

KALIHI STREET PROJECT NO. US-0630(2)
QUANTITY AND COST CONTROL SHEET

NOTE:
This sheet is for the use of the Resident
Engineer only and not for the Contractor's use.

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	1150430(2)	1956	22	

ITEM NO.					11 (b)	13	14 (1)	14 (2)	18	23	27 (1)	27 (2)	29	30 (1)	31	39 (1)	39 (2)	39 (4)	40 (1)	46 (A)	46 (1)	46 (2)	46 (3)	48 (1)	48 (A)	46 (C)	52	55 (1)	58 (2)	58 (3)	58 (4)	G2	G7	G8	70 (1a)	70 (1b)	70 (1c)	70 (1d)	70 (1e)	70 (2a)	70 (2b)	70 (3a)	
ITEM		Base Course Area	A.C. Pavement Area	Portland Cement Concrete Pavement Area	Salvaging Exist. Lava Rock Curb	Roadway Excavation	Structural Excavation other than at bridges	Structural Excavation for Bridges	Compacting Original Ground	Sprinkling	Coarse Rock for waterbound macadam base course	Filler for waterbound macadam base course	Brooming Off	Slow curing liquid asphalt for prime coat	Emulsified asphalt pen. type for tack coat	Asphalt conc. pavement Mix No. II	Asphalt conc. pavement Mix No. II	Asphalt conc. pavement Mix No. I	Portland Cement concrete pavement	Concrete in bridges.	Class A-1 conc. other than in bridges	Class B-1 conc. other than in bridges	Class C-1 conc. other than in bridges	Reinforcing steel other than in bridges	Reinforcing steel in bridges	Underpinning of Library Bldg.	Filter Material	Metal Railing	18 inch SSRC culvert pipe	24 inch SSRC culvert pipe	24 inch ESRC culvert pipe	Cement Rubble Masonry	Centerline Monument	Standard City Street Survey Monument	Type A cast-in-place concrete curb	Type B cast-in-place concrete curb	Type C cast-in-place concrete curb	Type D cast-in-place concrete curb	Type E cast-in-place concrete curb	Type A cast-in-place concrete gutter	Type B cast-in-place concrete gutter	Type A5 cast-in-place conc. curb and gutter	
UNIT USED		Sq. Yd.	Sq. Yd.	Sq. Yd.	Lin. Ft.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.	M-Gal.	Cu. Yd.	Cu. Yd.	Sq. Yd.	GAL.	GAL.	TON	TON	TON	Cu. Yd.	L.S.	Cu. Yd.	Cu. Yd.	Cu. Yd.	LB.	L.S.	L.S.	Cu. Yd.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Cu. Yd.	EACH	EACH	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	
ROADWAY		27,105	21,579	4,698	131	55,713			20,544	955	7,058	2,117	1,066	7,552	267		1,825	1,270	1,105		451.4	58.4	34	27,319			180	30	22	2,053	1,607	G3	4	3	5,229	465	57	800	1,826	457	140 40	2,045	
STRUCTURES OTHER THAN BRIDGES							7,435														451.4	58.4	34	27,319			180		22	2,053	1,607												
SUBTOTAL		27,105	21,579	4,698	131	55,713	7,435		20,544	955	7,058	2,117	1,066	7,552	267		1,825	1,270	1,105		451.4	58.4	34	27,319			180	30	22	2,053	1,607	G3	4	3	5,229	465	57	800	1,826	457	180	2,045	
MISC.					4	287	65		456	15	92	23	34	48	33		25	10	5		3.6	1.6	1	25			5		2	3	1	7			71	5	3	10	24	13		25	
TOTAL		27,105	21,579	4,698	135	56,000	7,500		21,000	970	7,150	2,140	1,100	7,600	300		1,850	1,280	1,110		455	60	35	27,550			185	30	24	2,056	1,608	70	4	3	5,300	470	60	810	1,850	470	180	2,070	
STRUCTURES	KALIHI ST. OVERPASS #1						1,009								105	17		31									254																
	MISC.						11								5												6																
	TOTAL						1,020								110	17		31									260																
	KALIHI ST. OVERPASS #2						386								17			6									178																
	MISC.						4								3												2																
	TOTAL						390								20			6									180																
	KALIHI ST. OVERPASS #3						487								116			35									92																
	MISC.						11								4												3																
	TOTAL						500								120			35									95																
	PEDESTRIAN OVERCROSSING & APPROACH RAMP						213																					386															
	MISC.						2																					4															
	TOTAL						215																					390															
TOTAL SUBTOTALS		27,105	21,579	4,698	131	55,713		2,097	20,544	955	7,058	2,117	1,066	7,552	505	17	1,825	1,342	1,105		451.4		34				704	416	22	2,053	1,607	G3	4	3	5,229	465	57	800	1,826	457	180	2,045	
TOTAL MISCELL.					4	287		28	456	15	92	23	34	48	45		25	10	5		3.6		1				16	4	2	3	1	7			71	5	3	10	24	13		25	
GRAND TOTAL		27,105	21,579	4,698	135	56,000		2,125	21,000	970	7,150	2,140	1,100	7,600	550	17	1,850	1,352	1,110		455		35				720	420	24	2,056	1,608	70	4	3	5,300	470	60	810	1,850	470	180	2,070	
CORR. TOTAL																																											
CONTROL																																											
UNIT PRICE																																											
ITEM NO.					11 (b)	13	14 (1)	14 (2)	18	23	27 (1)	27 (2)	29	30 (1)	31	39 (1)	39 (2)	39 (4)	40 (1)	46 (A)	46 (1)	46 (2)	46 (3)	48 (1)	48 (A)	46 (C)	52	55 (1)	58 (2)	58 (3)	58 (4)	G2	G7	G8	70 (1a)	70 (1b)	70 (1c)	70 (1d)	70 (1e)	70 (2a)	70 (2b)	70 (3a)	

