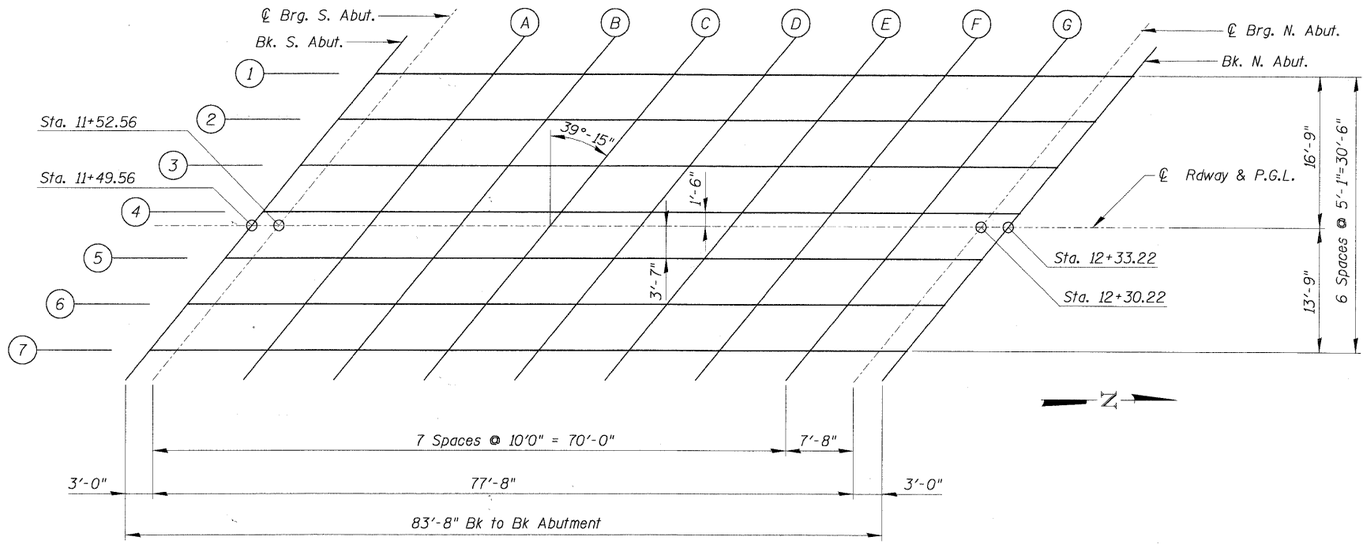
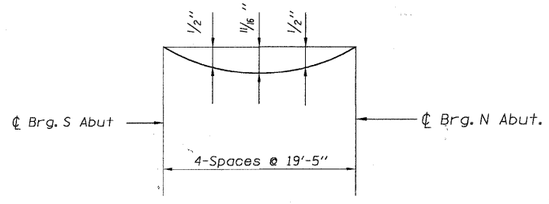
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN



DEAD LOAD DEFLECTION DIAGRAM

(Includes Weight of Concrete Deck And All Superimposed Dead Load Except Future Wearing Surfaces)

NOTE:

1. The deflections given above are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflection as shown on Sheet S-4.
2. Offsets Are Positive East Of The Profile Gradeline.

DESIGNED -	
CHECKED -	
DRAWN -	
CHECKED -	

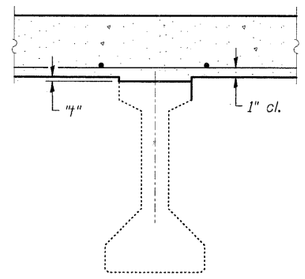
- 200

EXAMINED

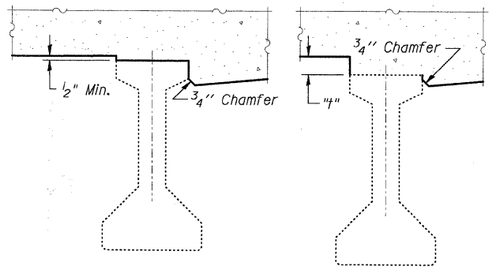
ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES



INTERIOR BEAMS



At Minimum Fillet At Maximum Fillet

EXTERIOR BEAMS

METHOD OF DETERMINING FILLET HEIGHTS "t"

To determine "t": After the existing deck has been removed and prior to placing the proposed deck, elevations of the top flanges of the beams shall be taken at the intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection"shown on Drawing No. S-4 minus slab thickness, equals the fillet heights "t" above top flange of beams.

(Sheet 1 of 2)

TOP OF DECK ELEVATIONS
IL RTE 53 W. FRONTAGE ROAD
OVER SALT CREEK
F.A.U. ROUTE 2592
SEC. 04-00091-00-BR
COOK COUNTY
STATION 11+91.39
STRUCTURE NO. 016-1122

SHEET NO.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S-3 SHEETS	2592	04-00091-00-BR	COOK	50	27
			CONTRACT NO. 63471		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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