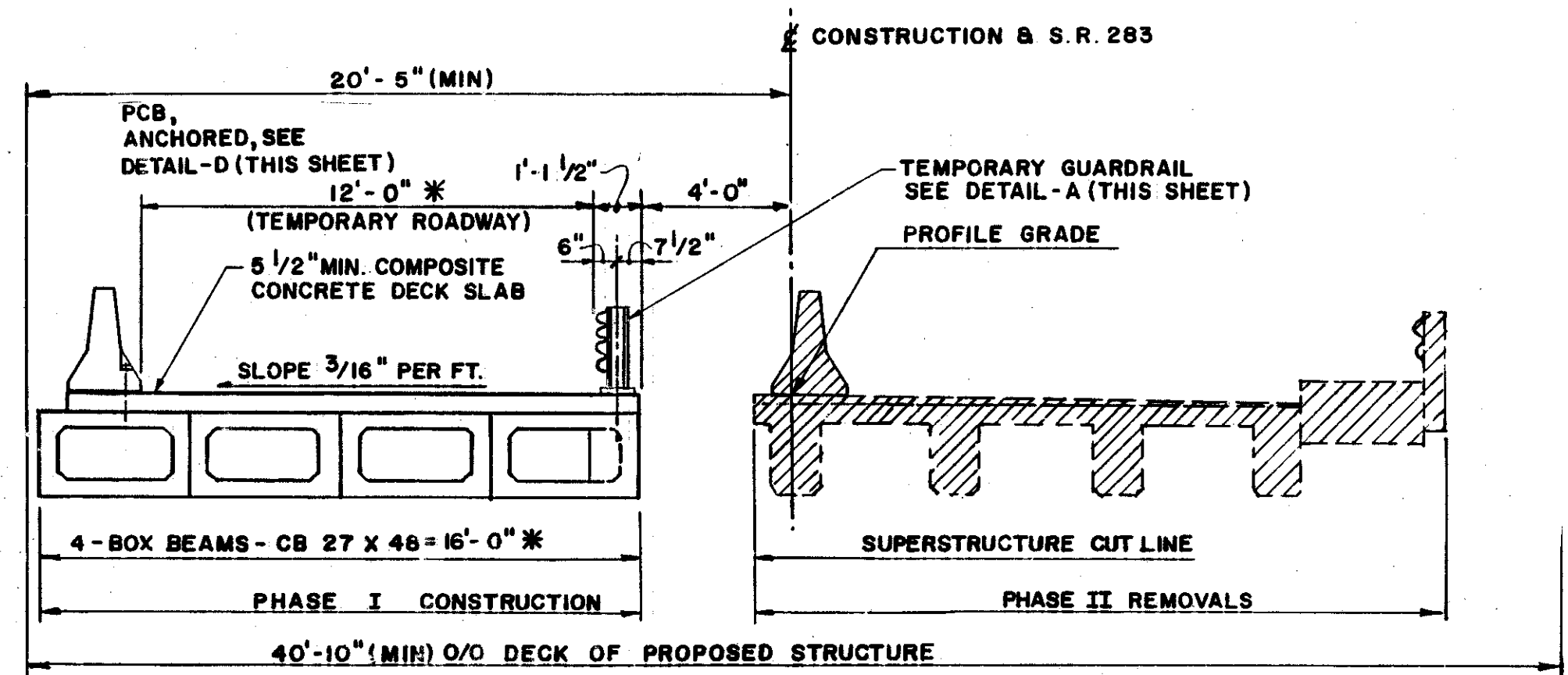
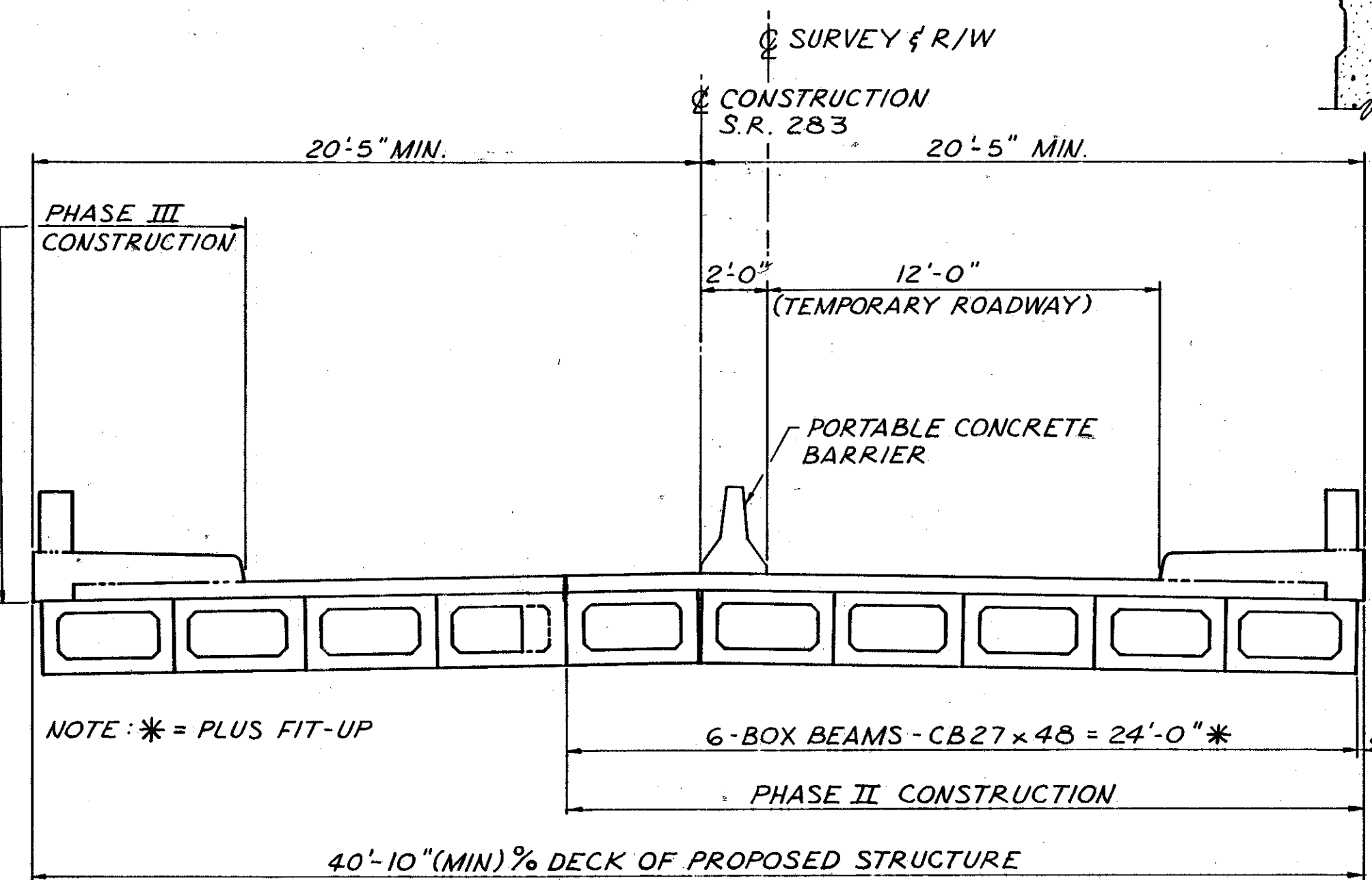


