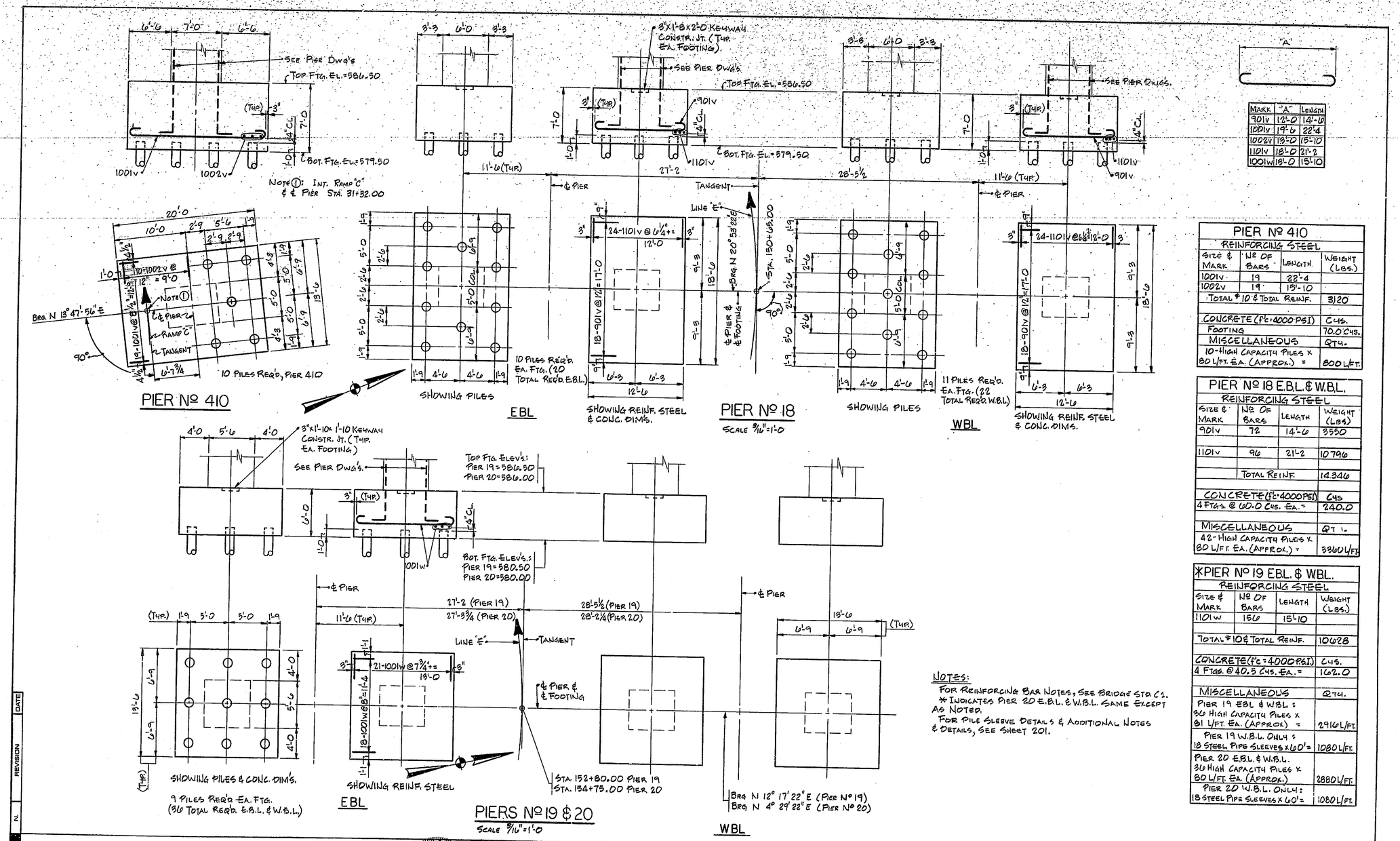

MARK	"A"	LENGTH
901V	12'-0	14'-0
1001V	19'-6	22'-4
1002V	13'-0	15'-10
1101V	18'-0	21'-2
1001W	18'-0	15'-10

PIER Nº 410 REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
1001V	19	22'-4	
1002V	19	15'-10	
TOTAL #10 & TOTAL REINF.			3120
CONCRETE (f'c=4000 PSI)			C.YS.
FOOTING			70.0 C.YS.
MISCELLANEOUS			QTY.
10-HIGH CAPACITY PILES X 80 L/FT. EA. (APPROX.) =			800 L/FT.

PIER Nº 18 E.B.L. & W.B.L. REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS)
901V	72	14'-0	3550
1101V	96	21'-2	10796
	TOTAL REINF.		14346
CONCRETE (f'c=4000 PSI)			C.YS
4 FTG'S. @ 60.0 C.YS. EA. =			240.0
MISCELLANEOUS			QT 1.
42-HIGH CAPACITY PILES X 80 L/FT. EA. (APPROX.) =			3360 L/FT.

*PIER Nº 19 E.B.L. & W.B.L. REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
1101W	150	15'-10	
TOTAL #10 & TOTAL REINF.			10628
CONCRETE (f'c=4000 PSI)			C.YS.
4 FTG'S. @ 40.5 C.YS. EA. =			162.0
MISCELLANEOUS			QTY.
PIER 19 EBL & WBL: 36 HIGH CAPACITY PILES X 81 L/FT. EA. (APPROX) =			2916 L/FT.
PIER 19 W.B.L. ONLY: 18 STEEL PIPE SLEEVES X 60'=			1080 L/FT.
PIER 20 E.B.L. & W.B.L. 36 HIGH CAPACITY PILES X 80 L/FT. EA. (APPROX.)			2880 L/FT.
PIER 20 W.B.L. ONLY: 18 STEEL PIPE SLEEVES X 60'=			1080 L/FT.

NOTES:

FOR REINFORCING BAR NOTES, SEE BRIDGE STD. C1.

* INDICATES PIER 20 E.B.L. & W.B.L. SAME EXCEPT AS NOTED.

FOR PILE SLEEVE DETAILS & ADDITIONAL NOTES & DETAILS, SEE SHEET 201.

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

SEPT. 12, 1979

DUANE R. CAVEL REGISTERED No. 13050 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE
PIERS Nº 18, 19, & 20 EBL & WBL & 410 FOOTING DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. 8-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
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