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	US06306	1958	2.F	

5984.217

KALIHI STREET PROJECT NO. US-0630 (2)

QUANTITY AND COST CONTROL SHEET

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	US-0630(2)	1958	2 F	

ITEM NO.						11(b)	13	14(1)	14(b)	14(c)	18	23	24(1)	26	17(2)	29	30(1)	31	32(1)	32(2)	32(4)	40(1)	46(7)	46(C)	46(1)	46(2)	46(3)	48(1)	48(2)	52	55(1)	58(1)	58(2)	58(3)	58(4)	58(5)	62	67	68	70(1a)	70(1b)	70(1c)	70(1d)	70(1e)	70(2a)	70(2b)	70(3a)	70(3d)			
ITEM		Base Course Area	A.C. Pavement Area	Portland Cement Conc. Pavement Area	Salvaging Existing Laws Rock Curb	Roadway Excavation	Structural Excavation other than at Bridges	Struct. Excavation for Water System	Struct. Excavation for Bridges	Compacting Original Ground	Sprinkling	Select Borrow Subbase Course	Untreated Base	Mile Yard Overhaul	Brooming Off	Slow Curing Liquid Asphalt for Prime Cost	Emulsified Asphalt Penetration Type for Tack Coat	Asphalt Conc. Pavement Mix No. I	Asphalt Conc. Pavement Mix No. II	Asphalt Conc. Pavement Mix No. III	Asphalt Conc. Pavement Mix No. IV	Portland Cement Concrete Pavement	Class A-1 Conc. in Bridge	Underpinning of Existing Building	Class A-1 Conc. other than in Bridges	Class B-1 Conc. other than in Bridges	Class C-1 Conc. other than in Bridges	Reinforcing Steel other than in Bridges	Reinforcing Steel in Bridges	Filter Material	Meta Reeling	10 inch S&S60 Cast-iron Pipe	24 inch S&S60 Cast-iron Pipe	24 inch S&S60 Cast-iron Pipe	24 inch S&S60 Cast-iron Pipe	Cement Rubble Masonry	Centerline Monument	Standard 6" x 6" Street Survey Monument	Type "A" Cast-in-Place Conc. Curb	Type "B" Cast-in-Place Conc. Curb	Type "C" Cast-in-Place Conc. Curb	Type "D" Cast-in-Place Conc. Curb	Type "E" Cast-in-Place Conc. Curb	Type "A" Cast-in-Place Conc. Gutter	Type "B" Cast-in-Place Conc. Gutter	Type "C" Cast-in-Place Conc. Gutter	Type "D" Cast-in-Place Conc. Gutter	Type "E" Cast-in-Place Conc. Gutter			
UNIT USED		Sq. Yd.	Sq. Yd.	Sq. Yd.	Lin. Ft.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Sq. Yd.	M-GAL.	Cu. Yd.	Cu. Yd.	Mi. Yd.	Sq. Yd.	GAL.	GAL.	TON	TON	TON	Cu. Yd.	Cu. Yd.	L.S.	Cu. Yd.	Cu. Yd.	Cu. Yd.	L.B.	L.B.	Cu. Yd.	L.F.	L.F.	L.F.	L.F.	Lin. Ft.	C.Y.	EA.	EACH	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.				
ROADWAY		24,114	20,155	3,267	130	57,071				12,243	1,126	18,304	6,522	7,300	1,126	6,558	284		1,582.2	1,182.7	728.4										20					74	4	3	4,340	462	58	788	470	225	183	1,787	1,882				
STRUCTURES OTHER THAN BRIDGES							5215			20,544	896	15,210	6,402												482.1	27.67	58	26,174.70		182																					
WATER (PARTICIPATING)																										24.23		527.21																							
WATER (NON-PARTICIPATING)																										8		1,540																							
