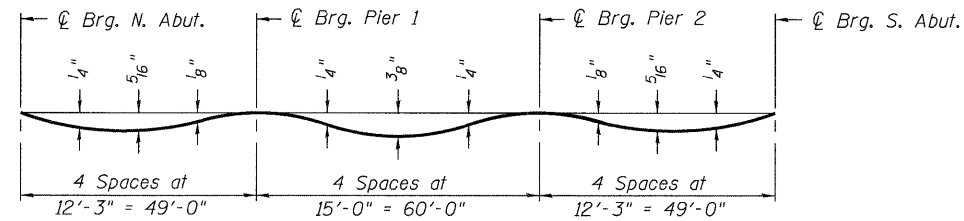


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

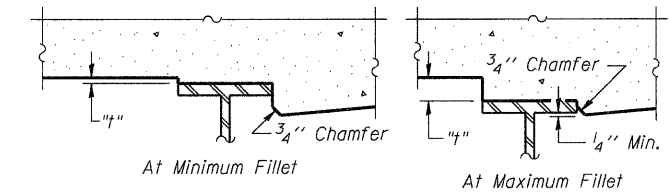


DEAD LOAD DEFLECTION DIAGRAM

(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 Sheet Nos. 6 thru 8 of 29.



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 Sheet No. 5 of 29. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection" shown on Sheet Nos. 6 thru 8 of 29, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	372+69.75	12.33	398.35	398.35
☉ North Abut.	372+71.00	12.33	398.36	398.36
A	372+81.00	12.33	398.40	398.42
B	372+91.00	12.33	398.43	398.46
C	373+01.00	12.33	398.46	398.49
D	373+11.00	12.33	398.49	398.50
☉ Brg. Pier 1	373+20.00	12.33	398.51	398.51
E	373+30.00	12.33	398.53	398.54
F	373+40.00	12.33	398.55	398.57
G	373+50.00	12.33	398.56	398.60
H	373+60.00	12.33	398.57	398.59
I	373+70.00	12.33	398.57	398.58
☉ Brg. Pier 2	373+80.00	12.33	398.56	398.56
J	373+90.00	12.33	398.55	398.56
K	374+00.00	12.33	398.54	398.57
L	374+10.00	12.33	398.52	398.56
M	374+20.00	12.33	398.50	398.52
☉ South Abut.	374+29.00	12.33	398.48	398.48
Bk. South Abut.	374+30.25	12.33	398.48	398.48

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. North Abut.	372+69.75	18.50	398.22	398.22
☉ North Abut.	372+71.00	18.50	398.23	398.23
A	372+81.00	18.50	398.27	398.29
B	372+91.00	18.50	398.30	398.34
C	373+01.00	18.50	398.34	398.36
D	373+11.00	18.50	398.36	398.37
☉ Brg. Pier 1	373+20.00	18.50	398.38	398.38
E	373+30.00	18.50	398.40	398.41
F	373+40.00	18.50	398.42	398.44
G	373+50.00	18.50	398.43	398.47
H	373+60.00	18.50	398.44	398.46
I	373+70.00	18.50	398.44	398.45
☉ Brg. Pier 2	373+80.00	18.50	398.43	398.43
J	373+90.00	18.50	398.43	398.44
K	374+00.00	18.50	398.41	398.44
L	374+10.00	18.50	398.40	398.43
M	374+20.00	18.50	398.37	398.39
☉ South Abut.	374+29.00	18.50	398.35	398.35
Bk. South Abut.	374+30.25	18.50	398.35	398.35

DESIGNED	RLM
CHECKED	AMS
DRAWN	PRC
CHECKED	RLM

09/25/09



TOP OF SLAB ELEVATIONS
SN 028-0078

SHEET NO. 8	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9481	12B1-1	FRANKLIN	304	134
29 SHEETS	SN 028-0078		CONTRACT NO. 98823		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					