

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	311A-02-93	1993	10	12

TRAFFIC SIGN SUMMARY					
LOCATION	SIGN NO.	MESSAGE	QUANTITY		REMARKS
			10 SQ. FT. OR LESS		
			W/POST	W/O POST	
PUUNENE AVENUE					
Sta. 99+00 Lt.	R16.1A	BUCKLE UP IT'S THE LAW	1		Replace & Relocate
Sta. 99+60 Lt.	R3.38	LANE USE CONTROL SIGNS 	1		Replace & Relocate
Sta. 100+00 Lt.	I-5	AIRPLANE SYMBOL, ←	1	1	Replace
Sta. 100+00 Rt.	R2-1 (30)	SPEED LIMIT 30	1		Replace
Sta. 101+25 Lt.	W3-3	SIGNAL AHEAD	1		Replace
Sta. 124+00 Rt.	R3-40	LANE USE CONTROL SIGNS 	1		Install
Sta. 126+40 Rt.		HVB, SUGAR MUSEUM	1		Relocate
Sta. 126+50 Lt.	R2-1 (30)	SPEED LIMIT 30	1		Relocate
Sta. 127+20 Lt.		ADOPT A HIGHWAY LITTER CONTROL	1		Relocate
Sta. 127+60 Lt.	R1-2	YIELD	1		Replace
Sta. 127+80 Lt.	R1-1	STOP	1		Replace
Sta. 128+40 Rt.	R1-1	STOP	1		Replace
Sta. 128+50 Lt.	R1-2	YIELD	1		Replace
Sta. 129+00 Lt.	R3-37	LANE USE CONTROL 	1		Replace
Sta. 129+40 Rt.	S3-1	SCHOOL BUS STOP	1		Replace
Sta. 130+60 Lt.	R3-37	LANE USE CONTROL 	1		Replace
Sta. 131+25 Lt.		YIELD	1		Replace
Sta. 131+60 Lt. - Sta. 132+00 Lt.	W1-8	CHEVRON 	1		Replace
TOTAL			18	1	

INSTALLATION OF PAVEMENT MARKING AND SUMMARY										
LOCATION	Q U A N T I T Y									
	4-Inch Pavement Striping (Tape-Type I or Thermoplastic Extrusion)	4-Inch Pavement /striping (Tape-Type II or Thermoplastic Extrusion)	8-Inch Pavement Striping (Tape-Type I or Thermoplastic Extrusion)	8-Inch Pavement Striping (Tape or Type II or Thermoplastic Extrusion)	12-Inch Pavement Striping (Tape-Type II or Thermoplastic Extrusion)	Double 4-Inch Striping (Tape Type I or Thermoplastic Extrusion)	Type "CL" Raised Pavement Pav't. Markers @ 40' -00" O.C.	Type "DL" Raised Pavement Markers @ 20' -00" O.C.	Type "HL" Raised Pavement Markers @ 40' -00" O.C.	Type "J" Raised Markers @ 40' -00" O.C.
A. PUUNENE AVENUE										
Sta. 96+20+ - Sta. 132+50+		7350 LF					176 EA			
Sta. 96+20 - Sta. 99+20 (Median)	400 LF		160 LF		100 LF	300 LF	15 EA		15 EA	
Sta. 96+20 - Sta. 125+00						2,880 LF		145 EA		
Sta. 125+00 - Sta. 127+85 (Median)	80 LF		60 LF		100 LF	260 LF	4 EA	5 EA	20 EA	
Sta. 128+50 - Sta. 131+00 (Median)	200 LF		80 LF		150 LF	400 LF	10 EA		20 EA	
Sta. 131+00-Sta. 132+50+(Painted Island)			200 LF		150 LF		20 EA			
TOTAL	680 LF	7350 LF	500 LF		500 LF	3,840 LF	225 EA	150 EA	55 EA	

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SUMMARIES

PUUNENE AVENUE IMPROVEMENTS
Kuihelani Highway to Mokulele Highway
PROJECT NO. 311A-02-93

Date: March, 1993

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	311A-02-93	1993	11	12

CONSTRUCTION SIGN SUMMARY				
SIGN NO.	LOCATION	MESSAGE	W/POST	W/O POST
PUUNENE AVENUE				
CW20-1d	Puunene Ave. Sta. 91+20± Rt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Puunene Ave. Sta. 91+20± Lt.	END CONSTRUCTION	1	
CW20-1d	Kuihelani Hwy. Sta. 25+00± Lt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Kuihelani Hwy. Sta. 25+00± Rt.	END CONSTRUCTION	1	
CW20-1d	Kuihelani Hwy. Sta. 15+00± Rt.	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Kuihelani Hwy. Sta. 15+00± Lt.	END CONSTRUCTION	1	
CW20-1d	Hansen Road	ROAD CONSTRUCTION AHEAD	1	
CG20-2	Hansen Road	END CONSTRUCTION	1	
TOTAL			8	0

VALVES AND MANHOLES SUMMARY				
LOCATION	OFFSET	TYPE	QTY.	REMARKS
PUUNENE AVENUE				
Sta. 128+20 Lt.	25 O/S Lt.	WV	1	Adjust
Sta. 128+23 Lt.	20 O/S Lt.	WV	1	Adjust
Sta. 128+27 Lt.	25 O/S Lt.	WV	1	Adjust
Sta. 133+00 Lt.	15 O/S Lt.	MH	1	Adjust
TOTAL			4	

MILE POST MARKERS AND SUMMARY			
MILE POST NO.	LOCATION	QUANTITY W/ SUPPLEMENTAL ROUTE NO. PLATE (BI-DIRECTIONAL W/POST)	REMARKS
PUUNENE AVENUE			
0	Sta. 100+00 Rt.	1	Replace

DESTINATION SIGN SUMMARY						
SIGN NO.	LOCATION	MESSAGE	SIZE	NEW PANEL AREA (SQ. FT.)		REMARKS
				W/O POST	W/POST	
D-1	Puunene Avenue Sta. 128+70 Rt.	KIHEI MAALAEA WAILEA MAKENA 	6' -6" x4'		28	Install Use Flanged Channel, 4lbs/ft., 3 Post
D-2	Puunene Avenue Sta. 125+60 Rt.	LANDFILL 	4' -6" X2.0'		9.0	Replace Use Flanged Channel, 2.5lbs/ft., 2 Post
D-3	Puunene Avenue Sta. 130+20 Rt.	LANDFILL 	4' -6" X2.0'		9.0	Replace Use Flanged Channel, 2.5lbs/ft., 2 Post

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
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ORIGINAL PLAN	
NOTE BOOK	
2014/02/03	
N.	

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DEPARTMENT OF TRANSPORTATION
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MISCELLANEOUS SUMMARIES

PUUNENE AVENUE IMPROVEMENTS
Kuihelani Highway to Mokulele Highway
PROJECT NO. 311A-02-93

Date: March, 1993

SHEET No. 2 OF 2 SHEETS

