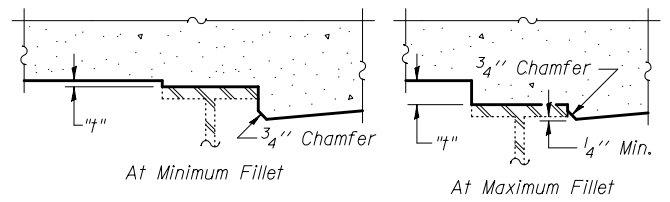


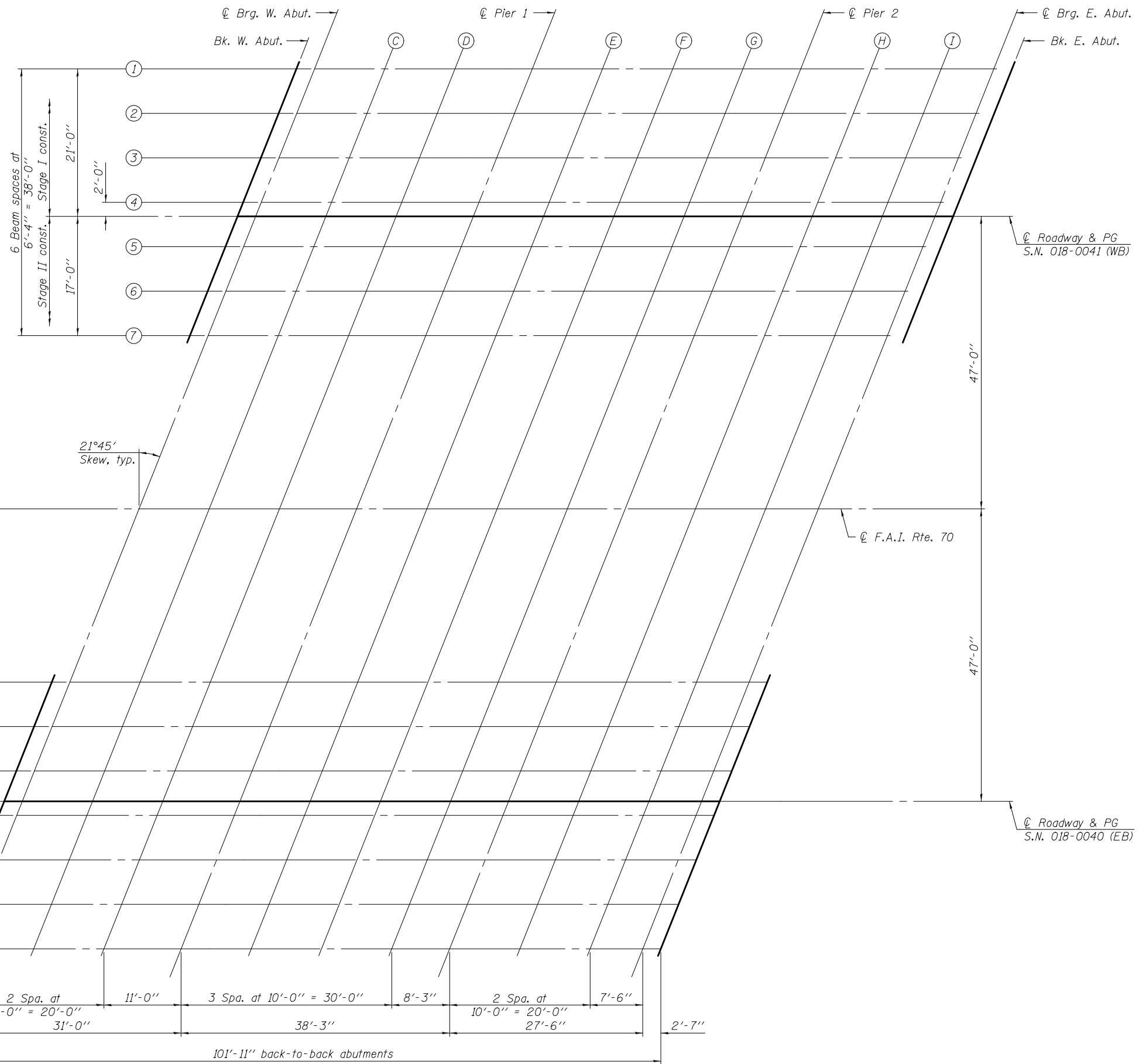
**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete only.)

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 9 of 36.



To determine "f": Elevations of the top flanges of the beams shall be taken at intervals shown at right. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown on sheets 6 thru 9 of 36, minus slab thickness, equals the fillet heights "f" above top flange 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 9 of 36. For grinding the deck, see Special Provisions.

**FILLET HEIGHTS**



**PLAN**

DESIGNED - FESSEHA TEKLEHAIMANOT	EXAMINED - <i>Joanne F. J. [Signature]</i>	DATE - SEPTEMBER 16, 2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TOP OF SLAB ELEVATIONS STRUCTURE NO. 018 - 0040 (EB) & 018 - 0041 (WB)		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - JOSUE ORTIZ-VARELA	PASSED - <i>Carl [Signature]</i>	REVISED					70	(18-45HB-1)BR	CUMBERLAND	43	12
DRAWN - MICHAEL B. MOSSMAN	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	SHEET NO. 5 OF 36 SHEETS		CONTRACT NO. 74187		ILLINOIS FED. AID PROJECT				
CHECKED - F.T. / J.O.V. / G.R.A.											