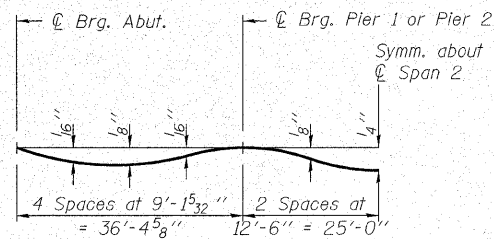


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

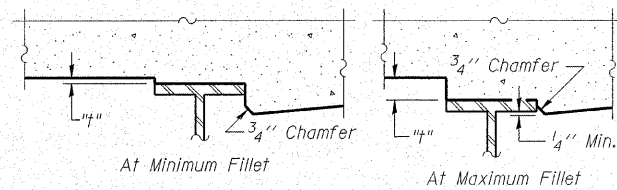
ROUTE NO. F.A.P. 776	SECTION (116BR -1)B-1	COUNTY HAMILTON	TOTAL SHEETS 140	SHEET NO. 27	SHEET NO. 8 25 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT			

Contract #78006



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 5 to 8.



To determine "h": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on Sheets 5 to 8. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 5 to 8, minus slab thickness, equals the fillet heights "h" above top flange of beams.

FILLET HEIGHTS

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	516+05.77	14.896	373.175	373.175
C Brg. N. Abut.	516+07.14	14.896	373.181	373.181
A	516+17.14	14.896	373.225	373.232
B	516+27.14	14.896	373.262	373.269
C	516+37.14	14.896	373.292	373.294
C Brg. Pier 1	516+43.52	14.896	373.308	373.308
D	516+53.52	14.896	373.326	373.337
E	516+63.52	14.896	373.338	373.358
F	516+73.52	14.896	373.342	373.362
G	516+83.52	14.896	373.340	373.351
C Brg. Pier 2	516+93.52	14.896	373.330	373.330
H	517+03.52	14.896	373.314	373.317
I	517+13.52	14.896	373.290	373.298
J	517+23.52	14.896	373.260	373.265
C Brg. S. Abut.	517+29.91	14.896	373.237	373.237
Bk. S. Abut.	517+31.27	14.896	373.231	373.231

PLOT DATE : 10/26/2007 FILE NAME = 0330051-78006-41021b-1dgs0050.dgn

<p>HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS</p> <p>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 646-3400</p> <p>ELGIN • SPRINGFIELD</p>	<p>TOP OF SLAB ELEVATIONS IL ROUTE 142 OVER CONTRARY CREEK F.A.P. ROUTE 776 - SECTION (116BR-1)B-1 HAMILTON COUNTY STRUCTURE NO. 033-0050 / STATION 516+75</p>	
	<p>PROJECT NUMBER: 12-41-0021-i</p> <p>DESIGNED: P.L.</p>	<p>DATE: 10/25/07</p> <p>CHECKED: S.W.M.</p>