

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 58 OF 526 SHEETS
S. B. L.	①	GRUNDY	86	47	
F. A. U. DIST.					
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

① Q-BR

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44897.48	11.750	538.710	538.710
☉ BRG. W. ABUT.	44901.10	11.750	538.699	538.699
A	44911.10	11.750	538.669	538.685
B	44921.10	11.750	538.639	538.660
C	44931.10	11.750	538.609	538.623
☉ PIER 1	44944.77	11.750	538.568	538.568
D	44954.77	11.750	538.538	538.546
E	44964.77	11.750	538.508	538.527
F	44974.77	11.750	538.478	538.499
G	44984.77	11.750	538.448	538.460
☉ PIER 2	44997.61	11.750	538.410	538.410
H	45007.61	11.750	538.380	538.388
J	45017.61	11.750	538.348	538.367
K	45027.61	11.750	538.309	538.329
☉ BRG. E. ABUT.	45041.28	11.750	538.245	538.245
BK. E. ABUT.	45044.90	11.750	538.226	538.226

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44892.20	19.583	538.604	538.604
☉ BRG. W. ABUT.	44895.82	19.583	538.593	538.593
A	44905.82	19.583	538.563	538.579
B	44915.82	19.583	538.533	538.554
C	44925.82	19.583	538.503	538.516
☉ PIER 1	44939.49	19.583	538.462	538.462
D	44949.49	19.583	538.432	538.440
E	44959.49	19.583	538.402	538.421
F	44969.49	19.583	538.372	538.392
G	44979.49	19.583	538.342	538.353
☉ PIER 2	44992.33	19.583	538.303	538.303
H	45002.33	19.583	538.273	538.282
J	45012.33	19.583	538.242	538.262
K	45022.33	19.583	538.208	538.227
☉ BRG. E. ABUT.	45036.00	19.583	538.149	538.149
BK. E. ABUT.	45039.62	19.583	538.131	538.131

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44886.92	27.417	538.464	538.464
☉ BRG. W. ABUT.	44890.54	27.417	538.453	538.453
A	44900.54	27.417	538.423	538.439
B	44910.54	27.417	538.393	538.414
C	44920.54	27.417	538.363	538.376
☉ PIER 1	44934.21	27.417	538.322	538.322
D	44944.21	27.417	538.292	538.300
E	44954.21	27.417	538.262	538.281
F	44964.21	27.417	538.232	538.252
G	44974.21	27.417	538.202	538.213
☉ PIER 2	44987.05	27.417	538.163	538.163
H	44997.05	27.417	538.133	538.142
J	45007.05	27.417	538.103	538.123
K	45017.05	27.417	538.071	538.091
☉ BRG. E. ABUT.	45030.72	27.417	538.018	538.018
BK. E. ABUT.	45034.34	27.417	538.001	538.001

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	44881.63	35.250	538.316	538.316
☉ BRG. W. ABUT.	44885.25	35.250	538.305	538.305
A	44895.25	35.250	538.275	538.294
B	44905.25	35.250	538.245	538.270
C	44915.25	35.250	538.215	538.231
☉ PIER 1	44928.92	35.250	538.174	538.174
D	44938.92	35.250	538.144	538.154
E	44948.92	35.250	538.114	538.137
F	44958.92	35.250	538.084	538.109
G	44968.92	35.250	538.054	538.068
☉ PIER 2	44981.76	35.250	538.016	538.016
H	44991.76	35.250	537.986	537.996
J	45001.76	35.250	537.956	537.979
K	45011.76	35.250	537.925	537.948
☉ BRG. E. ABUT.	45025.43	35.250	537.877	537.877
BK. E. ABUT.	45029.05	35.250	537.862	537.862

DESIGNED	MRM
CHECKED	UM
DRAWN	MRM
CHECKED	BLU

DATE: 3/19/07

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



TOP OF SLAB ELEVATIONS 2
U.S. ROUTE 6 OVER
NETTLE CREEK
FAU 5952-SEC. Q-BR
GRUNDY COUNTY
STATION 449+79.12
S.N. 032-0107