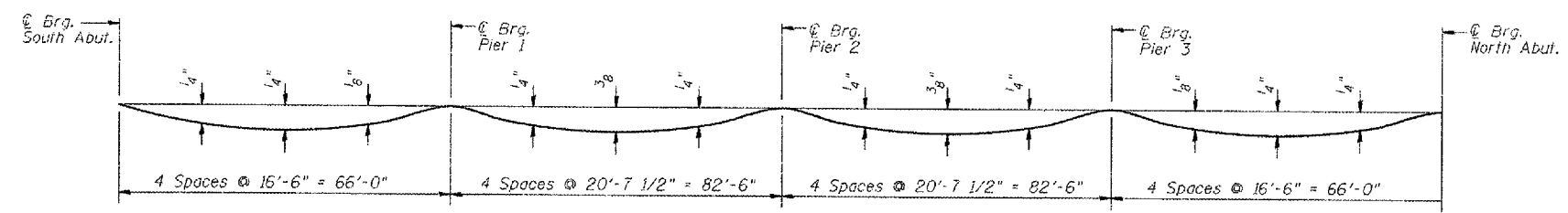
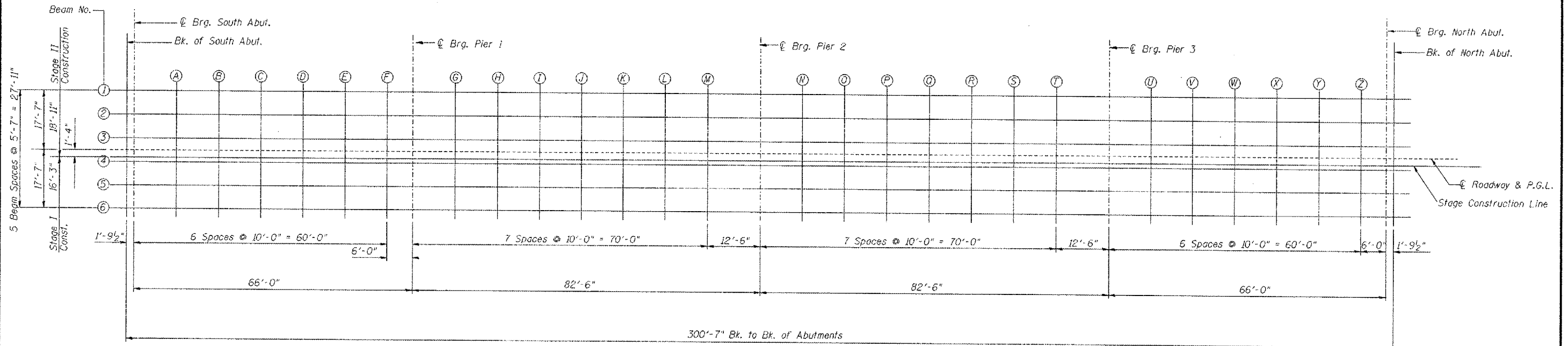
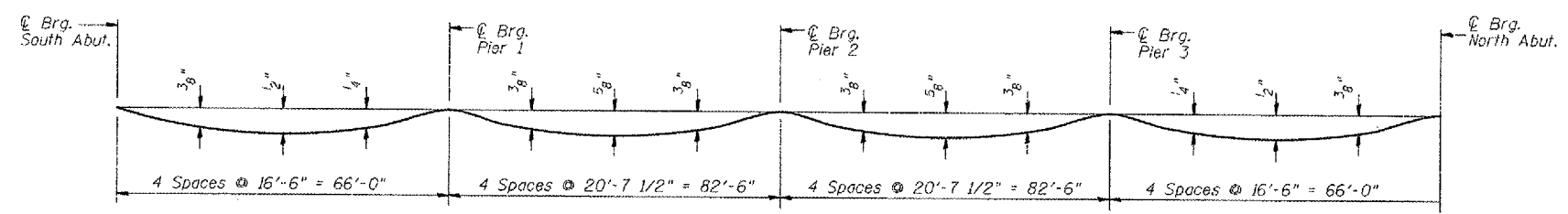


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	DATE
220		Mercer	50	20
F.A.S. 220		SHEETS 23		
* (23-BR) I				



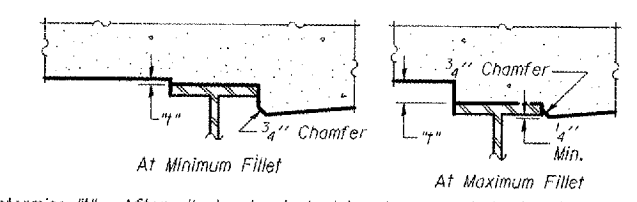
**BEAMS 1 & 6**



**BEAMS 2-5**

**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 9 and 10 of 22.



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheets 9 and 10 of 22. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "f" above top flange of beams.

**FILLET HEIGHTS**

TOP OF SLAB ELEVATIONS  
F.A.S. ROUTE 220 (IL ROUTE 94)  
OVER EDWARDS RIVER  
SECTION (23-BR) I  
MERCER COUNTY  
STRUCTURE NO. 066-0008  
STATION 104+73.75

DESIGNED	K.E. Brandau
CHECKED	R.T. Mumm
DRAWN	L.A. Rolf
CHECKED	K.E. Brandau
E-S	4-30-97

**FRAUENHOFFER & ASSOCIATES, P.C.**