

BEAM 1				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	18.750	662.856	662.856
CL of S. Abut.	100746.92	18.750	662.848	662.848
A	100756.92	18.750	662.791	662.792
B	100766.92	18.750	662.733	662.739
CL S. Brg Pier 1	100776.25	18.750	662.679	662.679
CL Pier 1	100777.00	18.750	662.674	662.674
CL N. Brg Pier 1	100777.75	18.750	662.670	662.670
C	100787.75	18.750	662.612	662.631
D	100797.75	18.750	662.554	662.592
E	100807.75	18.750	662.496	662.547
CL S. Brg Pier 2	100822.25	18.750	662.412	662.412
CL Pier 2	100823.00	18.750	662.408	662.408
CL N. Brg Pier 2	100823.75	18.750	662.404	662.404
F	100833.75	18.750	662.346	662.349
G	100843.75	18.750	662.288	662.290
CL of N. Abut.	100853.08	18.750	662.234	662.234
Bk. of N. Abut.	100854.33	18.750	662.226	662.226

BEAM 2				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	11.250	663.008	663.008
CL of S. Abut.	100746.92	11.250	663.001	663.001
A	100756.92	11.250	662.943	662.945
B	100766.92	11.250	662.885	662.891
CL S. Brg Pier 1	100776.25	11.250	662.831	662.831
CL Pier 1	100777.00	11.250	662.827	662.827
CL N. Brg Pier 1	100777.75	11.250	662.822	662.822
C	100787.75	11.250	662.764	662.784
D	100797.75	11.250	662.706	662.744
E	100807.75	11.250	662.649	662.699
CL S. Brg Pier 2	100822.25	11.250	662.565	662.565
CL Pier 2	100823.00	11.250	662.560	662.560
CL N. Brg Pier 2	100823.75	11.250	662.556	662.556
F	100833.75	11.250	662.498	662.502
G	100843.75	11.250	662.440	662.443
CL of N. Abut.	100853.08	11.250	662.386	662.386
Bk. of N. Abut.	100854.33	11.250	662.379	662.379

BEAM 3				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	3.750	663.125	663.125
CL of S. Abut.	100746.92	3.750	663.118	663.118
A	100756.92	3.750	663.060	663.062
B	100766.92	3.750	663.002	663.008
CL S. Brg Pier 1	100776.25	3.750	662.948	662.948
CL Pier 1	100777.00	3.750	662.944	662.944
CL N. Brg Pier 1	100777.75	3.750	662.939	662.939
C	100787.75	3.750	662.882	662.901
D	100797.75	3.750	662.824	662.861
E	100807.75	3.750	662.766	662.816
CL S. Brg Pier 2	100822.25	3.750	662.682	662.682
CL Pier 2	100823.00	3.750	662.677	662.677
CL N. Brg Pier 2	100823.75	3.750	662.673	662.673
F	100833.75	3.750	662.615	662.619
G	100843.75	3.750	662.557	662.560
CL of N. Abut.	100853.08	3.750	662.523	662.523
Bk. of N. Abut.	100854.33	3.750	662.515	662.515

BEAM 4				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	-3.750	663.125	663.125
CL of S. Abut.	100746.92	-3.750	663.118	663.118
A	100756.92	-3.750	663.060	663.062
B	100766.92	-3.750	663.002	663.008
CL S. Brg Pier 1	100776.25	-3.750	662.948	662.948
CL Pier 1	100777.00	-3.750	662.944	662.944
CL N. Brg Pier 1	100777.75	-3.750	662.939	662.939
C	100787.75	-3.750	662.882	662.901
D	100797.75	-3.750	662.824	662.861
E	100807.75	-3.750	662.766	662.816
CL S. Brg Pier 2	100822.25	-3.750	662.682	662.682
CL Pier 2	100823.00	-3.750	662.677	662.677
CL N. Brg Pier 2	100823.75	-3.750	662.673	662.673
F	100833.75	-3.750	662.615	662.619
G	100843.75	-3.750	662.557	662.559
CL of N. Abut.	100853.08	-3.750	662.503	662.503
Bk. of N. Abut.	100854.33	-3.750	662.496	662.496

