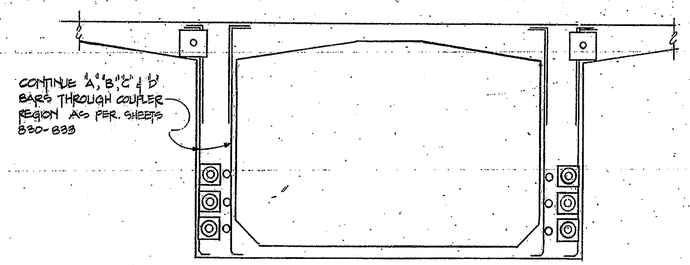
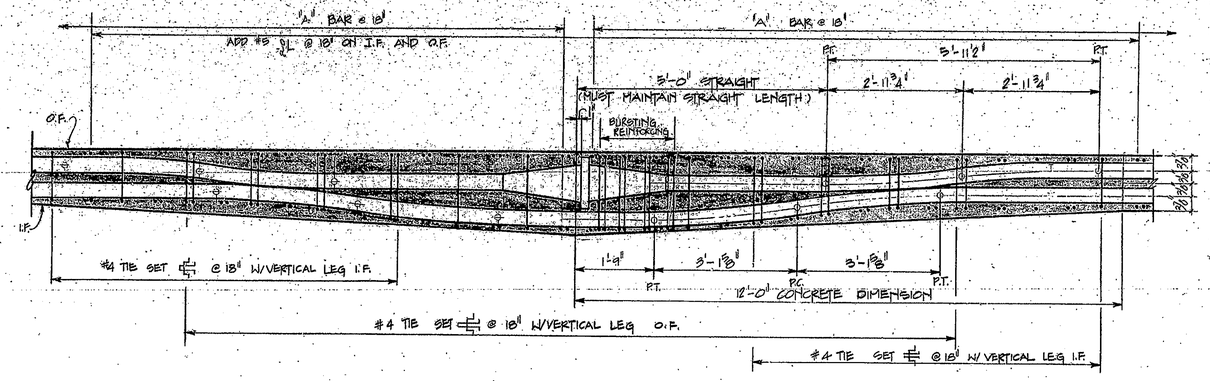
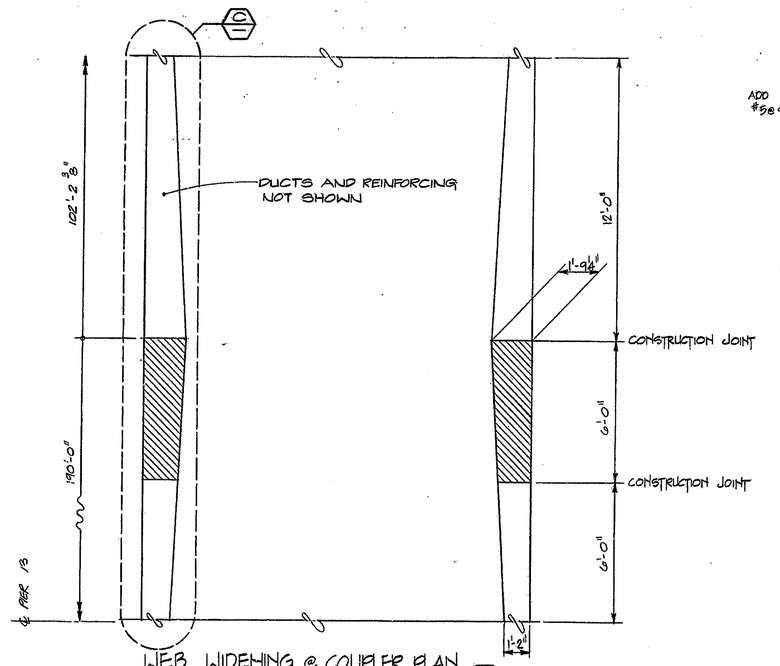


COUPLER SECTION NEAR PIER 12

3/8" = 1'-0"

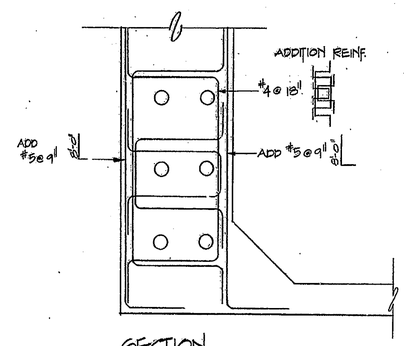


RADIAL FORCE REINFORCING



WEB WIDENING @ COUPLER PLAN

3/8" = 1'-0"



SECTION

1" = 1'-0"

NOTE:

1. DUCT CURVATURE AND LOCATION OF P.C.'S AND P.T.'S IS SYMMETRICAL ABOUT CONSTRUCTION JOINT.
2. TIE SETS AS INDICATED ARE NOT REQUIRED IN THE REGION REINFORCED BY BURSTING REINFORCING.
3. TIE SETS AND ADDED #5 BARS SHOWN ARE REQUIRED IN EACH WEB AT CONSTRUCTION JOINT.

COUPLER REINFORCING TABLE

LOCATION	NO. OF WEBS	COUPLER PER WEB	#4 TIE SET (1)	#4 BENDING REINFORCING (2)	#4 BURSTING REINFORCING (3)	REMARKS
EBL NEAR PIER 12	3	3	@18"	8'-0" 0'-10" I.F. & O.F. @ 18"	4 SETS @ 6'-0" C/C	PROVIDE #4 TIE SETS AS SHOWN ON
WBL NEAR PIER 15	3	4	@18"	8'-0" 0'-10" I.F. & O.F. @ 18"	4 SETS @ 6'-0" C/C	AS PER E.B.L. @ 12
EBL NEAR PIER 15	4	4		8'-0" 0'-10" I.F. & O.F. @ 18"	4 SETS @ 6'-0" C/C	AS PER E.B.L. @ 12
WBL NEAR PIER 12	4	3		2'-9" 8-#6 PER COUPLER	7-#5 PER COUPLER	DETAIL VARIED W/ COMBINED REINFORCING

APPROVED FOR CONSTRUCTION

W. B. ABBOTT
Assistant Engineer of Structures
10-26-81

N	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. LIN INTERNATIONAL — No. 18266 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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

SHEET TITLE

PRESTRESSING DETAILS - COUPLERS AT CONSTRUCTION JOINT

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

SHEET N.

936