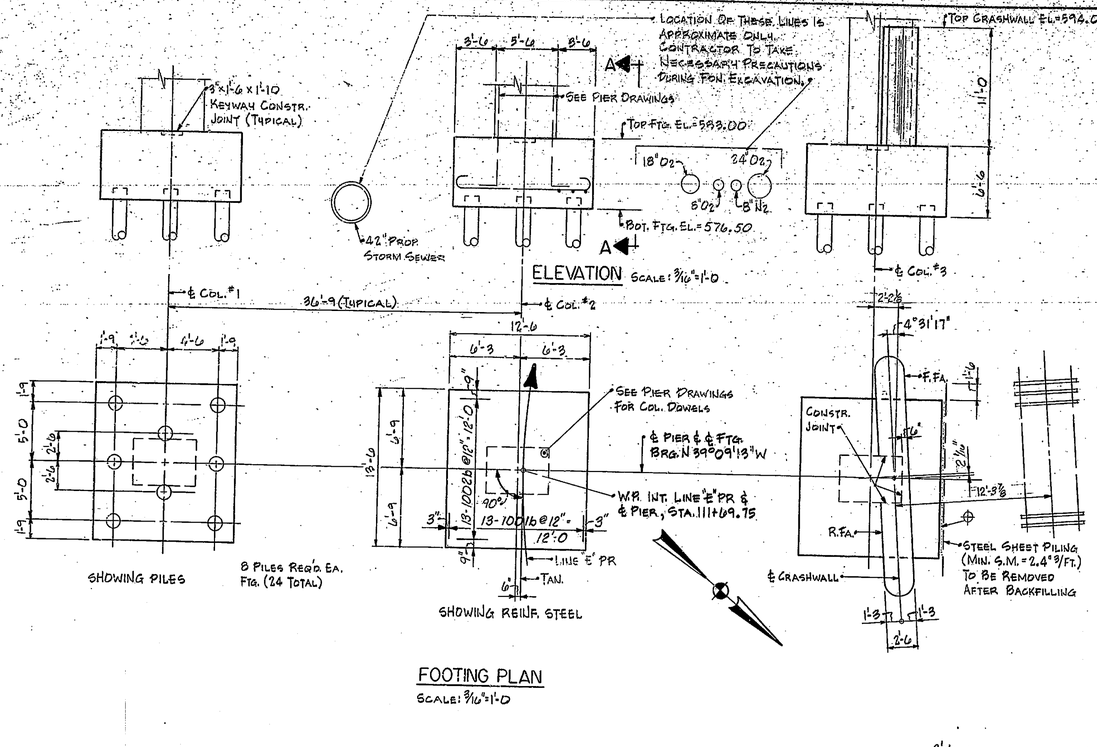

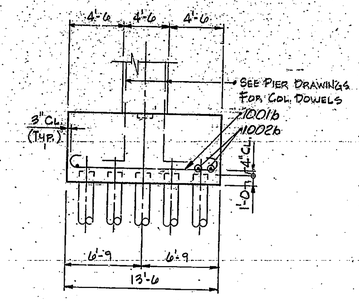

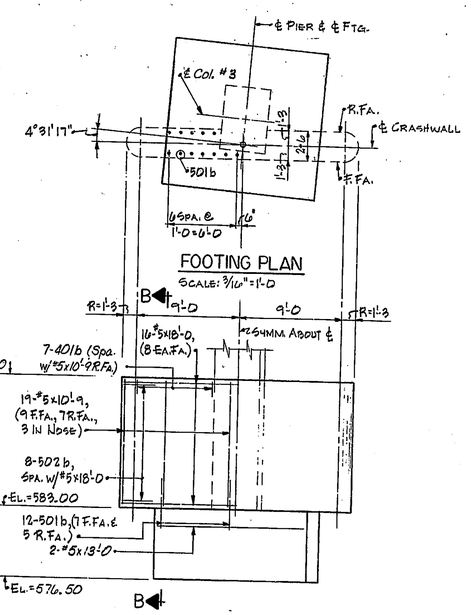

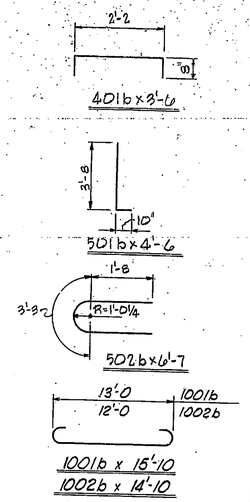

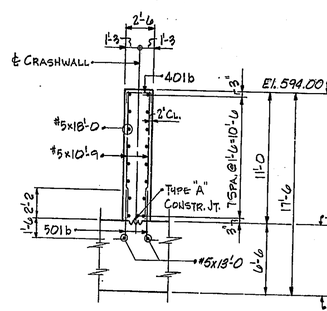

CRASHWALL DETAILS

BILL OF MATERIALS

REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS)
1001b	39	15'-10	
1002b	39	14'-10	
	TOTAL #10		5146
501b	28	4'-6	
502b	16	6'-7	
#5	16	18'-0	
#5	2	13'-0	
#5	38	10'-9	
	TOTAL #5		976
401b	14	3'-6	
	TOTAL #4		33
TOTAL REINF. STEEL			6155
CONCRETE (f'c=4000 psi)			
CRASHWALL @ COL #3			17.3 CYS.
⊕ FTG. CONC. @ 40.6			122.6 CYS.
MISCELLANEOUS			
24 HIGH CAPACITY PILES			
@ 107 LFT. (APPROX.)			2568 LFT.

NOTES:

FOR TYPE 'A' CONSTR. JT., SEE BRIDGE STD. C3.
FOR REINFORCING BAR NOTES, SEE BRIDGE STD. C1.
⊕ INCLUDES 0.8 CYS. ADDITIONAL CONCRETE BETWEEN SHEET PILING AND FOOTING AT COL. Nº 3.
FOR ADDITIONAL FOOTING, SHEET PILING, & HIGH CAPACITY PILE NOTES & DETAILS, SEE SHEET 201.

NO.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

JULY 26, 1979

HERMAN B. WAGNER REGISTERED No. 13050 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE
PIER Nº 3 FOOTING & CRASHWALL DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. B-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N. 202 OF