

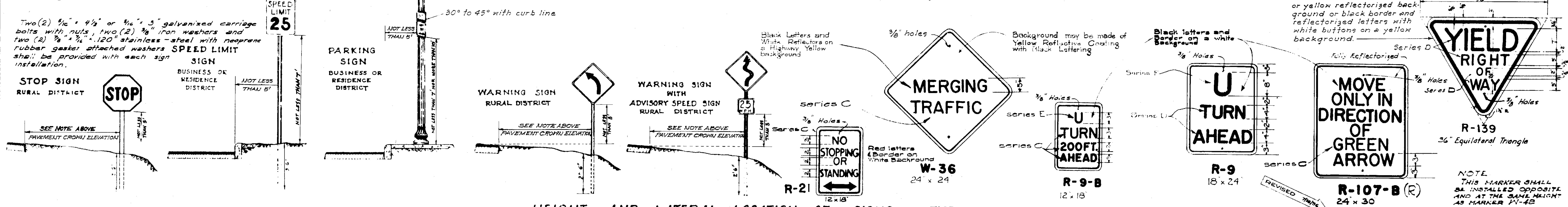
Revised:
2/17/50
4/6/59
4/28/59
7/30/59
12/22/59

NOTE:
Sign Posts shall be 3 galv std pipe for signs larger than 24" in any dimension and 2 galv std pipe for signs not over 24" in any dimension.
Two (2) 3/8" bolt holes drilled at location shown.

