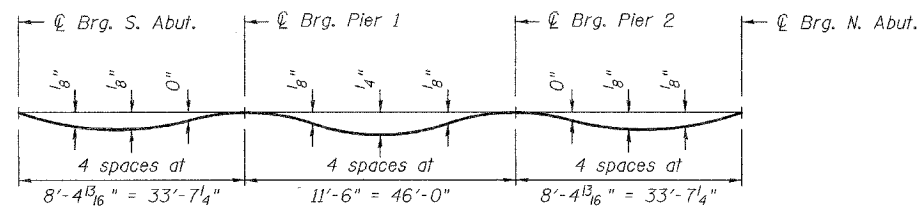


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 9 28 SHEETS
F.A.P. 304	5BR-2	CALHOUN	48	33	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract #76948

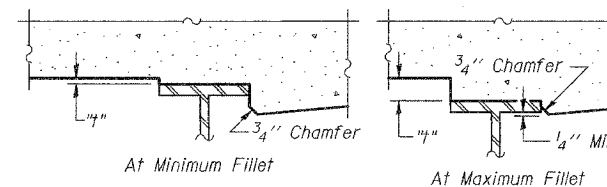


DEAD LOAD DEFLECTION DIAGRAM

(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. 7 thru 9 of 28.



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. 6 of 28. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheet Nos. 7 thru 9 of 28, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. South Abut.	467+05.55	9.13	437.22	437.22
☉ South Abut.	467+06.95	9.17	437.22	437.22
A	467+16.99	9.40	437.24	437.25
B	467+27.03	9.58	437.26	437.27
☉ Brg. Pier No. 1	467+40.71	9.75	437.28	437.28
C	467+50.76	9.82	437.29	437.30
D	467+60.80	9.83	437.30	437.32
E	467+70.85	9.80	437.31	437.32
F	467+80.90	9.72	437.31	437.32
☉ Brg. Pier No. 2	467+86.93	9.64	437.31	437.31
G	467+96.98	9.48	437.31	437.31
H	468+07.02	9.27	437.31	437.31
☉ North Abut.	468+20.68	8.90	437.30	437.30
Bk. North Abut.	468+22.08	8.86	437.29	437.29

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. South Abut.	467+08.42	15.37	436.87	436.87
☉ South Abut.	467+09.82	15.41	436.87	436.87
A	467+19.89	15.63	436.89	436.90
B	467+29.97	15.79	436.91	436.91
☉ Brg. Pier No. 1	467+43.68	15.94	436.93	436.93
C	467+53.76	15.99	436.94	436.95
D	467+63.84	15.99	436.95	436.96
E	467+73.92	15.95	436.95	436.97
F	467+84.00	15.85	436.95	436.96
☉ Brg. Pier No. 2	467+90.05	15.76	436.95	436.95
G	468+00.12	15.59	436.95	436.95
H	468+10.20	15.36	436.95	436.95
☉ North Abut.	468+23.90	14.97	436.94	436.94
Bk. North Abut.	468+25.30	14.93	436.93	436.93

DESIGNED	YSS
CHECKED	RLM
DRAWN	PRC
CHECKED	RLM



02/27/08

TOP OF SLAB ELEVATIONS
IL. ROUTE 100 OVER
CRAWFORD CREEK
F.A.P. ROUTE 304 - SECTION 5BR-2
CALHOUN COUNTY
STATION 467+59.00
STRUCTURE NO. 007-0027