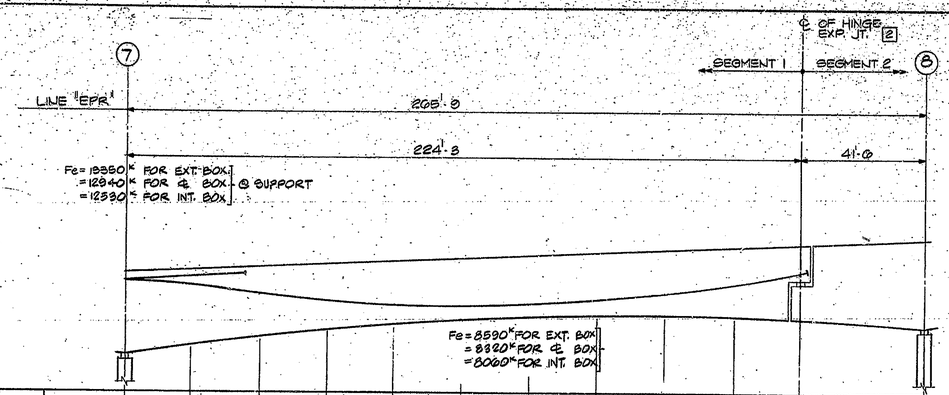
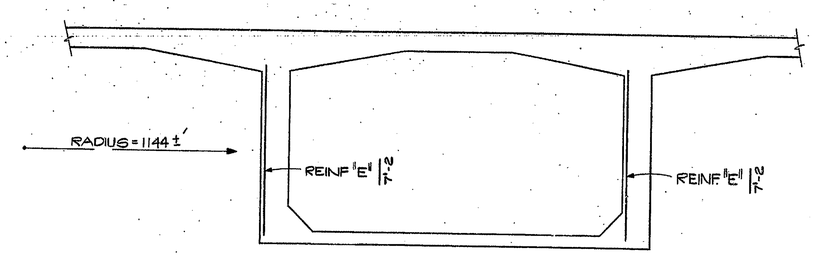


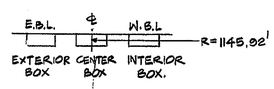
DEFLECTION OR CAMBER	D.L. & PRES.(IN)						↓0.5					
	CREEP(IN)						↓1.0					
LOCATION		0 PIER	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	1 & EXP. JT.
C.G.S. MEASURED FROM BOT. FLANGE (FT.)	E.B.L. & W.B.L.	12.55	10.08	6.88	4.38	2.64	1.51	1.17	1.45	2.83	4.12	7.81
C.G.S. MEASURED FROM TOP FLANGE (FT.)	E.B.L. & W.B.L.	1.25	3.39	4.35	5.82	6.97	7.64	7.87	7.68	7.05	5.89	4.50
WEB REINFORCEMENT E.B.L. & W.B.L. (SEE DWG. 810.)	REINF. "A" #5 BAR	@ 10"				@ 18"				@ 10"		
	REINF. "B" #6 BAR	@ 10"				@ 9"				@ 10"		
	REINF. "C" #5 BAR	@ 10"				@ 9"				@ 10"		
	REINF. "E" #5 BAR				@ 18"							



GIRDER SECTION
3/8" = 1'-0

NOTE:
1) 'E' BARS SHOWN FOR ALL WEBS (G) FOR SEGMENTS 1 & 2 AS INDICATED ON DWGS 810, 811 & 820.
2) LOCATE BAR BETWEEN 'A' BARS ON WEB FACE WHICH IS ON INSIDE OF RADIUS.

NOTE :

1. 

2. Fe INDICATED ARE FOR ONE SINGLE CELL. BOX. (TWO WEBS)
3. MINIMUM CONSTRUCTION CAMBER SHALL BE EQUAL TO THE SUM OF D.L. PRESTRESSING FORCE AND CREEP DEFLECTION, THE SYMBOL ↓ INDICATES DOWNWARD DEFLECTION, THEREFORE CAMBER DIRECTION IS UP ↑.

APPROVED FOR CONSTRUCTION
W. R. Abbott 6-15-81
ASSISTANT

NO.	REVISION	DATE
1	ADD "E" BAR	MAY 4 81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS

T. Y. LIN REGISTERED No. 16866 STATE OF INDIANA PROFESSIONAL ENGINEER

WALSH CONSTRUCTION COMPANY
A DIVISION OF GUY F. ATKINSON CO.
DARIEN, CONNECTICUT

SHEET TITLE
CABLE PROFILE FORCES AND WEB REINFORCEMENT SEGMENT 1

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-43-2546 CONTRACT NO. 8-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
811