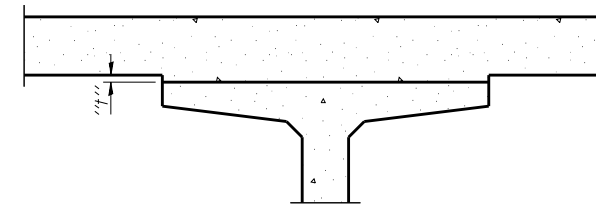


DEAD LOAD DEFLECTION DIAGRAM

(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 and grinding as shown on Sheets 6 thru 8 of 36.

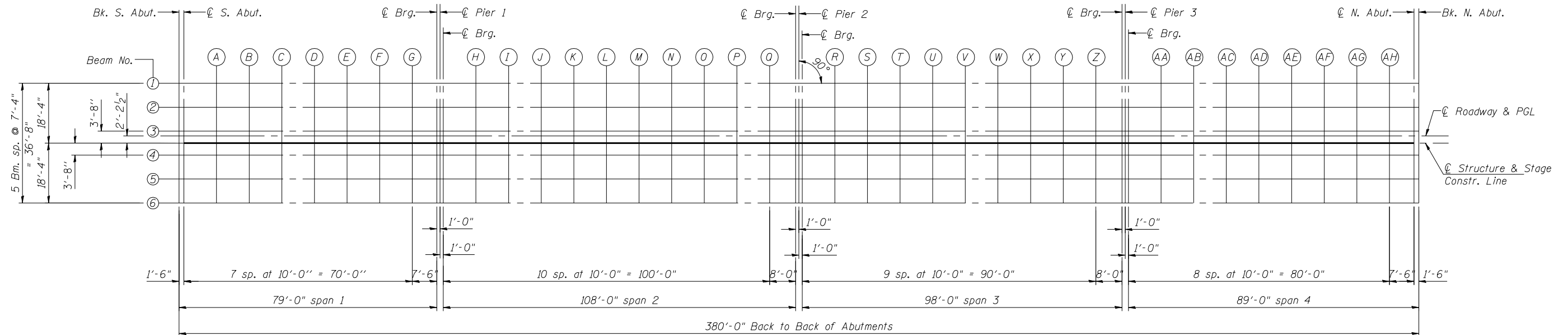
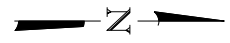


To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" show on Sheets 6 thru 8 of 36, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown on sheets 6 thru 8 of 36. For grinding the deck, see Special Provisions for Diamond Grinding and Surface Testing Bridge Sections.

The theoretical grade elevations for beam 6 were obtained by extending an imaginary line 8/4" above and parallel to the bottom of the slab to an imaginary point located at the centerline of beam 6.

FILLET HEIGHTS



PLAN

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 010-0287**

PLOT DATE = 9/24/2009
FILE NAME = ...top-slab-elev-1.dgn
FILE SIZE = 11286411 1 / IN.
USER NAME = JML

CB Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

PROJECT NO.	06027-3
SCALE	
DATE	9/24/09
DESIGN BY	
DRAWN BY	TFG
CHECKED BY	MCB

SHEET NO. 5
36 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(137BR)BR	CHAMPAIGN	75	25
SN 010-0287		CONTRACT NO. 70428		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				