

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 72	74-70HBR	PIATT	41	21
FED. ROAD DIST. NO. 5		ILLINOIS PROJECT		

Sheet 5 of 20 CONTRACT #90957

IL ROUTE 10 & PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	4062.83	0.000	751.662	751.662
⊕ Brg W. Abut.	4065.21	0.000	751.672	751.672
A	4075.21	0.000	751.708	751.712
B	4085.21	0.000	751.738	751.743
C	4095.21	0.000	751.761	751.765
D	4105.21	0.000	751.778	751.778
⊕ Pier 1	4116.31	0.000	751.788	751.788
E	4126.31	0.000	751.791	751.806
F	4136.31	0.000	751.787	751.818
G	4146.31	0.000	751.777	751.815
H	4156.31	0.000	751.759	751.806
J	4166.31	0.000	751.736	751.773
K	4186.31	0.000	751.705	751.732
			751.669	751.683
⊕ Pier 2	4197.41	0.000	751.620	751.620
L	4207.41	0.000	751.569	751.582
M	4217.41	0.000	751.512	751.537
N	4227.41	0.000	751.448	751.484
O	4237.41	0.000	751.377	751.423
P	4247.41	0.000	751.300	751.340
Q	4257.41	0.000	751.216	751.248
R	4267.41	0.000	751.126	751.143
⊕ Pier 3	4278.52	0.000	751.018	751.018
S	4288.52	0.000	750.914	750.914
T	4298.52	0.000	750.803	750.806
U	4308.52	0.000	750.685	750.691
V	4318.52	0.000	750.561	750.566
⊕ Brg. E. Abut.	4329.62	0.000	750.416	750.416
Bk. E. Abut.	4332.00	0.000	750.384	750.384

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	4060.82	2.979	751.607	751.607
⊕ Brg W. Abut.	4063.20	2.979	751.617	751.617
A	4073.20	2.979	751.655	751.659
B	4083.20	2.979	751.686	751.691
C	4093.20	2.979	751.711	751.714
D	4103.20	2.979	751.728	751.728
⊕ Pier 1	4114.30	2.979	751.741	751.741
E	4124.30	2.979	751.745	751.760
F	4134.30	2.979	751.742	751.773
G	4144.30	2.979	751.733	751.771
H	4154.30	2.979	751.717	751.763
I	4164.30	2.979	751.695	751.732
J	4174.30	2.979	751.666	751.692
K	4184.30	2.979	751.630	751.644
⊕ Pier 2	4195.41	2.979	751.583	751.583
L	4205.41	2.979	751.533	751.546
M	4215.41	2.979	751.477	751.503
N	4225.41	2.979	751.415	751.451
O	4235.41	2.979	751.345	751.392
P	4245.41	2.979	751.269	751.309
Q	4255.41	2.979	751.187	751.219
R	4265.41	2.979	751.098	751.115
⊕ Pier 3	4276.51	2.979	750.991	750.991
S	4286.51	2.979	750.889	750.889
T	4296.51	2.979	750.779	750.782
U	4306.51	2.979	750.663	750.668
V	4316.51	2.979	750.540	750.545
⊕ Brg. E. Abut.	4327.61	2.979	750.396	750.396
Bk. E. Abut.	4329.99	2.979	750.364	750.364

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	4056.81	8.938	751.497	751.497
⊕ Brg W. Abut.	4059.18	8.938	751.507	751.507
A	4069.18	8.938	751.548	751.552
B	4079.18	8.938	751.581	751.586
C	4089.18	8.938	751.608	751.612
D	4099.18	8.938	751.629	751.629
⊕ Pier 1	4110.29	8.938	751.644	751.644
E	4120.29	8.938	751.651	751.666
F	4130.29	8.938	751.651	751.681
G	4140.29	8.938	751.644	751.683
H	4150.29	8.938	751.631	751.677
I	4160.29	8.938	751.611	751.648
J	4170.29	8.938	751.585	751.612
K	4180.29	8.938	751.552	751.566
⊕ Pier 2	4191.39	8.938	751.508	751.508
L	4201.39	8.938	751.461	751.474
M	4211.39	8.938	751.407	751.433
N	4221.39	8.938	751.347	751.383
O	4231.39	8.938	751.281	751.327
P	4241.39	8.938	751.208	751.247
Q	4251.39	8.938	751.128	751.160
R	4261.39	8.938	751.041	751.059
⊕ Pier 3	4272.49	8.938	750.938	750.938
S	4282.49	8.938	750.838	750.838
T	4292.49	8.938	750.731	750.734
U	4302.49	8.938	750.617	750.622
V	4312.49	8.938	750.497	750.502
⊕ Brg. E. Abut.	4323.60	8.938	750.356	750.356
Bk. E. Abut.	4325.97	8.938	750.325	750.325

