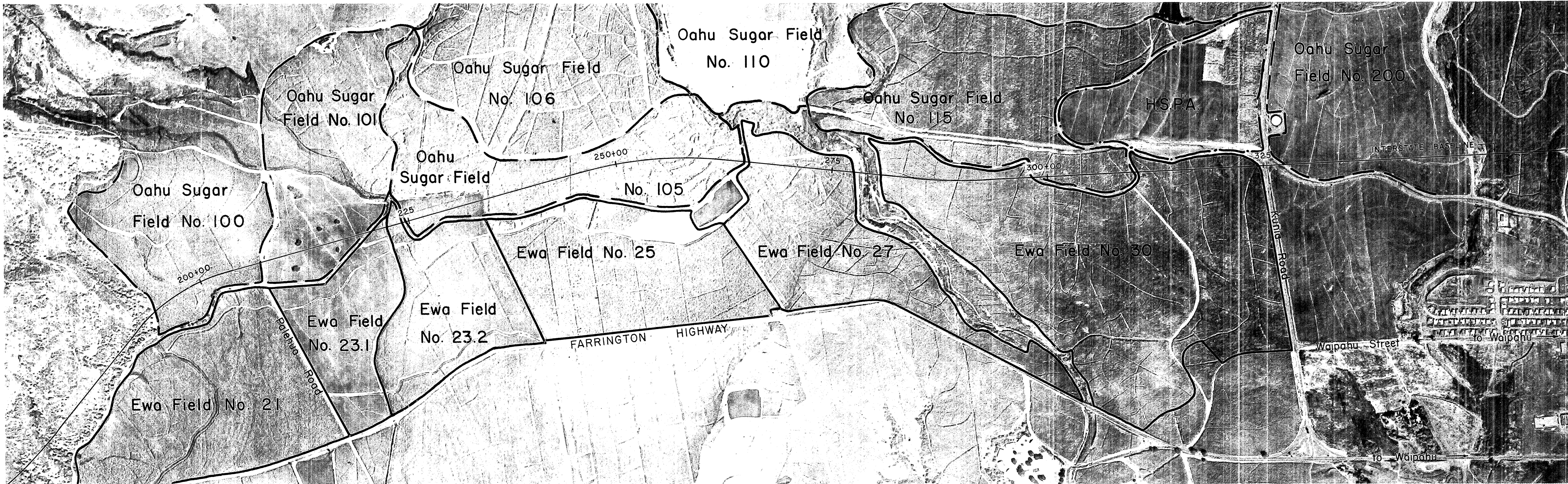


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-HI-1(18) UNIT 2  | 1965        | 17        | 75           |

**LEGEND:**

- Denotes Hawaiian Sugar Planters' Association's field boundary.
- Denotes Oahu Sugar Company's field boundary.
- Denotes Ewa Plantation Company's field boundary.



**DESIGNATION OF PLANTATION CANE FIELDS AFFECTED BY CONSTRUCTION**

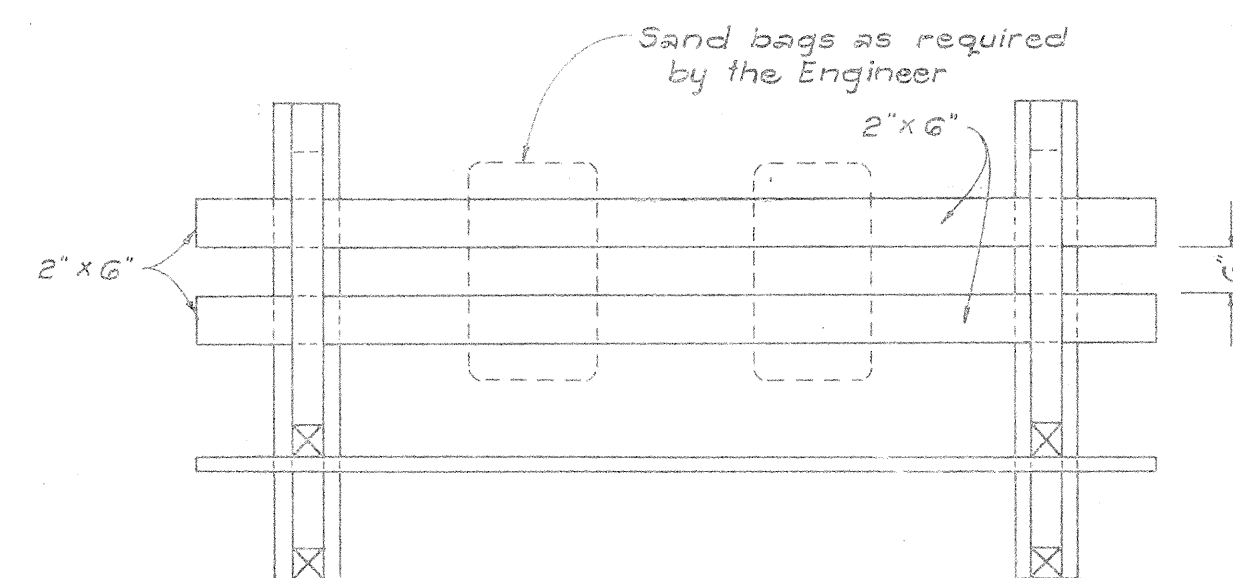
|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DRAWN BY          | "    |
|               | TRACED BY         | "    |
|               | DESIGNED BY       | "    |
|               | CHECKED BY        | "    |
|               | No.               | "    |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

