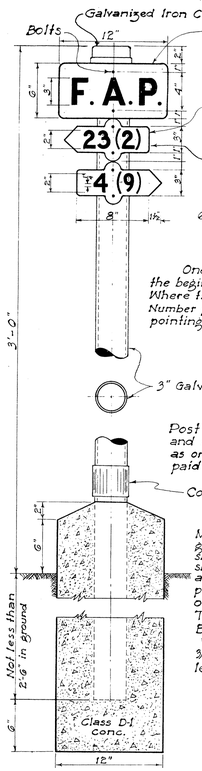
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | SDR 2(3) | 1952 | 3 | 4 |




6 Holes for 3/8"ϕ Bolts to be drilled in every post.

## ARRANGEMENT OF MARKERS

One F.A.P. Marker and one plate shall be placed at the beginning and end of each isolated F.A. Project. Where two F.A. Project adjoin, a single marker and two Number plates shall be placed, each Number plate pointing in the direction of the project to which it refers.

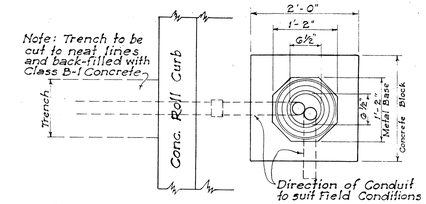
Post in place, complete with one F.A.P. Marker plate and its respective Number plate will be paid for as one item. Each additional Number plate will be paid for separately.

Markers and Number plates shall be Nº 16 Ga. galvanized iron with 3/8"ϕ holes for fastening as shown on sketch. Markers and Number plates shall be given one coat of best Chromate primer and two coats of White Marine Enamel. Before painting they shall be given a wash of 8 ounces of Copper Sulphate in one gallon of water. The lettering shall be of two coats of Black Marine Enamel.

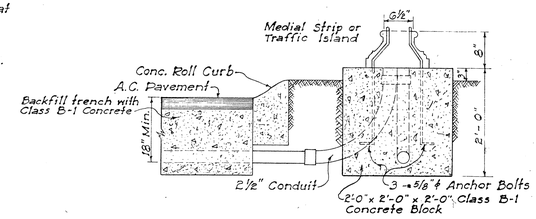
Markers and plates shall be fastened with 3/8"ϕ galvanized bolts and washers in addition to lead washers for both sides of each plate.

## FEDERAL AID MARKER

Scale: 1½" = 1'-0"



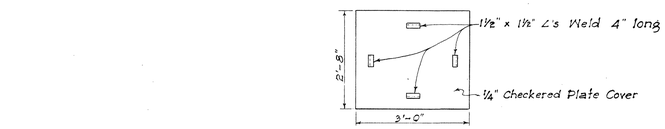

PLAN



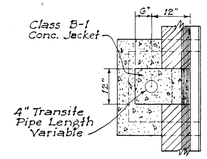

SECTION

NOTE: Unless otherwise specified, all concrete for base for Traffic Standards, Pull Boxes, Concrete Jackets for Transite Ducts shall be Class B-1 Concrete.

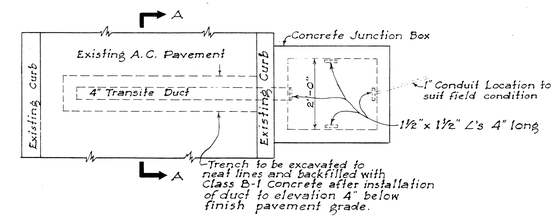
## DETAIL OF BASE FOR TRAFFIC STANDARD AND DISPATCHER PEDESTAL



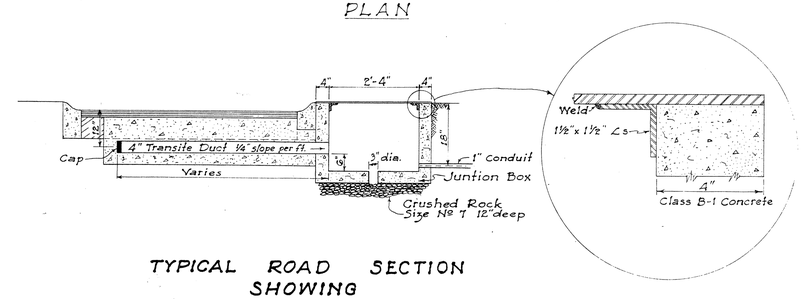

PLAN OF COVER PLATE



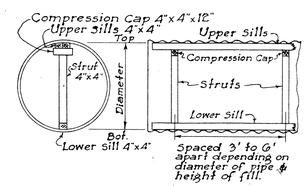

SECTION "A-A"




