

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-037-1(19)	1994	19	30

TRAFFIC SIGN SUMMARY					
SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POST	W/O POST
R1-1	STOP	21			
R1-2	YIELD	2			
R2-1 (35)	SPEED LIMIT 35	1			
R2-1 (45)	SPEED LIMIT 45	10			
R2-5b(20)	REDUCED SPEED 20	2			
R2-5b (35)-A	REDUCED SPEED 35	1			
R4-1	DO NOT PASS	20			
R4-2	PASS WITH CARE	8			
R6-1 (R)	ONE WAY	1	1		
W1-2 (R)	 CURVE SIGN	1			
W2-1	 CROSS ROAD SIGN	9			
W2-2 (L) & (R)	 SIDE ROAD SIGN	19			
W11-2		6			
W11A-2		6			
W13-1(35)	35 MPH		2		
S1-1	 SCHOOL ADVANCE SIGN	2			
S2-1	 SCHOOL CROSSING SIGN	2			
S4-1	ON SCHOOL DAYS SIGN		5		
S4-3	SCHOOL SIGN		2		
S5-1	SCHOOL SPEED LIMIT(20) WHEN FLASHING	2			
TOTAL		113	10		

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS TYPE C	1400 EACH
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION 4-INCH PAVEMENT STRIPE (WHITE) 8-INCH PAVEMENT STRIPE (WHITE)	49350 L. F. 7010 L. F.

OBJECT MARKER SUMMARY		
TYPE	QUANTITY	
	W/POST	W/O POST *
TYPE II OBJECT MARKER W/FLEXIBLE POST	16	
TYPE II OBJECT MARKER		30
TOTAL	16	30

* Contractor shall install object markers on all trees and utility poles that are within the State Highway right-of-way.

REFLECTOR MARKER SUMMARY			
TYPE	QUANTITY		
	W/ STEEL POST		W/O POST
	Yellow	White	
RM-3	155	65	110
RM-4	8		

ORIGINAL PLAN	SURVEY PLOTTED BY DATE
NOTED BOOK	DESIGNED BY
QUANTITIES BY	CHECKED BY
DATE	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGN SUMMARY

KULA HIGHWAY
GUARDRAIL & SHOULDER IMPROVEMENTS
VicInthy of Kekaulike Ave. to Lower Kula Rd.
Fed. Aid Proj. No. STP-037-1(19)

