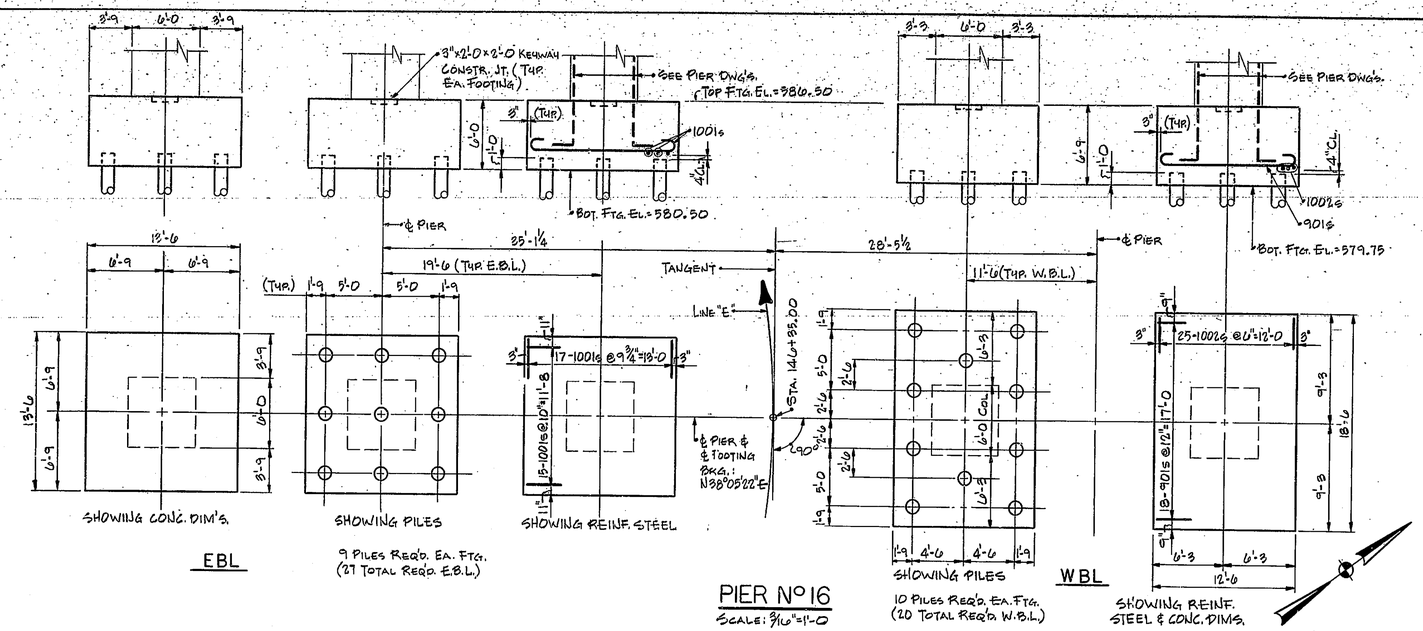
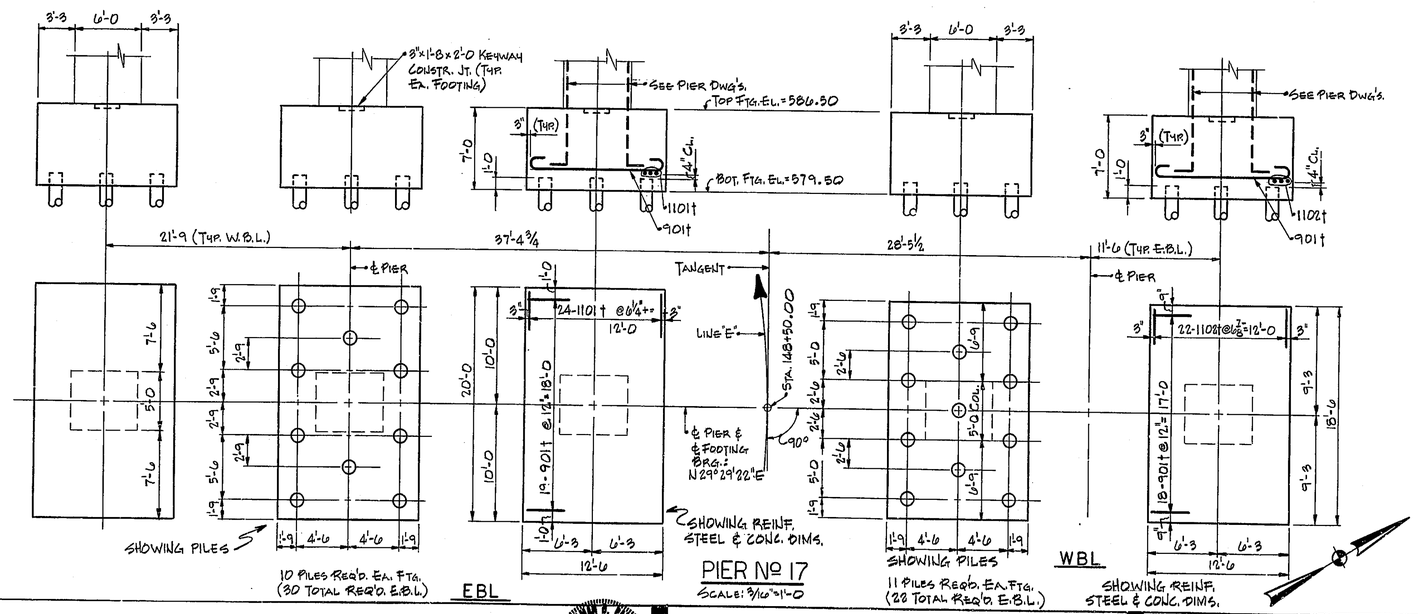


