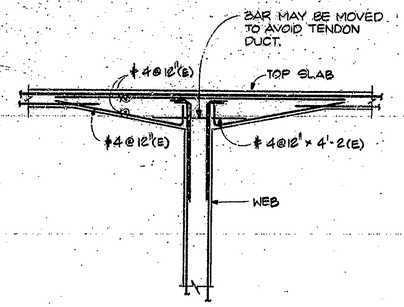
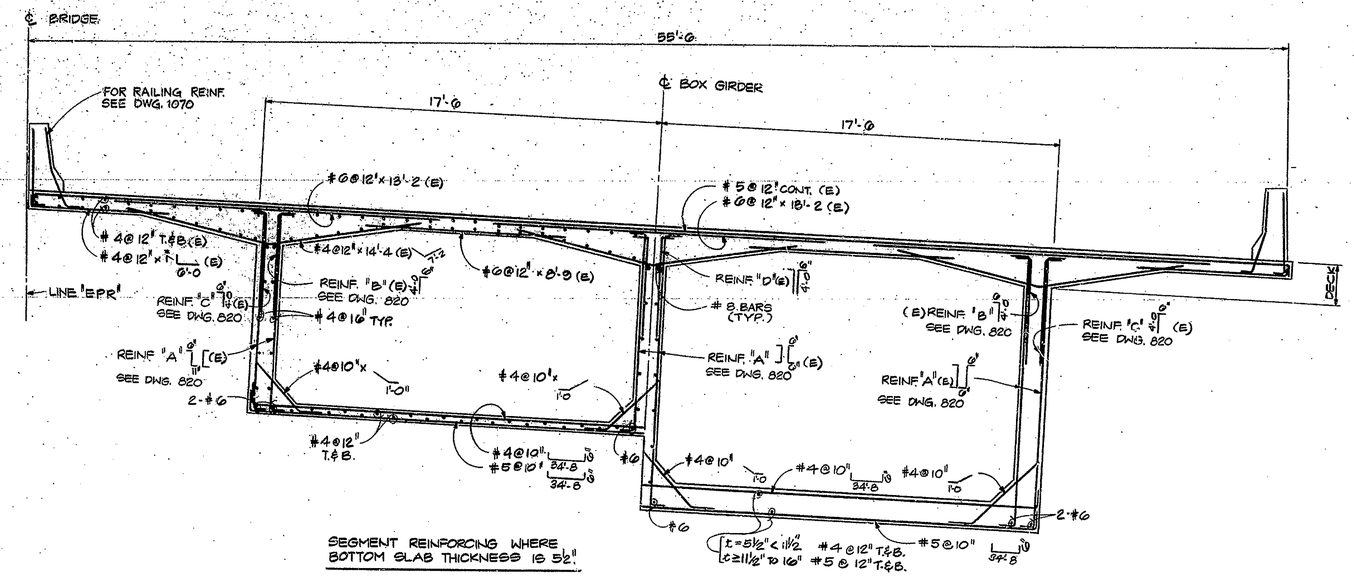


OPTIONAL REINF. ARRANGEMENT WHERE PRESTRESSING TENDONS INTERFERE WITH SLAB BOT. REINF. NEAR SUPPORTS.

DETAIL 1
3/8" = 1'-0

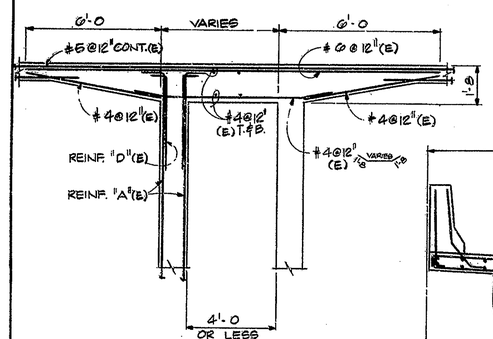


SEGMENT REINFORCING WHERE BOTTOM SLAB THICKNESS IS 5½".

SEGMENT REINFORCING WHERE BOTTOM SLAB THICKNESS EXCEEDS 5½".