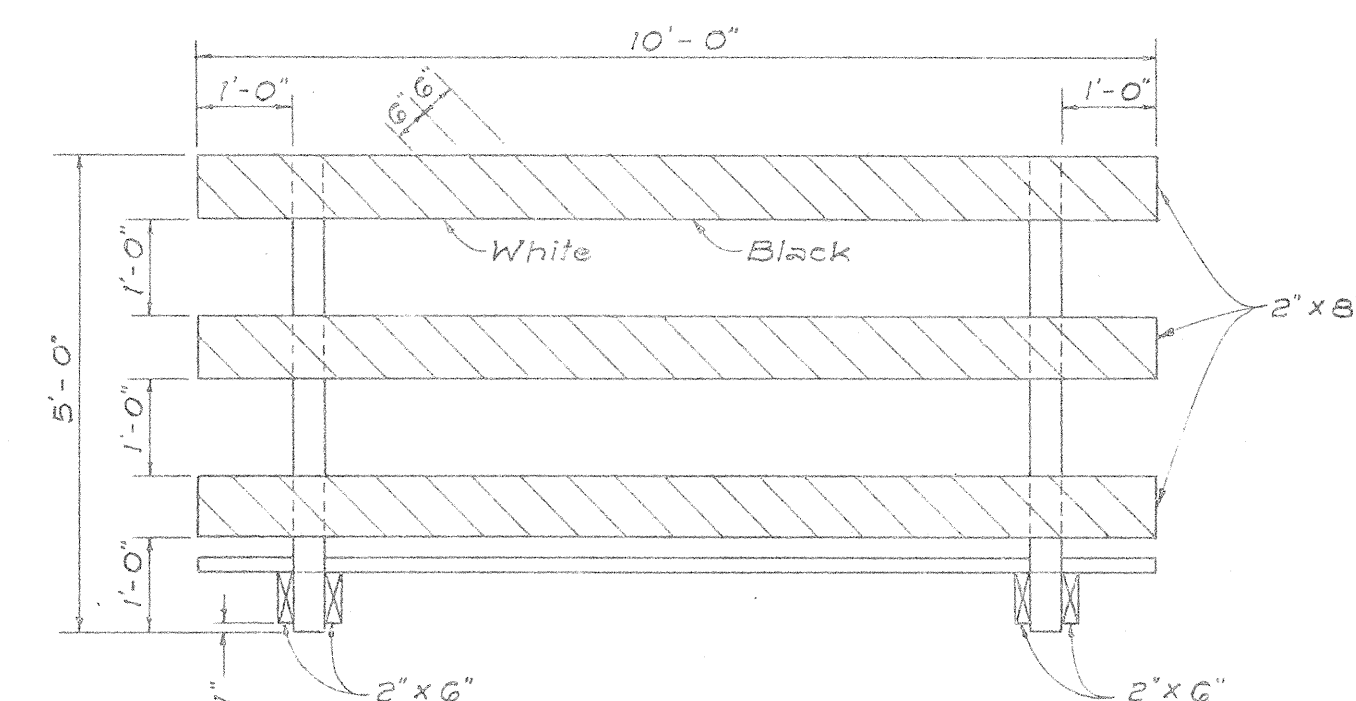
ROADWAY DETAIL  
DESIGNATION OF  
PLANTATION CANE FIELD

INTERSTATE ROUTE H-1  
F.A.I. Proj. No. I-HI-1(18) UNIT 2  
Scale: as shown Date: July, 1965