SUBTOTAL		24,114	20,155	3,267	130	57,071	5215			12,243	1,126	18,304	6,522	7,300	1,126	6,558	284		1,582.2	1,182.7	728.4									182	20					74	4	3	4,340	462	58	788	470	225	183	1,787	1,882				
STRUCTURES	MISCELL.				4	287	140			456	14		98		34	95	33		18	13	12				6	2	1	221		3		2	3	4			63	5	3	10	33	13		28	18						
	TOTAL	24,114	20,155	3,267	130	57,071	5215			12,243	1,126	18,304	6,522	7,300	1,126	6,558	284		1,582.2	1,182.7	728.4									182	20					74	4	3	4,340	462	58	788	470	225	183	1,787	1,882				
	KALIHI STREET OVERPASS NO. 1																113		28	38																	232,735	227													
	MISCELL.																3			38																	1,196	8													
	TOTAL																113		28	38																	232,735	227													
	KALIHI STREET OVERPASS NO. 2																16			6																		56,384	267												
	MISCELL.																3			38																	324	2													
	TOTAL																16			6																	56,384	267													
	KALIHI STREET OVERPASS NO. 3																105			38																		165,443	242												
	MISCELL.																5			38																		1267	4												
	TOTAL																105			38																		165,443	242												
	PEDESTRIAN OVERCROSSING AND APPROACH RAMP																																							14,820	326										
MISCELL.																																							157	4											
TOTAL																																							14,820	326											
TOTAL SUBTOTALS		24,114	20,155	3,267	130	57,071	5215			12,243	1,126	18,304	6,522	7,300	1,126	6,558	518		1,582.2	1,271.7	728.4										995	416					74	4	3	4,340	462	58	788	470	225	183	1,787	1,882			
TOTAL MISCELL.					4	287	140			456	14		98		34	95	44		18	13	12				6	2	1	221		3		2	3	4			63	5	3	10	33	13		28	18						
GRAND TOTAL		24,114	20,155	3,267	130	57,071	5215			12,243	1,126	18,304	6,522	7,300	1,126	6,558	518		1,582.2	1,271.7	728.4										995	416					74	4	3	4,340	462	58	788	470	225	183	1,787	1,882			
CORR. TOTAL																																																			
CONTROL																																																			
UNIT PRICE																																																			
ITEM NO.					11(b)	13	14(1)	14(b)	14(c)	18	23	24(1)	26		29	30(1)	31	32(1)	32(2)	32(4)	40(1)	46(7)	46(C)	46(1)	46(2)	46(3)	48(1)	48(2)	52	55(1)	58(1)	58(2)	58(3)	58(4)	58(5)	62	67	68	70(1a)	70(1b)	70(1c)	70(1d)	70(1e)	70(2a)	70(2b)	70(3a)	70(3d)				

3-8-50

NOTE: ITEMS MARKED WITH ASTERISK (*)
TO BE FURNISHED AND INSTALLED
BY THE CONTRACTOR

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	US-0630(2)	1958	2 G	

70 50

STRUCTURES

NOTE: THIS SHEET IS FOR THE USE OF THE
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FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	45-0630(2)	1958	24	

