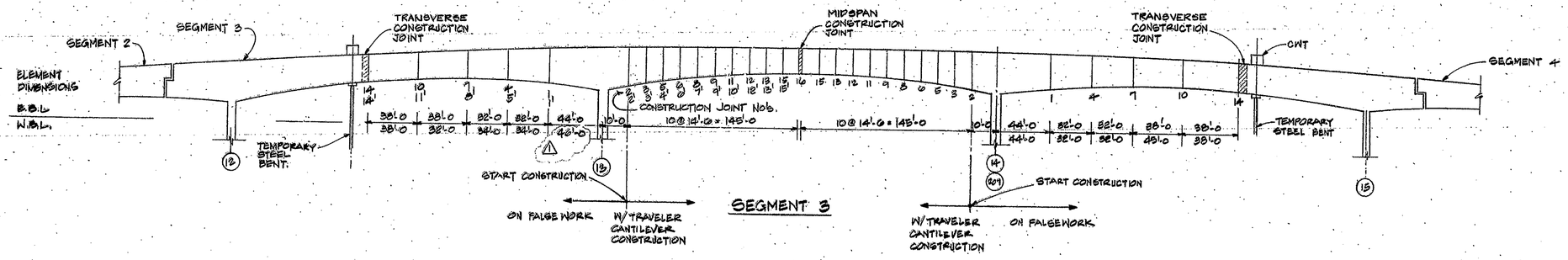

SEGMENT 3
EASTBOUND - PIER 13

STEPS

1. CAST CONCRETE ON FALSEWORK TO CONSTRICTION JOINT 1. BUILD CANTILEVER PORTION TO C.J. 2 AND STRESS TENDONS T9, T10, T25, T26. BUILD CANTILEVER TO C.J. 3 AND STRESS TENDONS T8, T. 12, T23 & T28.
2. CAST CONCRETE ON FALSEWORK TO C.J. 4. BUILD CANTILEVER TO C.J. 5 AND STRESS TENDONS T7, T11 T24 & T27. BUILD CANTILEVER TO C.J. 6 AND STRESS TENDONS T5, T14, & T22.
3. CAST CONCRETE ON FALSEWORK TO C.J. 7. BUILD CANTILEVER TO C.J. 8 AND STRESS TENDONS T6, T13 & T30. BUILD CANTILEVER TO C.J. 9 AND STRESS TENDONS T3, T16 & T21.
4. CAST CONCRETE ON FALSEWORK TO C.J. 10. BUILD CANTILEVER TO C.J. 11 AND STRESS TENDONS T4 & T29. BUILD CANTILEVER TO C.J. 12 AND STRESS TENDONS T15 & T20. BUILD CANTILEVER TO C.J. 13 AND STRESS TENDONS T2 & T32.
5. CAST CONCRETE ON FALSEWORK TO C.J. 14. BUILD CANTILEVER TO C.J. 15 AND STRESS TENDONS T17 & T19. BUILD CANTILEVER TO C.J. 16 AND STRESS TENDONS T1 & T31.
6. CLOSE TRANSVERSE CONSTRICTION JOINT 14 AND COUPLE AND STRESS CONTINUITY TENDONS T35, T38, T39, T43, T48 & T49. TEMPORARY STEEL BENT MAY BE REMOVED.

SEGMENT 3
WESTBOUND - PIER 13'

STEPS

1. CAST CONCRETE ON FALSEWORK TO CONSTRUCTION JOINT 1'. BUILD CANTILEVER PORTION TO C.J. 2' AND STRESS TENDONS T26, T18, T19, T31, T33, T49 & T43. BUILD CANTILEVER TO C.J. 3' AND STRESS TENDONS T5, T17, T20, T34, T39 & T40. BUILD CANTILEVER TO C.J. 4' AND STRESS TENDONS T8, T21, T29, T38, T45 & T49.
2. CAST CONCRETE ON FALSEWORK TO C.J. 5'. BUILD CANTILEVER TO C.J. 6 AND STRESS TENDONS T4, T16, T30, T51 & T43. BUILD CANTILEVER TO C.J 7' AND STRESS TENDONS T1, T20, T26, T44 & T52.
3. CAST CONCRETE ON FALSEWORK TO C.J. 8'. BUILD CANTILEVER TO C.J. 9' AND STRESS TENDONS T3, T15, T35, T41 & T54. BUILD CANTILEVER TO C.J. 10.' AND STRESS TENDONS T3, T32, T27 & T42.
4. CAST CONCRETE ON FALSEWORK TO C.J. 11.' BUILD CANTILEVER TO C.J. 12' AND STRESS TENDONS T1, T14, T33 & T53. BUILD CANTILEVER TO C.J. 13' AND STRESS TENDONS T10, T22, T26 & T40.
5. CAST CONCRETE ON FALSEWORK TO C.J. 14.' BUILD CANTILEVER TO C.J. 15' AND STRESS TENDONS T2, T13, T37, & T55. BUILD CANTILEVER TO C.J. 16' AND STRESS TENDONS T11, T24, T25 & T30.
6. CLOSE TRANSVERSE CONSTRUCTION JOINT 14' AND STRESS CONTINUITY TENDONS T59 TO T64, T69 TO 74, T79 TO T84 AND T89 TO T94. TEMPORARY STEEL BENT MAY BE REMOVED.