SHEET No. 1 OF 6 SHEETS

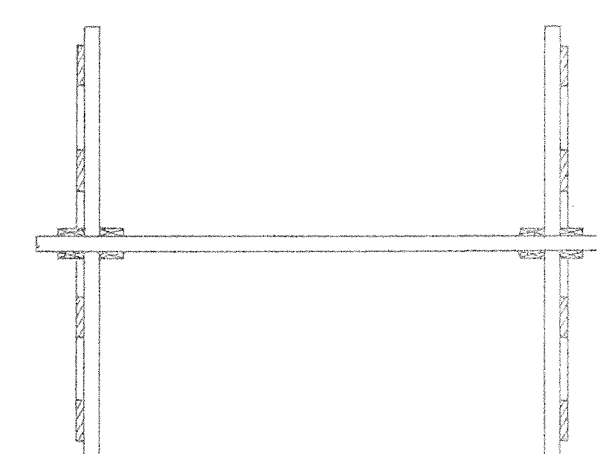


PLAN VIEW

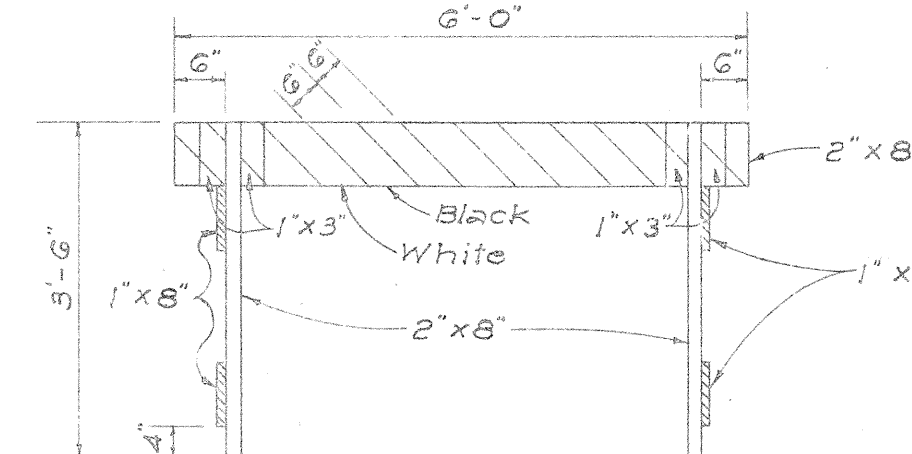


FRONT VIEW

CLASS I BARRICADE



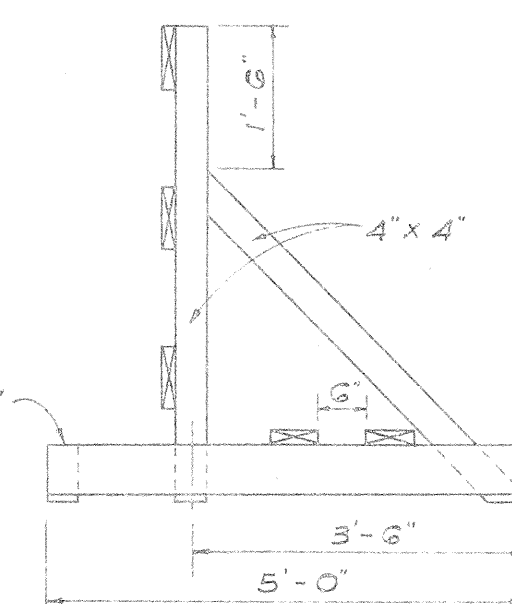
PLAN VIEW



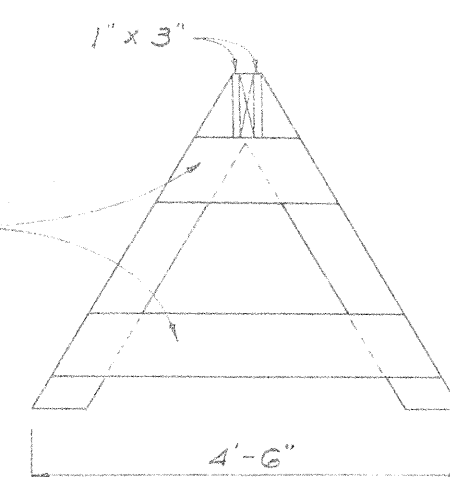
FRONT VIEW

CLASS II BARRICADE

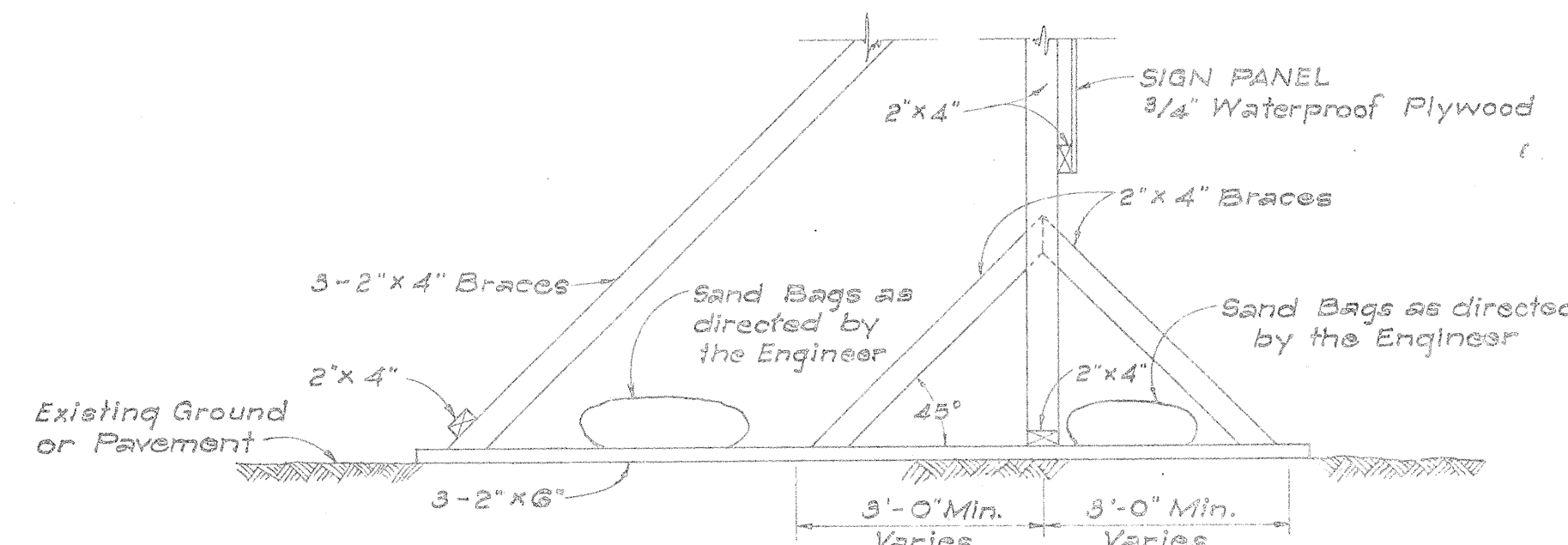
Scale: 1/2" = 1'-0"