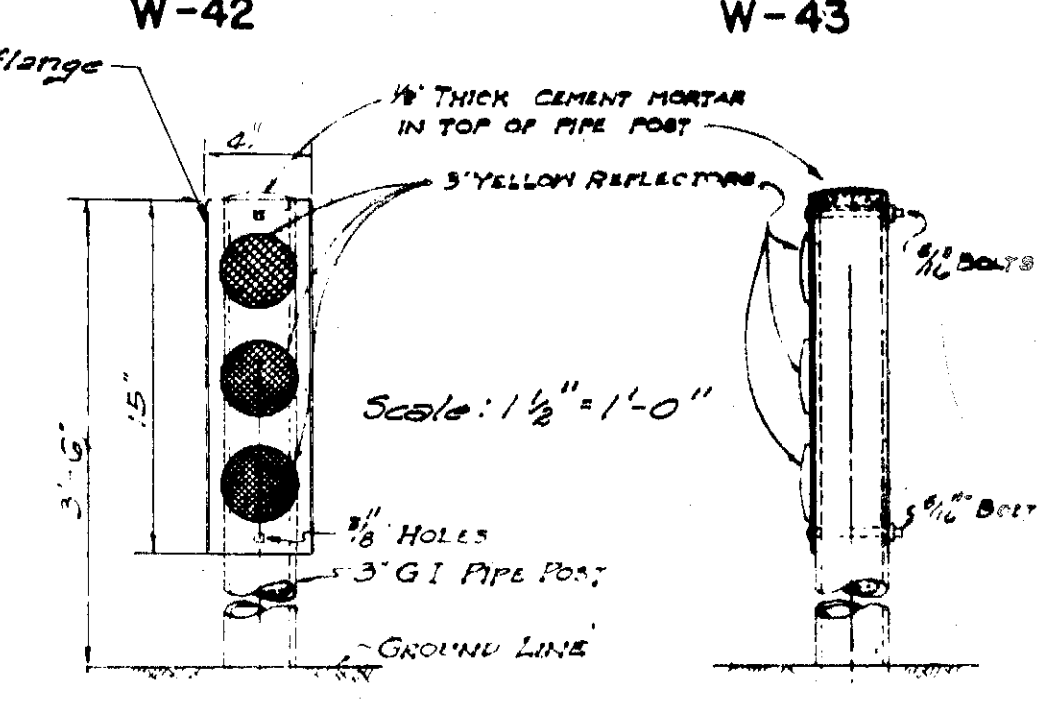
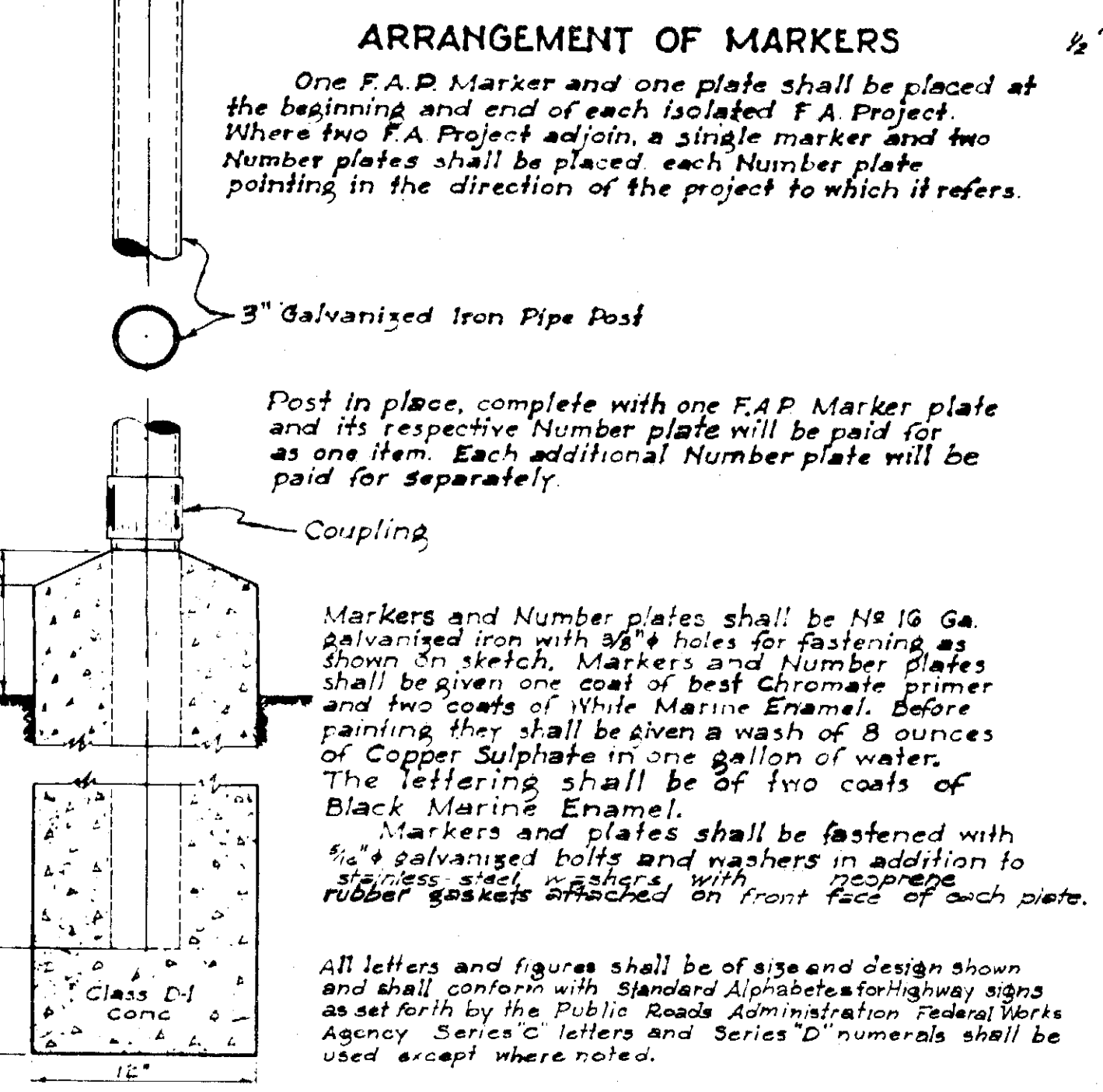
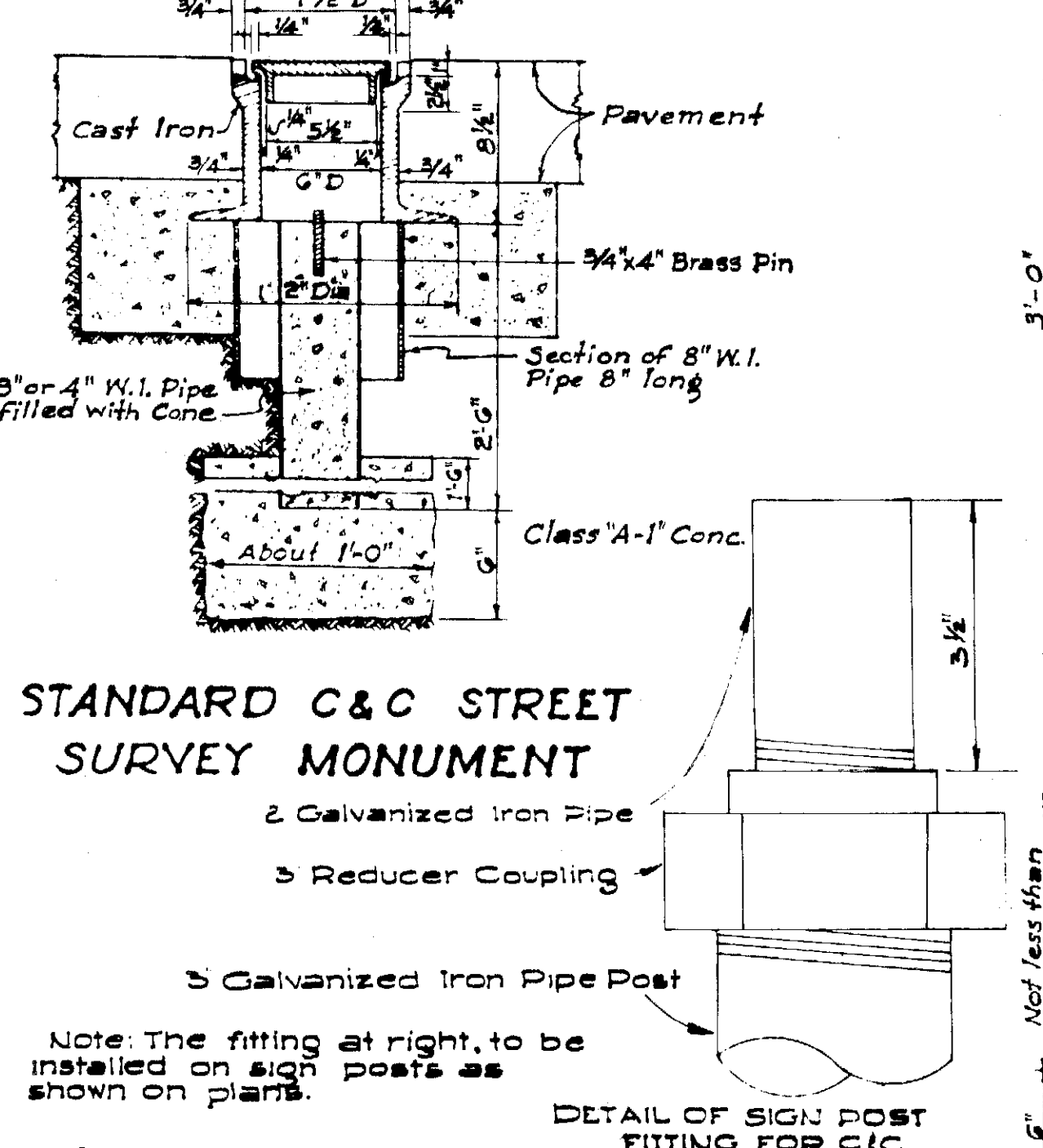
