

ORIGINAL PLAN
DATE: May 1995
SURVEY PLOTTED BY: J. Gualtano
DRAWN BY: J. Gualtano
NOTED BY: J. Gualtano
DESIGNED BY: C. B. B. B. B.
CHECKED BY: J. Gualtano

TRAFFIC SIGN SUMMARY					
SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POSTS	W/O POSTS
R1-1	STOP	25			
R2-1(15)	SPEED LIMIT 15	1			
R2-1(25)	SPEED LIMIT 25	1			
R2-1(35)	SPEED LIMIT 35	5	3		
R2-1(45)	SPEED LIMIT 45	2			
R2-5b(15)	REDUCED SPEED 15	1			
R2-5b(25)	REDUCED SPEED 25	1			
R4-1	DO NOT PASS	8			
R4-2	PASS WITH CARE	4			
R15-1	UNLAWFUL TO LITTER \$500 FINE	6			
R16-1d	BUCKLE UP ITS THE LAW	2			
R7-1	NO PARKING ANYTIME ↔	4			
W1-1	↗	1			
W1-2	↗ ↘ CURVE SIGN	7			
W1-5 Rt. & Lt.	↗ ↘	4			
W2-1	⊕ CROSS ROAD SIGN	7	2		
W2-2	⊕ ↘	11	6		
W5-2	NARROW BRIDGE	2	1		
W13-1(15)	15 MPH		2		
W13-1(25)	25 MPH		2		
W13-1(35)	35 MPH		2		
W20-1	NARROW WINDING ROAD NEXT 30 MILES	1			
	ALL BRIDGE WEIGHT LIMIT 10 TONS	1			
TOTAL		94	18		

ROUTE MARKER SUMMARY				
LOCATION	SIGN NO. AND MESSAGE		TYPE A ASSEMBLY	
			W/POST	W/O POST
Ⓜ Sta. 136+00 Rt.	D10-2 MILE 13 D10-7 36		1	1
Ⓜ Sta. 28+80 Rt.	D10-2 MILE 14 D10-7 36		1	1
Ⓜ Sta. 80+00 Rt.	D10-2 MILE 15 D10-7 36		1	1
Ⓜ Sta. 134+40 Rt.	D10-2 MILE 16 D10-7 36		1	1
Ⓜ Sta. 8+50 Rt.	D10-1 MILE 0 D10-7 360		1	1
Ⓜ Sta. 230+80 Rt.	D10-1 MILE 1 D10-7 360		1	1
Ⓜ Sta. 10+00 Rt.	D10-1 MILE 3 D10-7 360		1	1
Ⓜ Sta. 59+50 Rt.	D10-1 MILE 4 D10-7 360		1	1
	TOTAL		8	8

REFLECTOR MARKER SUMMARY		
TYPE	QUANTITY	
	W/STEEL POST	W/FLEXIBLE POST
RM-2		65
RM-3	125	
RM-4	8	
Total	133	65

PAVEMENT MARKING SUMMARY	
DESCRIPTION	QUANTITY
PAVEMENT MARKERS	
TYPE C _____	1,850 EA.
TYPE D _____	1,700 EA.
TYPE H _____	80 EA.
TYPE J _____	550 EA.
THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (YELLOW) _____	2,900 L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	29,800 L.F.
THERMOPLASTIC EXTRUSION	
4-INCH PAVEMENT STRIPE (WHITE) _____	64,000 L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	7,000 L.F.
THERMOPLASTIC EXTRUSION	
12-INCH PAVEMENT STRIPE (WHITE) _____	200 L.F.

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POSTS	W/O POST
CW20-1d	Hana Hwy. Sta. 116+50± Rt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Hana Hwy. Sta. 116+50± Lt.	END CONSTRUCTION	1	
CW20-1d	Hana Hwy. Sta. 31+50± Lt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Hana Hwy. Sta. 31+50± Rt.	END CONSTRUCTION	1	
TOTAL			4	

OBJECT MARKER SUMMARY		
TYPE	QUANTITY	
	W/FLEXIBLE POST	W/O POST*
TYPE II OBJECT MARKER	4	50
TOTAL	4	50

*CONTRACTOR SHALL INSTALL OBJECT MARKERS ON ALL TREES AND UTILITY POLES THAT ARE WITHIN THE STATE HIGHWAY RIGHT-OF-WAY. REF. TE-17 OF STANDARD PLANS.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(39)	1995	49	51

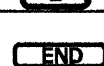
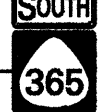
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Valley Isle Memorial Cemetery to Huelo
Fed. Aid Project No. STP-0900(39)