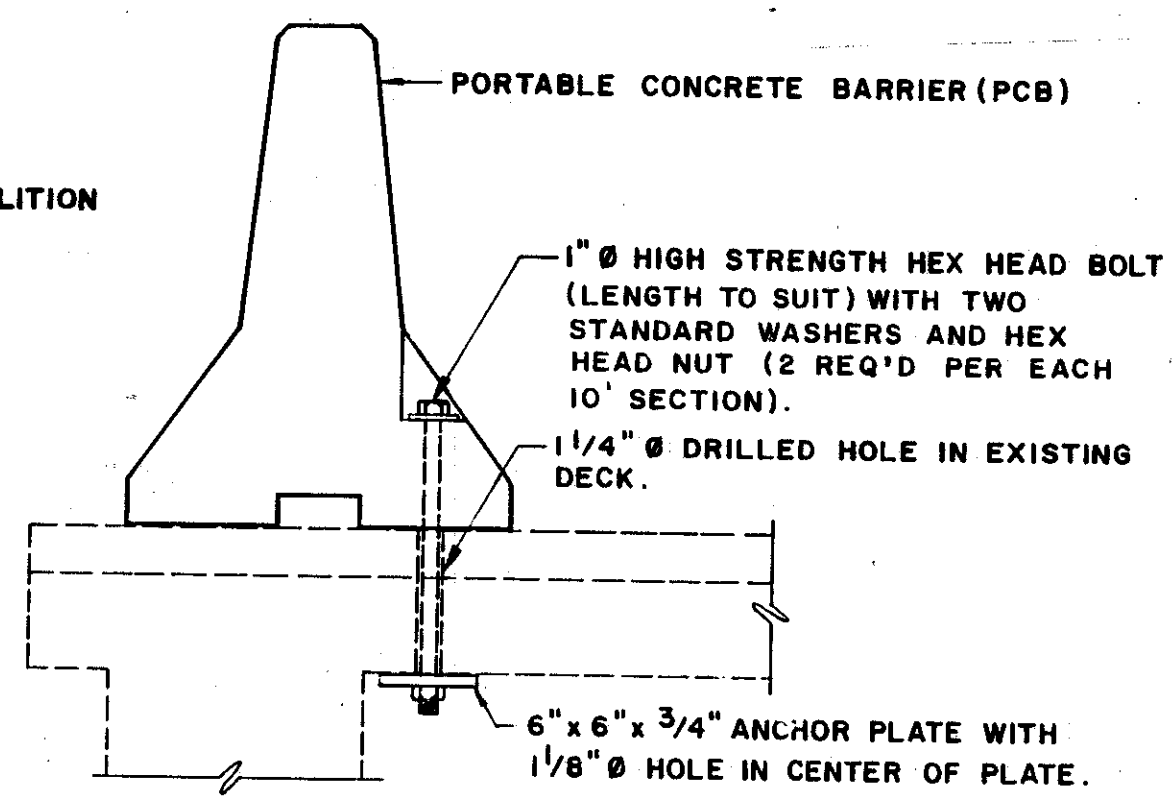
**PHASE I**  
(LOOKING AHEAD STATIONS)