BEAM 5				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	-11.250	663.008	663.008
CL of S. Abut.	100746.92	-11.250	663.001	663.001
A	100756.92	-11.250	662.943	662.945
B	100766.92	-11.250	662.885	662.891
CL S. Brg Pier 1	100776.25	-11.250	662.831	662.831
CL Pier 1	100777.00	-11.250	662.827	662.827
CL N. Brg Pier 1	100777.75	-11.250	662.822	662.822
C	100787.75	-11.250	662.764	662.784
D	100797.75	-11.250	662.706	662.744
E	100807.75	-11.250	662.649	662.699
CL S. Brg Pier 2	100822.25	-11.250	662.565	662.565
CL Pier 2	100823.00	-11.250	662.560	662.560
CL N. Brg Pier 2	100823.75	-11.250	662.556	662.556
F	100833.75	-11.250	662.498	662.502
G	100843.75	-11.250	662.440	662.442
CL of N. Abut.	100853.08	-11.250	662.386	662.386
Bk. of N. Abut.	100854.33	-11.250	662.379	662.379

BEAM 6				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	-18.750	662.856	662.856
CL of S. Abut.	100746.92	-18.750	662.848	662.848
A	100756.92	-18.750	662.791	662.792
B	100766.92	-18.750	662.733	662.739
CL S. Brg Pier 1	100776.25	-18.750	662.679	662.679
CL Pier 1	100777.00	-18.750	662.674	662.674
CL N. Brg Pier 1	100777.75	-18.750	662.670	662.670
C	100787.75	-18.750	662.612	662.631
D	100797.75	-18.750	662.554	662.592
E	100807.75	-18.750	662.496	662.547
CL S. Brg Pier 2	100822.25	-18.750	662.412	662.412
CL Pier 2	100823.00	-18.750	662.408	662.408
CL N. Brg Pier 2	100823.75	-18.750	662.404	662.404
F	100833.75	-18.750	662.346	662.349
G	100843.75	-18.750	662.288	662.290
CL of N. Abut.	100853.08	-18.750	662.234	662.234
Bk. of N. Abut.	100854.33	-18.750	662.226	662.226

PROFILE GRADE LINE				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	0.000	663.184	663.184
CL of S. Abut.	100746.92	0.000	663.177	663.177
A	100756.92	0.000	663.119	663.125
B	100766.92	0.000	663.061	663.071
CL S. Brg Pier 1	100776.25	0.000	663.007	663.007
CL Pier 1	100777.00	0.000	663.002	663.002
CL N. Brg Pier 1	100777.75	0.000	662.998	662.998
C	100787.75	0.000	662.940	662.969
D	100797.75	0.000	662.882	662.927
E	100807.75	0.000	662.824	662.880
CL S. Brg Pier 2	100822.25	0.000	662.740	662.740
CL Pier 2	100823.00	0.000	662.736	662.736
CL N. Brg Pier 2	100823.75	0.000	662.732	662.732
F	100833.75	0.000	662.674	662.681
G	100843.75	0.000	662.616	662.623
CL of N. Abut.	100853.08	0.000	662.562	662.562
Bk. of N. Abut.	100854.33	0.000	662.555	662.555

STAGE LINE				
Location	Station	Offset (ft)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	100745.67	2.500	663.145	663.145
CL of S. Abut.	100746.92	2.500	663.138	663.138
A	100756.92	2.500	663.080	663.086
B	100766.92	2.500	663.022	663.032
CL S. Brg Pier 1	100776.25	2.500	662.968	662.968
CL Pier 1	100777.00	2.500	662.963	662.963
CL N. Brg Pier 1	100777.75	2.500	662.959	662.959
C	100787.75	2.500	662.901	662.930
D	100797.75	2.500	662.843	662.888
E	100807.75	2.500	662.785	662.841
CL S. Brg Pier 2	100822.25	2.500	662.701	662.701
CL Pier 2	100823.00	2.500	662.697	662.697
CL N. Brg Pier 2	100823.75	2.500	662.693	662.693
F	100833.75	2.500	662.635	662.642
G	100843.75	2.500	662.577	662.583
CL of N. Abut.	100853.08	2.500	662.523	662.523
Bk. of N. Abut.	100854.33	2.500	662.515	662.515

COLLINS ENGINEERS
 123 N. WACKER DR., SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 US ROUTE 52 (STATE STREET)
 OVER PRAIRIE CREEK
 FAP RTE. 852 SEC. 188-5-R
 WILL COUNTY
 STA. 1008+00.00 STRUCTURE NO. 099-4643
TOP OF SLAB ELEVATIONS-II
 DRAWN BY: KAC
 CHECKED BY: JMH/DGS
 DATE: OCTOBER, 2004

FILE: 0927606\FINAL PLANS\37600112.dgn
 DATE: 21-09-04 08:57