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See Sheets B1 and B2 for Actual Quantities Installed

												STATE	PROJECT	SHEET NO.
												HI	HI STP H1(1)	B3

REMOVAL SUMMARY

LOCATION	REMOVAL OF LIGHT POLE EACH		REMOVAL OF MANHOLE EACH		REMOVAL OF SIGN EACH		REMOVAL OF CURB AND GUTTER, CONCRETE LNFT		REMOVAL OF CURB, CONCRETE LNFT		REMOVAL OF FENCE, CHAIN LINK LNFT		REMOVAL OF PIPE CULVERT LNFT		REMOVAL OF GAS LINE LNFT		REMOVAL OF WATERLINE LNFT		REMOVAL OF MEDIAN, CONCRETE SQYD		REMOVAL OF PAVEMENT, ASPHALT SQYD		REMOVAL OF SIDEWALK, CONCRETE SQYD		REMOVAL OF SIDEWALK, STONE SQYD		REMOVAL OF STRUCTURES AND OBSTRUCTIONS LPSM	
	20301-1500	20301-1700	FIO	FIO	FIO	FIO	20302-2100	20302-2210	20302-2300	FIO	FIO	FIO	FIO	20304-1000														
Halona	1	1	3	45	371	441	40	165	182	25	897	61	25	1														
PROJECT TOTAL	1	1	3	45	371	441	40	165	182	25	897	61	25	1														

Notes:
1. For Information Only (FIO)
2. Removal of Sign, Removal of Curb and Gutter, Concrete, Removal of Curb, Concrete, Removal of Fence, Chain Link, Removal of Median, Concrete, Removal of Sidewalk, Concrete, and Removal of Sidewalk, Stone Items and Quantites are shown for estimate purposes only, and are considered subsidiary to Item 20304-1000, Removal of Structures and Obstructions, LPSM.

SURFACING SUMMARY

LOCATION	STATION TO STATION		ROADWAY AGGREGATE, METHOD 2 TON		ASPHALT CONCRETE PAVEMENT, TYPE 1 TON		TACK COAT GAL		CURB, CONCRETE, 18-INCH DEPTH LNFT		CURB AND GUTTER, CONCRETE, 13-INCH DEPTH LNFT		SIDEWALK, CONCRETE SQYD		ACCESSIBILITY RAMP, CONCRETE EACH		MONUMENT EACH	
			30202-2000		40301-0100		FIO		60901-1700		60902-1100		61501-0100		61505-1000		62101-0000	
Halona	East Approach	9+71.84 to 11+03.65	291		177		95		0		0		9		1		1	
	West Approach	12+54.57 to 14+29.31	220		134		70		180		34		43		1		1	
	Pedestrian Detour	9+87.48 to 14+29.31	46		30		0		8		8		0		2		0	
PROJECT TOTAL			557		341		165		188		42		52		4		2	

Notes:
1. For Information Only (FIO)
2. Tack Coat Item and Quantity shown for estimate purposes only, and are considered incidental to Item 40301-0100, Asphalt Concrete Pavement, Type 1, Ton.

VALUES USED FOR ESTIMATING QUANTITIES
Asphalt concrete: 145.2 pounds per cubic foot
Aggregate Base Course: 139 pounds per cubic foot
Tack Coat: 0.10 gallon per square yard / 233 gallons per ton

PERMANENT STRIPING SUMMARY

LOCATION	STATION	PAVEMENT MARKINGS, TYPE H, SOLID LNFT		PAVEMENT MARKINGS, TYPE H, TURN ARROW EACH		PAVEMENT MARKINGS, TYPE H, "ONLY" WORD MESSAGE EACH		PAVEMENT MARKINGS, TYPE H, "STOP" WORD EACH		RAISED PAVEMENT MARKER, NON-REFLECTIVE EACH		RAISED PAVEMENT MARKER, NON-PLOWABLE, EACH	
		63401-1500		63405-2900		63405-3050		63405-3100		63406-0100		63406-0200	
Halona	East Approach	9+71.84 to 11+03.65		1		1		1		6		9	
	Bridge	11+10.65 to 12+54.57		0		0		0		16		4	
	West Approach	12+54.57 to 14+29.31		1		1		1		14		4	
PROJECT TOTAL		964		2		2		2		36		17	

EARTHWORK SUMMARY

LOCATION		CLEARING AND GRUBBING SQYD		ROADWAY EXCAVATION CUYD		WASTE CUYD	
		FIO		20401-0000		FIO	
Halona	East Approach	166		272		824	
	West Approach	102		212			
	Pedestrian Detour	0		40			
PROJECT TOTAL		268		524		824	

Notes:
1. For Information Only (FIO)
2. Earthwork required is not considered grading work subject to grubbing and grading permits.
3. Clearing and Grubbing, and Waste Items and Quantites are shown for estimate purposes only, and are considered subsidiary to Item 20401-0000 Roadway Excavation, Cuyd.
4. Waste includes 300 CY from balance of structure excavation and backfill.



EXPIRATION DATE 04/30/2018

Michael H. Okamoto

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY

EARTHWORK, REMOVAL,
SURFACING, AND STRIPING
SUMMARIES