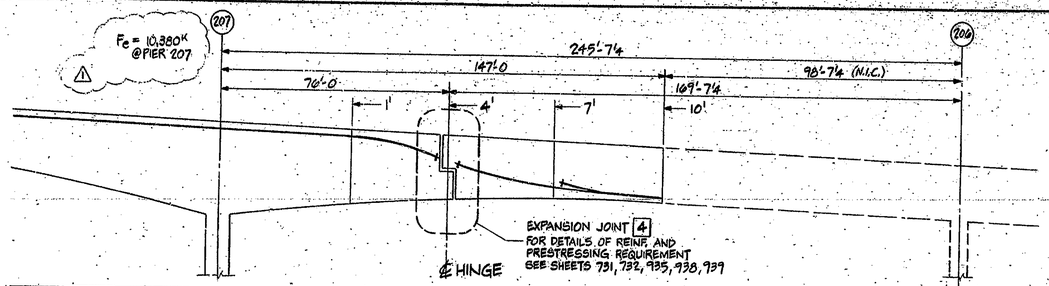

DEFLECTION OR CAMBER	D.L. & PRES. (IN.)					0.33 ↓	0.04 ↓	0.23 ↑	0.46 ↑	0.72 ↑						
	CREEP (IN.)															
LOCATION		0.25L	0.40L	0.50L	0.75L		0.10L	0.20L	0.30L	0.40L	0.50L	0.60L	0.70L	0.80L	0.90L	
C.G.S. MEASURED FROM BOT. FLG. (FT.)	W.B.L.	2.47	11.42	11.42	10.38	2.82 (SEE 935) 4.77 (SEE 939)	6.12	9.03	2.18	0.58	0.50					
C.G.S MEASURED FROM TOP FLG. (FT.)	W.B.L.	0.125	0.125	0.125	1.30		3.69	6.41	7.71	9.44						
WEB REINFORCEMENT	REINF. "A"	#5 @ 10"				#5 @ 15"		#5 @ 15"								
	REINF. "B"	#6 @ 10"						#6 @ 15"								
	REINF. "C"	#5 @ 10"						#5 @ 15"								
	REINF. "D"	(NOT USED)														

END OF CONTRACT
RAMP "A" STA. 1+15.79

NOTES:

1. REF. SHEET 531 FOR PLACEMENT OF WEB REINF. "A", "B" AND "C" BARS.
2. REF. SHEET 430 FOR DEPTH OF GIRDER AND BOTTOM SLAB THICKNESS.
3. PLACEMENT OF DUCTS FROM HINGE TO PIER 206 SHALL BE IN ACCORDANCE WITH THE C.G.S. NOTED ON THIS SHEET AND THE ASSOCIATED DRAWINGS OF THE ADJACENT CONTRACT. CARE SHOULD BE TAKEN TO ENSURE A SMOOTH TRANSITION OF PRESTRESSING TENDONS AT THIS LOCATION.
4. MINIMUM CONSTRUCTION CAMBER SHALL BE EQUAL TO THE SUM OF THE D.L. AND PRESTRESSING AND CREEP DEFLECTION. THE SYMBOL ↓ INDICATES DOWNWARD DEFLECTION, THEREFORE, CAMBER DIRECTION IS UP.

APPROVED FOR CONSTRUCTION

W. B. ABBOTT
Assistant Engineer of Bridge Design 10-26-81

No.	REVISION	DATE
1	EFFECTIVE FORCE	OCT. '81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. LIN REGISTERED PROFESSIONAL ENGINEER INDIANA

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

SHEET TITLE

CABLE PROFILE, FORCES AND WEB REINF. - W.B.L. RAMP "A"

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. B-11812 INDIANA STATE HIGHWAY COMMISSION

SHEET N.
834