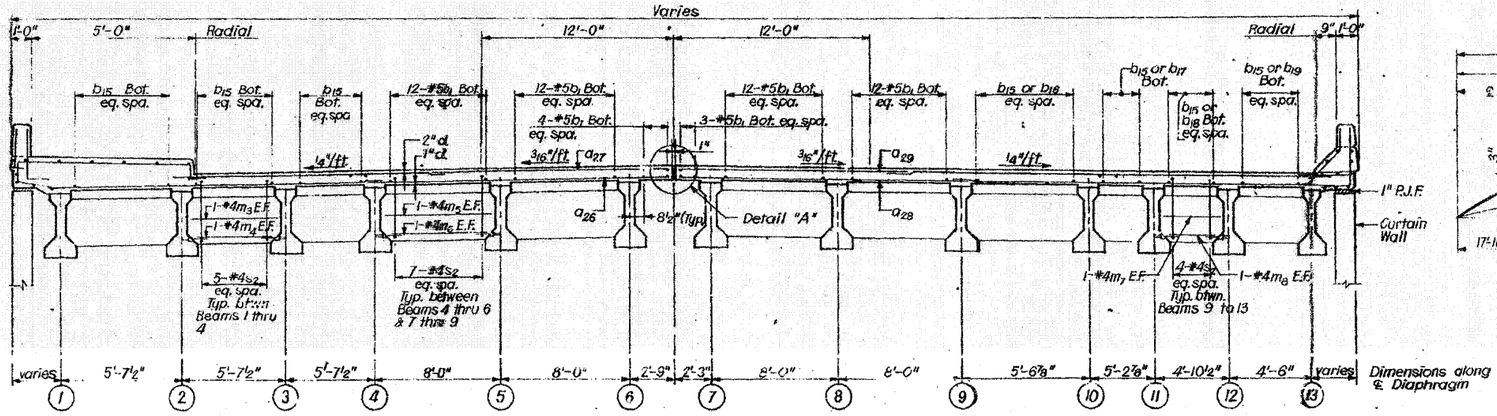
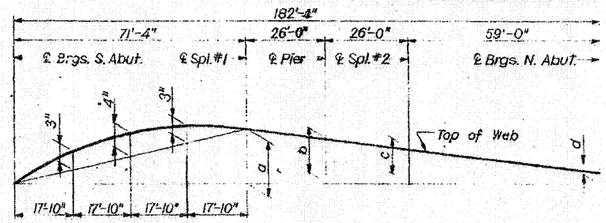
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-64	82 - IHB	ST. CLAIR	110	62
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



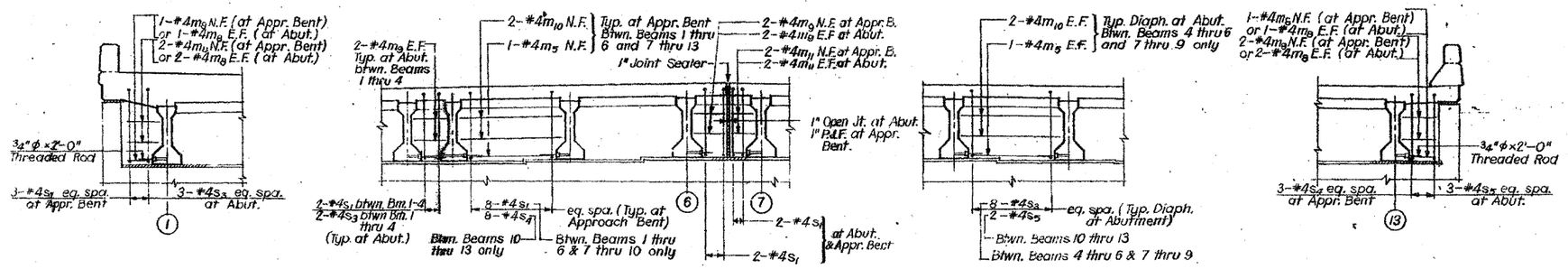
CROSS SECTION
at Interior Diaphragms
(Span 4 shown)



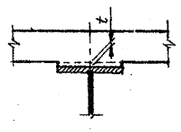
CAMBER DIAGRAM

TABLE OF DIMENSIONS a, b, c & d

Dimen. \ Beam No.	1	2	3	4	5	6	7	8
a	11 1/16"	10 3/16"	9"	8 1/2"	7 11/16"	7 3/16"	6 3/4"	5 3/4"
b	9 3/8"	8 1/4"	7 1/16"	6 7/8"	6"	5 3/8"	4 9/16"	3 15/16"
c	8 3/8"	6 7/8"	5 7/8"	5 3/16"	4 5/16"	3 5/8"	2 3/4"	2 3/16"
d	4 9/16"	3 13/16"	3 1/8"	2 3/8"	1 11/16"	1 1/16"	3/8"	-1/4"

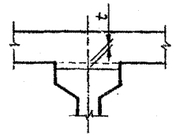


DETAIL "A"



FILLET HEIGHTS - GIRDER SPANS

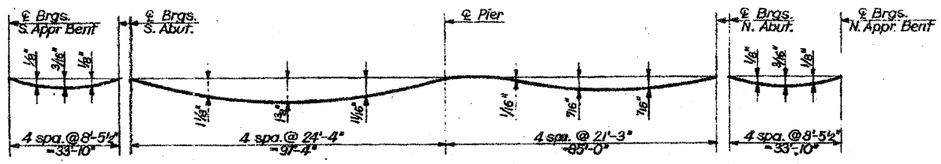
To determine "t": After all structural steel has been erected elevations of the top flanges of the girders shall be taken at intervals shown on Sheet No.8 These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown on Sht No.8 minus Slab thickness equals the fillet heights "t" above top of Girders.



FILLET HEIGHTS - APPR. SPANS

To determine "t": After all precast prestressed beams have been erected elevations of the top flanges of the beams shall be taken at intervals shown on Sht.8. These elevations subtracted algebraically from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown minus slab thickness, equals the fillet heights "t". A positive value of "t" equals the fillet height above the top of the beam. A negative value of "t" not to exceed ½" equals the embedment of the beam above the theoretical bottom of slab elevation.

CROSS SECTION
at Appr. Bent & at Abut.



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 Sht. #8

DESIGNED BY ... H.N.
DRAWN BY ... B.B.
CHECKED BY ... V.B.

STATE OF ILLINOIS
DIVISION OF HIGHWAYS
SUPERSTRUCTURE DETAILS
F. A. ROUTE 12 (9TH STREET)
OVER F.A.I. ROUTE 64
STATION 55+62.20
E.A.I. RT. 64 ST. CLAIR COUNTY SECTION 82-IHB

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 5 OF 18

FILE NAME = D8Tr1-082-0326-sht-pln05.dgn	USER NAME = moronik	DESIGNED		REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLAN - 9TH STREET
		DRAWN	PP	REVISED	-		
	PLOT SCALE = 480.000 ' / ft.	CHECKED	AB	REVISED	-		
	PLOT DATE = MAR. 31, 2011	DATE	03/31/2011	REVISED	-		

SCALE: NONE | SHEET NO. 5 OF 19 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	266
•	9166/9180/9213/9214	CONTRACT NO. 76C51		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		