

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	TVBR	WHITESIDE	146	64
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #84883

SHEET NO. 4
22 SHEETS

☉ BEAM 1A

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4648.964	-18.000	618.081	618.081
CL Brg W. Abut	4652.094	-18.000	618.101	618.101
A	4662.094	-18.000	618.160	618.172
B	4672.094	-18.000	618.212	618.230
C	4682.094	-18.000	618.259	618.274
D	4692.094	-18.000	618.298	618.306
CL Pier 1	4702.094	-18.000	618.332	618.332
E	4712.094	-18.000	618.359	618.367
F	4722.094	-18.000	618.380	618.394
G	4732.094	-18.000	618.394	618.415
H	4742.094	-18.000	618.402	618.417
I	4752.094	-18.000	618.404	618.411
CL Pier 2	4762.094	-18.000	618.399	618.399
J	4772.094	-18.000	618.388	618.396
K	4782.094	-18.000	618.379	618.386
L	4792.094	-18.000	618.364	618.354
M	4802.094	-18.000	618.316	618.329
CL Brg E. Abut	4812.094	-18.000	618.280	618.280
Back of E. Abut	4815.225	-18.000	618.267	618.267

☉ BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4644.443	-12.000	618.176	618.176
CL Brg W. Abut	4647.573	-12.000	618.197	618.197
A	4657.573	-12.000	618.259	618.271
B	4667.573	-12.000	618.314	618.332
C	4677.573	-12.000	618.363	618.379
D	4687.573	-12.000	618.406	618.414
CL Pier 1	4697.573	-12.000	618.442	618.442
E	4707.573	-12.000	618.472	618.480
F	4717.573	-12.000	618.496	618.511
G	4727.573	-12.000	618.513	618.534
H	4737.573	-12.000	618.524	618.539
I	4747.573	-12.000	618.528	618.536
CL Pier 2	4757.573	-12.000	618.527	618.527
J	4767.573	-12.000	618.518	618.526
K	4777.573	-12.000	618.504	618.519
L	4787.573	-12.000	618.483	618.501
M	4797.573	-12.000	618.455	618.468
CL Brg E. Abut	4807.573	-12.000	618.422	618.422
Back of E. Abut	4810.703	-12.000	618.410	618.410

☉ BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4639.921	-6.000	618.239	618.239
CL Brg W. Abut	4643.052	-6.000	618.261	618.261
A	4653.052	-6.000	618.325	618.338
B	4663.052	-6.000	618.384	618.401
C	4673.052	-6.000	618.436	618.451
D	4683.052	-6.000	618.481	618.489
CL Pier 1	4693.052	-6.000	618.520	618.520
E	4703.052	-6.000	618.553	618.561
F	4713.052	-6.000	618.580	618.594
G	4723.052	-6.000	618.600	618.621
H	4733.052	-6.000	618.614	618.628
I	4743.052	-6.000	618.621	618.629
CL Pier 2	4753.052	-6.000	618.622	618.622
J	4763.052	-6.000	618.617	618.625
K	4773.052	-6.000	618.605	618.620
L	4783.052	-6.000	618.587	618.605
M	4793.052	-6.000	618.562	618.575
CL Brg E. Abut	4803.052	-6.000	618.531	618.531
Back of E. Abut	4806.182	-6.000	618.520	618.520

☉ BEAM 3, ☉ ROADWAY & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4635.400	0.000	618.301	618.301
CL Brg W. Abut	4638.530	0.000	618.323	618.323
A	4648.530	0.000	618.391	618.403
B	4658.530	0.000	618.452	618.470
C	4668.530	0.000	618.507	618.522
D	4678.530	0.000	618.555	618.563
CL Pier 1	4688.530	0.000	618.597	618.597
E	4698.530	0.000	618.633	618.641
F	4708.530	0.000	618.662	618.677
G	4718.530	0.000	618.685	618.706
H	4728.530	0.000	618.702	618.717
I	4738.530	0.000	618.712	618.720
CL Pier 2	4748.530	0.000	618.716	618.716
J	4758.530	0.000	618.714	618.722
K	4768.530	0.000	618.705	618.720
L	4778.530	0.000	618.689	618.707
M	4788.530	0.000	618.668	618.681
CL Brg E. Abut	4798.530	0.000	618.640	618.640
Back of E. Abut	4801.661	0.000	618.630	618.630