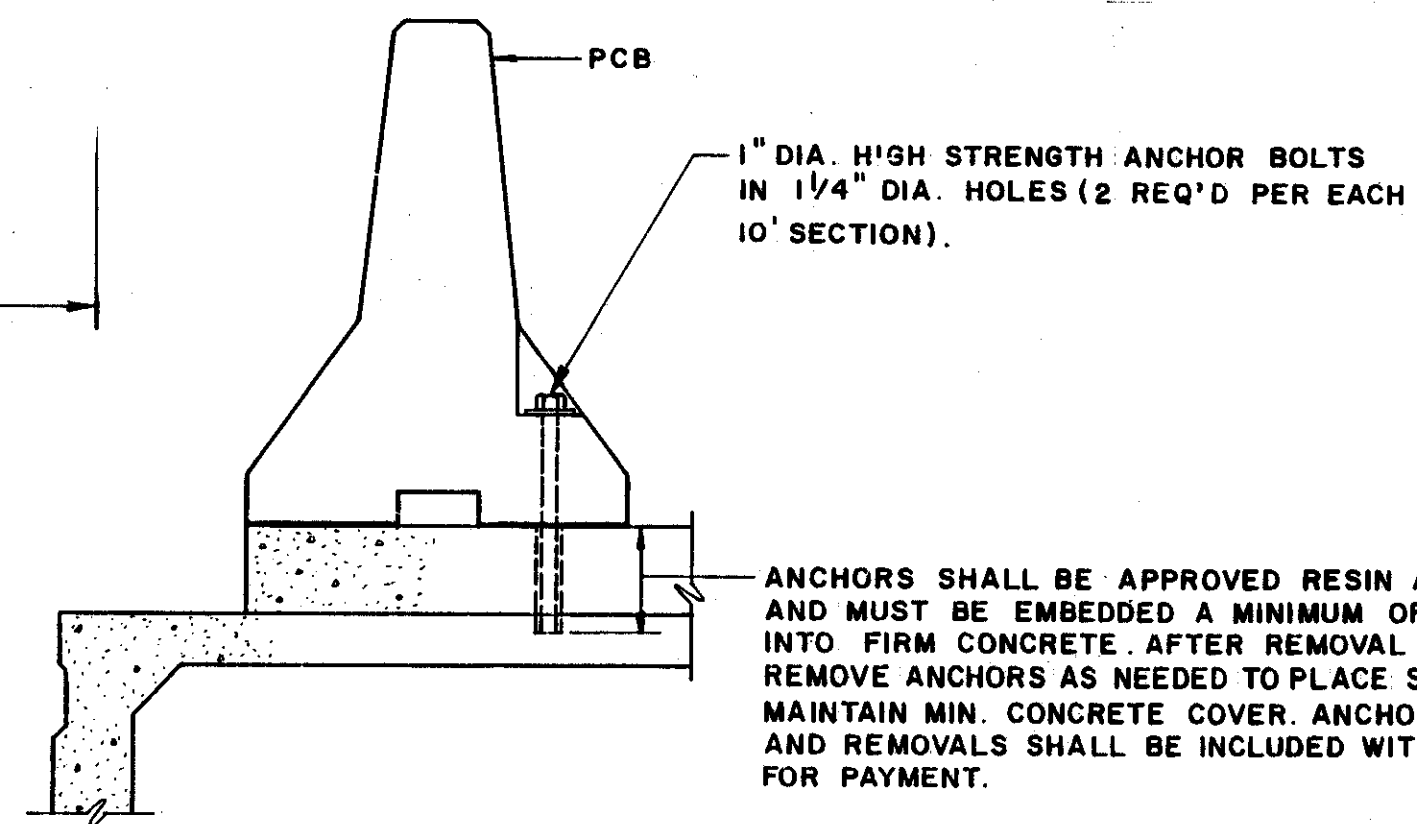
**PHASE II**  
(LOOKING AHEAD STATIONS)