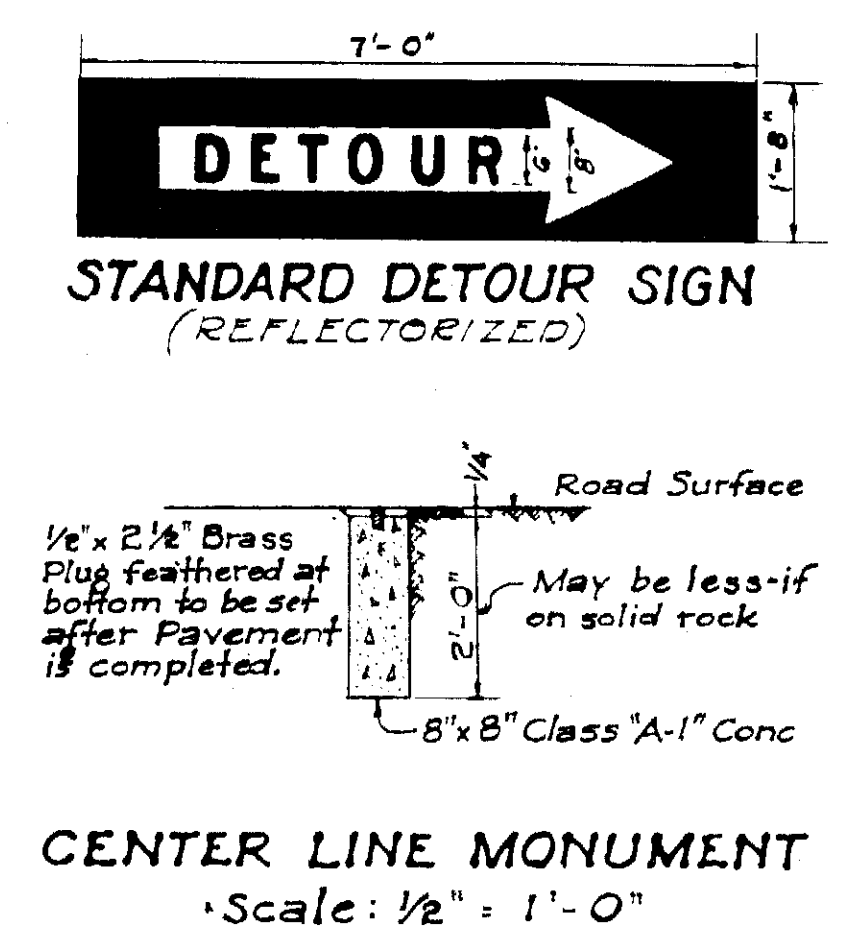
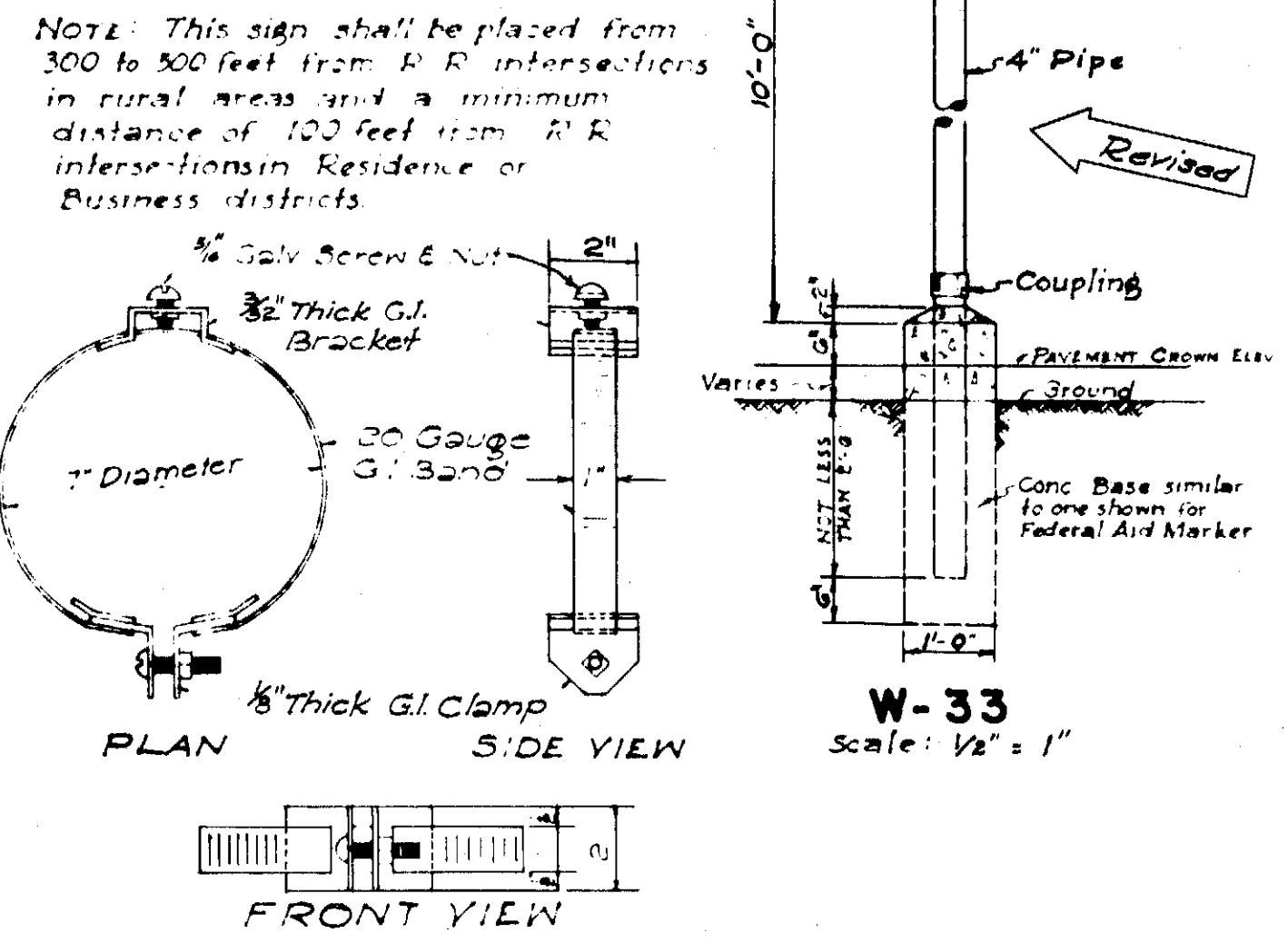
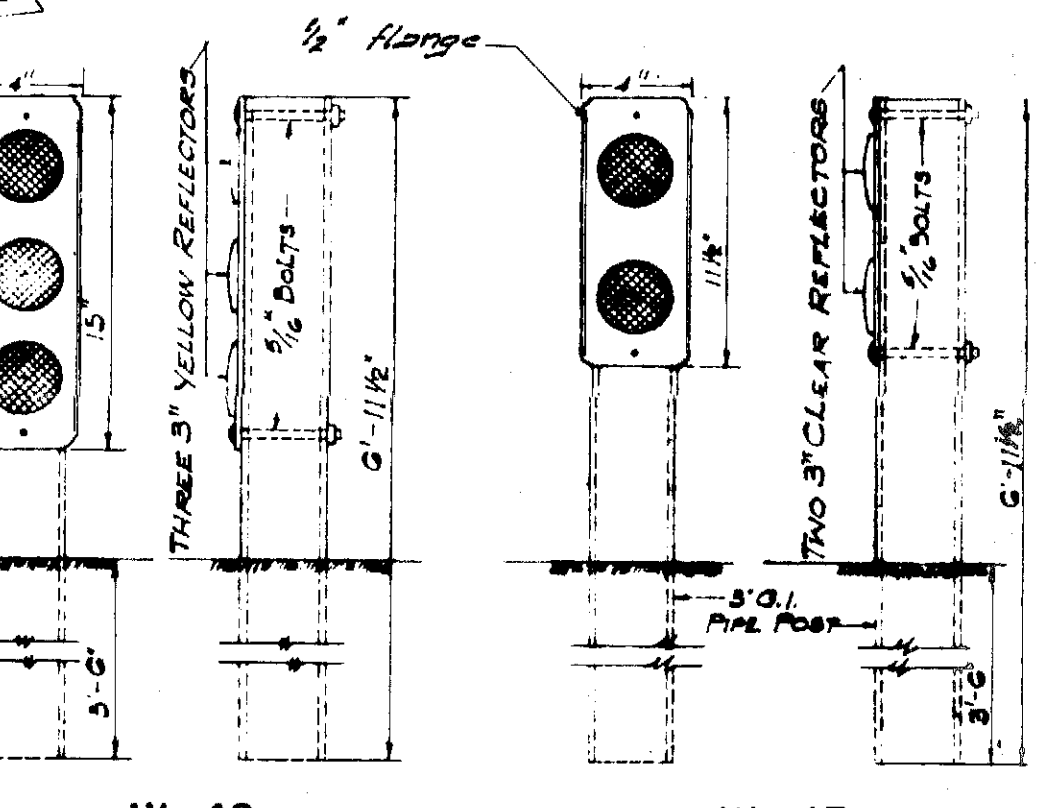
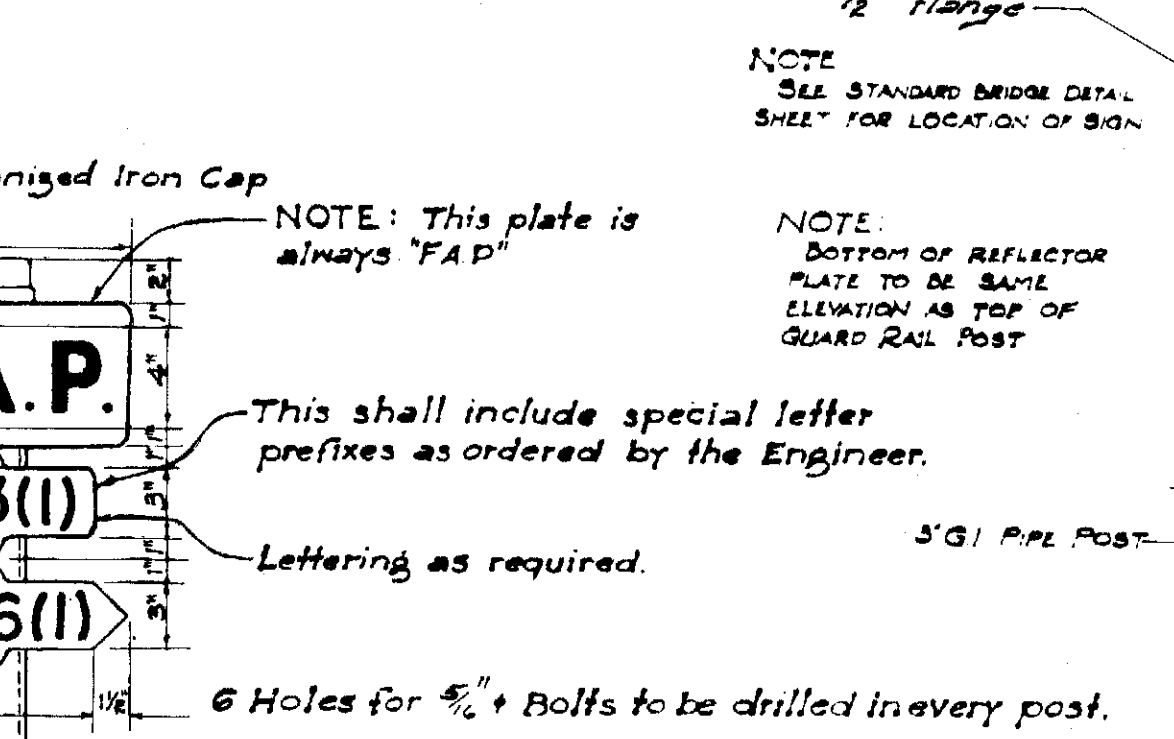
