

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAU 57	(X1-6-2)HBK	Williamson	272	141
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
Contract # 98994				

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	32+83.56	5.417	491.597	491.597
☉ BRG W ABUT	32+84.86	5.417	491.614	491.614
A	32+94.86	5.417	491.742	491.770
B	33+04.86	5.417	491.865	491.915
C	33+14.86	5.417	491.983	492.051
D	33+24.86	5.417	492.096	492.171
E	33+34.86	5.417	492.204	492.278
F	33+44.86	5.417	492.307	492.370
G	33+54.86	5.417	492.407	492.452
H	33+64.86	5.417	492.507	492.529
W. ☉ BRG. PIER 1	33+73.14	5.417	492.590	492.590
☉ PIER 1	33+73.89	5.417	492.597	492.597
E. ☉ BRG. PIER 1	33+74.64	5.417	492.605	492.605
I	33+84.64	5.417	492.705	492.733
J	33+94.64	5.417	492.805	492.858
K	34+04.64	5.417	492.905	492.977
L	34+14.64	5.417	493.005	493.088
M	34+24.64	5.417	493.102	493.186
N	34+34.64	5.417	493.184	493.259
O	34+44.64	5.417	493.252	493.310
P	34+54.64	5.417	493.307	493.341
W.☉ BRG. PIER 2	34+66.81	5.417	493.355	493.355
☉ PIER 2	34+67.56	5.417	493.357	493.357
E. ☉ BRG. PIER 2	34+68.31	5.417	493.360	493.360
Q	34+78.31	5.417	493.382	493.416
R	34+88.31	5.417	493.391	493.456
S	34+98.31	5.417	493.386	493.475
T	35+08.31	5.417	493.367	493.471
U	35+18.31	5.417	493.335	493.443
V	35+28.31	5.417	493.289	493.389
W	35+38.31	5.417	493.230	493.312
X	35+48.31	5.417	493.156	493.212
Y	35+58.31	5.417	493.069	493.093
W. ☉ BRG. PIER 3	35+65.31	5.417	493.000	493.000
☉ PIER 3	35+66.06	5.417	492.992	492.992
E. ☉ BRG. PIER 3	35+66.81	5.417	492.985	492.985
Z	35+76.81	5.417	492.872	492.896
AA	35+86.81	5.417	492.746	492.791
BB	35+96.81	5.417	492.607	492.666
CC	36+06.81	5.417	492.454	492.520
DD	36+16.81	5.417	492.287	492.352
EE	36+26.81	5.417	492.106	492.161
FF	36+36.81	5.417	491.912	491.949
GG	36+46.81	5.417	491.704	491.718
☉ BRG E. ABUT.	36+52.59	5.417	491.577	491.577
BK. E. ABUT.	36+53.89	5.417	491.548	491.548

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	32+81.65	11.667	491.475	491.475
☉ BRG W ABUT	32+82.95	11.667	491.492	491.492
A	32+92.95	11.667	491.621	491.648
B	33+02.95	11.667	491.744	491.794
C	33+12.95	11.667	491.863	491.931
D	33+22.95	11.667	491.977	492.052
E	33+32.95	11.667	492.086	492.160
F	33+42.95	11.667	492.190	492.253
G	33+52.95	11.667	492.290	492.335
H	33+62.95	11.667	492.390	492.412
W. ☉ BRG. PIER 1	33+71.23	11.667	492.473	492.473
☉ PIER 1	33+71.98	11.667	492.480	492.480
E. ☉ BRG. PIER 1	33+72.73	11.667	492.488	492.488
I	33+82.73	11.667	492.588	492.616
J	33+92.73	11.667	492.688	492.741
K	34+02.73	11.667	492.788	492.860
L	34+12.73	11.667	492.888	492.971
M	34+22.73	11.667	492.987	493.071
N	34+32.73	11.667	493.071	493.147
O	34+42.73	11.667	493.142	493.201
P	34+52.73	11.667	493.200	493.234
W.☉ BRG. PIER 2	34+64.90	11.667	493.251	493.251
☉ PIER 2	34+65.65	11.667	493.254	493.254
E. ☉ BRG. PIER 2	34+66.40	11.667	493.256	493.256
Q	34+76.40	11.667	493.281	493.315
R	34+86.40	11.667	493.293	493.358
S	34+96.40	11.667	493.290	493.379
T	35+06.40	11.667	493.274	493.378
U	35+16.40	11.667	493.245	493.352
V	35+26.40	11.667	493.201	493.301
W	35+36.40	11.667	493.144	493.227
X	35+46.40	11.667	493.074	493.129
Y	35+56.40	11.667	492.989	493.013
W. ☉ BRG. PIER 3	35+63.40	11.667	492.922	492.922
☉ PIER 3	35+64.15	11.667	492.914	492.914
E. ☉ BRG. PIER 3	35+64.90	11.667	492.907	492.907
Z	35+74.90	11.667	492.797	492.820
AA	35+84.90	11.667	492.674	492.718
BB	35+94.90	11.667	492.537	492.596
CC	36+04.90	11.667	492.386	492.453
DD	36+14.90	11.667	492.222	492.287
EE	36+24.90	11.667	492.044	492.099
FF	36+34.90	11.667	491.852	491.890
GG	36+44.90	11.667	491.647	491.661
☉ BRG E. ABUT.	36+50.68	11.667	491.522	491.522
BK. E. ABUT.	36+51.98	11.667	491.493	491.493

