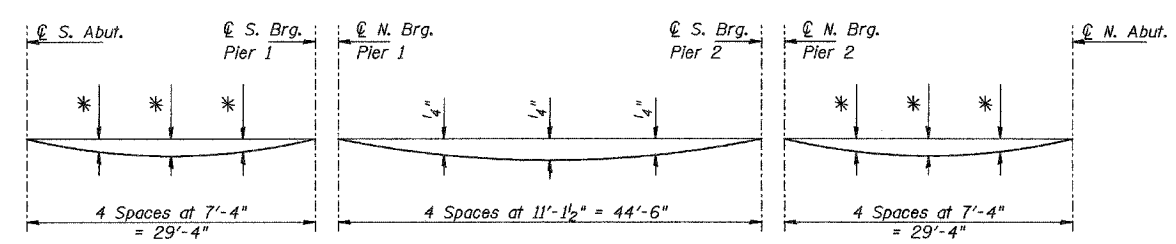
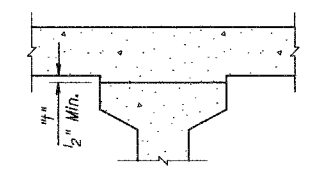


PLAN



DEAD LOAD DEFLECTION DIAGRAM  
(Includes weight of concrete, excluding beams).

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 Sheet No. S5.  
\* Less than 1/8".



To determine "h": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown on Sheet No. S5, minus slab thickness, equals the fillet heights "h" above top flanges of beams.

FILLET HEIGHTS

Note:  
For Top of Slab Elevations see Sheet No. S5.

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DATE: 27-May-04 11:34

**COLLINS ENGINEERS**  
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(312) 704-9300  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
US ROUTE 52 (STATE STREET)  
OVER PRAIRIE CREEK  
FAP RTE. 852 SEC. 18B-5-R  
WILL COUNTY  
STA. 1008+00.00 STRUCTURE NO. 099-4643  
TOP OF SLAB ELEVATIONS-I  
DRAWN BY: KAC  
CHECKED BY: JMH/DGS  
DATE: OCTOBER, 2004