

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. 57
P. A. I. 1982	①	GRUNDY	86	46
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	OF 526 SHEETS

① Q-BR

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44929.19	-35.250	538.174	538.174
☉ BRG. W. ABUT.	44932.81	-35.250	538.163	538.163
A	44942.81	-35.250	538.133	538.152
B	44952.81	-35.250	538.103	538.128
C	44962.81	-35.250	538.073	538.089
☉ PIER 1	44976.48	-35.250	538.032	538.032
D	44986.48	-35.250	538.002	538.011
E	44996.48	-35.250	537.972	537.994
F	45006.48	-35.250	537.942	537.966
G	45016.48	-35.250	537.910	537.924
☉ PIER 2	45029.32	-35.250	537.861	537.861
H	45039.32	-35.250	537.814	537.824
J	45049.32	-35.250	537.760	537.783
K	45059.32	-35.250	537.698	537.721
☉ BRG. E. ABUT.	45072.99	-35.250	537.602	537.602
BK. E. ABUT.	45076.61	-35.250	537.574	537.574

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44923.90	-27.417	538.353	538.353
☉ BRG. W. ABUT.	44927.52	-27.417	538.342	538.342
A	44937.52	-27.417	538.312	538.328
B	44947.52	-27.417	538.282	538.303
C	44957.52	-27.417	538.252	538.265
☉ PIER 1	44971.19	-27.417	538.211	538.211
D	44981.19	-27.417	538.181	538.189
E	44991.19	-27.417	538.151	538.170
F	45001.19	-27.417	538.121	538.141
G	45011.19	-27.417	538.091	538.103
☉ PIER 2	45024.03	-27.417	538.046	538.046
H	45034.03	-27.417	538.003	538.011
J	45044.03	-27.417	537.952	537.972
K	45054.03	-27.417	537.895	537.914
☉ BRG. E. ABUT.	45067.70	-27.417	537.804	537.804
BK. E. ABUT.	45071.32	-27.417	537.777	537.777

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44918.62	-19.583	538.524	538.524
☉ BRG. W. ABUT.	44922.24	-19.583	538.514	538.514
A	44932.24	-19.583	538.484	538.499
B	44942.24	-19.583	538.454	538.474
C	44952.24	-19.583	538.424	538.437
☉ PIER 1	44965.91	-19.583	538.383	538.383
D	44975.91	-19.583	538.353	538.361
E	44985.91	-19.583	538.323	538.341
F	44995.91	-19.583	538.293	538.313
G	45005.91	-19.583	538.263	538.274
☉ PIER 2	45018.75	-19.583	538.221	538.221
H	45028.75	-19.583	538.182	538.191
J	45038.75	-19.583	538.136	538.155
K	45048.75	-19.583	538.082	537.101
☉ BRG. E. ABUT.	45062.42	-19.583	537.996	537.996
BK. E. ABUT.	45066.04	-19.583	537.971	537.971

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44913.34	-11.750	538.663	538.663
☉ BRG. W. ABUT.	44916.96	-11.750	538.652	538.652
A	44926.96	-11.750	538.622	538.638
B	44936.96	-11.750	538.592	538.613
C	44946.96	-11.750	538.562	538.575
☉ PIER 1	44960.63	-11.750	538.521	538.521
D	44970.63	-11.750	538.491	538.499
E	44980.63	-11.750	538.461	538.480
F	44990.63	-11.750	538.431	538.451
G	45000.63	-11.750	538.401	538.412
☉ PIER 2	45013.47	-11.750	538.361	538.361
H	45023.47	-11.750	538.326	538.335
J	45033.47	-11.750	538.284	538.303
K	45043.47	-11.750	538.234	538.253
☉ BRG. E. ABUT.	45057.14	-11.750	538.153	538.153
BK. E. ABUT.	45060.76	-11.750	538.130	538.130