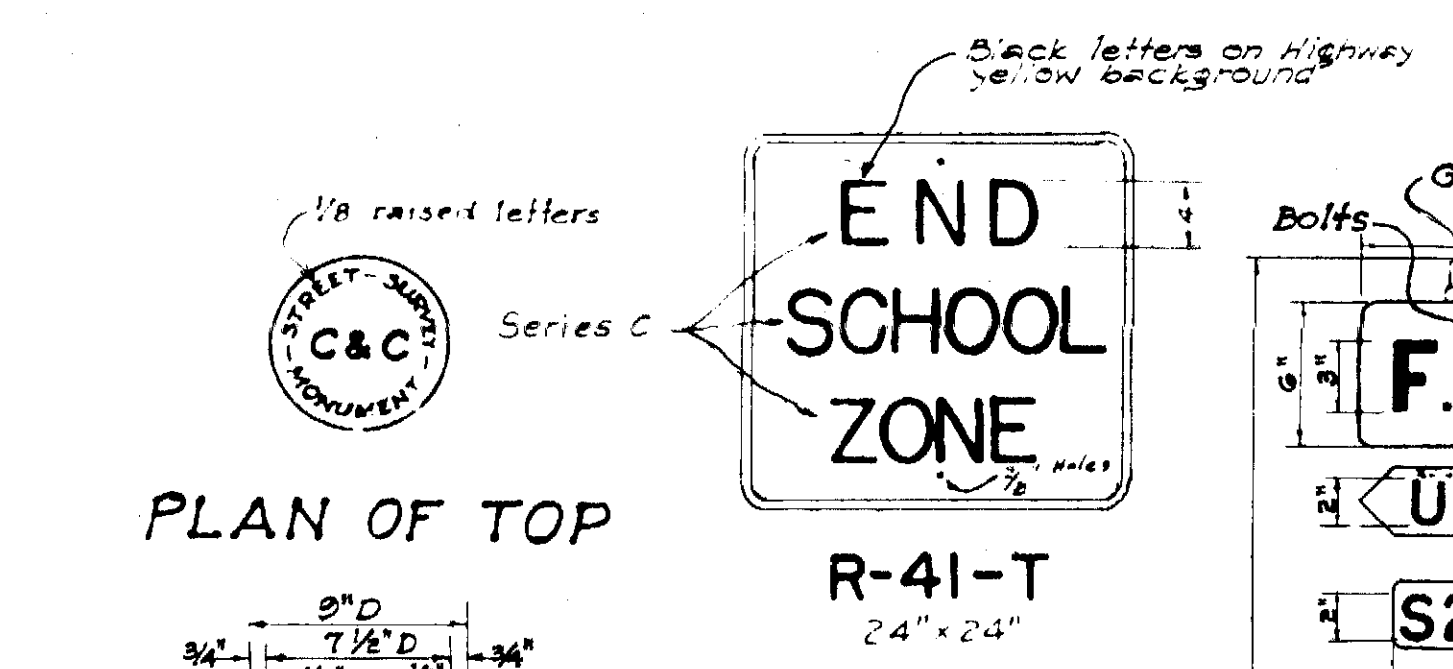
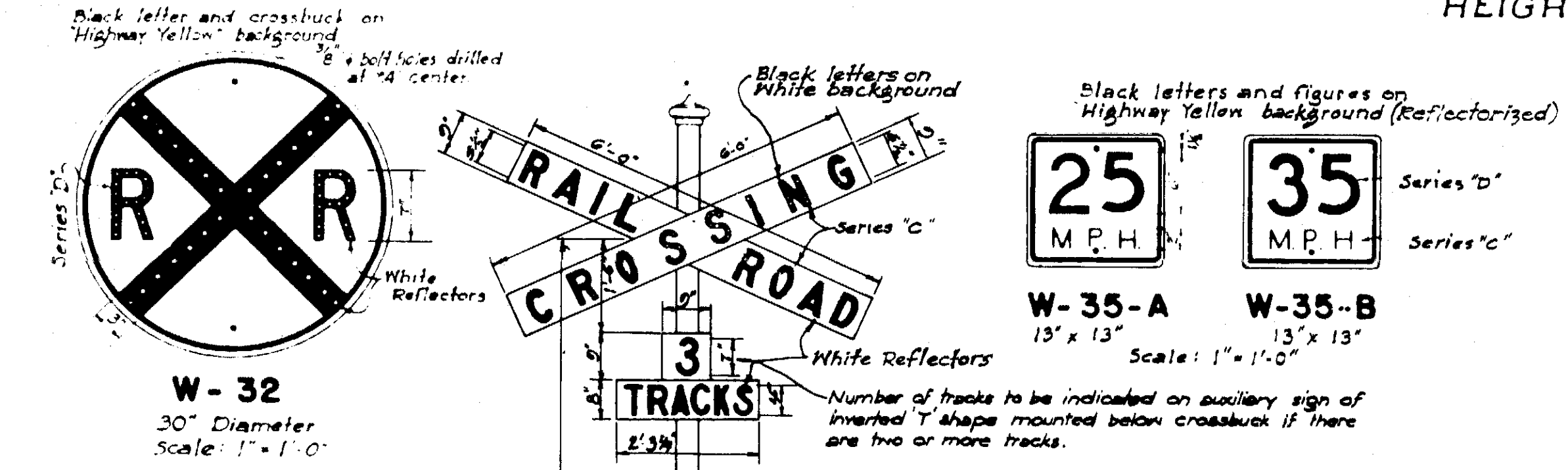
NOTE: All signs shall be placed 10' from edge of pavement except where the shoulder width is less than 10', in which case, signs shall be placed at the edge of shoulder.