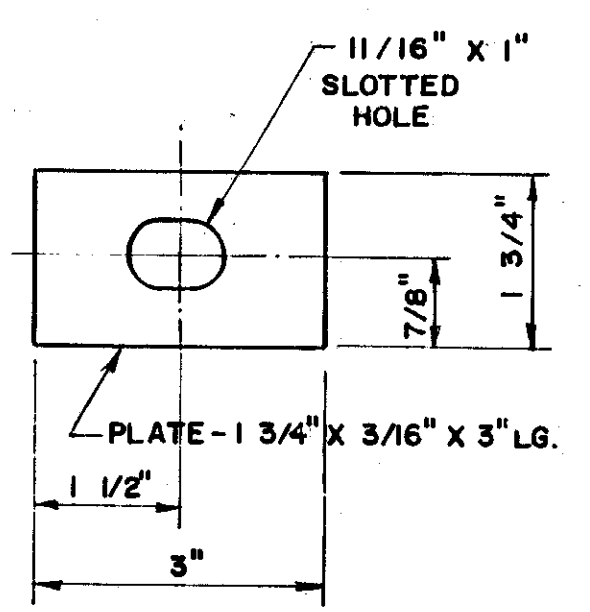
**PHASE III**  
(LOOKING UPSTATION)



**PORTABLE CONCRETE BARRIER  
DETAIL B**  
(LOOKING AHEAD STATIONS)



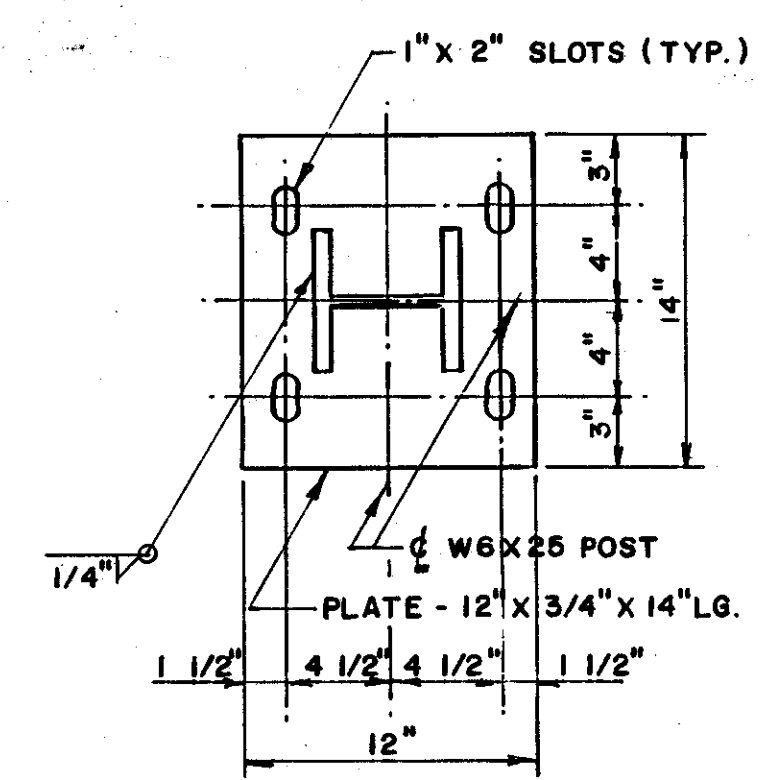
**PORTABLE CONCRETE BARRIER  
DETAIL D**  
(LOOKING AHEAD STATIONS)