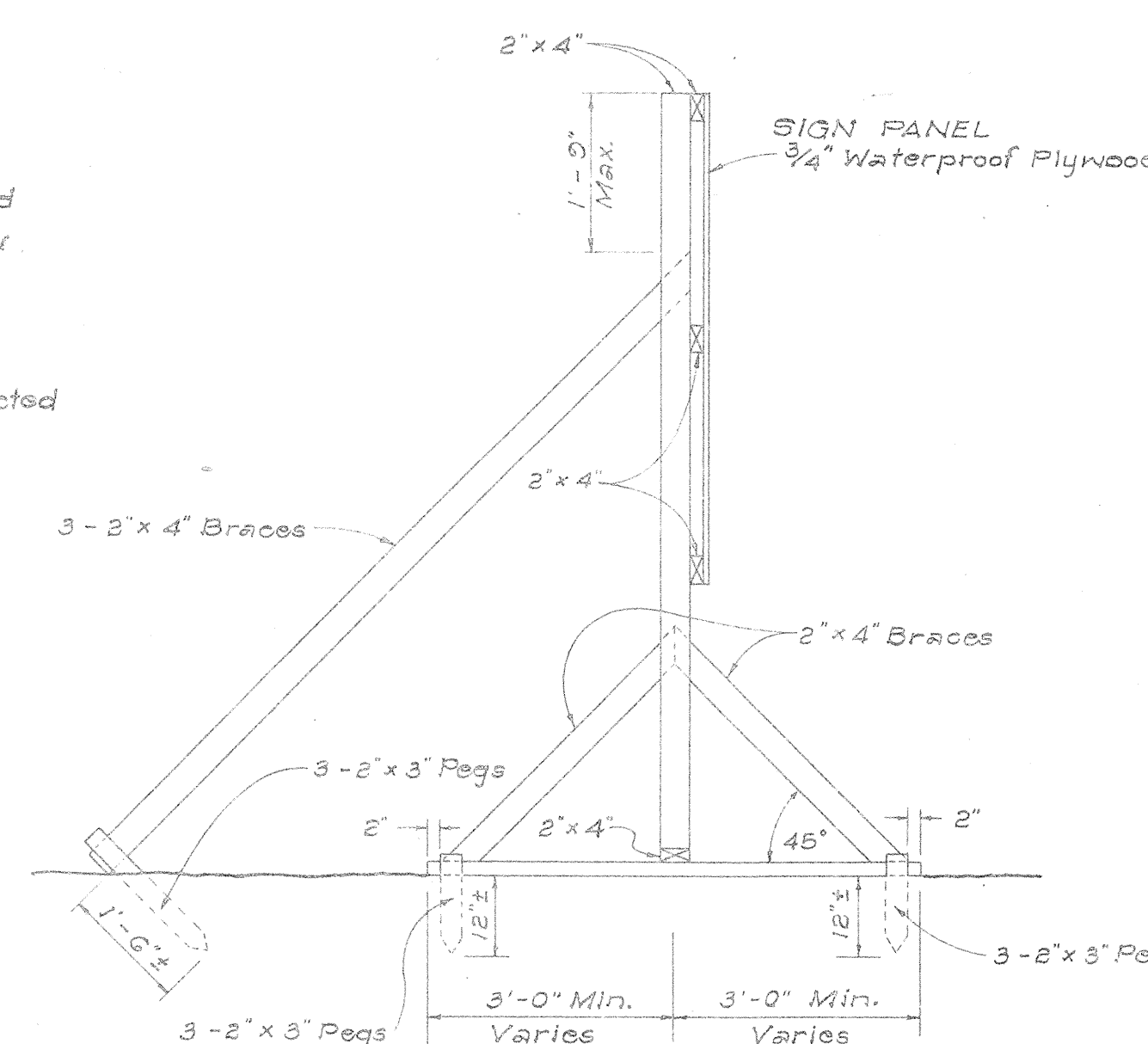
END VIEW



END VIEW



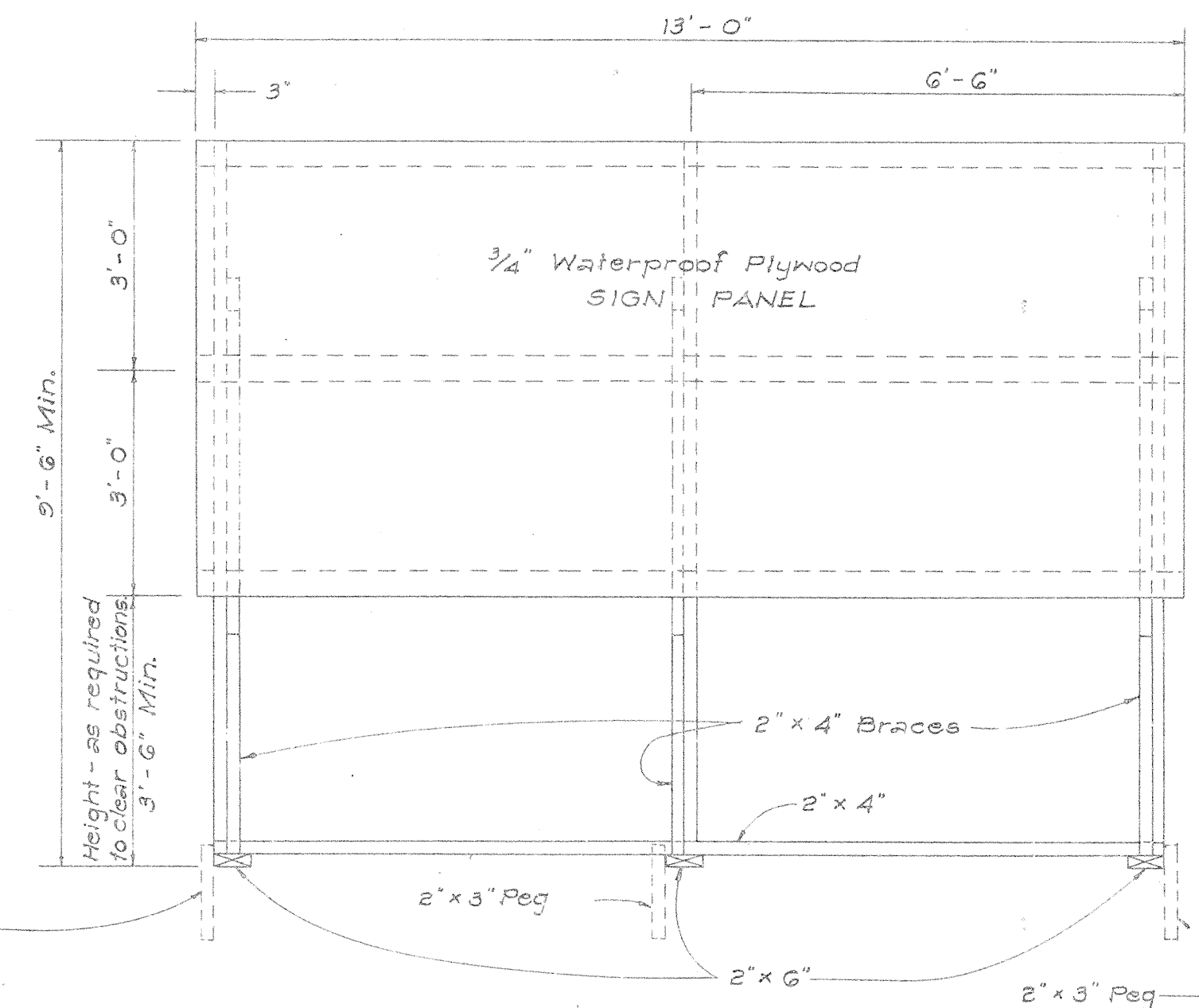
SIDE VIEW  
(SIGN FRAME WEIGHTED DOWN)



SIDE VIEW  
(SIGN FRAME ANCHORED IN GROUND)

ELEVATIONS

Scale: 1/2" = 1'-0"