Date: May, 1995

SHEET No. 1 OF 2 SHEETS

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	 M3-2 M1-6(36)  M6-3	1			
SRM-2	 M3-4 M1-6(36)  M6-3	2			
SRM-3	 M4-6 M1-6(36)	1			
SRM-4	 M4-6 M1-6(360)	1			
SRM-5	 M2-1 M1-6(365)	2			
SRM-6	 M3-2 M1-6(360)  M6-3	2			
SRM-7	 M3-4 M1-6(360)  M6-3	2			
SRM-8	M3-2  M3-3 M1-6(360)  M1-6(365) M6-3  M6-1			1	
SRM-9	M3-3  M3-4 M1-6(365)  M1-6(36) M6-1  M6-3			1	
SRM-10	M3-4  M3-2 M1-6(36)  M1-6(360) M6-1  M6-1			1	
TOTAL		11		3	

ADVANCE STREET NAME SIGN SUMMARY			
LOCATION	MESSAGE	NO. OF SIGN (EACH)	
		W/POST	W/O POST
Sta. 22+00 Rt.	OILI RD.		1
Sta. 25+80 Lt.	OILI RD.		1
Sta. 51+80 Rt.	ULUMALU RD.		1
Sta. 57+25 Lt.	ULUMALU RD.		1
Sta. 4+00 Rt.	KAUPAKALUA RD.		1
Sta. 9+75 Lt.	KAUPAKALUA RD.		1
TOTAL			6

CENTERLINE & REFERENCE SURVEY MONUMENT SUMMARY		
LOCATION	O/S	QUANTITY
Sta. 121+49.45	Baseline P.T.	1
Sta. 134+63.58	Baseline P.C.	1
Sta. 142+00	Baseline	1
Sta. 148+83.58	Baseline P.T.	1
Sta. 159+00	Peahi Rd.	1
Sta. 162+84.19	Baseline T.S.	1
Sta. 164+34.19 BK/ 3+34.19 AH	Baseline Eq. Sta.	1
Sta. 16+93.80	Baseline S.T.	1
Sta. 21+14.04	Baseline P.C.	1
Sta. 42+18.16 BK/ 42+45.52 AH	Baseline Eq. Sta.	1
Sta. 43+44.92	Baseline T.S.	1
Sta. 58+13.36	Baseline S.T.	1
Sta. 58+84.94	Baseline T.S.	1
Sta. 75+56.76	Baseline S.T.	1
Sta. 76+77.95	Baseline T.S.	1
Sta. 84+00	Baseline	1
Sta. 92+16.28	Baseline S.T.	1
Sta. 98+61.91	Baseline P.C.	1
Sta. 103+88.40 BK/ 103+83.76 AH	Baseline P.T. Eq. Sta.	1
Sta. 111+75.82	Baseline P.C.	1
Sta. 118+00.40	Baseline P.T.	1
Sta. 123+25.96	Baseline P.C.	1
Sta. 129+45.29	Baseline P.T.	1
Sta. 130+87.80	Baseline T.S.	1
Sta. 137+15.09	Baseline S.T.	1
Sta. 137+21.46/0+00	Baseline T.S.	1
Sta. 0+83.43	On Tangent Line	1
Sta. 2+50	Baseline S.C.	1
Sta. 8+00	Baseline C.S.	1
Sta. 9+66.57	On Tangent Line	1
Sta. 11+00	Baseline	1
Sta. 12+00	Baseline S.C.	1
Sta. 13+30	Baseline C.S.	1
Sta. 14+30	Baseline	1
Sta. 15+93.01	On Tangent Line	1
Sta. 17+59.48	Baseline S.C.	1
Sta. 17+96.98	Baseline C.S.	1
Sta. 19+63.45	On Tangent Line	1
Sta. 21+47.10	On Tangent Line	1
Sta. 23+13.57	Baseline S.C.	1
Sta. 26+76.07	Baseline P.C.C.	1
Sta. 30+86.07	Baseline P.C.C.	1
Sta. 33+92.32	Baseline C.S.	1
SUBTOTAL		43

CENTERLINE & REFERENCE SURVEY MONUMENT SUMMARY		
LOCATION	O/S	QUANTITY
Sta. 35+58.79	On Tangent Line	1
Sta. 42+51.08	On Tangent Line	1
Sta. 43+84.40	Baseline S.C.	1
Sta. 45+52.74	Baseline C.S.	1
Sta. 46+86.06	On Tangent Line	1
Sta. 253+27.77	Baseline P.C.	1
Sta. 267+57.77	Baseline P.T.	1
Sta. 268+69.97	Baseline P.C.	1
Sta. 276+64.41	Baseline P.T.	1
Sta. 300+07.47 BK/ 300+24.57 AH	Baseline P.C. Eq. Sta.	1
Sta. 310+06.79 BK/ 309+15.74 AH	Baseline P.T. Eq. Sta.	1
Sta. 317+75.92	Baseline T.S.	1
Sta. 320+25.92	Baseline S.C.	1
Sta. 321+14.97	Baseline C.S.	1
Sta. 323+64.97	Baseline S.T.	1
Sta. 325+50/0+00	Baseline	1
Subtotal		16
Subtotal		43
TOTAL		59

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HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

HANA HIGHWAY RESURFACING
Valley Isle Memorial Cemetery to Huelo
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SHEET No. 2 OF 2 SHEETS