

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1848	28-4BR	ST. CLAIR	101	73
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6  
22 SHEETS

Contract #76394

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	-18.500	440.689	440.689
CL Brg. W. Abut.	35565.250	-18.500	440.692	440.692
A	35575.250	-18.500	440.715	440.715
B	35585.250	-18.500	440.732	440.728
CL Pier 1	35593.500	-18.500	440.742	440.742
C	35603.500	-18.500	440.748	440.773
D	35613.500	-18.500	440.748	440.792
E	35623.500	-18.500	440.742	440.786
F	35633.500	-18.500	440.730	440.755
CL Pier 2	35643.500	-18.500	440.712	440.712
G	35653.500	-18.500	440.687	440.684
H	35663.500	-18.500	440.657	440.657
CL Brg. E. Abut.	35671.750	-18.500	440.627	440.627
Bk. East Abut.	35673.000	-18.500	440.622	440.622

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	-12.333	440.817	440.817
CL Brg. W. Abut.	35565.250	-12.333	440.820	440.820
A	35575.250	-12.333	440.844	440.844
B	35585.250	-12.333	440.861	440.857
CL Pier 1	35593.500	-12.333	440.870	440.870
C	35603.500	-12.333	440.876	440.901
D	35613.500	-12.333	440.876	440.920
E	35623.500	-12.333	440.870	440.914
F	35633.500	-12.333	440.858	440.883
CL Pier 2	35643.500	-12.333	440.840	440.840
G	35653.500	-12.333	440.816	440.813
H	35663.500	-12.333	440.785	440.785
CL Brg. E. Abut.	35671.750	-12.333	440.756	440.756
Bk. East Abut.	35673.000	-12.333	440.751	440.751

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	-6.167	440.915	440.915
CL Brg. W. Abut.	35565.250	-6.167	440.919	440.919
A	35575.250	-6.167	440.942	440.942
B	35585.250	-6.167	440.959	440.955
CL Pier 1	35593.500	-6.167	440.968	440.968
C	35603.500	-6.167	440.974	440.999
D	35613.500	-6.167	440.974	441.018
E	35623.500	-6.167	440.968	441.012
F	35633.500	-6.167	440.956	440.981
CL Pier 2	35643.500	-6.167	440.938	440.938
G	35653.500	-6.167	440.914	440.911
H	35663.500	-6.167	440.883	440.883
CL Brg. E. Abut.	35671.750	-6.167	440.854	440.854
Bk. East Abut.	35673.000	-6.167	440.849	440.849

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	-3.417	440.958	440.958
CL Brg. W. Abut.	35565.250	-3.417	440.962	440.962
A	35575.250	-3.417	440.985	440.985
B	35585.250	-3.417	441.002	440.998
CL Pier 1	35593.500	-3.417	441.011	441.011
C	35603.500	-3.417	441.017	441.042
D	35613.500	-3.417	441.017	441.061
E	35623.500	-3.417	441.011	441.055
F	35633.500	-3.417	441.011	441.024
CL Pier 2	35643.500	-3.417	440.981	440.981
G	35653.500	-3.417	440.957	440.954
H	35663.500	-3.417	440.926	440.926
CL Brg. E. Abut.	35671.750	-3.417	440.897	440.897
Bk. East Abut.	35673.000	-3.417	440.892	440.892

BEAM 4, P.G. & Q ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	0.000	441.012	441.012
CL Brg. W. Abut.	35565.250	0.000	441.015	441.015
A	35575.250	0.000	441.038	441.038
B	35585.250	0.000	441.055	441.051
CL Pier 1	35593.500	0.000	441.065	441.065
C	35603.500	0.000	441.071	441.096
D	35613.500	0.000	441.071	441.115
E	35623.500	0.000	441.065	441.108
F	35633.500	0.000	441.053	441.078
CL Pier 2	35643.500	0.000	441.034	441.034
G	35653.500	0.000	441.010	441.007
H	35663.500	0.000	440.980	440.980
CL Brg. E. Abut.	35671.750	0.000	440.950	440.950
Bk. East Abut.	35673.000	0.000	440.945	440.945

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	6.167	440.915	440.915
CL Brg. W. Abut.	35565.250	6.167	440.919	440.919
A	35575.250	6.167	440.942	440.942
B	35585.250	6.167	440.959	440.955
CL Pier 1	35593.500	6.167	440.968	440.968
C	35603.500	6.167	440.974	440.999
D	35613.500	6.167	440.974	441.018
E	35623.500	6.167	440.968	441.012
F	35633.500	6.167	440.956	440.981
CL Pier 2	35643.500	6.167	440.938	440.938
G	35653.500	6.167	440.914	440.911
H	35663.500	6.167	440.883	440.883
CL Brg. E. Abut.	35671.750	6.167	440.854	440.854
Bk. East Abut.	35673.000	6.167	440.849	440.849

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	12.333	440.817	440.817
CL Brg. W. Abut.	35565.250	12.333	440.820	440.820
A	35575.250	12.333	440.844	440.844
B	35585.250	12.333	440.861	440.857
CL Pier 1	35593.500	12.333	440.870	440.870
C	35603.500	12.333	440.876	440.901
D	35613.500	12.333	440.876	440.920
E	35623.500	12.333	440.870	440.914
F	35633.500	12.333	440.858	440.883
CL Pier 2	35643.500	12.333	440.840	440.840
G	35653.500	12.333	440.816	440.813
H	35663.500	12.333	440.785	440.785
CL Brg. E. Abut.	35671.750	12.333	440.756	440.756
Bk. East Abut.	35673.000	12.333	440.751	440.751

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	35564.000	18.500	440.689	440.689
CL Brg. W. Abut.	35565.250	18.500	440.692	440.692
A	35575.250	18.500	440.715	440.715
B	35585.250	18.500	440.732	440.728
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C	35603.500	18.500	440.748	440.773
D	35613.500	18.500	440.748	440.792
E	35623.500	18.500	440.742	440.786
F	35633.500	18.500	440.730	440.755
CL Pier 2	35643.500	18.500	440.712	440.712
G	35653.500	18.500	440.687	440.684
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CL Brg. E. Abut.	35671.750	18.500	440.627	440.627
Bk. East Abut.	35673.000	18.500	440.622	440.622

DESIGNED	M.D. Cima
CHECKED	R.J.C.
DRAWN	W.D. Collins
CHECKED	M.D.C. R.J.C.

March 17, 2006  
EXAMINED *Thomas J. Domagalaki*  
PASSED *Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS  
F.A.S. ROUTE 1848 - SECTION 28-4BR  
ST. CLAIR COUNTY  
STATION 356+18.50  
STRUCTURE NO. 082-0272