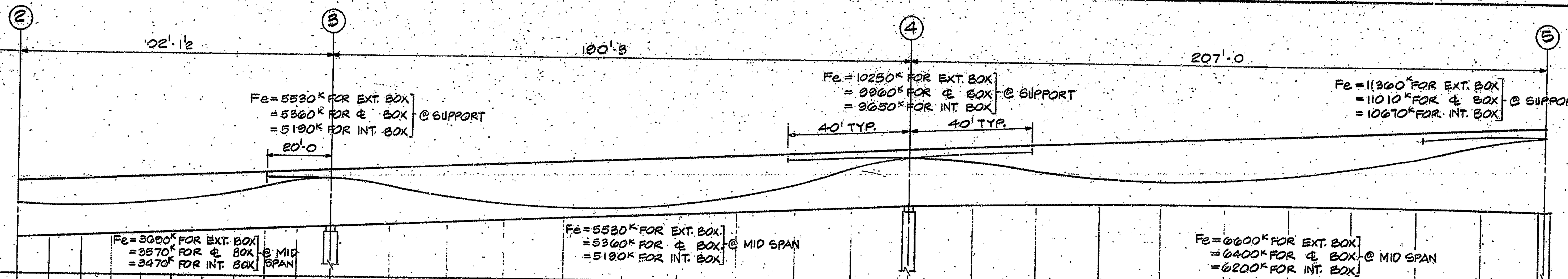
LINE "EPR"



Span ② – ③

LOCATION	¢ OF PIER	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	¢ PIER
DEFLECTION OR CAMBER – D.L.&PRES.(IN.)						0.0					
DEFLECTION OR CAMBER – CREEP (IN.)						0.5↓					
C.G.S. MEASURED FROM BOT. FLANGE (FT.) E.B.L. & W.B.L.	5.47	4.46	3.74	3.30	3.14	3.27	3.68	4.38	3.30	0.62	7.75
C.G.S. MEASURED FROM TOP FLANGE (FT.) E.B.L. & W.B.L.	3.53	4.54	3.20	5.70	5.86	5.73	5.32	4.62	3.64	2.38	1.25

Span ③ – ④

LOCATION	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	¢ PIER
DEFLECTION OR CAMBER – D.L.&PRES.(IN.)					↓0.3					
DEFLECTION OR CAMBER – CREEP (IN.)					↓0.6					
C.G.S. MEASURED FROM BOT. FLANGE (FT.) E.B.L. & W.B.L.	6.18	3.99	2.42	1.48	1.17	1.48	2.42	3.99	6.18	7.75
C.G.S. MEASURED FROM TOP FLANGE (FT.) E.B.L. & W.B.L.	2.82	5.01	6.58	7.52	7.83	7.52	6.58	5.01	2.82	1.25

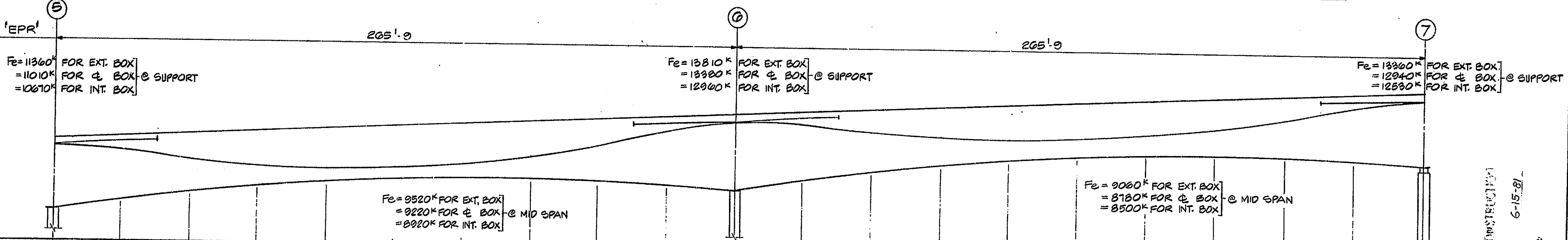
Span ④ – ⑤

LOCATION	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	¢ PIER
DEFLECTION OR CAMBER – D.L.&PRES.(IN.)					↓0.5					
DEFLECTION OR CAMBER – CREEP (IN.)					↓1.0					
C.G.S. MEASURED FROM BOT. FLANGE (FT.) E.B.L. & W.B.L.	6.66	4.84	3.54	2.76	2.66	3.34	4.71	5.86	9.77	12.01
C.G.S. MEASURED FROM TOP FLANGE (FT.) E.B.L. & W.B.L.	2.34	4.10	5.46	6.24	6.50	6.24	5.46	4.16	2.34	1.25

WEB REINFORCEMENT E.B.L. & W.B.L. (SEE DWG. 511), ② to ⑤ (spacings in order from left to right)

REINF. "A" #5 BAR	@ 10"	@ 18"	@ 10"	@ 9"	@ 18"	@ 10"	@ 10"	@ 18"	@ 10"
REINF. "B" #6 BAR	@ 10"	@ 9"	@ 10"	@ 9"	@ 10"	@ 10"	@ 9"	@ 10"	
REINF. "C" #5 BAR	@ 10"	@ 9"	@ 10"	@ 9"	@ 10"	@ 10"	@ 9"	@ 10"	
REINF. "E" #5 BAR	@ 18"	@ 18'	@ 18"						

LINE 'EPR'



Span ⑤ – ⑥

LOCATION	¢ PIER	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	¢ PIER
DEFLECTION OR CAMBER – D.L.&PRES.(IN.)						↓1.0					
DEFLECTION OR CAMBER – CREEP (IN.)						↓2.0					
C.G.S. MEASURED FROM BOT. FLANGE (FT.) E.B.L. & W.B.L.	12.01	8.95	5.50	3.09	1.61	1.20	1.85	3.51	6.19	9.88	13.14
C.G.S. MEASURED FROM TOP FLANGE (FT.) E.B.L. & W.B.L.	1.25	2.82	5.01	6.58	7.52	7.83	7.52	6.58	5.01	2.82	1.25

Span ⑥ – ⑦

LOCATION	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	¢ PIER
DEFLECTION OR CAMBER – D.L.&PRES.(IN.)					↓1.0					
DEFLECTION OR CAMBER – CREEP (IN.)					↓2.0					
C.G.S. MEASURED FROM BOT. FLANGE (FT.) E.B.L. & W.B.L.	10.30	1.04	4.63	3.13	2.53	2.99	4.38	6.68	9.88	12.55
C.G.S. MEASURED FROM TOP FLANGE (FT.) E.B.L. & W.B.L.	2.34	4.10	5.46	6.24	6.50	6.24	5.46	4.16	2.34	1.25

WEB REINFORCEMENT E.B.L. & W.B.L. (SEE DWG. 511), ⑤ to ⑦ (spacings in order from left to right)

REINF. "A" #5 BAR	@ 10"	@ 18"	@ 10"	@ 10"	@ 18"	@ 10"
REINF. "B" #6 BAR	@ 10"	@ 9"	@ 10"	@ 10"	@ 9"	@ 10"
REINF. "C" #5 BAR	@ 10"	@ 9"	@ 10"	@ 10"	@ 9"	@ 10"
REINF. "E" #5 BAR	@ 18'	@ 18'	@ 18"			

NOTE: SEE DWG 811 △ FOR LOCATING "E" BAR.

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

APPROVED FOR CONSTRUCTION 6-15-81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

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

SHEET TITLE
CABLE PROFILE FORCES AND WEB REINFORCEMENT SEGMENT I

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. B-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
810