

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	450	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 68200				

BEAM 15

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10+738.227	-3.530	197.393	197.393
⊕ Brg.	10+738.910	-3.530	197.414	197.414
A2	10+741.910	-3.530	197.507	197.514
B2	10+744.910	-3.530	197.595	197.609
C2	10+747.910	-3.530	197.678	197.697
D2	10+750.910	-3.530	197.757	197.778
E2	10+753.910	-3.530	197.831	197.854
F2	10+756.910	-3.530	197.900	197.923
G2	10+759.910	-3.530	197.965	197.986
H2	10+762.910	-3.530	198.024	198.043
I2	10+765.910	-3.530	198.079	198.093
J2	10+768.910	-3.530	198.129	198.137
⊕ Brg.	10+772.227	-3.530	198.179	198.179
⊕ Pier 1	10+772.453	-3.530	198.182	198.182
⊕ Brg.	10+772.678	-3.530	198.186	198.186
A3	10+775.678	-3.530	198.225	198.236
B3	10+778.678	-3.530	198.259	198.280
C3	10+781.678	-3.530	198.289	198.317
D3	10+784.678	-3.530	198.314	198.348
E3	10+787.678	-3.530	198.335	198.372
F3	10+790.678	-3.530	198.350	198.390
G3	10+793.678	-3.530	198.361	198.400
H3	10+796.678	-3.530	198.367	198.403
I3	10+799.678	-3.530	198.368	198.401
H3	10+802.678	-3.530	198.365	198.391
K3	10+805.678	-3.530	198.356	198.374
L3	10+808.678	-3.530	198.343	198.351
⊕ Brg.	10+810.811	-3.530	198.331	198.331
⊕ Pier 2	10+811.111	-3.530	198.329	198.329
⊕ Brg.	10+811.410	-3.530	198.327	198.327
A4	10+814.410	-3.530	198.304	198.312
B4	10+817.410	-3.530	198.277	198.291
C4	10+820.410	-3.530	198.246	198.263
D4	10+823.410	-3.530	198.209	198.230
E4	10+826.410	-3.530	198.168	198.190
F4	10+829.410	-3.530	198.122	198.144
G4	10+832.410	-3.530	198.072	198.093
H4	10+835.410	-3.530	198.023	198.041
I4	10+838.410	-3.530	197.974	197.988
J4	10+841.410	-3.530	197.924	197.933
⊕ Brg.	10+844.311	-3.530	197.878	197.878
Bk. N. Abut.	10+845.036	-3.530	197.866	197.866

BEAM 16

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10+736.043	-1.188	197.289	197.289
⊕ Brg.	10+736.727	-1.188	197.311	197.311
A2	10+739.727	-1.188	197.404	197.412
B2	10+742.727	-1.188	197.496	197.510
C2	10+745.727	-1.188	197.583	197.602
D2	10+748.727	-1.188	197.665	197.686
E2	10+751.727	-1.188	197.743	197.765
F2	10+754.727	-1.188	197.815	197.838
G2	10+757.727	-1.188	197.883	197.905
H2	10+760.727	-1.188	197.946	197.965
I2	10+763.727	-1.188	198.005	198.019
J2	10+766.727	-1.188	198.058	198.066
⊕ Brg.	10+770.043	-1.188	198.112	198.112
⊕ Pier 1	10+770.269	-1.188	198.115	198.115
⊕ Brg.	10+770.494	-1.188	198.119	198.119
A3	10+773.494	-1.188	198.162	198.173
B3	10+776.494	-1.188	198.200	198.222
C3	10+779.494	-1.188	198.233	198.261
D3	10+782.494	-1.188	198.261	198.295
E3	10+785.494	-1.188	198.285	198.323
F3	10+788.494	-1.188	198.304	198.344
G3	10+791.494	-1.188	198.318	198.357
H3	10+794.494	-1.188	198.328	198.364
I3	10+797.494	-1.188	198.333	198.365
H3	10+800.494	-1.188	198.333	198.359
K3	10+803.494	-1.188	198.328	198.346
L3	10+806.494	-1.188	198.318	198.326
⊕ Brg.	10+808.627	-1.188	198.308	198.308
⊕ Pier 2	10+808.927	-1.188	198.307	198.307
⊕ Brg.	10+809.226	-1.188	198.305	198.305
A4	10+812.226	-1.188	198.286	198.294
B4	10+815.226	-1.188	198.262	198.276
C4	10+818.226	-1.188	198.234	198.252
D4	10+821.226	-1.188	198.201	198.222
E4	10+824.226	-1.188	198.163	198.186
F4	10+827.226	-1.188	198.120	198.143
G4	10+830.226	-1.188	198.073	198.094
H4	10+833.226	-1.188	198.024	198.042
I4	10+836.226	-1.188	197.974	197.988
J4	10+839.226	-1.188	197.925	197.933
⊕ Brg.	10+842.127	-1.188	197.879	197.879
Bk. N. Abut.	10+842.852	-1.188	197.867	197.867