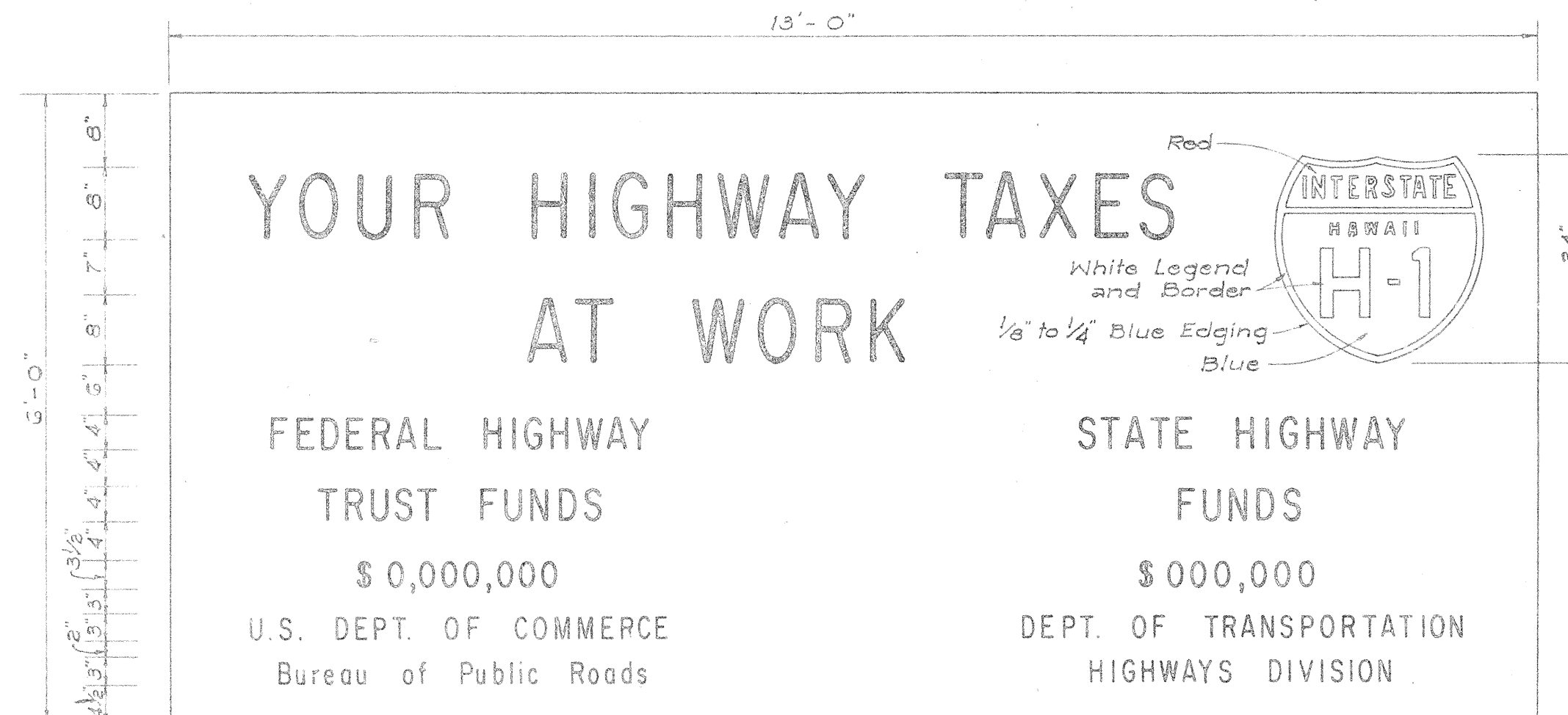
FRONT VIEW

NOTES:

- A. PROJECT IDENTIFICATION SIGNS
- The sign legend shall be black on white background except for the Interstate Route marker which shall be as shown on the plan.
  - The Contractor shall construct, install and maintain the project signs at the locations shown on the Plans and as ordered by the Engineer.
  - The signs shall be removed and stockpiled upon completion of the project as ordered by the Engineer and are to become State property.
  - Letters shall be Series "C" of the sizes shown on the Plan and shall conform with the Standard Alphabet for Highway Signs, Bureau of Public Roads, 1952.
  - The Contractor shall fill in the proper numerals in place of ciphers as ordered by the Engineer.

B. WOOD BARRICADES

- The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans and as ordered by the Engineer.
- The permanent wood barricades shall be left in place or relocated upon completion of the project as ordered by the Engineer and are to become State property.



PROJECT SIGN PANEL

Scale: 3/4" = 1'-0"

INTERSTATE SYSTEM PROJECT SIGN

Scale: As Shown

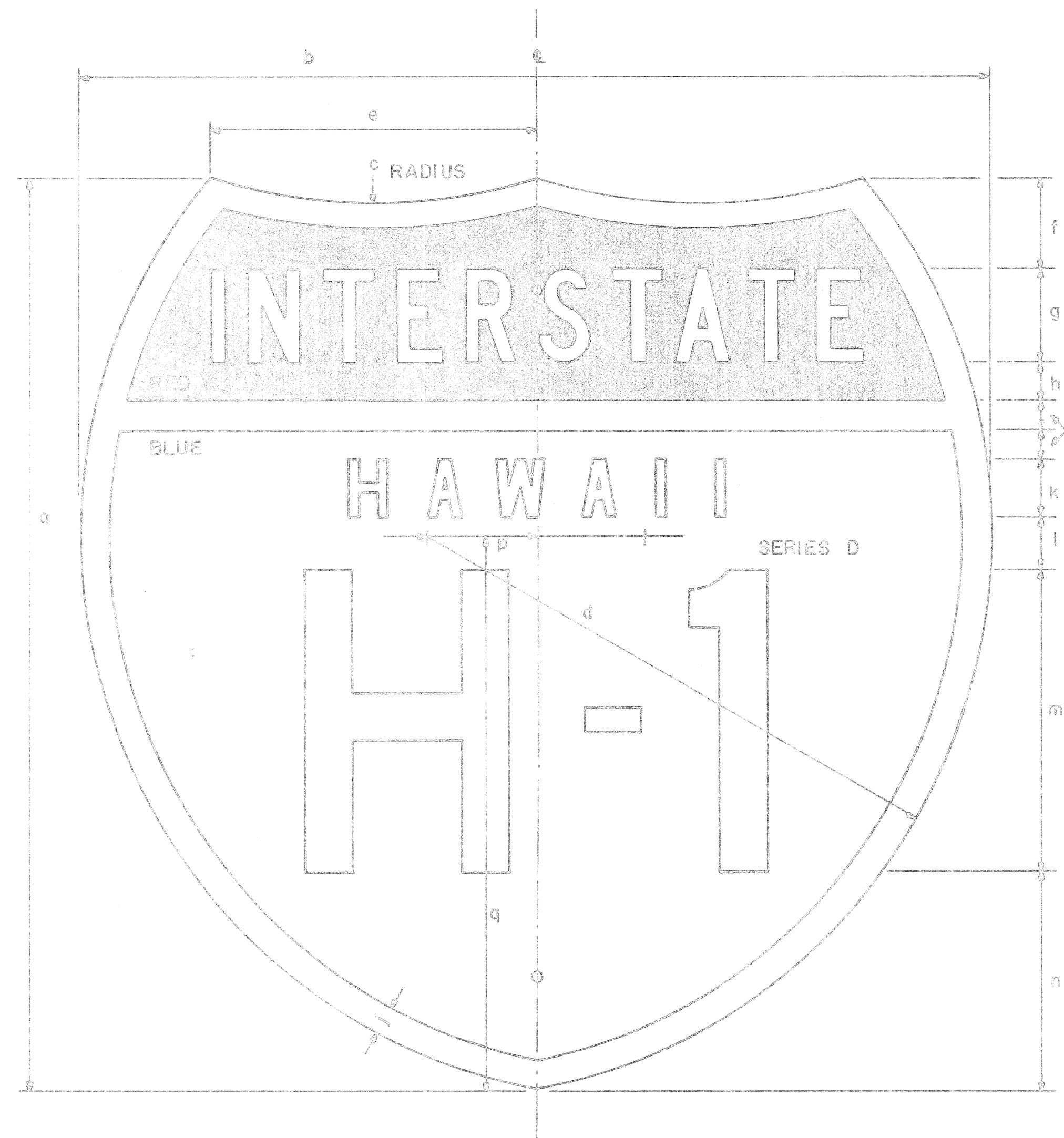
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TYPICAL DETAILS  
CONSTRUCTION IDENTIFICATION SIGN  
AND  
WOOD BARRICADES

