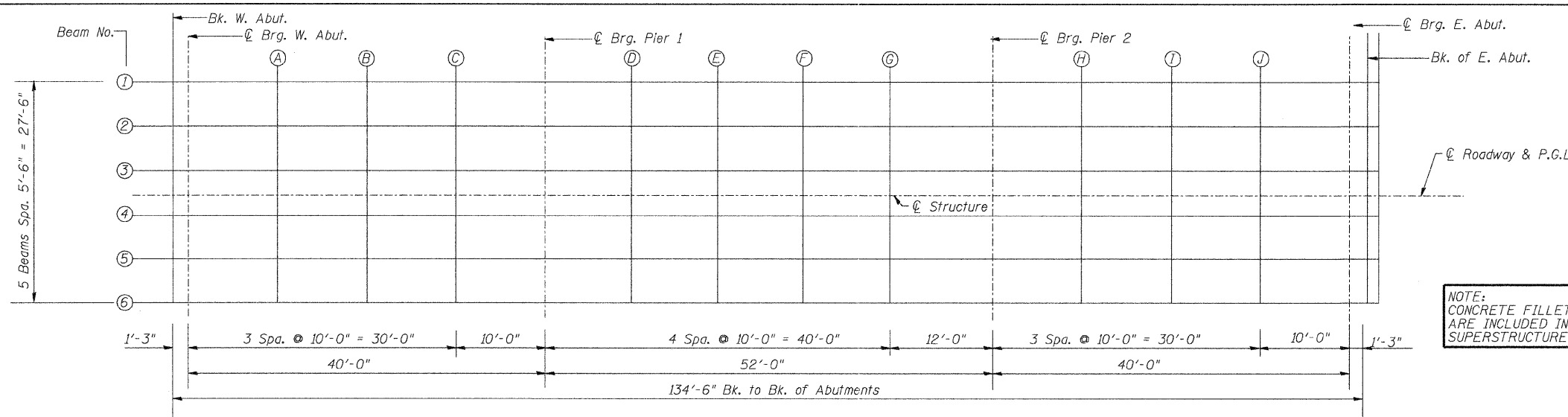
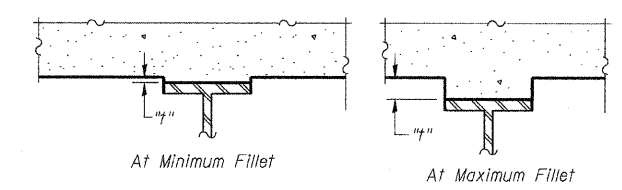


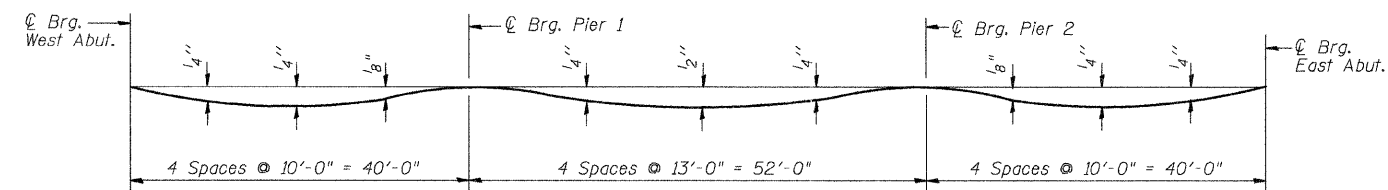
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. II	10-00962-00-BR	CHAMPAIGN	40	II
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		



NOTE:
CONCRETE FILLET QUANTITIES
ARE INCLUDED IN CONCRETE
SUPERSTRUCTURE PLAN QUANTITIES



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheets 3 & 4 of 23. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

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 on sheets 3 & 4 of 23.

FILLET HEIGHTS

BEAM 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Of W. Abut	9+32.75	13.75 Lt.	690.53	690.53
Cl. W. Abut	9+34.00	13.75 Lt.	690.54	690.54
A	9+44.00	13.75 Lt.	690.57	690.59
B	9+54.00	13.75 Lt.	690.59	690.61
C	9+64.00	13.75 Lt.	690.61	690.62
Cl. Pier 1	9+74.00	13.75 Lt.	690.63	690.63
D	9+84.00	13.75 Lt.	690.64	690.66
E	9+94.00	13.75 Lt.	690.65	690.68
F	10+04.00	13.75 Lt.	690.65	690.68
G	10+14.00	13.75 Lt.	690.64	690.66
Cl. Pier 2	10+26.00	13.75 Lt.	690.63	690.63
H	10+36.00	13.75 Lt.	690.61	690.62
I	10+46.00	13.75 Lt.	690.59	690.61
J	10+56.00	13.75 Lt.	690.57	690.59
Cl. E. Abut	10+66.00	13.75 Lt.	690.54	690.54
Bk. Of E. Abut	10+67.25	13.75 Lt.	690.53	690.53

BEAM 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Of W. Abut	9+32.75	8.25 Lt.	690.63	690.63
Cl. W. Abut	9+34.00	8.25 Lt.	690.63	690.63
A	9+44.00	8.25 Lt.	690.66	690.68
B	9+54.00	8.25 Lt.	690.69	690.71
C	9+64.00	8.25 Lt.	690.71	690.72
Cl. Pier 1	9+74.00	8.25 Lt.	690.72	690.72
D	9+84.00	8.25 Lt.	690.73	690.75
E	9+94.00	8.25 Lt.	690.74	690.78
F	10+04.00	8.25 Lt.	690.74	690.78
G	10+14.00	8.25 Lt.	690.74	690.76
Cl. Pier 2	10+26.00	8.25 Lt.	690.72	690.72
H	10+36.00	8.25 Lt.	690.71	690.72
I	10+46.00	8.25 Lt.	690.69	690.71
J	10+56.00	8.25 Lt.	690.66	690.68
Cl. E. Abut	10+66.00	8.25 Lt.	690.63	690.63
Bk. Of E. Abut	10+67.25	8.25 Lt.	690.63	690.63

BEAM 3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. Of W. Abut	9+32.75	2.75 Lt.	690.71	690.71
Cl. W. Abut	9+34.00	2.75 Lt.	690.72	690.72
A	9+44.00	2.75 Lt.	690.75	690.77
B	9+54.00	2.75 Lt.	690.77	690.80
C	9+64.00	2.75 Lt.	690.79	690.80
Cl. Pier 1	9+74.00	2.75 Lt.	690.81	690.81
D	9+84.00	2.75 Lt.	690.82	690.84
E	9+94.00	2.75 Lt.	690.83	690.86
F	10+04.00	2.75 Lt.	690.83	690.86
G	10+14.00	2.75 Lt.	690.82	690.84
Cl. Pier 2	10+26.00	2.75 Lt.	690.81	690.81
H	10+36.00	2.75 Lt.	690.79	690.80
I	10+46.00	2.75 Lt.	690.77	690.80
J	10+56.00	2.75 Lt.	690.75	690.77
Cl. E. Abut	10+66.00	2.75 Lt.	690.72	690.72
Bk. Of E. Abut	10+67.25	2.75 Lt.	690.71	690.71

TOP OF SLAB ELEVATIONS I
SECTION: 10-00962-00-BR
CHAMPAIGN COUNTY
CL. STATION 10+00