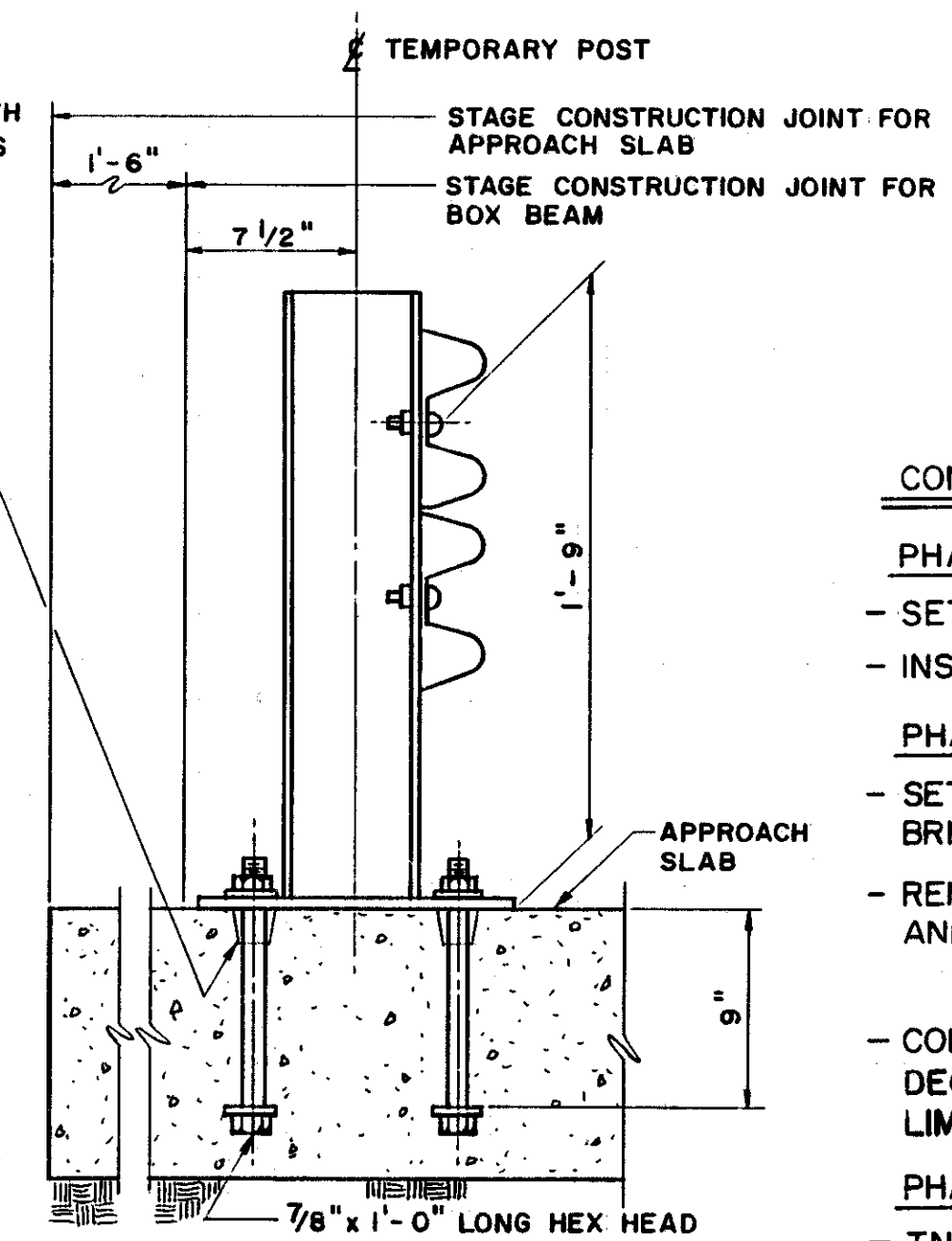
**SPECIAL WASHER DETAIL**

2 1/2" DEEP RECESS AT EACH ANCHOR. AFTER REMOVAL OF RAILING, ANCHORS SHALL BE BURNED OFF AND HOLES FILLED WITH NON-SHRINK EPOXY GROUT