INTERSTATE ROUTE H-1  
F.A.I. Proj. No. 1-HI-1(18), Unit 2

SCALE: As Shown DATE: July, 1965

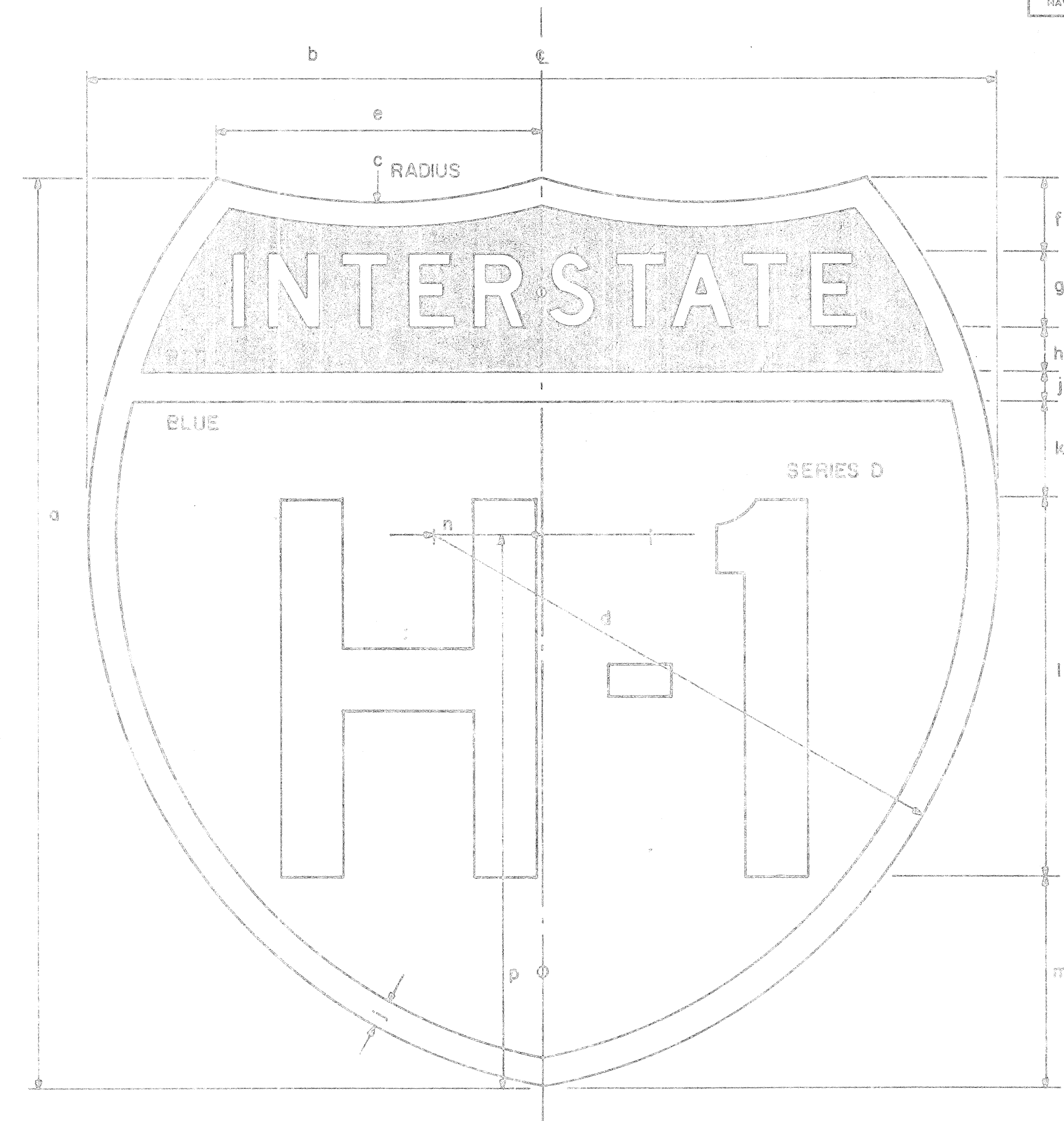
SHEET No. 2 OF 6 SHEETS



INTERSTATE ROUTE MARKER  
IM-1 ( )

INTERSTATE SHIELDS - INDEPENDENT USE

| ( ) | a  | b  | c      | d       | e        | f       | g       | h     | j     | k       | l      | m  | n      | p      | q        |
|-----|----|----|--------|---------|----------|---------|---------|-------|-------|---------|--------|----|--------|--------|----------|
| 1   | 18 | 21 | 13 1/8 | 12 9/16 | 9 3/16   | 1 25/32 | 1 7/8 C | 3/4   | 9/16  | 1 1/8 D | 1 1/32 | 6  | 4 5/16 | 2 1/16 | 12 7/16  |
| 2   | 24 | 24 | 15     | 14 7/8  | 8 5/8    | 2 3/8   | 2 1/2 C | 1     | 3/4   | 1 1/2 D | 1 3/8  | 8  | 5 3/4  | 2 7/8  | 14 5/8   |
| 3   | 36 | 36 | 22 1/2 | 22 5/16 | 12 15/16 | 3 9/16  | 3 3/4 C | 1 1/2 | 1 1/8 | 2 1/4 D | 2 1/16 | 12 | 8 5/8  | 4 5/16 | 21 15/16 |



INTERSTATE ROUTE MARKER  
IM-2 ( )

INTERSTATE SHIELDS ON GUIDE SIGNS

| ( ) | a  | b  | c      | d       | e        | f      | g   | h      | j     | k      | l  | m      | n      | p        |
|-----|----|----|--------|---------|----------|--------|-----|--------|-------|--------|----|--------|--------|----------|
| 2   | 24 | 24 | 15     | 14 7/8  | 8 5/8    | 2      | 2 D | 1 3/16 | 3/4   | 2 9/16 | 10 | 5 1/2  | 2 7/8  | 14 5/8   |
| 3   | 36 | 36 | 22 1/2 | 22 5/16 | 12 15/16 | 3 7/16 | 3 C | 1 5/16 | 1 1/8 | 3 1/8  | 15 | 9      | 4 5/16 | 21 15/16 |
| 4   | 48 | 48 | 30     | 29 3/4  | 17 1/4   | 4 3/4  | 5 C | 2      | 1 1/2 | 4      | 18 | 12 3/4 | 5 3/4  | 29 1/4   |

#### GENERAL NOTES

1. The shape, color, dimensions, symbols, wording, lettering and reflectorizing of all signs shall be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways," dated June 1961 and the BPR manual "Standard Highway Signs," dated September 1961, unless otherwise specified.
2. All letters and figures shall conform to the manual "Standard Alphabets for Highway Signs," Dept. of Commerce, Bureau of Public Roads, 1952.
3. All markers shall be reflectorized unless otherwise specified.
4. All markers shall have 5/8" bolt holes drilled at appropriate locations unless otherwise specified.
5. The Interstate Route Marker shall be a cut-out shield, in a red, white and blue design as shown on the plans.

APPROVED:

DATE: .....