RAMP B-1

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10+734.935	0.000	197.237	197.237
⊕ Brg.	10+735.619	0.000	197.258	197.258
A2	10+738.619	0.000	197.352	197.359
B2	10+741.619	0.000	197.445	197.459
C2	10+744.619	0.000	197.534	197.552
D2	10+747.619	0.000	197.618	197.639
E2	10+750.619	0.000	197.697	197.719
F2	10+753.619	0.000	197.771	197.794
G2	10+756.619	0.000	197.841	197.862
H2	10+759.619	0.000	197.906	197.925
I2	10+762.619	0.000	197.966	197.980
J2	10+765.619	0.000	198.021	198.029
⊕ Brg.	10+768.935	0.000	198.077	198.077
⊕ Pier 1	10+769.161	0.000	198.080	198.080
⊕ Brg.	10+769.387	0.000	198.084	198.084
A3	10+772.387	0.000	198.128	198.140
B3	10+775.387	0.000	198.168	198.189
C3	10+778.387	0.000	198.203	198.231
D3	10+781.387	0.000	198.234	198.267
E3	10+784.387	0.000	198.259	198.297
F3	10+787.387	0.000	198.280	198.319
G3	10+790.387	0.000	198.296	198.335
H3	10+793.387	0.000	198.307	198.344
I3	10+796.387	0.000	198.314	198.346
H3	10+799.387	0.000	198.315	198.341
K3	10+802.387	0.000	198.312	198.333
L3	10+805.387	0.000	198.304	198.312
⊕ Brg.	10+807.520	0.000	198.296	198.296
⊕ Pier 2	10+807.819	0.000	198.295	198.295
⊕ Brg.	10+808.118	0.000	198.293	198.293
A4	10+811.118	0.000	198.276	198.284
B4	10+814.118	0.000	198.254	198.267
C4	10+817.118	0.000	198.227	198.245
D4	10+820.118	0.000	198.196	198.217
E4	10+823.118	0.000	198.160	198.182
F4	10+826.118	0.000	198.119	198.142
G4	10+829.118	0.000	198.073	198.094
H4	10+832.118	0.000	198.024	198.042
I4	10+835.118	0.000	197.975	197.989
J4	10+838.118	0.000	197.925	197.934
⊕ Brg.	10+841.019	0.000	197.879	197.879
Bk. N. Abut.	10+841.744	0.000	197.867	197.867

BEAM 17

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	10+733.859	1.154	197.180	197.180
⊕ Brg.	10+734.543	1.154	197.202	197.202
A2	10+737.543	1.154	197.295	197.303
B2	10+740.543	1.154	197.389	197.402
C2	10+743.543	1.154	197.479	197.498
D2	10+746.543	1.154	197.565	197.586
E2	10+749.543	1.154	197.646	197.668
F2	10+752.543	1.154	197.722	197.745
G2	10+755.543	1.154	197.793	197.815
H2	10+758.543	1.154	197.860	197.879
I2	10+761.543	1.154	197.922	197.936
J2	10+764.543	1.154	197.979	197.987
⊕ Brg.	10+767.859	1.154	198.036	198.036
⊕ Pier 1	10+768.085	1.154	198.040	198.040
⊕ Brg.	10+768.310	1.154	198.044	198.044
A3	10+771.310	1.154	198.090	198.101
B3	10+774.310	1.154	198.131	198.152
C3	10+777.310	1.154	198.168	198.196
D3	10+780.310	1.154	198.200	198.234
E3	10+783.310	1.154	198.228	198.265
F3	10+786.310	1.154	198.250	198.289
G3	10+789.310	1.154	198.268	198.307
H3	10+792.310	1.154	198.281	198.317
I3	10+795.310	1.154	198.289	198.321
H3	10+798.310	1.154	198.292	198.318
K3	10+801.310	1.154	198.291	198.309
L3	10+804.310	1.154	198.285	198.293
⊕ Brg.	10+806.443	1.154	198.277	198.277
⊕ Pier 2	10+806.743	1.154	198.276	198.276
⊕ Brg.	10+807.042	1.154	198.275	198.275
A4	10+810.042	1.154	198.259	198.267
B4	10+813.042	1.154	198.239	198.253
C4	10+816.042	1.154	198.214	198.232
D4	10+819.042	1.154	198.185	198.205
E4	10+822.042	1.154	198.150	198.173
F4	10+825.042	1.154	198.111	198.134
G4	10+828.042	1.154	198.067	198.088
H4	10+831.042	1.154	198.019	198.037
I4	10+834.042	1.154	197.969	197.983
J4	10+837.042	1.154	197.920	197.928
⊕ Brg.	10+839.943	1.154	197.874	197.874
Bk. N. Abut.	10+840.668	1.154	197.862	197.862

Notes:
 Work this Sheet with Sheet 4.
 All elevations and offsets are in meters.
 All elevations are at top of slab.
 All stations are based on @ Ramp B-1.

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
TOP OF SLAB ELEVATIONS SPANS - 2 TO 4		
RAMPS B-1 AND B-4 OVER F.A.I. ROUTE 74 (I-74) RAMPS A-3 AND B-3 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STATION 10+779.03 STRUCTURE NUMBER 072-0183		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 7	SCALE N.T.S.	DATE 2-18-03
		SHEET NO. 7

Time: 09:37:53 AM
 Date: 1/19/2004
 File: c:\p1\643996\struc\trac\072-0183\Sheet1\Tracings\SH0004-I-74\0720183.dgn

Designed by: DL
 Checked by: AK
 Drafted by: FTE
 Checked by: AK