PER 705.20 ANCHORS AND GROUTING SHALL BE INCLUDED WITH ITEM 614 FOR PAYMENT.

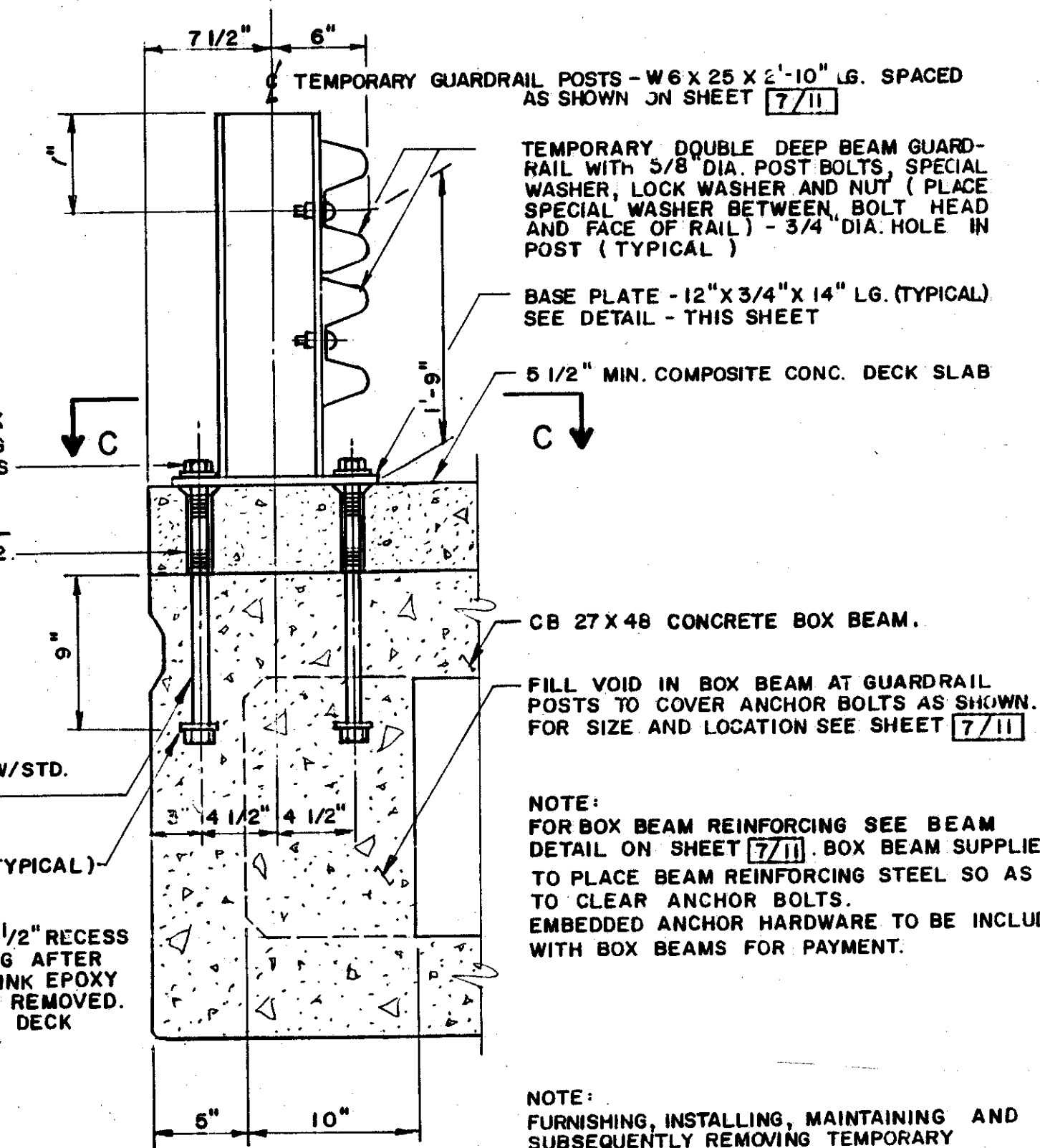
NOTE: FOR TRANSITION DETAILS OF DEEP BEAM RAIL TO PCB SEE DETAIL A SHEET [10/25]