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	32+79.74	17.917	491.352	491.352
☉ BRG W ABUT	32+81.04	17.917	491.369	491.369
A	32+91.04	17.917	491.499	491.530
B	33+01.04	17.917	491.624	491.682
C	33+11.04	17.917	491.743	491.822
D	33+21.04	17.917	491.858	491.946
E	33+31.04	17.917	491.968	492.055
F	33+41.04	17.917	492.073	492.147
G	33+51.04	17.917	492.173	492.226
H	33+61.04	17.917	492.273	492.298
W. ☉ BRG. PIER 1	33+69.32	17.917	492.356	492.356
☉ PIER 1	33+70.07	17.917	492.364	492.364
E. ☉ BRG. PIER 1	33+70.82	17.917	492.371	492.371
I	33+80.82	17.917	492.471	492.505
J	33+90.82	17.917	492.571	492.635
K	34+00.82	17.917	492.671	492.757
L	34+10.82	17.917	492.771	492.869
M	34+20.82	17.917	492.871	492.970
N	34+30.82	17.917	492.959	493.048
O	34+40.82	17.917	493.032	493.101
P	34+50.82	17.917	493.092	493.132
W.☉ BRG. PIER 2	34+62.99	17.917	493.147	493.147
☉ PIER 2	34+63.74	17.917	493.150	493.150
E. ☉ BRG. PIER 2	34+64.49	17.917	493.152	493.152
Q	34+74.49	17.917	493.180	493.220
R	34+84.49	17.917	493.194	493.269
S	34+94.49	17.917	493.194	493.297
T	35+04.49	17.917	493.181	493.300
U	35+14.49	17.917	493.154	493.278
V	35+24.49	17.917	493.113	493.228
W	35+34.49	17.917	493.059	493.154
X	35+44.49	17.917	492.991	493.055
Y	35+54.49	17.917	492.909	492.936
W. ☉ BRG. PIER 3	35+61.49	17.917	492.843	492.843
☉ PIER 3	35+62.24	17.917	492.836	492.836
E. ☉ BRG. PIER 3	35+62.99	17.917	492.829	492.829
Z	35+72.99	17.917	492.721	492.749
AA	35+82.99	17.917	492.601	492.652
BB	35+92.99	17.917	492.466	492.536
CC	36+02.99	17.917	492.318	492.397
DD	36+12.99	17.917	492.157	492.232
EE	36+22.99	17.917	491.981	492.045
FF	36+32.99	17.917	491.792	491.836
GG	36+42.99	17.917	491.589	491.606
☉ BRG E. ABUT.	36+48.77	17.917	491.466	491.466
BK. E. ABUT.	36+50.07	17.917	491.437	491.437

THOUVENOT, WADE & MOERCHEN, INC.



DESIGNED	ALN
CHECKED	BWP
DRAWN	KBF
CHECKED	ALN/BWP

TOP OF SLAB ELEVATIONS  
MORGAN AVE. OVER I-57  
FAI ROUTE 57 - SECTION (X1-6-2)HBK  
WILLIAMSON COUNTY  
STATION 34+69.21  
STRUCTURE NO. 100-0092