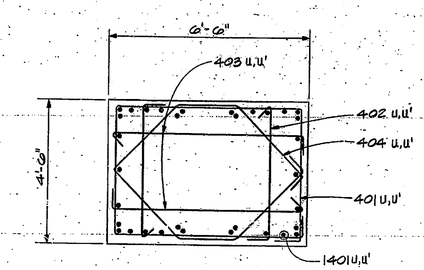
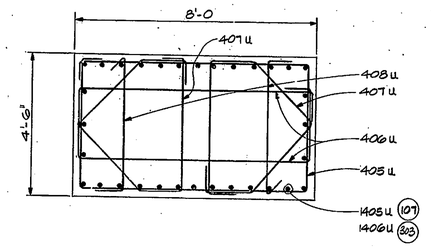
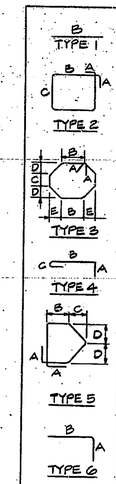


SECTION A
1/2"=1'-0"



SECTION B
1/2"=1'-0"



MARK NO.	TYPE	NO REQ'D	A	B	C	D	E	LGTH	WEIGHT LBS.
PIER No. 28 & 28'									
401 u,u'	2	142	0'-8	6'-3	4'-3			22'-4	
402 u,u'	4	284	0'-8	4'-3	0'-8			5'-7	
403 u,u'	4	284	0'-8	6'-3	0'-8			7'-7	
404 u,u'	2	142	0'-8	2'-1	2'-1	2'-1		17'-6	
								TOTAL # 4	6276
1401 u	6	34	2'-7	46'-4				48'-11	
1402 u	6	34	2'-7	45'-4				47'-11	
1403 u'	6	34	2'-7	48'-2				50'-9	
1404 u'	6	34	2'-7	45'-9				48'-4	
								TOTAL # 14	50,940
TOTAL REINF.									57,216
CONC. f_c' = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									138.1 C.Y.
PIER No. 107									
405 u	2	35	0'-8	4'-3	7'-9			25'-4	
406 u	2	35	0'-8	4'-3	2'-1			14'-0	
407 u	5	70	0'-8	1'-4	1'-11	2'-1		13'-10	
408 u	4	70	0'-8	4'-3	0'-8			5'-7	
								TOTAL # 4	1828
1405 u	6	32	2'-7	48'-10				51'-5	
								TOTAL # 14	12,582
TOTAL REINF.									14,410
CONC. f_c' = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									46.0 C.Y.
PIER No. 303									
405 u	2	35	0'-8	4'-3	7'-9			25'-4	
406 u	2	35	0'-8	4'-3	2'-1			14'-0	
407 u	5	70	0'-8	1'-4	1'-11	2'-1		13'-10	
408 u	4	70	0'-8	4'-3	0'-8			5'-7	
								TOTAL # 4	1828
1406 u	6	34	2'-7	45'-9				48'-1"	
								TOTAL # 14	12,563
TOTAL REINF.									14,391
CONC. f_c' = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									45.0 C.Y.

N.	REVISION	DATE

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

SHEET TITLE
PIER No. 107, 303 AND 28 E.B.L. AND W.B.L. COLUMN DETAILS (II)

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. 8-11812 INDIANA STATE HIGHWAY COMMISSION

SHEET N.
327