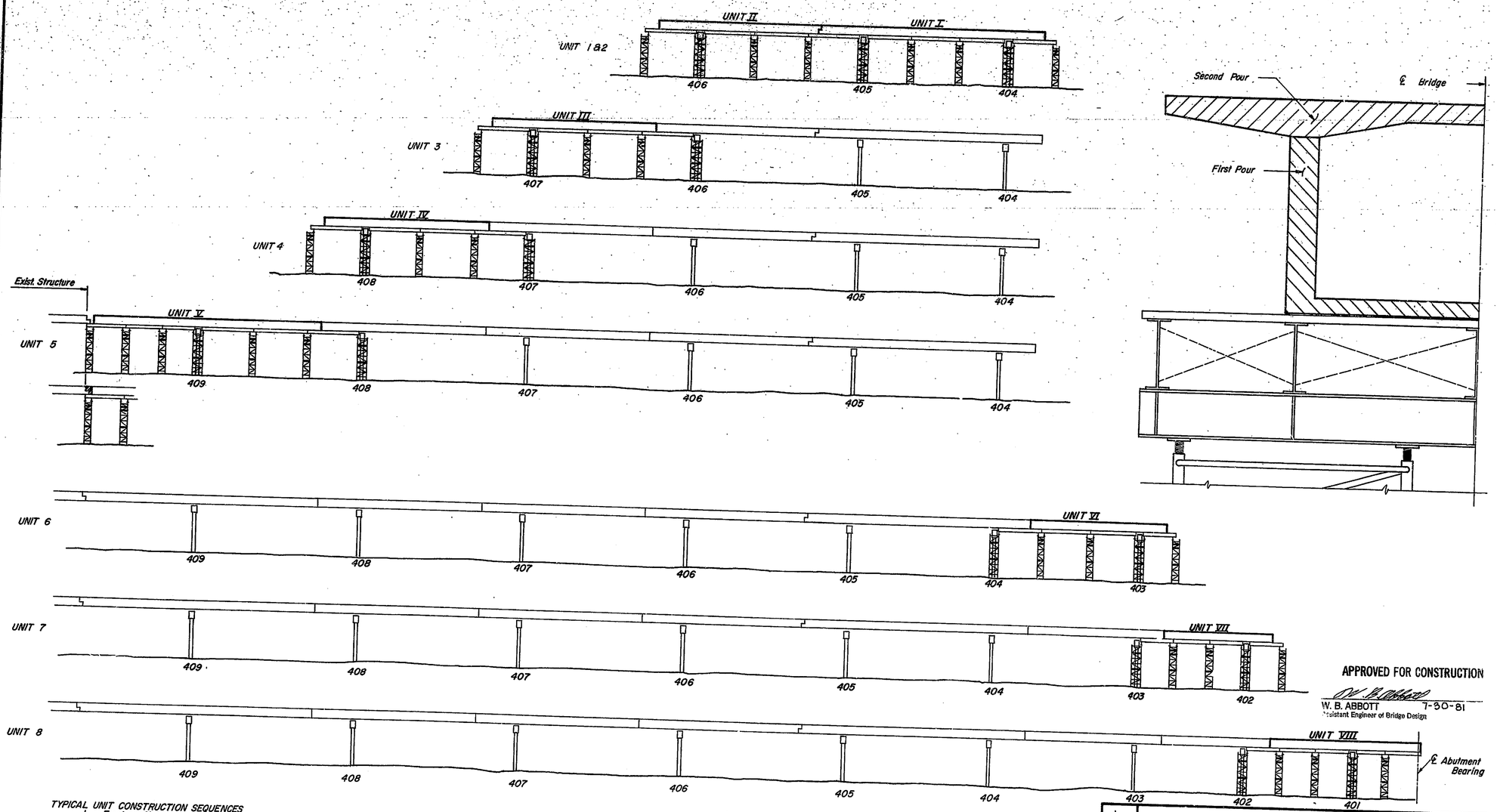

APPROVED FOR CONSTRUCTION

W. B. ABBOTT 7-30-81
Assistant Engineer of Bridge Design

TYPICAL UNIT CONSTRUCTION SEQUENCES

1 Erect scaffolding and forms.
2 Place rebar and post tensioning tendons in bottom slab and webs.
3 Pour bottom slab and webs.
4 Place rebar in top slab.

5 When the concrete has reached a strength of 4,000 p.s.i. in the webs and 3,500 p.s.i. in the top slab, stress the post tensioning tendons. (See stressing sequence table.)
6 Remove forms and scaffolding.

UNIT V CONSTRUCTION SEQUENCES

1 Follow the typical unit construction sequence up to step 6 (six).
2 Pour the last segment between the construction joint and the expansion joint.
3 When the concrete of that segment has reached a strength of 3,500 p.s.i., stress the post tensioning bars. (See stressing sequence table.)
4 Remove forms and scaffolding.

NOTE

If after unit 4, (four) the main structure is not built up to the expansion joint, unit 5 (five) may be delayed until that portion of the main structure is built.

DESIGNED MM	C'K'D. M.M.		
DRAWN RT	C'K'D. M.M.		
TRACED HGS	C'K'D. M.M.		

Figg and Muller Engineers Inc.
Consulting Engineers
Tallahassee Florida 32301

ERECTION SEQUENCES

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- C SECTION:-
SCALE:- 1" = 50'-0" DATE:- MAY 26, 1981
SUBMITTED FOR APPROVAL Eugene C. Figg Jr.
DRAWING:- OF SHEET:- 342 OF
PROJECT:- MM 220-1(B)
CONTRACT NO. B-12752
BRIDGE FILE:- 912-45-2546 REN

EUGENE C. FIGG JR. REGISTERED No 15543 STATE OF INDIANA PROFESSIONAL ENGINEER