Note: All Regulatory and Warning Signs shall have 3/8" bolt holes.

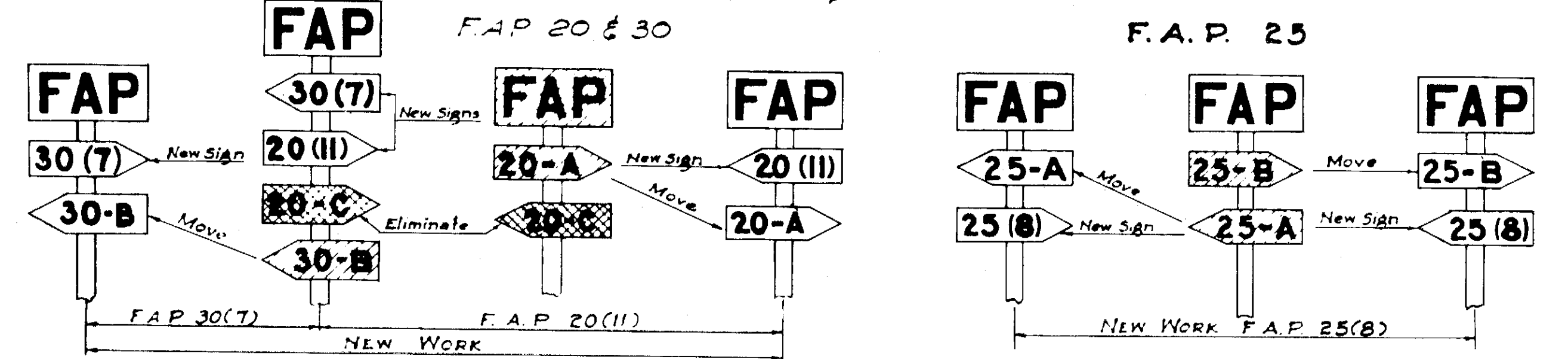
For R-139
Black border and letters or yellow reflectorized background or black border and reflectorized letters with white buttons on a yellow background.



