

Revised: 10/1/73

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NOT FOR THE CONTRACTOR'S USE.

PROJECT: SAFETY IMPROVEMENTS ALONG INTERSTATE H-1
KALIHI STREET TO PALI HIGHWAY
PROJECT NO.: I-H1-1(I12)I9

QUANTITY AND COST CONTROL SHEET

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-1-1(112)12	1973	13	176

ITEM NO.	606.	606.	606.	606.	607.	609.	609.	609.	609.	609.	609.	616.	616.	616.	616.	616.	616.	616.	616.	616.	616.	616.	616.	616.	617.	618.	621.	621.	621.	621.	621.	621.	621.	621.	616.	616.	616.		
	315	333	411	412	380	10	200	240	248	600	601	130	131	132	133	134	135	136	137	317	401	402	403	404	01	02	01	02	03	04	05	11	13	22	40	113	114	115	
ITEM	Guard Rail, Type 3-Rail Element with Spacer Block on Existing Post	Guard Rail, Type 3-Double with Rub Rail on Steel Post	Guard Rail, Type 4 B	Guard Rail Type 4 C	Reconstructed 6-Foot Chain Link Fence with Concrete Footings	Curb, Type Ramp Down	Curb, Type 2 A	Curb and Gutter, Type 2 AG	Curb and Gutter, Type 2 EG	Curb, Type 6	Curb, Type 6 A	1/2 Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	3/4 Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	1-Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	1/4 Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	1/2 Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	2-Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	2 1/2 Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	3-Inch Galvanized Steel Pipe, Copper Pipe or PVC Pipe	Relocating Existing Valve with Type A Valve Box	1-Inch Atmospheric Vacuum Breaker	1/4-Inch Atmospheric Vacuum Breaker	1/2-Inch Atmospheric Vacuum Breaker	2-Inch Atmospheric Vacuum Breaker	Imported Topsoil	Grassed Surface	Panel for Expressway Sign	Panel for Destination Sign	Exit Number Panel for Expressway Sign	Forcelain Enamel Overlay Panel for Expressway Sign	Expressway Sign Panel with Message Revision	Galvanized Steel Post for Destination Sign	Breakaway Sign Post and Foundation for Destination Sign	Type C Post and Arms for Expressway Sign	Reflector Marker	1 1/4 Inch Copper Pipe	1 1/2 Inch Copper Pipe	2 1/2 Inch Copper Pipe	
UNIT USED	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Lin.Ft.	Each	Each	Each	Each	Each	Cu.Yd.	Sq.Ft.	Sq.Ft.	Sq.Ft.	Sq.Ft.	Sq.Ft.	Each	Lin.Ft.	Each	Each	Each	Lin.Ft.	Lin.Ft.	Lin.Ft.	
SHOULDER IMPROVEMENTS (INCL. RAMP, RET. WALL & BRIDGE RAILING)					415	200	380	100	60	550	3,500																												
MINOR STRUCTURES																																							
TRAFFIC SIGNS																										358	169	284	195	6	20	6	1	6					
GUARD RAIL	150	50	50	200																																			
HIGHWAY LIGHTING																																							
PAVEMENT MARKINGS																																							
LANDSCAPING												740	1,015	1,595	2,150	1,770	555	70	640	52	1	4	20	29	80	6,500										10	20	1110	

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																												HAWAII	HAW.	I-HI-1(I12)19	1973	10	170			
ITEM NO.		621.	621.	621.	621.	621.	621.	621.	621.	622.	622.	622.	622.	622.	622.	622.		622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.							
		41	50	51	56	68	80	81	82	005	006	007	071	072	073	074	075		077	078	105	106	152	171	172	174	175	176	205	177						
ITEM		Reflector Marker with Post	Regulatory and Warning Sign	Regulatory and Warning Sign with Post	Regulatory and Warning Sign, Interstate(A)	Interstate(19) Route Marker Assembly	Galvanized Steel Expressway Sign Support on Structure	Remove Double Mastarm from Expressway Sign	Remove Destination Sign Post and Footing	Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 200W Mercury-Vapor	Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Double Bracket on Metal Lamp Post, 400W Mercury-Vapor	Rel. Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Rel. Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Relocate Hwy. Lighting System, Multiple Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor	Expressway Sign Lighting System	Highway Lighting System, Series Circuit, Single Bracket on Metal Lamp Post, 400W Mercury-Vapor								
UNIT USED		Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each							
SHOULDER IMPROVEMENTS (INCL. RAMP, RET. WALL & BRIDGE RAILING)																																				
MINOR STRUCTURES																																				
TRAFFIC SIGNS		3	23	16	7	4	1	1	6																											
GUARD RAIL																																				
HIGHWAY LIGHTING										1	2	1	13	1	10	30	4		1	1	5	1	4	4	2	1	2	8	11	2						
PAVEMENT MARKINGS																																				
LANDSCAPING																																				
PROPOSAL TOTAL		3	23	16	7	4	1	1	6	1	2	1	13	1	10	30	4		1	1	5	1	4	4	2	1	2	8	11	2						
UNIT PRICE																																				
ITEM NO.		621.	621.	621.	621.	621.	621.	621.	621.	622.	622.	622.	622.	622.	622.	622.	622.		622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	622.	
		41	50	51	56	68	80	81	82	005	006	007	071	072	073	074	075		077	078	105	106	152	171	172	174	175	176	205	177						

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[illegible]