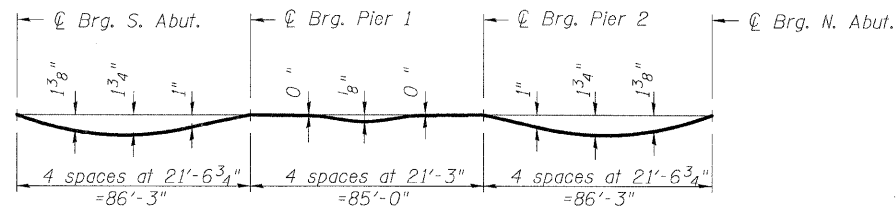


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.P. 324	23B (1&2)F	McHENRY	17	6	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract # 60E54

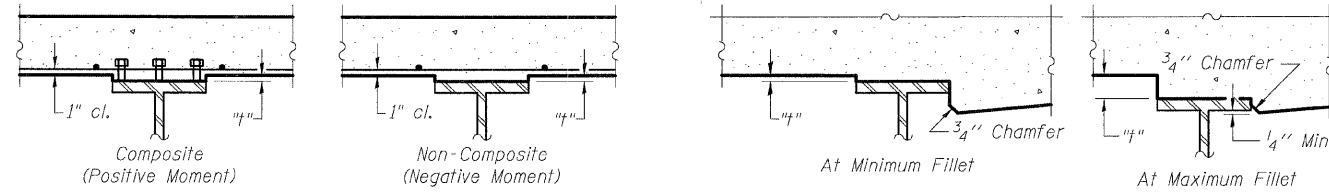


DEAD LOAD DEFLECTION DIAGRAM

(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.



INTERIOR BEAMS

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

EXTERIOR BEAMS

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	-20.42	804.46	804.46
@ S. Abut.	67+73.75	-20.42	804.46	804.46
A	67+83.75	-20.42	804.51	804.57
B	67+93.75	-20.42	804.56	804.67
C	68+03.75	-20.42	804.61	804.75
D	68+13.75	-20.42	804.66	804.81
E	68+23.75	-20.42	804.71	804.84
F	68+33.75	-20.42	804.76	804.86
G	68+43.75	-20.42	804.81	804.87
H	68+53.75	-20.42	804.86	804.88
@ Pier 1	68+60.00	-20.42	804.89	804.89
I	68+70.00	-20.42	804.94	804.93
J	68+80.00	-20.42	804.99	804.99
K	68+90.00	-20.42	805.04	805.04
L	69+00.00	-20.42	805.09	805.10
M	69+10.00	-20.42	805.14	805.15
N	69+20.00	-20.42	805.19	805.19
O	69+30.00	-20.42	805.24	805.23
P	69+40.00	-20.42	805.29	805.28
@ Pier 2	69+45.00	-20.42	805.32	805.32
Q	69+55.00	-20.42	805.37	805.40
R	69+65.00	-20.42	805.42	805.49
S	69+75.00	-20.42	805.47	805.58
T	69+85.00	-20.42	805.52	805.66
U	69+95.00	-20.42	805.57	805.71
V	70+05.00	-20.42	805.62	805.75
W	70+15.00	-20.42	805.67	805.76
X	70+25.00	-20.42	805.72	805.76
@ N. Abut.	70+31.25	-20.42	805.75	805.75
Bk. N. Abut.	70+32.50	-20.42	805.75	805.75

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	-14.58	804.58	804.58
@ S. Abut.	67+73.75	-14.58	804.58	804.58
A	67+83.75	-14.58	804.63	804.69
B	67+93.75	-14.58	804.68	804.79
C	68+03.75	-14.58	804.73	804.87
D	68+13.75	-14.58	804.78	804.93
E	68+23.75	-14.58	804.83	804.96
F	68+33.75	-14.58	804.88	804.98
G	68+43.75	-14.58	804.93	804.99
H	68+53.75	-14.58	804.98	805.00
@ Pier 1	68+60.00	-14.58	805.01	805.01
I	68+70.00	-14.58	805.06	805.05
J	68+80.00	-14.58	805.11	805.11
K	68+90.00	-14.58	805.16	805.16
L	69+00.00	-14.58	805.21	805.22
M	69+10.00	-14.58	805.26	805.27
N	69+20.00	-14.58	805.31	805.31
O	69+30.00	-14.58	805.36	805.35
P	69+40.00	-14.58	805.41	805.40
@ Pier 2	69+45.00	-14.58	805.44	805.44
Q	69+55.00	-14.58	805.49	805.52
R	69+65.00	-14.58	805.54	805.61
S	69+75.00	-14.58	805.59	805.70
T	69+85.00	-14.58	805.64	805.78
U	69+95.00	-14.58	805.69	805.83
V	70+05.00	-14.58	805.74	805.87
W	70+15.00	-14.58	805.79	805.88
X	70+25.00	-14.58	805.84	805.88
@ N. Abut.	70+31.25	-14.58	805.87	805.87
Bk. N. Abut.	70+32.50	-14.58	805.87	805.87

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	67+72.50	-8.75	804.68	804.68
@ S. Abut.	67+73.75	-8.75	804.68	804.68
A	67+83.75	-8.75	804.73	804.79
B	67+93.75	-8.75	804.78	804.89
C	68+03.75	-8.75	804.83	804.97
D	68+13.75	-8.75	804.88	805.03
E	68+23.75	-8.75	804.93	805.06
F	68+33.75	-8.75	804.98	805.08
G	68+43.75	-8.75	805.03	805.09
H	68+53.75	-8.75	805.08	805.10
@ Pier 1	68+60.00	-8.75	805.11	805.11
I	68+70.00	-8.75	805.16	805.15
J	68+80.00	-8.75	805.21	805.21
K	68+90.00	-8.75	805.26	805.26
L	69+00.00	-8.75	805.31	805.32
M	69+10.00	-8.75	805.36	805.37
N	69+20.00	-8.75	805.41	805.41
O	69+30.00	-8.75	805.46	805.45
P	69+40.00	-8.75	805.51	805.50
@ Pier 2	69+45.00	-8.75	805.54	805.54
Q	69+55.00	-8.75	805.59	805.62
R	69+65.00	-8.75	805.64	805.71
S	69+75.00	-8.75	805.69	805.80
T	69+85.00	-8.75	805.74	805.88
U	69+95.00	-8.75	805.79	805.93
V	70+05.00	-8.75	805.84	805.97
W	70+15.00	-8.75	805.89	805.98
X	70+25.00	-8.75	805.94	805.98
@ N. Abut.	70+31.25	-8.75	805.97	805.97
Bk. N. Abut.	70+32.50	-8.75	805.97	805.97

DESIGNED	CJB
CHECKED	PWO
DRAWN	DRP
CHECKED	PJM

FOR INFORMATION ONLY
NOT PART OF THIS CONTRACT



V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

TOP OF SLAB ELEVATIONS

ILL. ROUTE 23 OVER
KISHWAUKEE RIVER
F.A.P. RT. 324 - SEC. 23B (1&2)F
McHENRY COUNTY
STATION 69+02.50
STRUCTURE NO. 056-0001