**TEMPORARY  
BASE PLATE DETAIL**



**TEMPORARY GUARDRAIL AT  
APPROACH SLABS**  
(LOOKING BACK STATIONS)



**DETAIL - A**  
(LOOKING BACK STATIONS)

**CONSTRUCTION SEQUENCE**

- PHASE IA**
- SET UP FLAGGER CLOSING AS PER MT-97.10.
  - INSTALL TEMPORARY PAVEMENT AND GRADING.
- PHASE I**
- SET UP ONE-WAY TRAFFIC LANE ON RIGHT SIDE OF EXISTING BRIDGE.
  - REMOVE LEFT SIDE OF EXISTING BRIDGE DECK, ABUTMENTS AND EXISTING PAVEMENT TO THE LIMITS SHOWN.
  - CONSTRUCT LEFT SIDE OF PROPOSED ABUTMENT, BRIDGE DECK, BACKWALL, APPROACH SLABS AND PAVEMENT, TO THE LIMITS SHOWN.
- PHASE II**
- INSTALL TEMPORARY BARRIERS AND GUARDRAIL.
  - SET UP ONE-WAY TRAFFIC LANE ON LEFT SIDE OF PROPOSED BRIDGE.
  - REMOVE REMAINDER OF EXISTING BRIDGE DECK, ABUTMENTS, AND EXISTING PAVEMENT TO THE LIMITS SHOWN.
  - CONSTRUCT RIGHT SIDE OF PROPOSED ABUTMENTS, BRIDGE DECK, POUR DECK TOPPING TO THE LIMITS SHOWN ON SHEET [8/11] AND INSTALL THE CLAMPING DEVICE. AFTER CLAMPING, GROUT THE SHEAR KEY. POUR THE DECK SLAB 2'-6" WIDE AS SHOWN ON SHEET [8/11]. CONSTRUCT SIDEWALK, PARAPET AND RAILING, BACKWALL, APPROACH SLABS AND PAVEMENT FOR PROPOSED APPROACH.
- PHASE III**
- SET UP ONE-WAY TRAFFIC LANE ON RIGHT SIDE OF PROPOSED BRIDGE.
  - INSTALL SIDEWALK, PARAPET, AND NEW GUARDRAIL ON LEFT SIDE OF PROPOSED BRIDGE.
  - INSTALL ELASTOMERIC JOINT SEALS.
  - REMOVE ALL BARRIERS, RAILING ETC. AND OPEN STRUCTURE FULLY TO TRAFFIC.

- NOTES:**
1. FOR COMPLETE MAINTENANCE OF TRAFFIC DETAILS, SEE TRAFFIC MAINTENANCE PLAN SHEETS.
  2. SEE SHEET [7/11] FOR SHEAR KEY CLAMPING DETAIL.
  3. ITEM 622 - PORTABLE CONCRETE BARRIER, 32" BRIDGE MOUNTED, IS CARRIED IN THE ROADWAY QUANTITIES.

JOHN E. FOSTER AND ASSOCIATES, INC. 3/11  
2999 Payne Ave., Cleveland, Ohio 44114

**PHASE CONSTRUCTION DETAILS  
AND CONSTRUCTION SEQUENCE**  
BRIDGE NO LAK-283-II.65  
SR 283 OVER  
MENTOR MARSH

|          |        |        |         |          |      |                   |
|----------|--------|--------|---------|----------|------|-------------------|
| DESIGNED | DRAWN  | TRACED | CHECKED | REVIEWED | DATE | REVISED           |
| H.W.R.   | I.L.L. |        | L.I.    | H.S.S.   | 1/93 | ODOT BRIDGES 2/95 |

LAKE COUNTY STA. 5+89.50  
STA. 6+54.50