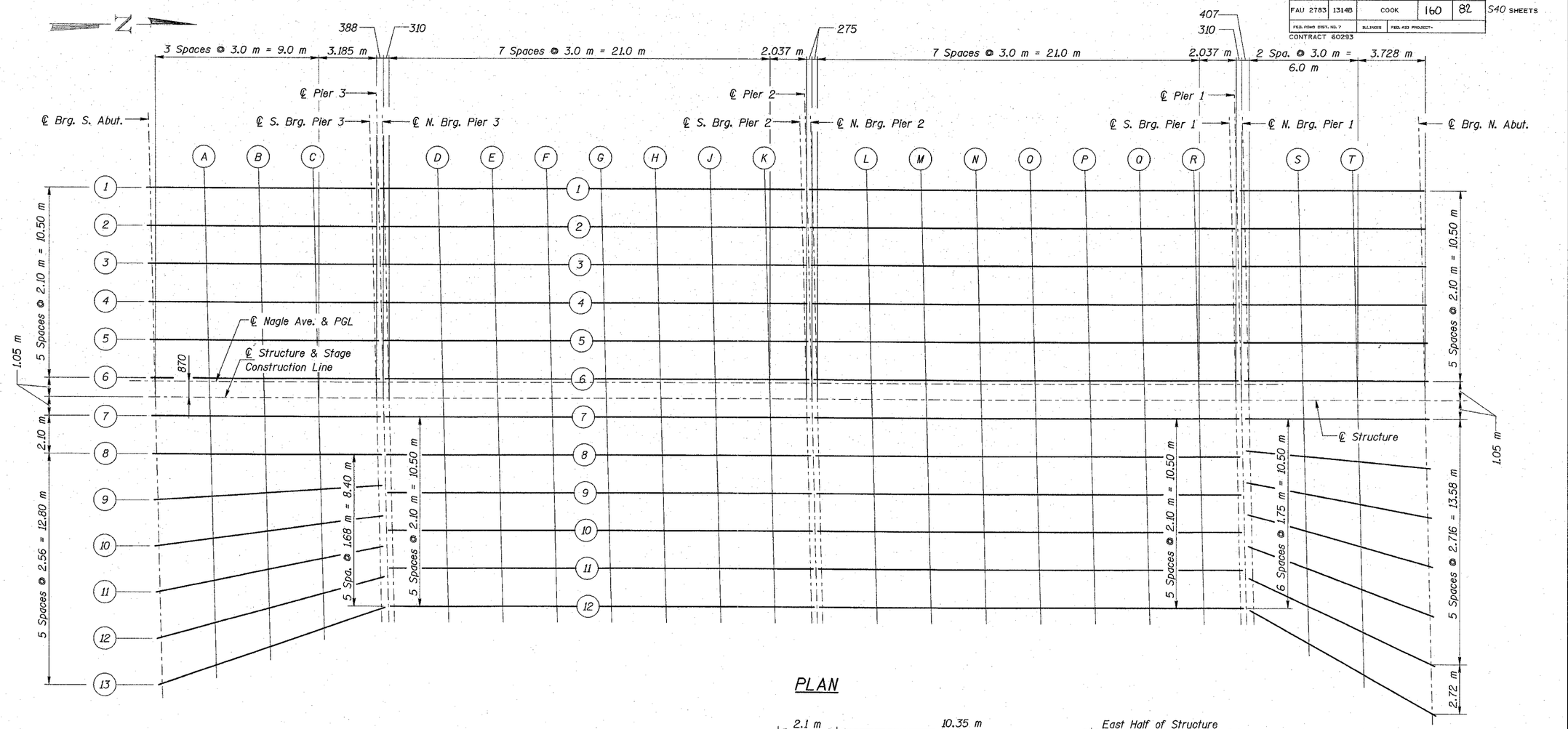
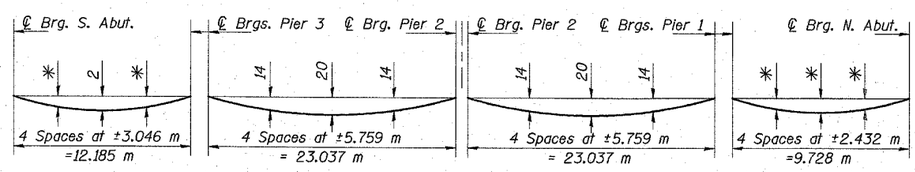
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2783	1314B	COOK	160	82
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S4
S40 SHEETS

CONTRACT 60293



PLAN

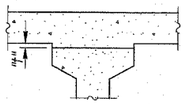


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

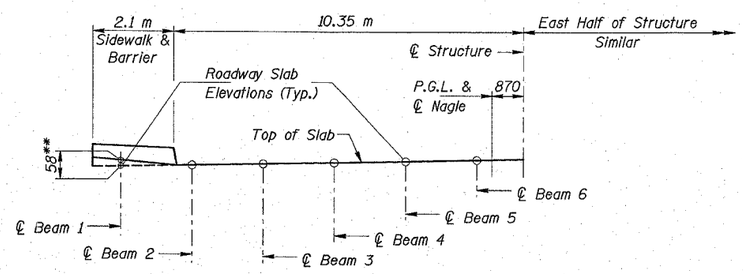
✱ Less than 2mm

Note: The above deflections are not to be used in the field if the engineer is working from the theoretical grade elevations adjusted for dead load deflections as shown on Sheets S5, S6 and S7. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.



To determine "4": 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" minus slab thickness, equals the fillet heights "4" above top flanges of beams.

FILLET HEIGHTS



DECK SECTION AT SIDEWALK

(For Spans 2 & 3. Roadway slab elevations similarly determined under sidewalk in Spans 1 and 4)
** Offset is for Beam 1 Spans 1 thru 4 and Beam 12 Spans 2 & 3.

COLLINS ENGINEERS INC
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90 (I-90)
AT NAGLE AVENUE
F.A.U. RTE. 2783 SEC 1314B
COOK COUNTY STATION 0+998.813
STRUCTURE NO. 016-0708

TOP OF SLAB ELEVATIONS-I

DRAWN BY KAC
CHECKED BY LDB/DGS
DATE: DEC. 2004

27240103