	188.925	188.927
J	2388.915	0.000	188.896	188.906
K	2391.915	0.000	188.858	188.875
L	2394.915	0.000	188.809	188.833
M	2397.915	0.000	188.750	188.778
N	2400.915	0.000	188.681	188.709
O	2403.915	0.000	188.602	188.626
P	2406.915	0.000	188.513	188.528
℄ Brg. E. Abut.	2410.741	0.000	188.385	188.385
Bk. of E. Abut.	2411.426	0.000	188.360	188.360

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	0.457	188.607	188.607
℄ Brg. W. Abut.	2355.089	0.457	188.626	188.626
A	2358.089	0.457	188.701	188.713
B	2361.089	0.457	188.766	188.787
C	2364.089	0.457	188.821	188.848
D	2367.089	0.457	188.866	188.895
E	2370.089	0.457	188.901	188.927
F	2373.089	0.457	188.926	188.945
G	2376.089	0.457	188.940	188.952
H	2379.089	0.457	188.945	188.949
℄ Brg. Pier	2382.915	0.457	188.936	188.936
I	2385.915	0.457	188.918	188.921
J	2388.915	0.457	188.889	188.899
K	2391.915	0.457	188.851	188.868
L	2394.915	0.457	188.802	188.827
M	2397.915	0.457	188.743	188.772
N	2400.915	0.457	188.674	188.702
O	2403.915	0.457	188.595	188.619
P	2406.915	0.457	188.506	188.521
℄ Brg. E. Abut.	2410.741	0.457	188.378	188.378
Bk. of E. Abut.	2411.426	0.457	188.353	188.353

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	2354.404	2.387	188.578	188.578
℄ Brg. W. Abut.	2355.089	2.387	188.597	188.597
A	2358.089	2.387	188.672	188.684
B	2361.089	2.387	188.737	188.758
C	2364.089	2.387	188.792	188.819
D	2367.089	2.387	188.837	188.866
E	2370.089	2.387	188.872	188.898
F	2373.089	2.387	188.897	188.916
G	2376.089	2.387	188.911	188.923
H	2379.089	2.387	188.916	188.921
℄ Brg. Pier	2382.915	2.387	188.907	188.907
I	2385.915	2.387	188.889	188.892
J	2388.915	2.387	188.860	188.870
K	2391.915	2.387	188.822	188.839
L	2394.915	2.387	188.773	188.798
M	2397.915	2.387	188.714	188.743
N	2400.915	2.387	188.645	188.673
O	2403.915	2.387	188.566	188.590
P	2406.915	2.387	188.477	188.492
℄ Brg. E. Abut.	2410.741	2.387	188.349	188.349
Bk. of E. Abut.	2411.426	2.387	188.325	188.325

Note:
Work this sheet with Sheets S4 and S6 of S23.

REVISIONS	
NAME	DATE

COLLINS ENGINEERS INC.
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Chicago, IL 60606
(312) 704-9300
www.collinsengr.com
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-000993

ILLINOIS DEPARTMENT OF TRANSPORTATION
115 TH. STREET OVER FAI 57
FAU RTE. 1584 SEC. 068-1919.2-CF
COOK COUNTY
STATION 2+382.915
STRUCTURE NO. 016-2037

TOP OF SLAB ELEVATIONS-II

DRAWN BY MDK
CHECKED BY ERB/DGS DATE: JANUARY 16, 2009

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