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44908.05	-3.917	538.801	538.801
☉ BRG. W. ABUT.	44911.67	-3.917	538.790	538.790
A	44921.67	-3.917	538.760	538.776
B	44931.67	-3.917	538.730	538.751
C	44941.67	-3.917	538.700	538.713
☉ PIER 1	44955.34	-3.917	538.659	538.659
D	44965.34	-3.917	538.629	538.637
E	44975.34	-3.917	538.599	538.618
F	44985.34	-3.917	538.569	538.590
G	44995.34	-3.917	538.539	538.551
☉ PIER 2	45008.18	-3.917	538.500	538.500
H	45018.18	-3.917	538.468	538.477
J	45028.18	-3.917	538.429	538.449
K	45038.18	-3.917	538.383	538.403
☉ BRG. E. ABUT.	45051.85	-3.917	538.308	538.308
BK. E. ABUT.	45055.47	-3.917	538.286	538.286

☉ U.S. ROUTE 6 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44905.41	0.000	538.870	538.870
☉ BRG. W. ABUT.	44909.03	0.000	538.859	538.859
A	44919.03	0.000	538.829	538.845
B	44929.03	0.000	538.799	538.820
C	44939.03	0.000	538.769	538.782
☉ PIER 1	44952.70	0.000	538.728	538.728
D	44962.70	0.000	538.698	538.706
E	44972.70	0.000	538.668	538.687
F	44982.70	0.000	538.638	538.659
G	44992.70	0.000	538.608	538.620
☉ PIER 2	45005.54	0.000	538.570	538.570
H	45015.54	0.000	538.538	538.547
J	45025.54	0.000	538.502	538.521
K	45035.54	0.000	538.457	538.477
☉ BRG. E. ABUT.	45049.21	0.000	538.385	538.385
BK. E. ABUT.	45052.83	0.000	538.364	538.364

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44902.77	3.917	538.817	538.817
☉ BRG. W. ABUT.	44906.39	3.917	538.806	538.806
A	44916.39	3.917	538.776	538.792
B	44926.39	3.917	538.746	538.767
C	44936.39	3.917	538.716	538.729
☉ PIER 1	44950.06	3.917	538.675	538.675
D	44960.06	3.917	538.645	538.653
E	44970.06	3.917	538.615	538.634
F	44980.06	3.917	538.585	538.605
G	44990.06	3.917	538.555	538.567
☉ PIER 2	45002.90	3.917	538.516	538.516
H	45012.90	3.917	538.486	538.494
J	45022.90	3.917	538.451	538.470
K	45032.90	3.917	538.409	538.428
☉ BRG. E. ABUT.	45046.57	3.917	538.339	538.339
BK. E. ABUT.	45050.19	3.917	538.318	538.318

LONG. BONDED STAGE CONSTR. JT.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44899.34	9.000	538.748	538.748
☉ BRG. W. ABUT.	44902.96	9.000	538.737	538.737
A	44912.96	9.000	538.707	538.723
B	44922.96	9.000	538.677	538.698
C	44932.96	9.000	538.647	538.660
☉ PIER 1	44946.63	9.000	538.606	538.606
D	44956.63	9.000	538.576	538.584
E	44966.63	9.000	538.546	538.565
F	44976.63	9.000	538.516	538.536
G	44986.63	9.000	538.486	538.497
☉ PIER 2	44999.47	9.000	538.447	538.447
H	45009.47	9.000	538.417	538.426
J	45019.47	9.000	538.384	538.403
K	45029.47	9.000	538.345	538.364
☉ BRG. E. ABUT.	45043.14	9.000	538.278	538.278
BK. E. ABUT.	45046.76	9.000	538.259	538.259

DESIGNED	MRM
CHECKED	UM
DRAWN	MRM
CHECKED	BLU

DATE: 3/19/07

TOP OF SLAB ELEVATIONS 1
U.S. ROUTE 6 OVER
NETTLE CREEK
FAU 5952-SEC. Q-BR
GRUNDY COUNTY
STATION 449+79.12
S.N. 032-0107

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
130 E. RANDOLPH STREET
CHICAGO, ILLINOIS 60601
JOB NO. 541