☉ BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4630.879	6.000	618.281	618.281
CL Brg W. Abut	4634.009	6.000	618.296	618.296
A	4644.009	6.000	618.340	618.353
B	4654.009	6.000	618.377	618.395
C	4664.009	6.000	618.409	618.424
D	4674.009	6.000	618.440	618.448
CL Pier 1	4684.009	6.000	618.485	618.485
E	4694.009	6.000	618.524	618.532
F	4704.009	6.000	618.556	618.571
G	4714.009	6.000	618.582	618.603
H	4724.009	6.000	618.601	618.616
I	4734.009	6.000	618.614	618.622
CL Pier 2	4744.009	6.000	618.621	618.621
J	4754.009	6.000	618.622	618.630
K	4764.009	6.000	618.616	618.631
L	4774.009	6.000	618.603	618.621
M	4784.009	6.000	618.585	618.597
CL Brg E. Abut	4794.009	6.000	618.560	618.560
Back of E. Abut	4797.139	6.000	618.550	618.550

☉ BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4626.357	12.000	618.284	618.284
CL Brg W. Abut	4629.488	12.000	618.291	618.291
A	4639.488	12.000	618.312	618.325
B	4649.488	12.000	618.324	618.342
C	4659.488	12.000	618.332	618.347
D	4669.488	12.000	618.332	618.340
CL Pier 1	4679.488	12.000	618.372	618.372
E	4689.488	12.000	618.413	618.421
F	4699.488	12.000	618.448	618.463
G	4709.488	12.000	618.477	618.498
H	4719.488	12.000	618.500	618.514
I	4729.488	12.000	618.516	618.523
CL Pier 2	4739.488	12.000	618.525	618.525
J	4749.488	12.000	618.529	618.537
K	4759.488	12.000	618.525	618.541
L	4769.488	12.000	618.516	618.534
M	4779.488	12.000	618.500	618.513
CL Brg E. Abut	4789.488	12.000	618.478	618.478
Back of E. Abut	4792.618	12.000	618.470	618.470

☉ BEAM 5A

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut	4621.836	18.000	618.147	618.147
CL Brg W. Abut	4624.966	18.000	618.156	618.156
A	4634.966	18.000	618.178	618.191
B	4644.966	18.000	618.195	618.213
C	4654.966	18.000	618.205	618.221
D	4664.966	18.000	618.208	618.216
CL Pier 1	4674.966	18.000	618.226	618.226
E	4684.966	18.000	618.271	618.278
F	4694.966	18.000	618.309	618.323
G	4704.966	18.000	618.340	618.361
H	4714.966	18.000	618.365	618.380
I	4724.966	18.000	618.384	618.392
CL Pier 2	4734.966	18.000	618.397	618.397
J	4744.966	18.000	618.403	618.411
K	4754.966	18.000	618.403	618.418
L	4764.966	18.000	618.396	618.414
M	4774.966	18.000	618.383	618.396
CL Brg E. Abut	4784.966	18.000	618.364	618.364
Back of E. Abut	4788.097	18.000	618.357	618.357

DESIGNED Patrick M. Petrone
CHECKED Stephen M. Ryan
DRAWN R. Sommer
CHECKED P.M.P./S.M.R.

October 11, 2005
EXAMINED Thomas J. Domagalaki
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RT. 309 SEC. 7VBR
WHITESIDE COUNTY
STATION 47+18.53
STRUCTURE No. 098-6001