

DEAD LOAD DEFLECTION DIAGRAM (BEAMS 1 THRU 17)

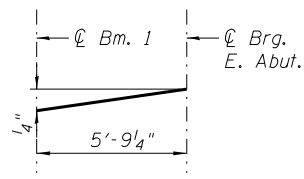
(Includes weight of concrete only.)

Note:

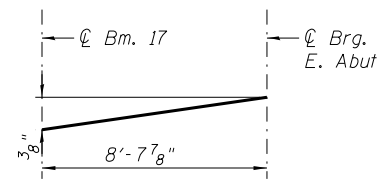
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on Sheets 11-14 of 62.

BEAM DEAD LOAD DEFLECTION TABLE

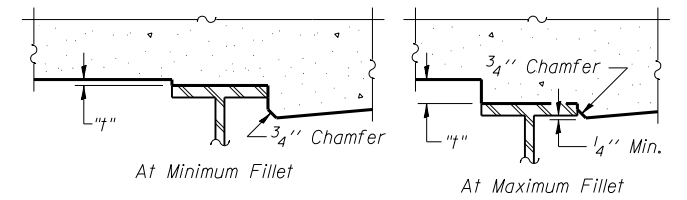
BEAM	A	B	C	D	E	F	G	H	I
② through ⑮	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	0	$\frac{1}{8}$	0	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{5}{8}$
①, ⑰ and ⑱	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{8}$	0	$\frac{1}{8}$	0	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{4}$



BEAM 1a

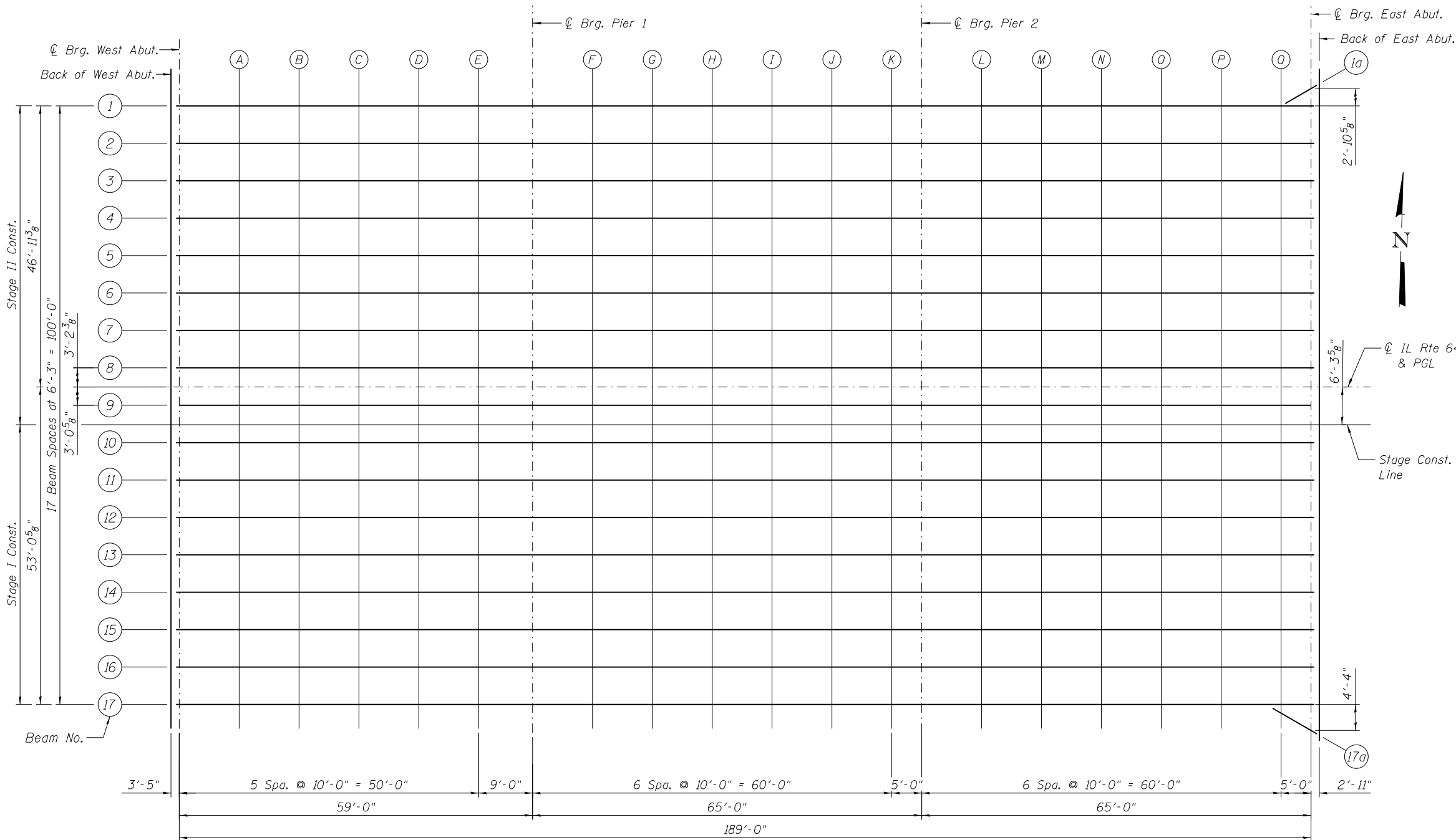


BEAM 17a

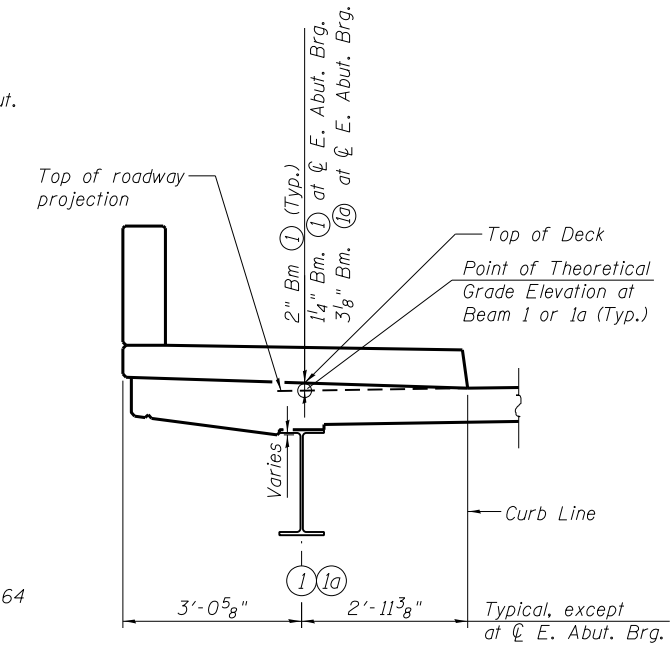


To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on Sheets 11-14 of 62, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN



SECTION AT NORTH SIDEWALK

FILE NAME = W:\191-130-1001-IL64-CADD-Sheets\Structure\1160111-11-07_TopSlab.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME =	DESIGNED - JJI	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE =	DRAWN - GM	REVISED
PLOT DATE = 8/15/2013	CHECKED - JMT	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS I
STRUCTURE NO. 016-3035**

SHEET NO. 10 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	541Y-3-B	COOK	143	71
CONTRACT NO. 60J11				

ILLINOIS FED. AID PROJECT