

REINFORCING FABRIC SUMMARY

Begin Station / Offset	End Station / Offset	Width	Area (Sq.)	Lane
Kauaualii Highway				
298 + 61 ① 6' Lt.	310 + 49 ① 18' Lt.	12'	1585	Westbound (WB)
300 + 00 ① 6' Lt.	310 + 49 ① 6' Lt.	12'	1400	Westbound Left Turn
298 + 61 ① 6' Rt.	310 + 49 ① 6' Rt.	12'	1585	Eastbound (EB)
307 + 40 ① 18' Rt.	310 + 49 ① 18' Rt.	12'	415	Eastbound Right Turn
317 + 71 ① 6' Lt.	320 + 53.23 ① 6' Lt.	12'	380	Westbound
0 + 00 ② 6' Lt.	15 + 69 ② 6' Lt.	12'	2035	Westbound
317 + 71 ① 12' Rt.	320 + 53.23 ① 6' Rt.	2-12'	755	WB Left Turn - EB
0 + 00 ② 6' Rt.	15 + 69 ② 6' Rt.	12'	2095	Eastbound
			10,310	
Ahukini Road				
0 + 46 ③ 6' Lt.	46 + 79 ③ 6' Lt.	12'	6180	Eastbound
0 + 46 ③ 6' Rt.	46 + 79 ③ 6' Rt.	12'	6180	Westbound
			12,360	
Kapule Highway				
37 + 56 ④ 6' Lt.	44 + 19 ④ 6' Lt.	12'	885	Eastbound
39 + 25 ④ 6' Rt.	44 + 20 ④ 6' Rt.	12'	660	Eastbound Left Turn
37 + 56 ④ 6' Rt.	44 + 19 ④ 15' Rt.	12'	885	Westbound
37 + 56 ④ 18' Rt.	40 + 50 ④ 32' Rt.	12'	395	Westbound Right Turn
0 + 18 ⑤ 24' Lt.	30 + 81 ⑤ 6' Lt.	12'	4085	Southbound
0 + 12 ⑤ 6' Rt.	30 + 81 ⑤ 6' Rt.	12'	4095	Northbound
10 + 50 ⑤ -	15 + 50 ⑤ -	12'	670	Left Turn
			11,675	

Legend: ① Project No. F12(17) ④ Project No. F12(A)
② Project No. F24(2) ⑤ Project No. DP-F-051-1-(3)
③ Project No. S-0570(1)

SIGN SUMMARY See "Note" below.

Sign No.	Description	Kauaualii	Ahukini	Kapule	Total
R1-1	Stop	- 2	- 4	[2] 5	[2] 11
R1-2	Yield	- 3	- -	[4] 2	[4] 5
R2-1(25)	Speed Limit 25	[1] -	- -	- -	[1] -
R2-1(35)	Speed Limit 35	[2] -	[5] -	[2] -	[9] -
R2-1(50)	Speed Limit 50	[1] -	- -	[1] -	[2] -
R2-5b(25)	Reduce Speed 25	[1] -	- -	- -	[1] -
R2-5b(35)	Reduce Speed 35	- -	- -	[1] -	[1] -
R3-2	No Left Turn (Symbol) and (Wording)	- 1	- -	- -	- 1
-	Type II Object Marker	[2] 13	[2] 28	- -	[4] 41
R3-5(L)	Left Turn Only	- 1	- -	- -	- 1
R3-20	Tr	- -	- -	[1] -	[1] -
R3-8(L)	Straight and Left Turn Only	[1] -	- -	- 1	[1] 1
R4-1	Do Not Pass	- 1	- -	- -	- 1
R5-1	Do Not Enter	- 2	- -	- 2	- 4
R8-3a	Ⓟ Anytime →	- 2	- -	- 14	- 16
R15-2	Unlawful to Litter \$1000 Fine	- 1	- -	- -	- 1
W1-6	Arrow Left (Symbol)	- -	- -	- 1	- 1
W2-1	"Cross" Intersection (Symbol)	- -	- -	- 2	- 2
W2-2(L)	Intersection "Left" (Symbol)	- 1	- -	- -	- 1
W3-1a	Stop Ahead	- -	- -	- 1	- 1
W8-6	Truck Crossing	- 1	- 2	- -	- 3
W11-2	Pedestrian Crossing (Symbol)	- 1	- -	- -	- 1
D10-1	Mile Post Marker (Bi-directional)	- -	- 1	- 1	- 2
D10-7	Highway Route Marker Plate	- -	- -	- -	- -
RM-3	Reflector Marker	[4] 3	[6] -	- -	[10] 3
RM-4(R)	Reflector Marker	- 1	- -	- -	- 1
RM-4(L)	Reflector Marker	- 1	- -	- -	- 1
R20-1a	Begin State Highway	- -	- -	- 1	- 1
R20-2a	End State Highway	- -	- -	- 1	- 1
W13-1(25)	Advisory Speed Limit 25	- 1	- -	- -	- 1