PLAN




## TYPICAL ROAD SECTION SHOWING TRAFFIC DETECTOR JUNCTION BOX AND DUCT

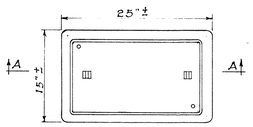



END VIEW — LONGITUDINAL SECTION

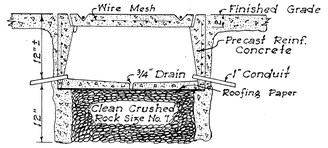
| Diameter of Pipe in inches | Length of Struts in inches | Spacing of Struts in ft. for Various Heights: FILL 1' to 5' | FILL 5' to 10' | FILL 10 to 20' | FILL 20 to 30' | FILL Over 30' |
|---|---|---|---|---|---|---|
| 48 | 38 3/8 | — | — | — | 6 | 4 |
| 54 | 44 3/4 | 6 | 6 | 6 | 6 | 4 |
| 60 | 51 | 6 | 6 | 6 | 6 | 4 |
| 66 | 57 1/4 | 6 | 6 | 6 | 6 | 4 |
| 72 | 63 5/8 | 6 | 6 | 6 | 5 | 3.5 |
| 78 | 69 7/8 | 6 | 6 | 6 | 4.5 | 3.5 |
| 84 | 76 1/4 | 6 | 6 | 6 | 4 | 3 |

NOTE: Length of Struts are based on 4"x4" timbers which is the minimum size recommended. If larger sills or compression caps are used, length of struts should be changed accordingly.

## STRUTTING DIAGRAM & TABLE FOR CORRUGATED METAL PIPE CULVERT




PLAN

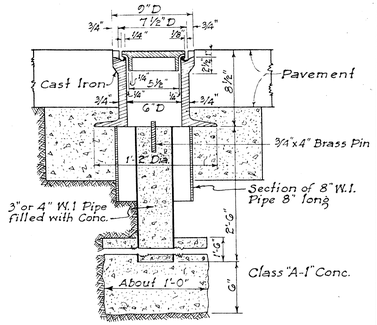



SECTION A-A

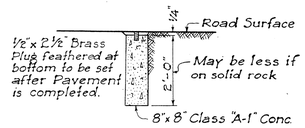
## DETAIL OF PULL BOX

Scale: 1" = 1'-0"

## PLAN OF TOP




## STANDARD C&C STREET SURVEY MONUMENT

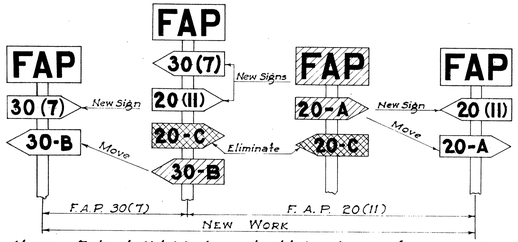



## CENTER LINE MONUMENT

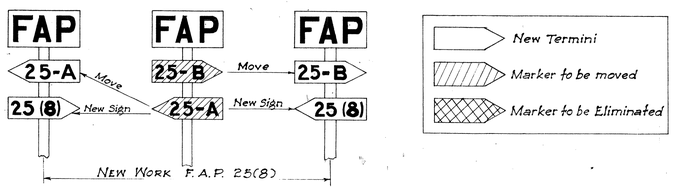
Scale: ½" = 1'-0"

## STANDARD DETOUR SIGN

## F.A.P. 20 & 30




## F.A.P. 25




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.

## METHOD OF MARKING F.A. PROJECTS AT OVERLAPS

(USING NUMBER SUFFIX ON NEW WORK)

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

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

# STANDARD DETAILS

SCALES AS NOTED — May 31, 1949

APPROVED: Territorial Highway Engineer

SHEET Nº OF SHEETS

5594.3