

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 622	04-00077-01-BR	SANGAMON	22	9
ILLINOIS PROJECT				

CONTRACT NO. 93414
Sheet 4 of 13

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4490.654	-17.083	590.214	590.214
⊕ Brg. N. Abut.	4492.029	-17.083	590.220	590.220
A	4502.029	-17.083	590.268	590.346
B	4512.029	-17.083	590.324	590.467
C	4522.029	-17.083	590.388	590.561
D	4532.029	-17.083	590.460	590.632
E	4542.029	-17.083	590.539	590.681
F	4552.029	-17.083	590.625	590.703
⊕ Brg. S. Abut.	4562.029	-17.083	590.720	590.720
Bk. S. Abut.	4563.404	-17.083	590.733	590.733

EAST LONGITUDINAL BONDED CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4493.024	-12.000	590.330	590.330
⊕ Brg. N. Abut.	4494.399	-12.000	590.337	590.337
A	4504.399	-12.000	590.387	590.464
B	4514.399	-12.000	590.445	590.587
C	4524.399	-12.000	590.510	590.683
D	4534.399	-12.000	590.583	590.756
E	4544.399	-12.000	590.664	590.807
F	4554.399	-12.000	590.753	590.830
⊕ Brg. S. Abut.	4564.399	-12.000	590.849	590.849
Bk. S. Abut.	4565.774	-12.000	590.863	590.863

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4493.840	-10.250	590.361	590.361
⊕ Brg. N. Abut.	4495.215	-10.250	590.368	590.368
A	4505.215	-10.250	590.419	590.496
B	4515.215	-10.250	590.477	590.620
C	4525.215	-10.250	590.543	590.716
D	4535.215	-10.250	590.617	590.790
E	4545.215	-10.250	590.698	590.841
F	4555.215	-10.250	590.788	590.865
⊕ Brg. S. Abut.	4565.215	-10.250	590.884	590.884
Bk. S. Abut.	4566.590	-10.250	590.898	590.898

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4497.027	-3.417	590.483	590.483
⊕ Brg. N. Abut.	4498.402	-3.417	590.490	590.490
A	4508.402	-3.417	590.543	590.620
B	4518.402	-3.417	590.604	590.747
C	4528.402	-3.417	590.672	590.845
D	4538.402	-3.417	590.749	590.921
E	4548.402	-3.417	590.833	590.975
F	4558.402	-3.417	590.924	591.002
⊕ Brg. S. Abut.	4568.402	-3.417	591.023	591.023
Bk. S. Abut.	4569.777	-3.417	591.038	591.038

⊕ ROADWAY & PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4498.620	0.000	590.544	590.544
⊕ Brg. N. Abut.	4500.000	0.000	590.551	590.551
A	4510.000	0.000	590.605	590.683
B	4520.000	0.000	590.668	590.810
C	4530.000	0.000	590.737	590.910
D	4540.000	0.000	590.815	590.987
E	4550.000	0.000	590.900	591.043
F	4560.000	0.000	590.993	591.070
⊕ Brg. S. Abut.	4570.000	0.000	591.093	591.093
Bk. S. Abut.	4571.380	0.000	591.108	591.108

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4500.213	3.417	590.499	590.499
⊕ Brg. N. Abut.	4501.588	3.417	590.506	590.506
A	4511.588	3.417	590.561	590.639
B	4521.588	3.417	590.625	590.768
C	4531.588	3.417	590.696	590.868
D	4541.588	3.417	590.775	590.947
E	4551.588	3.417	590.861	591.004
F	4561.588	3.417	590.955	591.032
⊕ Brg. S. Abut.	4571.588	3.417	591.057	591.057
Bk. S. Abut.	4572.963	3.417	591.071	591.071

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4503.400	10.250	590.409	590.409
⊕ Brg. N. Abut.	4504.775	10.250	590.416	590.416
A	4514.775	10.250	590.474	590.552
B	4524.775	10.250	590.540	590.683
C	4534.775	10.250	590.613	590.786
D	4544.775	10.250	590.695	590.867
E	4554.775	10.250	590.783	590.926
F	4564.775	10.250	590.880	590.957
⊕ Brg. S. Abut.	4574.775	10.250	590.984	590.984
Bk. S. Abut.	4576.150	10.250	590.999	590.999

WEST LONGITUDINAL BONDED CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4504.216	12.000	590.386	590.386
⊕ Brg. N. Abut.	4505.591	12.000	590.393	590.393
A	4515.591	12.000	590.452	590.529
B	4525.591	12.000	590.518	590.661
C	4535.591	12.000	590.593	590.765
D	4545.591	12.000	590.674	590.847
E	4555.591	12.000	590.764	590.907
F	4565.591	12.000	590.861	590.938
⊕ Brg. S. Abut.	4575.591	12.000	590.966	590.966
Bk. S. Abut.	4576.966	12.000	590.981	590.981

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	4506.586	17.083	590.293	590.293
⊕ Brg. N. Abut.	4507.961	17.083	590.301	590.301
A	4517.961	17.083	590.361	590.439
B	4527.961	17.083	590.430	590.572
C	4537.961	17.083	590.505	590.678
D	4547.961	17.083	590.589	590.762
E	4557.961	17.083	590.680	590.823
F	4567.961	17.083	590.779	590.857
⊕ Brg. S. Abut.	4577.961	17.083	590.886	590.886
Bk. S. Abut.	4579.336	17.083	590.901	590.901

DESIGNED	Ruben V. Boehler
CHECKED	Tim S. Howard
DRAWN	Tim S. Howard
CHECKED	Michael D. Cummins

E-S

10-22-04

Work this sheet with sheet 3 of 13.

TOP OF SLAB ELEVATIONS

C.H. 15 OVER LITTLE SPRING CREEK
SECTION 04-00077-01-BR
SANGAMON COUNTY
STA. 45+35
S.N. 084-3407

CUMMINS ENGINEERING CORPORATION	JOB #: 2157
	FILE: 2157SLAB
	DATE: 10/13/05