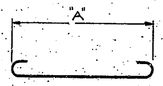
PIER Nº 16

SCALE: 3/16"=1'-0



PIER Nº 17

SCALE: 3/16"=1'-0



MARK	"A"	LENGTH
901S	12'-0	14'-6
1001S	13'-0	15'-10
1002S	18'-0	20'-10
901F	12'-0	14'-6
1101F	19'-6	22'-8
1102F	18'-0	21'-2

BILLS OF MATERIALS

PIER Nº 16 E.B.L. & W.B.L.			
REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
901S	316	14'-6	
	TOTAL #9		4,775
1001S	96	15'-10	
1002S	50	20'-10	
	TOTAL #10		11,023
	TOTAL REINF.		12,798
CONCRETE (f'c=4000 P.S.I.)			C.Y.S.
FOOTINGS E.B.L., 3 @ 40.3 EA.=			121.3
FOOTINGS W.B.L., 2 @ 57.8 EA.=			115.6
TOTAL			237.1
MISCELLANEOUS			QTY.
27-HIGH CAPACITY PILES X 81 L/FT. EA. (APPROX) =			3807 L/FT.

PIER Nº 17 E.B.L. & W.B.L.			
REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
901F	93	14'-6	
	TOTAL #9		4,585
1101F	72	22'-8	
1102F	44	21'-2	
	TOTAL #11		13,619
	TOTAL REINF.		18,204
CONCRETE (f'c=4000 P.S.I.)			C.Y.S.
FOOTINGS E.B.L., 3 @ 64.8 EA.=			194.4
FOOTINGS W.B.L., 2 @ 60.0 EA.=			120.0
TOTAL =			314.4
MISCELLANEOUS			QTY.
52-HIGH CAPACITY PILES X 81 L/FT. EA. (APPROX.) =			4212 L/FT.

NOTES:

FOR REINFORCING BAR NOTES, SEE BRIDGE STD. C3.
FOR ADDITIONAL DETAILS, SEE SHEET 201.

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

SEPT. 12, 1979

REGISTERED No. 13050 STATE OF INDIANA

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

SHEET TITLE
PIERS Nº 16 & 17 EBL & WBL FOOTING DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 812-45-2546 CONTRACT NO. B-11812 INDIANA STATE HIGHWAY COMMISSION

SHEET N.
217