SOUTH LONGITUDINAL BONDED CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	4054.74	12.000	751.439	751.439
⊕ Brg W. Abut.	4057.12	12.000	751.450	751.450
A	4067.12	12.000	751.492	751.496
B	4077.12	12.000	751.527	751.532
C	4087.12	12.000	751.556	751.559
D	4097.12	12.000	751.577	751.577
⊕ Pier 1	4108.22	12.000	751.594	751.594
E	4118.22	12.000	751.602	751.617
F	4128.22	12.000	751.603	751.634
G	4138.22	12.000	751.598	751.637
H	4148.22	12.000	751.586	751.633
I	4158.22	12.000	751.568	751.605
J	4168.22	12.000	751.543	751.570
K	4178.22	12.000	751.511	751.526
⊕ Pier 2	4189.33	12.000	751.469	751.469
L	4199.33	12.000	751.423	751.436
M	4209.33	12.000	751.371	751.397
N	4219.33	12.000	751.312	751.349
O	4229.33	12.000	751.247	751.294
P	4239.33	12.000	751.175	751.215
Q	4249.33	12.000	751.097	751.125
R	4259.33	12.000	751.012	751.029
⊕ Pier 3	4270.43	12.000	750.910	750.910
S	4280.43	12.000	750.811	750.811
T	4290.43	12.000	750.705	750.708
U	4300.43	12.000	750.593	750.598
V	4310.43	12.000	750.475	750.479
⊕ Brg. E. Abut.	4321.53	12.000	750.335	750.335
Bk. E. Abut.	4323.91	12.000	750.304	750.304

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	4052.79	14.896	751.370	751.370
⊕ Brg W. Abut.	4055.17	14.896	751.381	751.381
A	4065.17	14.896	751.424	751.428
B	4075.17	14.896	751.460	751.466
C	4085.17	14.896	751.490	751.494
D	4095.17	14.896	751.513	751.513
⊕ Pier 1	4106.27	14.896	751.531	751.531
E	4116.27	14.896	751.541	751.556
F	4126.27	14.896	751.543	751.574
G	4136.27	14.896	751.539	751.578
H	4146.27	14.896	751.529	751.575
I	4156.27	14.896	751.512	751.549
J	4166.27	14.896	751.488	751.515
K	4176.27	14.896	751.458	751.472
⊕ Pier 2	4187.37	14.896	751.417	751.417
L	4197.37	14.896	751.372	751.385
M	4207.37	14.896	751.322	751.347
N	4217.37	14.896	751.264	751.300
O	4227.37	14.896	751.200	751.247
P	4237.37	14.896	751.130	751.169
Q	4247.37	14.896	751.053	751.084
R	4257.37	14.896	750.969	750.986
⊕ Pier 3	4268.48	14.896	750.868	750.868
S	4278.48	14.896	750.771	750.771
T	4288.48	14.896	750.666	750.669
U	4298.48	14.896	750.555	750.561
V	4308.48	14.896	750.438	750.443
⊕ Brg. E. Abut.	4319.58	14.896	750.300	750.300
Bk. E. Abut.	4321.96	14.896	750.269	750.269

DESIGNED	A.J.E. & T.S.H.
CHECKED	M.D.C.
DRAWN	A.J.E. & T.S.H.
CHECKED	M.D.C.

E-S 4-30-97

Work this sheet with sheet 4 of 20.

TOP OF SLAB ELEVATIONS	
IL ROUTE 10 OVER I-72 F.A.I. ROUTE 72 SECTION 74-70HBR PIATT COUNTY STA. 1421+61.77 S.N. 074-0007	
CUMMINS ENGINEERING CORPORATION	JOB #: 2088 FILE: 088SLAB DATE: 5/14/04