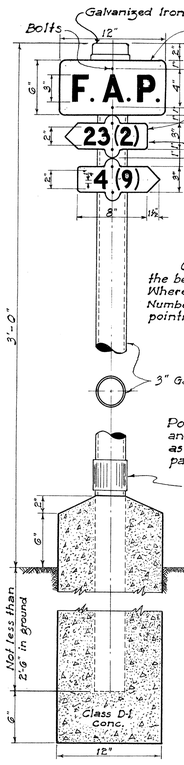
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	SDR 3(9)	1949	7	49

PER UNIT



ARRANGEMENT OF MARKERS

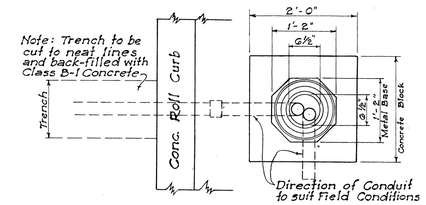
One F.A.P. Marker and one plate shall be placed at the beginning and end of each isolated F.A. Project. Where two F.A. Project adjoin, a single marker and two Number plates shall be placed, each Number plate pointing in the direction of the project to which it refers.

Markers and Number plates shall be № 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.

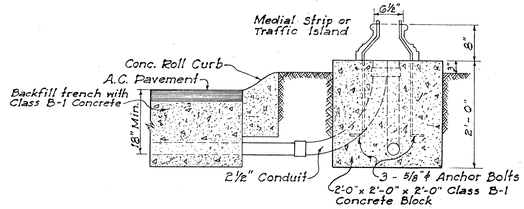
Markers and plates shall be fastened with 3/8"ϕ galvanized bolts and washers in addition to lead washers for both sides of each plate.

FEDERAL AID MARKER

Scale: 1½" = 1'-0"



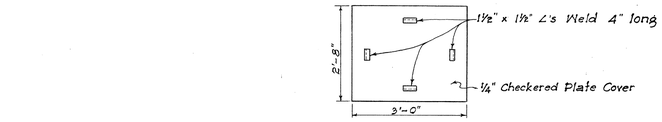
PLAN



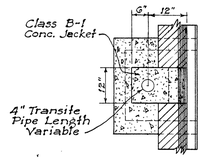
SECTION

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

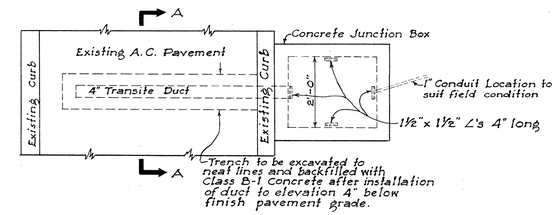
DETAIL OF BASE FOR TRAFFIC STANDARD AND DISPATCHER PEDESTAL



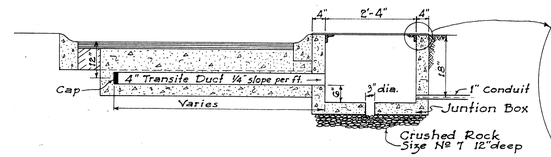
PLAN OF COVER PLATE

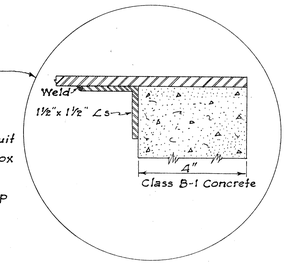


SECTION "A-A"



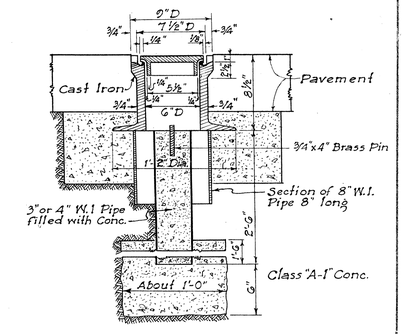
PLAN



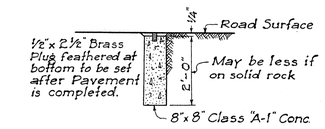


TYPICAL ROAD SECTION SHOWING TRAFFIC DETECTOR JUNCTION BOX AND DUCT

PLAN OF TOP

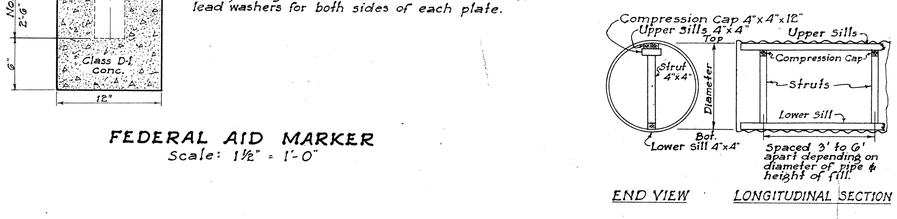


STANDARD C&C STREET SURVEY MONUMENT



CENTER LINE MONUMENT

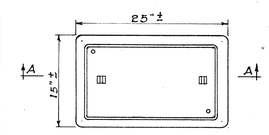
Scale: ½" = 1'-0"



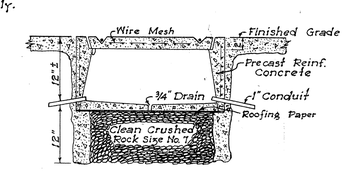
Diameter of Pipe in inches	Length of Struts in inches	Spacing of Struts in ft. for Various Heights				
		FILL 1' to 5'	FILL 5' to 10'	FILL 10 to 20'	FILL 20 to 30'	FILL Over 30'
48	38 3/8	—	—	—	6	4
54	44 3/4	6	6	6	6	4
60	51	6	6	6	6	4
66	57 1/4	6	6	6	6	4
72	63 5/8	6	6	6	5	3.5
78	69 7/8	6	6	6	4.5	3.5
84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

NOTE: Length of Struts are based on 4" x 4" 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



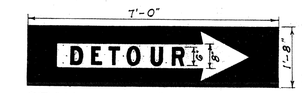
PLAN



SECTION A-A

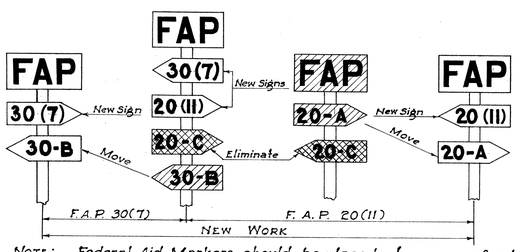
DETAIL OF PULL BOX

Scale: 1" = 1'-0"

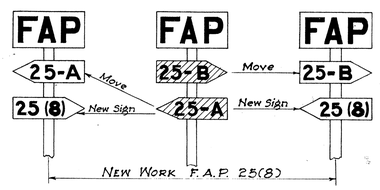


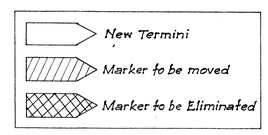
STANDARD DETOUR SIGN

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	DATE
	DESIGNED BY	"
	DRAWN BY "T. Tokunaga"	"
	TRACED BY	"
NOTE BOOK	QUANTITIES BY	"
No.	QUANTITIES CHECKED BY	"
	CHECKED BY	"

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

STANDARD DETAILS

SCALES: AS NOTED — May 31, 1949

APPROVED: ..... Territorial Highway Engineer

SHEET № OF SHEETS

5415.5