DIRECTOR OF TRANSPORTATION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
STANDARD DETAILS

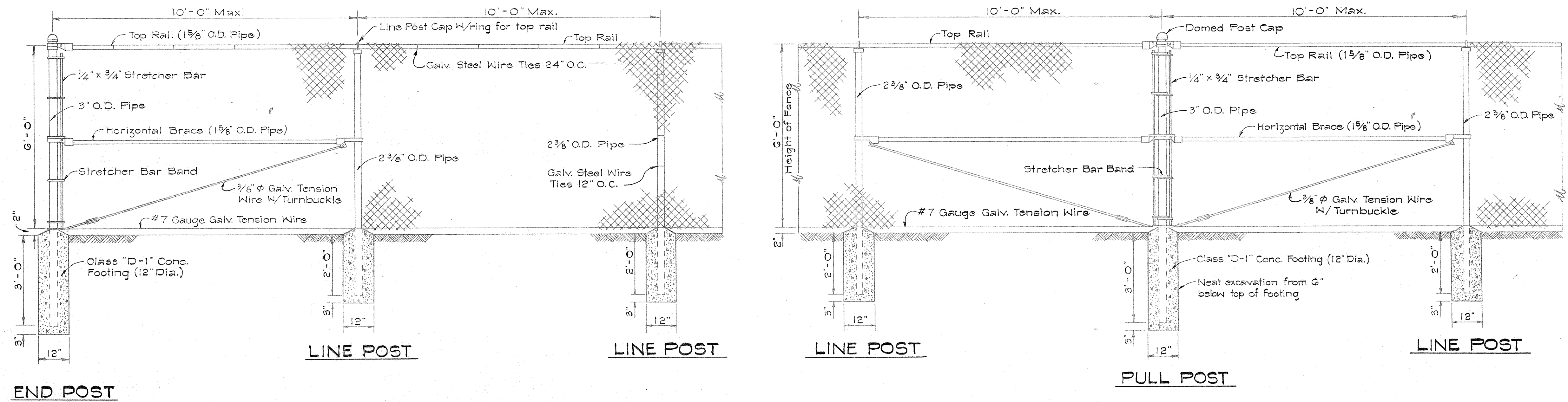
INTERSTATE ROUTE MARKERS

INTERSTATE ROUTE H-1  
F.A.I. Proj. No. I-HI-1(18), Unit 2

No Scale Date: July, 1965

SHEET NO 3 OF 6 SHEETS

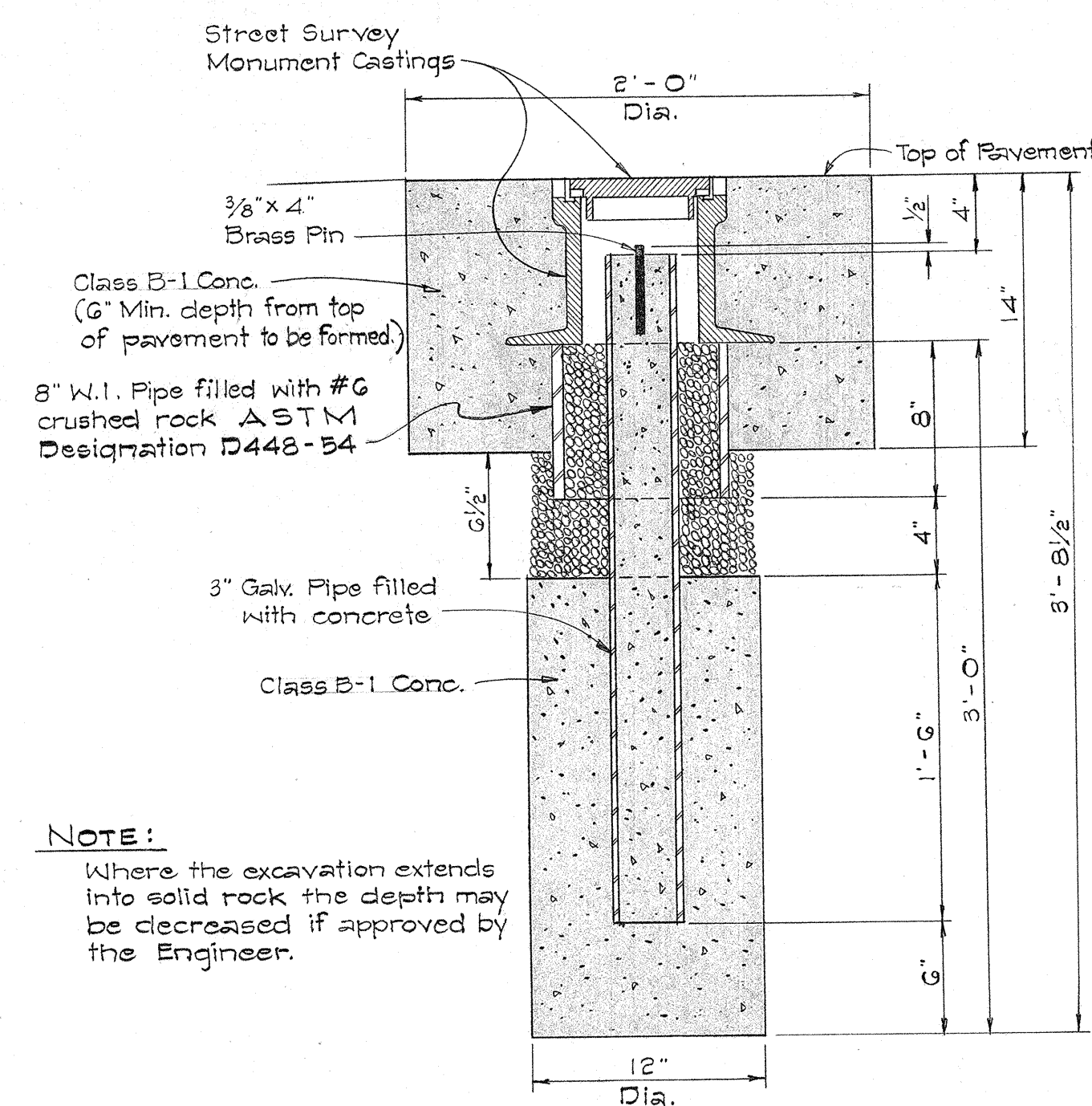




### CHAIN LINK FENCE DETAIL

Scale: 1/2" = 1'-0"

