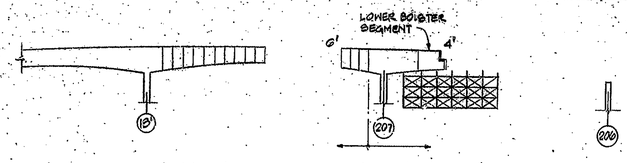
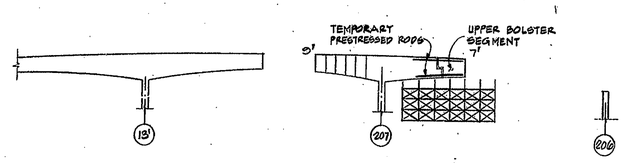


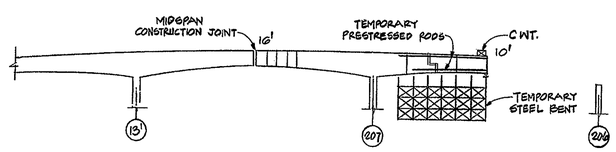
A. INSTALL FALSEWORK FROM PIER 207 TO C.J. AT STA 1 + 15.79.
B. PERFORM CANTILEVER CONSTRUCTION C.J. 6' AND BACK THRU E.J 4 C.J. 4', STRESSING TENDONS T3' THRU T6', AND T8'.
C. INSTALL 1 1/4" Ø ROD ANCHORAGES
D. INSTALL TENDON ANCHORAGES.

1. BALANCED CANTILEVER CONSTRUCTION AND CAST LOWER BOLSTER HINGE SEGMENT



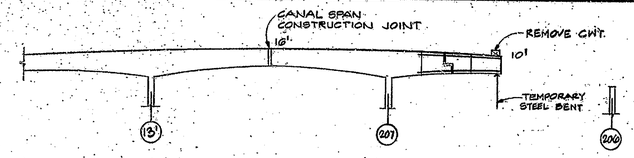
A. CAST COMPRESSION BLOCKS.
B. INSTALL BEARINGS.
C. CAST ON FALSEWORK TO C.J. 7'.
D. INSTALL AND STRESS 1 1/4" Ø RODS.
E. STRESS TENDONS T3' AND T7'.

2. CANTILEVER CONSTRUCTION AND CAST UPPER BOLSTER HINGE SEGMENT



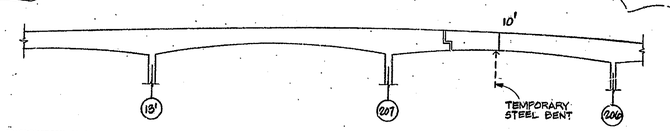
A. CAST AND STRESS 1 1/4" Ø RODS.
B. ADD 200K COUNTERWEIGHT.
C. COMPLETE CANTILEVER CONSTRUCTION.

3. CANTILEVER CONSTRUCTION AND RAMP A TO CONSTRUCTION JOINT AT STA. 1 + 15.79



A. CLOSE CONSTRUCTION JOINT IN CANAL SPAN.
B. STRESS 10 CONTINUITY TENDONS.
C. REMOVE COUNTERWEIGHT.
D. RELEASE TEMPORARY STEEL BENT TO PROVIDE 1/2" CLEAR TO GIRDER SOFFIT.
E. REMOVE FALSEWORK.

4. CLOSE CANAL SPAN CONSTRUCTION JOINT



A. COMPLETE CONSTRUCTION OF RAMP "A" GIRDER FROM PIER 206 TO C.J. 10'. (BY OTHERS)
B. INSTALL AND STRESS CONTINUOUS TENDONS FROM E.J. 4 TO BEYOND PIER 206. (BY OTHERS)
C. DETENSION ACCESSIBLE, UNGROUTED 1-1/4" Ø TEMPORARY PRESTRESSING RODS B2-1, B2-2, B2-4, B2-5, B2-8, B2-9, B2-10, B2-11, B2-13, B2-14, B2-15, B2-16, B2-19, B2-20, B2-22 and B2-23 IN TOP LAYER OF TOP SLAB; AND ALL B3 BARS IN BOTTOM SLAB.
D. REMOVE TOP CONCRETE COMPRESSION BLOCKS AND DEHINGE ALL 1-1/4" Ø TEMPORARY PRESTRESSING RODS AT E.J. 4; TOP BARS FIRST AND THEN BOTTOM BARS IN A SYMMETRICAL AND GRADUAL SEQUENCE BY CUTTING ALTERNATE BARS.
E. REMOVE BOTTOM CONCRETE COMPRESSION BLOCKS.
F. REMOVE TEMPORARY STEEL BENT AT CONSTRUCTION JOINT 10'.

5. COMPLETE RAMP A FROM PIER 206 TO C.J. STA. 1 + 15.79

REFERENCE DRAWINGS: 731, 732 — HINGE REINF.
935, 935A, 938, 939 — PRESTRESSING REINF.
1104 — CONST. SEQUENCE

APPROVED FOR CONSTRUCTION
J. D. Mattis
J. D. MATTIS
Engineer of Bridge Plans
9-7-82

NO.	REVISION	DATE
1	STEP 5 SEQ.	JAN. 82

N	REVISION	DATE

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

SHEET TITLE
RAMP "A" CONSTRUCTION SEQUENCE

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2646 CONTRACT NO. S-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
1104A