ESTIMATED QUANTITIES

Item No.	Description	Quantities				Units
		Kauaualii	Ahukini	Kapule	Total	
401.0600	Asphalt Concrete Pavement, Marshall Mix SS-1 Tack Coat	1,855.87 2,414	2,293.67 2,580	42.65 2,748	6,892.19 7,742	Tons
420.0100	Pavement Reinforcing Fabric	10,310 8,795.6	12,360 13,242.2	11,075 12,638.6	34,345 34,686.4	Sq. Yd.
G04.5000	Adjust Cable TV Box	0	0	0	0	Ea.
G13.0110	Adjust Centerline and Reference Survey Monument	4	* 6	4	14	Ea.
G21.0200	Panel for Destination Sign	* 84	60	147.50	291.50 291.50	Sq. Ft.
G21.1300	Breakaway Steel Post (W6x6) and Foundation for Destination Sign	* 2	2	6	10	Ea.
G21.1400	4.00 lbs./Ft. Flanged Channel Post for Destination Sign	0	2	0	2	Ea.
G21.4110	Reflector Marker with Post	4	6	0	12	Ea.
G21.5000	Regulatory and Warning Sign (10 Sq. Ft. or Less)	16	6	30	53	Ea.
G21.5100	Regulatory and Warning Sign (10 Sq. Ft. or Less) with Post	2	0	0	2	Ea.
G21.6110	State Route Marker Assembly (Type A)	2	2	5	9	Ea.
G21.6200	State Route Marker Assembly (Type B)	1	1	1	3	Ea.
G21.7510	Mile Post Marker (Bi-Directional)	0	1	1	2	Ea.
G04.4010	Adjust Manhole Frame and Cover	0	0	3	3	Ea.
G04.4550	Adjust Water Valve Box Frame and Cover	0	6	7	13	Ea.
G29.1015	12-inch Pavement Striping, Thermoplastic Extrusion or Tape, Type II	990	88	1,445	2,523	L.F.
G29.1017	Double 4-inch Pavement Striping, Thermoplastic Extrusion or Tape, Type I	2,380	4,795	2,840	10,015	L.F.
G29.1010	4-inch Pavement Striping, Thermoplastic Extrusion or Tape, Type I	105	0	0	105	L.F.
G29.1011	4-inch Edge Pavement Striping, Thermoplastic Extrusion or Tape, Type II	5,305	9,640	7,620	22,565	L.F.
G29.1013	8-inch Pavement Striping, Thermoplastic Extrusion or Tape, Type I	380	22	275	677	L.F.
G29.1030	Pavement Arrow	11	0	21	32	Ea.
G29.2010	Type A, Pavement Markers	36	0	0	36	Ea.
G29.2031	Type CL, Pavement Markers	265	258	326	849	Ea.
G29.2041	Type DL, Pavement Markers	124	247	148	519	Ea.
G29.2071	Type HL, Pavement Markers	90	0	116	206	Ea.
G29.2090	Type J, Pavement Markers	12	0	0	12	Ea.
G21.7110	Construction Sign with Posts	6	6	6	18	Ea.
G21.4000	Reflector Marker (RM-3)	3	0	0	3	Ea.
G21.4010	Reflector Marker (RM-4)	2	0	0	2	Ea.
G21.4020	Object Marker (Type II)	13	28	0	41	Ea.
G21.4120	Object Marker (Type II) with Post	2	2	0	4	Ea.
G21.4700	Flexible Delineator Post, Type A	0	0	5	5	Ea.
G21.5300	Regulatory and Warning Sign (Greater than 10 Sq. Ft.) with Posts	65	5	4	74	Ea.
G21.6120	State Route Marker Assembly with Post (Type A)	1	1	0	2	Ea.
G21.6210	State Route Marker Assembly with Post (Type B)	1	0	0	1	Ea.
G29.1012	4-inch Pavement Striping, Thermoplastic Extrusion	1,470	110	1,811	3,391	L.F.
G29.1014	8-inch Edge Pavement Striping, Thermoplastic Extrusion or Tape, Type II	2,320	0	1,210	3,530	L.F.
G29.1016	12-inch Pavement Striping, Thermoplastic Extrusion	90	88	230	408	L.F.
G29.1018	Double 4-inch Pavement Striping, Thermoplastic Extrusion or Tape, Type II	1,760	0	2,230	3,990	L.F.

* Contract Change Order

Note: Figures in brackets [] indicates signs w/ post(s), all others are additional signs w/out post.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50E-01-92M 570A-01-92M 51B-01-92M	1992	14	14

SURVEY PLOTTED BY: _____
DATE: _____
DRAWN BY: _____
TRACED BY: _____
CHECKED BY: _____
ORIGINAL PLAN NO. _____
NOTE BOOK NO. _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUMMARIES and ESTIMATED QUANTITIES

KAUAMUALII HIGHWAY RESURFACING
PROJECT NO. 50E-01-92M
AHUKINI ROAD RESURFACING
PROJECT NO. 570A-01-92M
KAPULE HIGHWAY RESURFACING
PROJECT NO. 51B-01-92M

Date: Dec. 1991

SHEET NO. 1 OF 1 SHEETS

AS-BUILT