Date: July, 1993

SHEET No. 1 OF 2 SHEETS

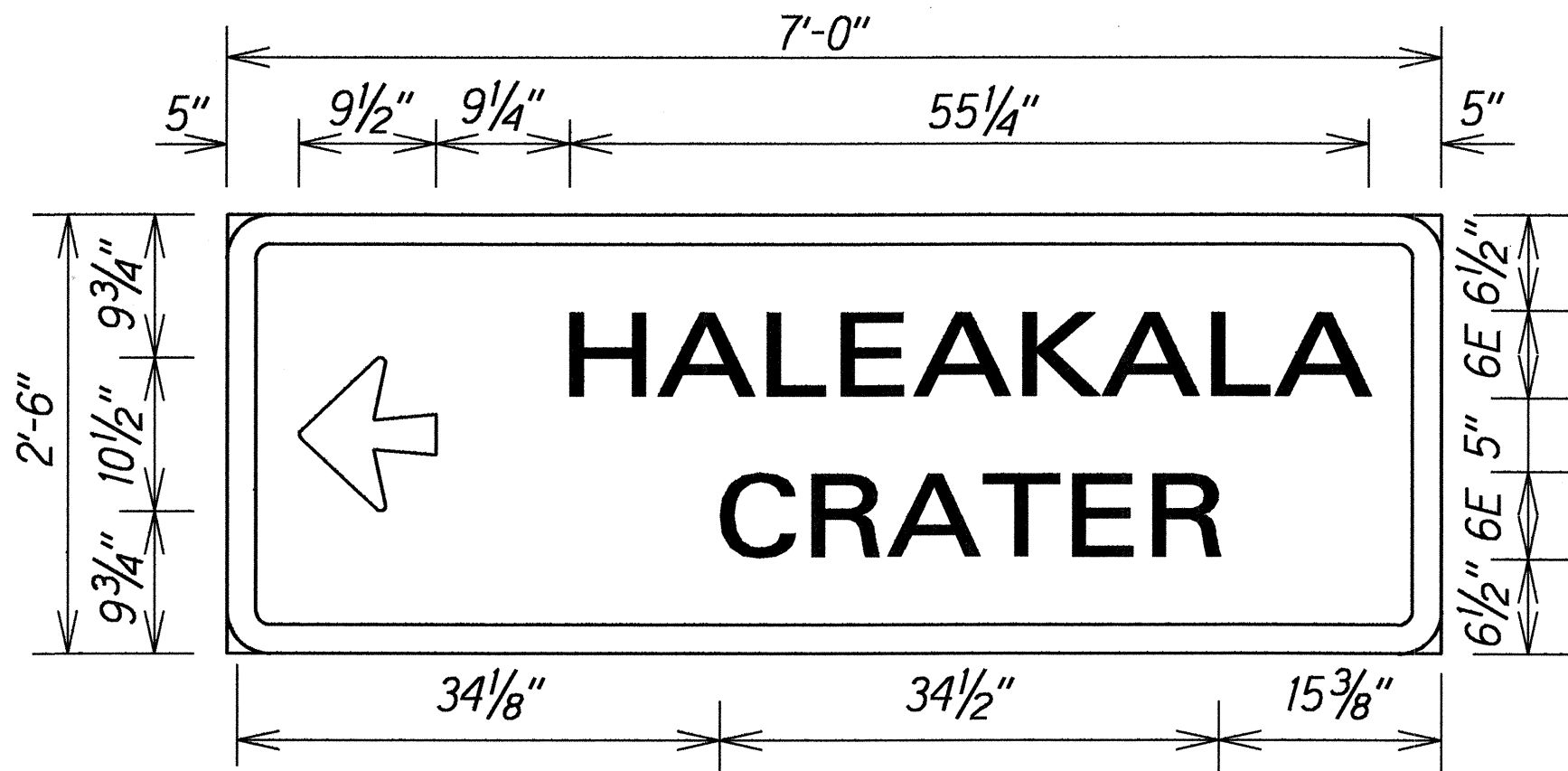
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-037-1(19)	1994	20	30

MILE POST MARKERS AND SUMMARY		
MILE POST NO.	LOCATION	QUANTITY W/ SUPPLEMENTAL ROUTE NO. PLATE (BI-DIRECTIONAL W/POST)
14	Sta. 1+50 Lt.	1
13	Sta. 54+30 Lt.	1
12	Sta. 107+10 Lt.	1
11	Sta. 159+90 Lt.	1
10	Sta. 212+70 Lt.	1
9	Sta. 265+50 Lt.	1
TOTAL		6