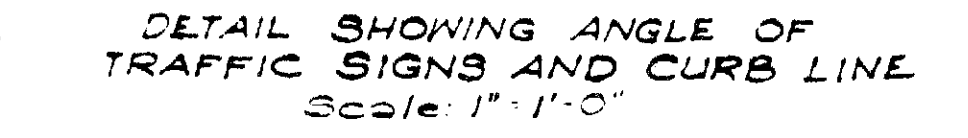
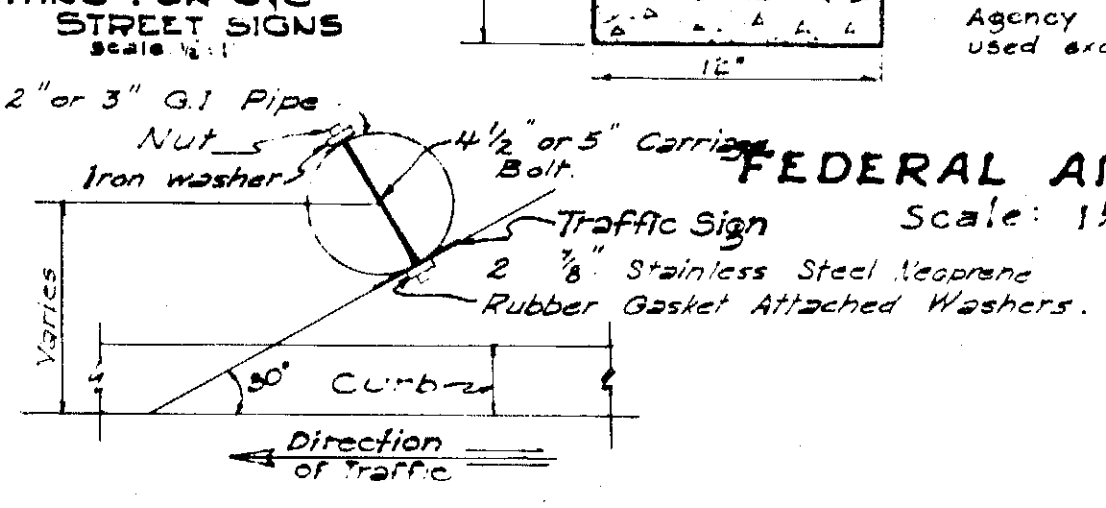
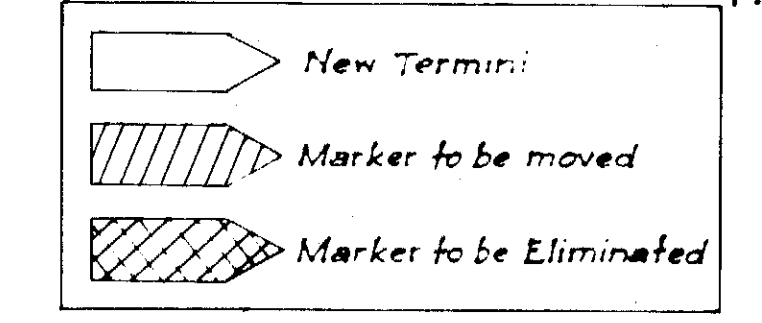
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS



