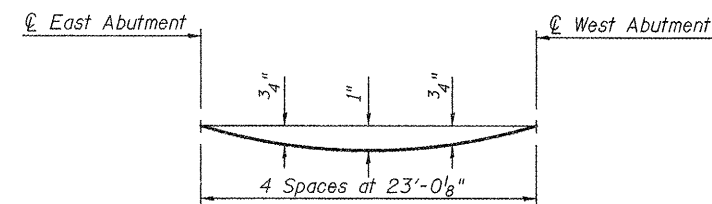
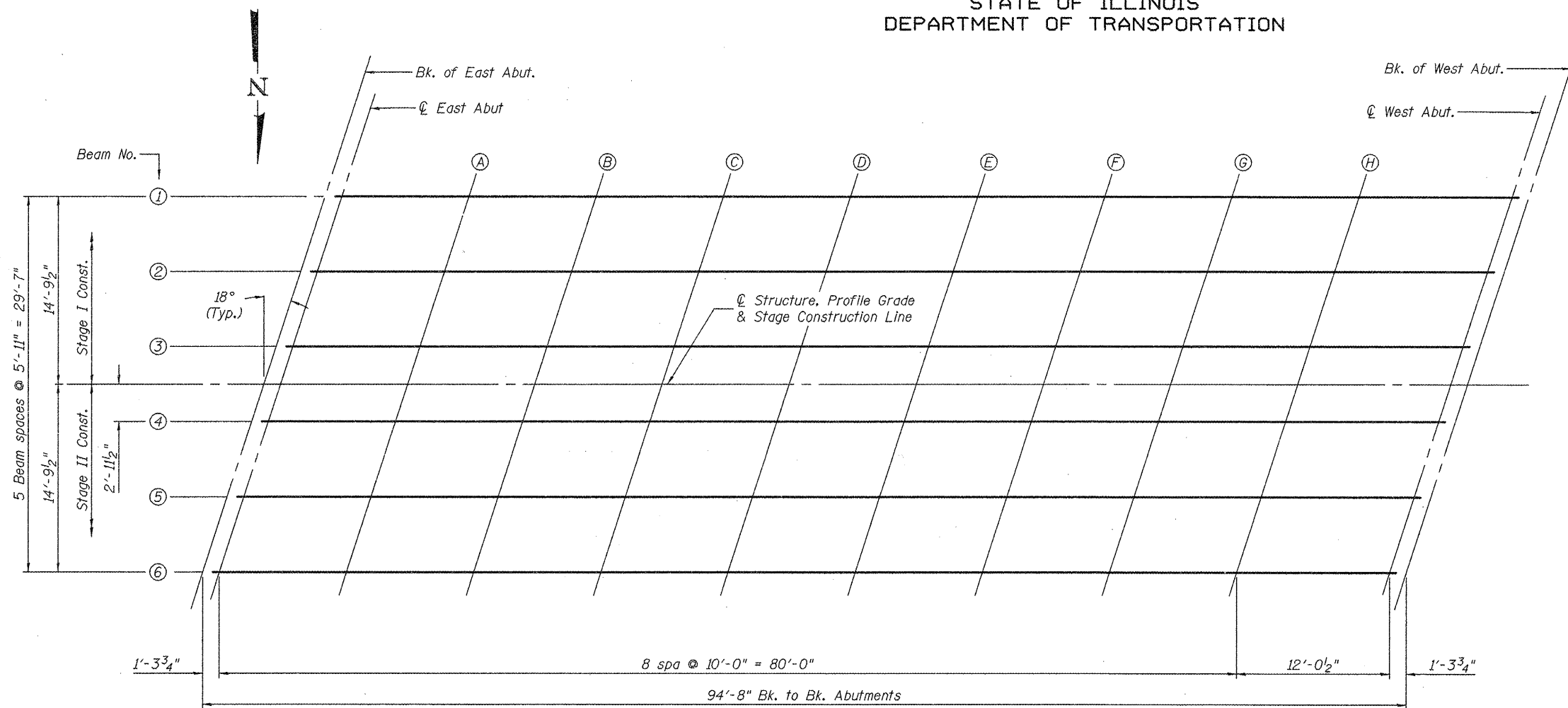
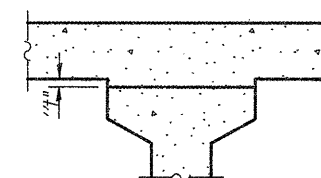


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheet 7 of 21.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

PLAN

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. East Abut.	564+46.13	-14.79	588.23	588.23
C.L. East Abut.	564+47.45	-14.79	588.16	588.16
A	564+57.45	-14.79	587.64	587.67
B	564+67.45	-14.79	587.12	587.17
C	564+77.45	-14.79	586.60	586.67
D	564+87.45	-14.79	586.09	586.16
E	564+97.45	-14.79	585.57	585.65
F	565+07.45	-14.79	585.05	585.12
G	565+17.45	-14.79	584.56	584.61
H	565+27.45	-14.79	584.08	584.11
C.L. West Abut.	565+39.49	-14.79	583.53	583.53
Bk. West Abut.	565+40.80	-14.79	583.47	583.47

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. East Abut.	564+44.21	-8.88	588.43	588.43
C.L. East Abut.	564+45.52	-8.88	588.37	588.37
A	564+55.52	-8.88	587.85	587.87
B	564+65.52	-8.88	587.33	587.38
C	564+75.52	-8.88	586.81	586.88
D	564+85.52	-8.88	586.29	586.37
E	564+95.52	-8.88	585.77	585.86
F	565+05.52	-8.88	585.26	585.33
G	565+15.52	-8.88	584.76	584.82
H	565+25.52	-8.88	584.28	584.31
C.L. West Abut.	565+37.56	-8.88	583.72	583.72
Bk. West Abut.	565+38.88	-8.88	583.66	583.66

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. East Abut.	564+42.29	-2.96	588.63	588.63
C.L. East Abut.	564+43.60	-2.96	588.56	588.56
A	564+53.60	-2.96	588.04	588.07
B	564+63.60	-2.96	587.52	587.57
C	564+73.60	-2.96	587.00	587.07
D	564+83.60	-2.96	586.48	586.56
E	564+93.60	-2.96	585.97	586.05
F	565+03.60	-2.96	585.45	585.52
G	565+13.60	-2.96	584.95	585.01
H	565+23.60	-2.96	584.46	584.49
C.L. West Abut.	565+35.64	-2.96	583.90	583.90
Bk. West Abut.	565+36.96	-2.96	583.84	583.84

(Sheet 1 of 2)

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 055-0079

DESIGNED	PMM
CHECKED	CTW
DRAWN	SEC
CHECKED	CTW

PI-E

10-1-08

SHEET NO. 6	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	685	37BR-1	MCDONOUGH	138	61
21 SHEETS	CONTRACT NO. 68352				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

EFK Moen, LLC
Civil Engineering Design
331 Salem Place
Suite 225
Fairview Heights, IL 62208
Phone 618-206-4250
Fax 618-206-4253