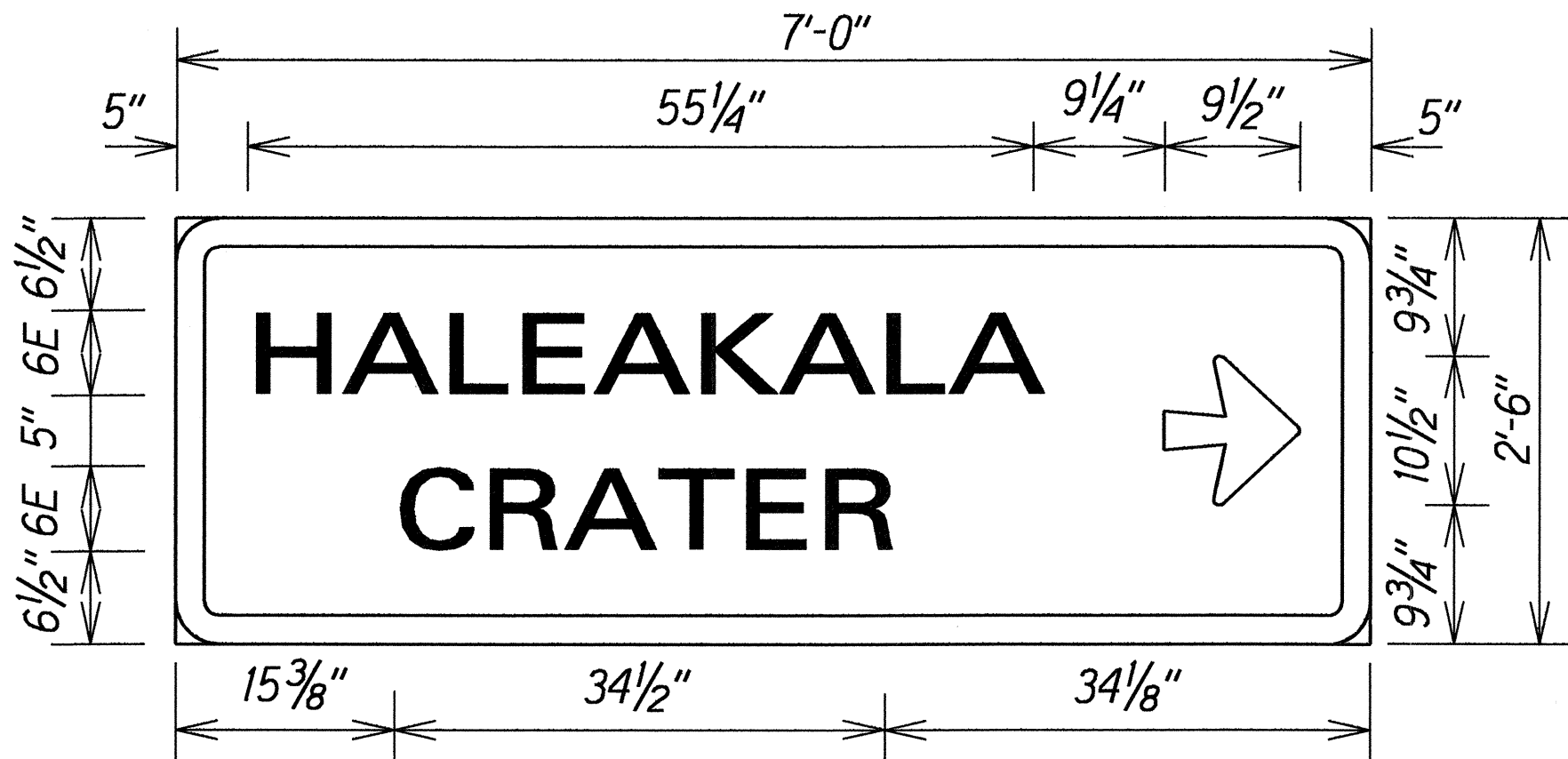
CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POST	W/O POST
CW20-1d	Kula Hwy. Sta. 282+00± Lt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Kula Hwy. Sta. 282+00± Rt.	END CONSTRUCTION	1	
CW20-1d	Kula Hwy. Sta. 5+00 Rt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Kula Hwy. Sta. 5+00 Lt.	END CONSTRUCTION	1	
TOTAL			4	

ROUTE MARKER SUMMARY					
SIGN ASSEMBLY	SIGN NO. AND MESSAGE	TYPE A ASSEMBLY		TYPE B ASSEMBLY	
		W/POST	W/O POST	W/POST	W/O POST
SRM-1	 M3-1  MI-6(37)	3			
SRM-2	 M3-3  MI-6(37)	3			
SRM-3	M3-1  M3-2 MI-6(37)  MI-6(377) M6-3  M6-1				
SRM-4	M3-2  M3-3 MI-6(377)  MI-6(37) M6-1(L)  M6-3			1	
SRM-5	 M2-1  MI-6(377)	2		1	
TOTAL		8		2	

DESTINATION SIGN SUMMARY					
SIGN NO.	LOCATION	MESSAGE	SIZE	NEW PANEL AREA (SQ. FT.)	
				W/O POST	W/POSTS
D-1	Sta. 7+00 Lt.	↰ HALEAKALA CRATER	2'-6"x7'-0"		17.50
D-2	Sta. 1+00 Rt.	HALEAKALA CRATER ➡	2'-6"x7'-0"		17.50
TOTAL					35.00



D-1
STA. 7+00 Lt.
Use 2-4 LBS./Ft. Flanged Channel Post
Not to Scale



D-2
STA. 1+00 Rt.
Use 2-4 LBS./Ft. Flanged Channel Post
Not to Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY J. Guerra	July 1993
QUANTITIES BY	DESIGNED BY C. Ragsdale	
CHECKED BY		

HWY-7 Dr. George Tanaka (E. Isobe), Rev. 5/94

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
MISCELLANEOUS SUMMARIES
KULA HIGHWAY GUARDRAIL & SHOULDER IMPROVEMENTS Vicinity of Kekaulike Ave. to Lower Kula Rd. Fed. Aid Proj. No. STP-037-1(19)
Date: July, 1993
SHEET No. 2 OF 2 SHEETS