ADJUSTABLE BAND BRACKET FOR SUPPORTING TRAFFIC SIGNS ON MONOTUBE LIGHTING STANDARDS
Scale: 3/8" = 1'-0"
This product to be as shown in Catalogue No. 48 of Calphate Corp. or equal.



NOTE: Federal Aid Markers should be placed at the termini of suffix designated sections. Intermediate letter designated markers of adjacent sections located within the limits of new improvements should be moved to the termini of the new work. The same procedure would be followed on each successive improvement until all markers for letter designated sections are eventually eliminated.

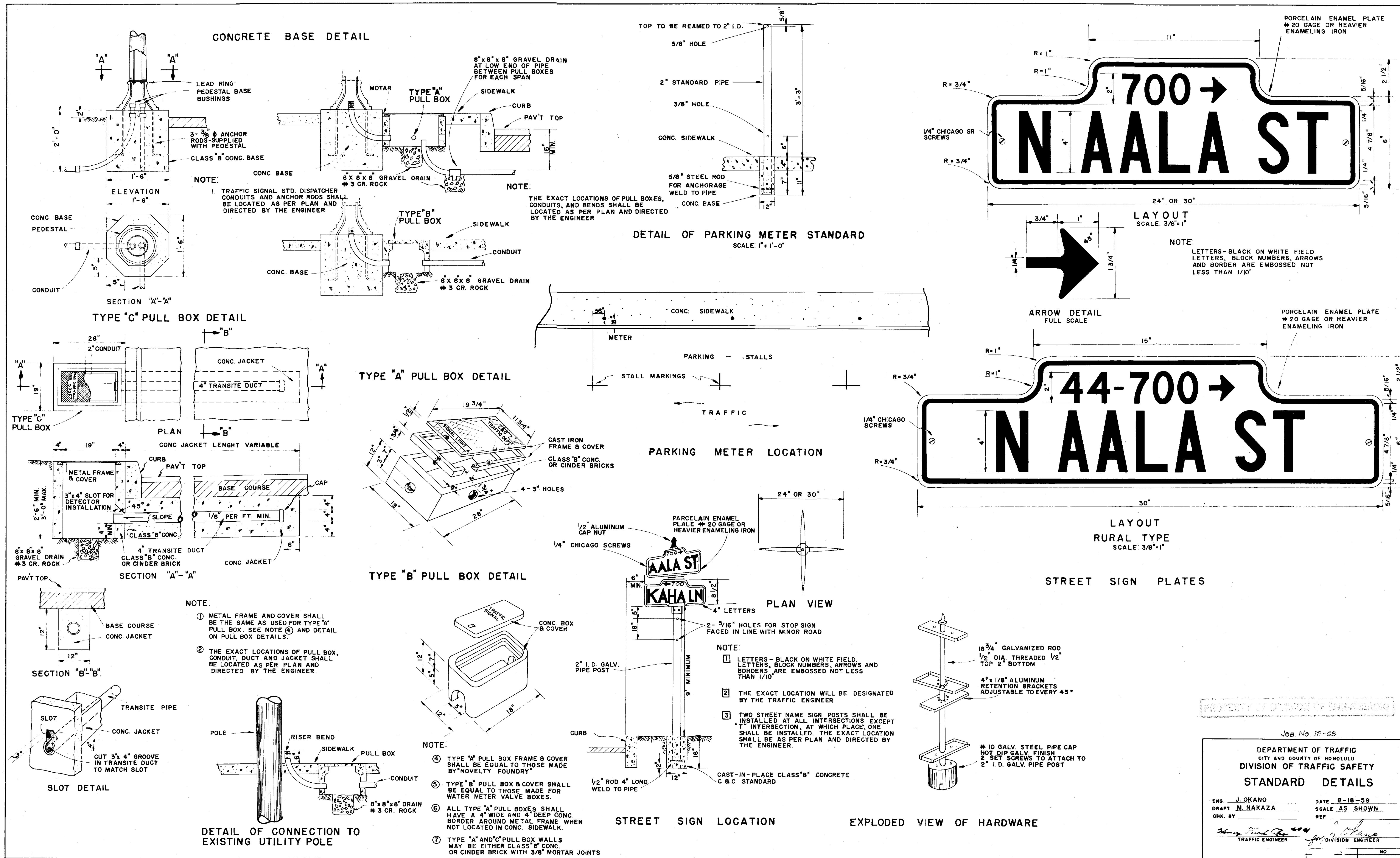


ELEVATION W-41 SECTION REFLECTOR MARKER
Note:
W-44: 3-3" yellow reflectors mounted on plate.
W-45: 2-3" clear reflectors mounted on plate.

Note:
The Reflective Marker Unit shall include 3-3" Stimsonite amber reflex reflectors or 2-3" Stimsonite clear reflex reflectors, housed in a heavy duty 5082-134 aluminum alloy, .060 gauge unit with a separate back plate attached with 4 vandal-resistant nuts. The housing shall be provided with a protective anodized coating.

PROPERTY OF DIVISION OF ENGINEERING
JUNE 12 1957 MAY 13 1958
JULY 16 1956

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII
STANDARD DETAILS
F.A. MARKERS, MONUMENTS
SIGNS & LOCATION OF SIGNS
SCALES AS NOTED



CONCRETE BASE DETAIL

TOP TO BE REAMED TO 2" I.D.

5/8" HOLE

2" STANDARD PIPE

3/8" HOLE

CONC. SIDEWALK

5/8" STEEL ROD FOR ANCHORAGE WELD TO PIPE

CONC. BASE

DETAIL OF PARKING METER STANDARD

SCALE: 1" = 1'-0"

PARKING METER LOCATION

PLAN VIEW

STREET SIGN PLATES

STREET SIGN LOCATION

EXPLODED VIEW OF HARDWARE

NOTE:

1. TRAFFIC SIGNAL STD. DISPATCHER CONDUITS AND ANCHOR RODS SHALL BE LOCATED AS PER PLAN AND DIRECTED BY THE ENGINEER

NOTE:

THE EXACT LOCATIONS OF PULL BOXES, CONDUITS, AND BENDS SHALL BE LOCATED AS PER PLAN AND DIRECTED BY THE ENGINEER

NOTE:

① METAL FRAME AND COVER SHALL BE THE SAME AS USED FOR TYPE "A" PULL BOX. SEE NOTE ④ AND DETAIL ON PULL BOX DETAILS.

② THE EXACT LOCATIONS OF PULL BOX, CONDUIT, DUCT AND JACKET SHALL BE LOCATED AS PER PLAN AND DIRECTED BY THE ENGINEER.

NOTE:

④ TYPE "A" PULL BOX FRAME & COVER SHALL BE EQUAL TO THOSE MADE BY "NOVELTY FOUNDRY"

⑤ TYPE "B" PULL BOX & COVER SHALL BE EQUAL TO THOSE MADE FOR WATER METER VALVE BOXES.

⑥ ALL TYPE "A" PULL BOXES SHALL HAVE A 4" WIDE AND 4" DEEP CONC. BORDER AROUND METAL FRAME WHEN NOT LOCATED IN CONC. SIDEWALK.

⑦ TYPE "A" AND "C" PULL BOX WALLS MAY BE EITHER CLASS "B" CONC. OR CINDER BRICK WITH 3/8" MORTAR JOINTS

PROPERTY OF DIVISION OF ENGINEERING

Job. No. 12-63

DEPARTMENT OF TRAFFIC
CITY AND COUNTY OF HONOLULU
DIVISION OF TRAFFIC SAFETY
STANDARD DETAILS

ENG. J. OKANO
DRAFT. M. NAKAZA
CHK. BY
DATE 8-18-59
SCALE AS SHOWN
REF.
TRAFFIC ENGINEER
DIVISION ENGINEER