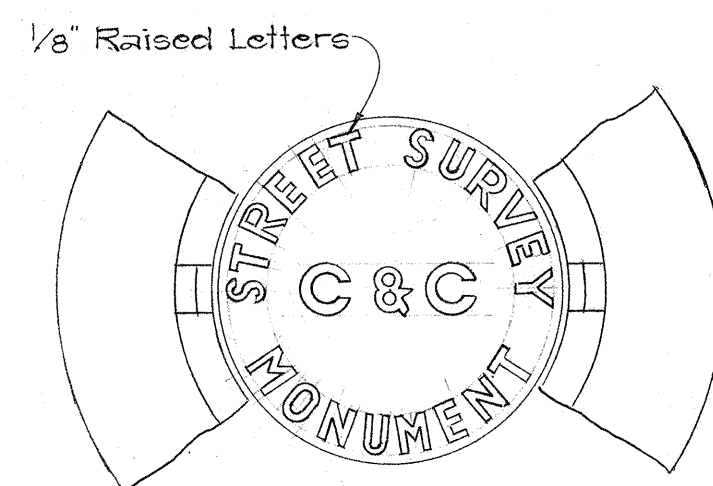
NOTE: Concrete footings for fence posts shall be formed to 6" below ground line. The top of the concrete footings at the post shall extend a minimum of 2" above ground line and the surface troweled so that the outer periphery of the top of the footing is flush with the ground.



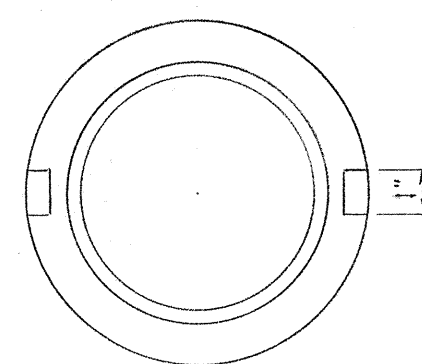
NOTE: Where the excavation extends into solid rock the depth may be decreased if approved by the Engineer.

### STREET SURVEY MONUMENT

Scale: 1/2" = 1'-0"



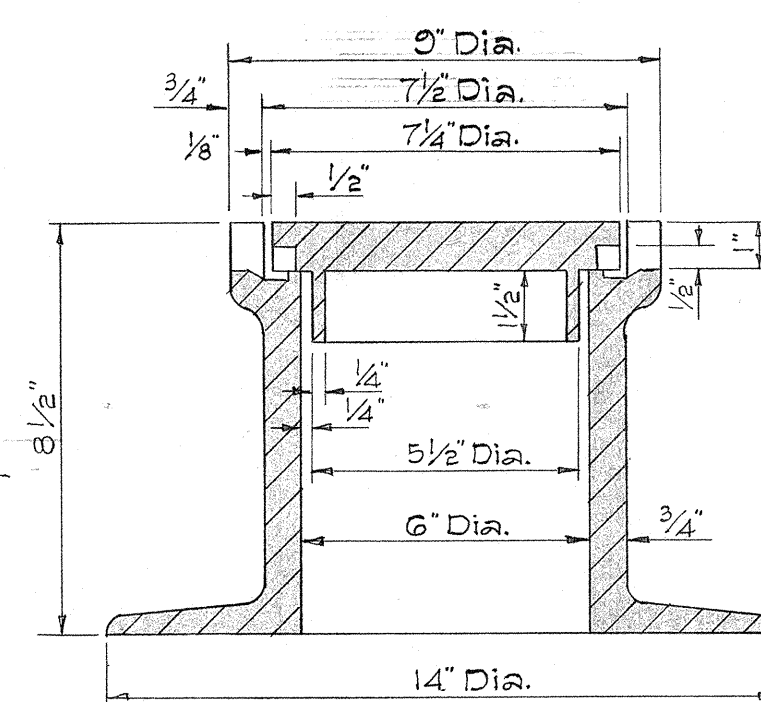
TOP VIEW OF COVER AND PORTION OF FRAME



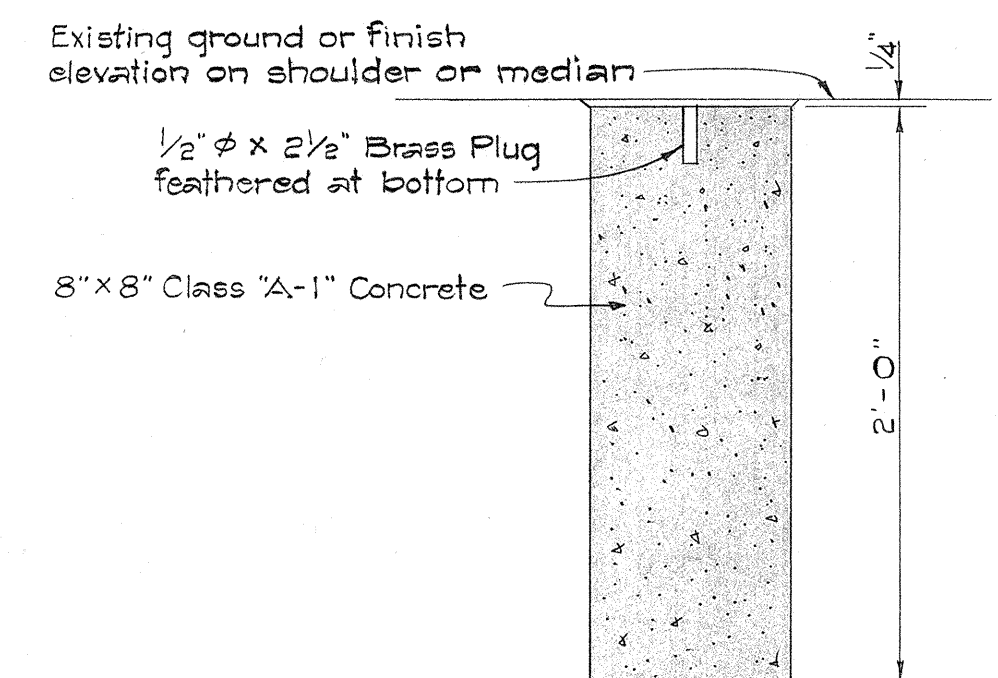
BOTTOM VIEW OF COVER

### STREET SURVEY MONUMENT CASTINGS

Scale: 3" = 1'-0"



SECTIONAL VIEW OF FRAME AND COVER



NOTE: Concrete footings for monuments shall be formed to a depth of 6" below finish ground elev. or precast concrete to size shown.

### DETAIL FOR CENTER LINE AND REFERENCE SURVEY MONUMENT

Scale: 1 1/2" = 1'-0"

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
**ROADWAY DETAIL PLAN**  
CHAIN LINK FENCE DETAILS  
AND MONUMENT DETAILS

INTERSTATE HIGHWAY H-1  
F.A.I. Proj. No. I-H1-1(18), Unit 2

Scale: As Shown Date: July, 1965

SHEET NO. 5 OF 6 SHEETS