NOTE:

CAST CONCRETE IN TOP SLAB LONGITUDINAL JOINT AFTER TRAVELER CLEARANCE IS SATISFIED.

SEGMENT 3
EASTBOUND - PIER 14

STEPS

1. CAST CONCRETE ON FALSEWORK TO CONSTRUCTION JOINT 1. BUILD CANTILEVER PORTION TO C.J. 2. AND STRESS TENDONS T9', T10', T25', & T26'. BUILD CANTILEVER TO C.J. 3. AND STRESS TENDONS T8', T12', T24' & T23'.
2. CAST CONCRETE ON FALSEWORK TO C.J. 4. BUILD CANTILEVER TO C.J. 5 AND STRESS TENDONS T7', T11', T27', & T28'. BUILD CANTILEVER TO C.J. 6 AND STRESS TENDONS T5', T14', & T22'.
3. CAST CONCRETE ON FALSEWORK TO C.J. 7. BUILD CANTILEVER TO C.J. 8 AND STRESS TENDONS T6', T13', & T30'. BUILD CANTILEVER TO C.J. 9. AND STRESS TENDONS T3', T16', & T21'.
4. CAST CONCRETE ON FALSEWORK TO C.J. 10. BUILD CANTILEVER TO C.J. 11 AND STRESS TENDONS T4', T15', & T29'. BUILD CANTILEVER TO C.J. 12 AND STRESS TENDONS T2' & T20'. BUILD CANTILEVER TO C.J. 13 AND STRESS TENDONS T13' & T32'.
5. CAST CONCRETE ON FALSEWORK TO C.J. 14. BUILD CANTILEVER TO C.J 15 AND STRESS TENDONS T1' & T19'. BUILD CANTILEVER TO C.J. 16 AND STRESS TENDONS T 17' & T31'.
6. CLOSE TRANSVERSE CONSTRUCTION JOINT 14 AND STRESS TENDONS T33' THRU T37'. TEMPORARY STEEL BENT MAY BE REMOVED AT THIS TIME.
7. CLOSE MIDSPAN CONSTRUCTION JOINT 16. STRESS 16 CONTINUITY TENDONS.

SEGMENT 3
WESTBOUND- PIER 14'- [RAMP "A"- SEE 1104]

STEPS

1. CAST CONCRETE ON FALSEWORK TO CONSTRUCTION JOINT 1 BUILD CANTILEVER TO C.J. 2 AND STRESS TENDONS T9', T22', T27' & T28'. BUILD CANTILEVER TO C.J. 3 AND STRESS TENDONS T20', T24', T26', & T40'.
2. CAST CONCRETE ON FALSEWORK TO C.J. 4. BUILD CANTILEVER TO C.J. 5 AND STRESS TENDONS T19', T23', T35' & T30'. BUILD CANTILEVER TO C.J. 6 AND STRESS TENDONS T17', T25', & T41'.
3. CAST CONCRETE ON FALSEWORK TO C.J. 7. BUILD CANTILEVER TO C.J 8 AND STRESS TENDONS T18', T26' & T33'. BUILD CANTILEVER TO C.J. 9 AND STRESS TENDONS T15', T27', & T42'.
4. CAST CONCRETE ON FALSEWORK TO C.J. 10. BUILD CANTILEVER TO C.J. 11 AND STRESS TENDONS T16, T34'. BUILD CANTILEVER TO C.J. 12 AND STRESS TENDONS T28 & T43. BUILD CANTILEVER TO C.J 13 AND STRESS TENDONS T13, & T 31.
5. CAST CONCRETE ON FALSEWORK TO C.J. 14. BUILD CANTILEVER TO C.J. 15 AND STRESS TENDONS T20', & T44'. BUILD CANTILEVER TO C.J. 16 AND STRESS TENDONS T14', & T32'.
6. CLOSE TRANSVERSE CONSTRUCTION JOINT 14 IN DOUBLE BOX & COUPLE AND STRESS TENDONS T45'-T52', T55', T57'- T68'. TEMPORARY STEEL BENT MAY BE REMOVED AT THIS TIME.
7. CLOSE MIDSPAN CONSTRUCTION JOINT 16. STRESS 15 CONTINUITY TENDONS.

NOTE :

1. CAST CONCRETE IN TOP SLAB LONGITUDINAL JOINT AFTER TRAVELER CLEARANCE IS SATISFIED.
2. READ DRAWING WITH SHEET 880 TO 883.
3. RAMP "A" AND WESTBOUND LANES MAY BE CONSTRUCTED INDEPENDENTLY WITH A FINAL TOP SLAB CLOSURE STRIP.

APPROVED FOR CONSTRUCTION

W. B. ABBOTT
Assistant Engineer of Bridge Design 8-26-81

No.	REVISION	DATE
1	SEGMENT AT PIER 13'	AUG '81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

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

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

SHEET TITLE

CONSTRUCTION SEQUENCE - SUPERSTRUCTURE SEGMENT 3

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE 912-45-2548 CONTRACT NO B-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N

1102