59 S 4. 2 H

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	15-0630(2)	1958	24	

59 § 4. 2 H

QUANTITY AND COST CONTROL SHEET

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REVISED 10-14-58 8-8-58

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	USOC6300	1958	21	

STRUCTURES OTHER THAN BRIDGES													STRUCTURES OTHER THAN BRIDGES												
ITEM NO.													ITEM NO.												
ITEM													ITEM												
UNIT USED													UNIT USED												
MISCELL. CONSTRUCTION	1403	6.64		420.95						13.15			PREVIOUS TOTAL	1,738.67	68.03	7.16	1508	21	1,270.1	610	37.2	13.15	9	13	
CDI # 5	19.33		1.0	39	21								SDMH #40	56.5		0.7	26		53	49	4.8				
CB #50	152.08	6.66		79.12				84			1		SDMH #41	79.2		0.7	26		78	75	4.7		1		
CB #51	23.2	4.42		79.12		19	23				1		CB #84	60.37	3.68		63		107.4						
SDMH #23	222.77		0.7	26			235		6.8		1		CB #85	104.97	5.81				150						
CB #52	101.62	5.03		92		108.2	112				1		CB #86	109.3	5.76		93.24								
SDMH #24	424.3		0.7	32			116		5.1		1		SDMH #42	74.8		0.7	32		68		4.6		1		
SDMH #26	28.01		0.7	32		18.1			7.2		1		CB #87	111.15	3.25		63		194.5						
CB #55	52.81	3.61		59.54		68.3					1		CB #88	158.7	5.29		93.24		143						
CB #56	36.22	3.6		55		44.3					1		SDMH #43	175.10	4.31		141.51		169			1			
SDMH #28	15.2		0.7	32			24		4.8		1		CB #89	190.28	4.22		53.26		54	60					
CB #59	30.51	3.20		65.65		41	45				1		CB #90	90.8	6.6		93.24		73				1		
SDMH #29	111.0		0.66	26		224.8	228		5.8		1		CB #91	90.5	5.53		96.64		24	92			1		
CDI # 7	11.44		1.38			13							CB #92	75.51	6.24		63.00		57	66			1		
CB #60	90.14	3.72		71.06		75					1		Contract Change #6						469						
SDMH #30	64.05		0.66	26			86		4.6		1		Sta. -0+50 to 4+30	145.55											
CB #61	35.36	3.20		53.26		162.5	165				1		SDMH #44	57.1	3.08		47.51		66.3				1		
SDMH #32	28.48	3.83				74.5					1		CB #93	56.5	4.21		96.64		60				1		
SDMH #33	54.66	4.21		45		29					1		CB #94	139.26	5.62		96.64		134				1		
CB #62	25.15	3.70		63.80		39.1					1		CB #95	72.50	3.58		52.24		102	105			1		
CB #66	71.13	4.26		65.65		75	78				1		RETAINING WALL #4	266.79	244.76		159.36								325
CB #69	67.30	5.15		66		67	54				1		RETAINING WALL #5	114.87	87.05		345.26								
CB #82	28.13	2.36		58.73		39.5	42				1		CONCRETE LINED CHANNEL	115.03			1722		42.60						
SDMH #38	3.77		0.7	32					3.0		1		SEWER SYSTEM	1087.85		17.75	836				2.25				
CB #83	324.7	5.33		23.24		240	375				1		CB #82 A	27.37	4.32		54.25		32.1				1		
SDMH #39	56.11		0.66	26		70.2	74		5.7		1		SDMH 82 B	5.35		0.66	26				3.5		1		
SUBTOTAL	1,738.67	68.03	7.16	1,738.67	21	1,270.1	610	37.2	13.15	9	13		DESTINATION SIGNS	39.58	15.39		1,209.8								
MISCELL.													SUBTOTAL	5215	480	27.67	26,047.9	21	3243.4	819	55.5	58.0	15	26	182
TOTAL													MISCELL.	0.6	0.3	0.2			0.2						
CORR. TOTAL													TOTAL	5215	480	27.67	26,047.9	21	3243.4	819	55.5	58.0	15	26	182
CONTROL													CORR. TOTAL												
UNIT PRICE													CONTROL												
ITEM NO.	14(1)	46(1)	46(2)	48(1)	58(2)	58(3)	58(4)	58(5)	97(4)	46(3)	98(1)	98(1a)	ITEM NO.	14(1)	46(1)	46(2)	48(1)	58(2)	58(3)	58(4)	97(4)	46(3)	98(1)	98(1a)	52

REVISED 10-14-58

NOTE: Items marked with cross (+) are Alternates for Reinf. Conc. Pipes.

PRD. ROAD DIST. No.	STATE	PRD. AND PRD. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	US-06306	1958	21a	

SHEET 5 OF 5 SHEETS

59 S 41.2 Ia

QUANTITY AND COST CONTROL SHEET

[illegible]