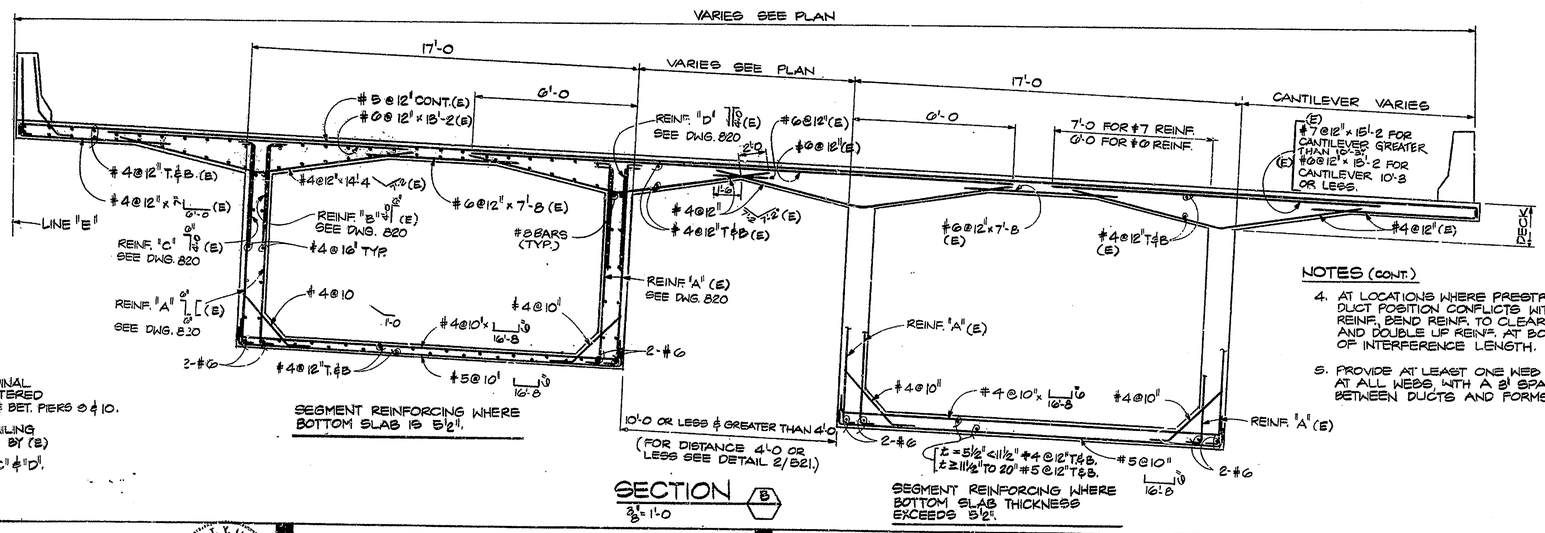
SECTION A
3/8" = 1'-0

[TYPICAL REINFORCEMENT FOR DOUBLE CELL BOX]



SEGMENT PARTIAL REINF. WHERE DISTANCE BETWEEN WEBS IS 4'-0 OR LESS.

DETAIL 2
3/8" = 1'-0



SEGMENT REINFORCING WHERE BOTTOM SLAB IS 5½".

SEGMENT REINFORCING WHERE BOTTOM SLAB THICKNESS EXCEEDS 5½".

SECTION B
3/8" = 1'-0

NOTES

1. ADD #4@12" x 100'-0 BOTTOM LONGITUDINAL REINFORCEMENT IN BOTTOM SLAB, CENTERED 121'-0 FROM PIER 11 TOWARDS PIER 12 & BET. PIERS 9 & 10.
2. ALL REINFORCEMENT IN DECK AND RAILING SHALL BE EPOXY COATED, AS INDICATED BY (E)
3. SEE DWG. 820 FOR WEB REINF. "A", "B", "C" & "D".

NOTES (CONT.)

4. AT LOCATIONS WHERE PRESTRESSING DUCT POSITION CONFLICTS WITH WEB REINF., BEND REINF. TO CLEAR DUCTS AND DOUBLE UP REINF. AT BOTH ENDS OF INTERFERENCE LENGTH.
5. PROVIDE AT LEAST ONE WEB FACE, AT ALL WEBS, WITH A 3" SPACE BETWEEN DUCTS AND FORMS.

NO.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. LIN REGISTERED STATE OF ILLINOIS No. 18266 PROFESSIONAL ENGINEER

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

SHEET TITLE
BOX CROSS SECTION REINFORCEMENT DETAILS - SEGMENT 2

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. 8-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
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