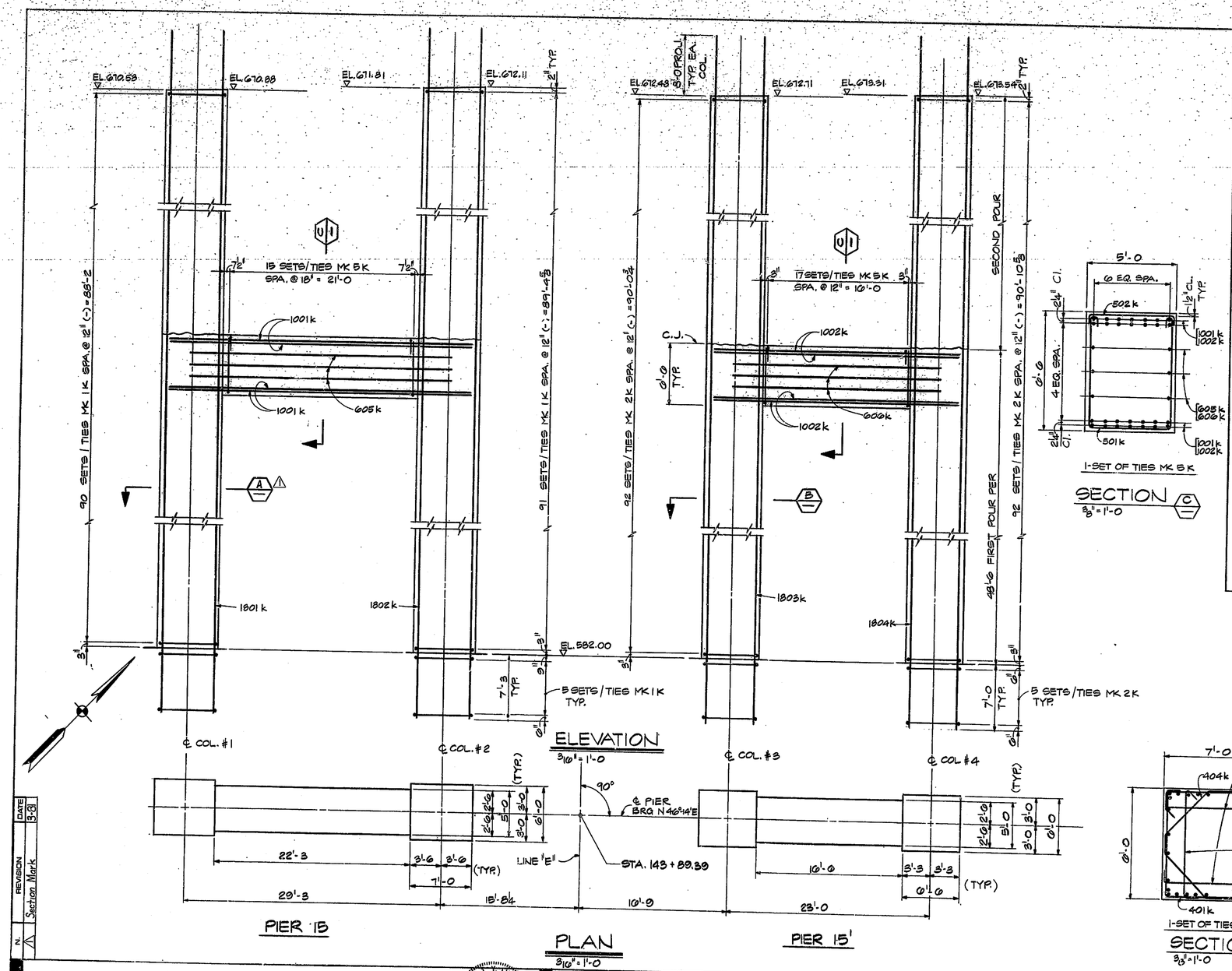

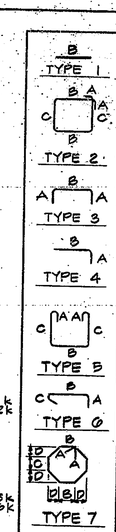

MARK No.	TYPE	No REQD	A	B	C	D	E	LGTH	WEIGHT LBS.
PIER No. 15									
401k	2	191	0-8	6'-9	5'-9			26-4	
402k	6	388	0-8	5'-9	0-8			7-1	
403k	6	388	0-8	6'-9	0-8			8'-1	
404k	7	191	0-8	2'-1	1'-1	2'-4		20'-10	
TOTAL #4									9,880
501k	5	18	0-7	4'-9	6'-3			18'-5	
502k	3	18	0-9	4'-9				6'-3	
TOTAL #5									380
605k	1	6		29'-3				29'-3	204
1001k	1	28		35'-9				35'-9	4,307
1801k	1	32		103'-10				103'-10	
1802k	1	32		103'-1				103'-1	
TOTAL #18									20,922
TOTAL REINF.									105,708
CONC f'c = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									304.8C.Y.
PIER No. 15'									
405k	2	194	0-8	6'-3	5'-9			25'-4	
406k	6	388	0-8	5'-9	0'-8			7'-1	
407k	6	388	0-8	6'-3	0'-8			7'-7	
408k	7	194	0-8	1'-9	1'-1	2'-4		19'-10	
TOTAL #4									9,050
501k	5	17	0-7	4'-9	6'-3			18'-5	
502k	3	17	0-9	4'-9				6'-3	
TOTAL #5									438
606k	1	6		23'-0				23'-0	207
1002k	1	28		29'-0				29'-0	3,494
1803k	1	32		105'-0				105'-0	
1804k	1	32		106'-4				106'-4	
TOTAL #18									22,193
TOTAL REINF.									
CONC. f'c = 5000 P.S.I.									105,888
TOTAL PIER CONCRETE VOLUME									282.8C.Y.

N.	REVISION	DATE
1	Section Mark	3-8

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. Lin

T. Y. LIN REGISTERED No. 18266 STATE OF INDIANA PROFESSIONAL ENGINEER

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

ISSUED FOR APPROVAL
8-4-70

SHEET TITLE

PIER No. 15 E.B.L. AND W.B.L. COLUMN DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. B-11912
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
311