

See Sheets B1 and B2 for Actual Quantities Installed

STATE	PROJECT	SHEET NO.
HI	HI STP H1(1)	B5

MISCELLANEOUS ITEMS SUMMARY

LOCATION		STATION		REMOVE AND RESET MANHOLE FRAME AND COVER EACH	GUARDRAIL SYSTEM G4, TYPE 2, CLASS A STEEL POSTS LNFT	TERMINAL SECTION TYPE TANGENT EACH	FENCE, CHAIN LINK, 72-INCH HEIGHT LNFT	PIPELINE, NATURAL GAS 2-INCH LNFT	8-INCH WATERLINE, DUCTILE IRON LNFT	VALVE, AIR RELEASE EACH	VALVE, GATE EACH	VALVE BOX EACH	WATER SYSTEM ACCESSORY, BEND EACH	WATER SYSTEM ACCESSORY, CONCRETE THRUST COLLAR EACH	ADJUST VALVE BOX EACH
				60412-2000	61701-1200	61702-0800	61901-2000	64810-1000	61102-3250	61104-0200	61104-0400	61105-0000	61114-1000	61114-6000	61108-4000
Halona	East Approach	9+71.84	to 11+03.65	0	62.5	1	138	227	225	2	2	2	17	4	12
	Bridge	11+10.65	to 12+54.57	0	0	0	0								
	West Approach	12+54.57	to 14+29.31	2	0	0	194								
PROJECT TOTAL				2	62.5	1	332	227	225	2	2	2	17	4	12

SURVEYING SUMMARY (ITEM 15201-0000, CONSTRUCTION SURVEY AND STAKING, LPSM.)

LOCATION		STATION		SURVEY AND STAKING, GRADE FINISHING STAKES MILE	SURVEY AND STAKING, BRIDGE LPSM	SURVEY AND STAKING, DRAINAGE STRUCTURE EACH
				FIO	FIO	FIO
Halona	East Approach	9+71.84	to 11+03.65	0.027	All	2
	West Approach	12+54.57	to 14+29.31	0.034		
PROJECT TOTAL				0.06	All	2

- Notes:
- For Information Only (FIO)
 - Survey and Staking Items and Quantities are shown for estimate purposes only, and are considered subsidiary to Item 15201-0000, Construction Surveying and Staking, LPSM.
 - See sheet A4 for Survey Control.

LIGHTING SUMMARY

LOCATION		CONDUIT, 2 INCH, PVC (ENCASED IN CONCRETE) LNFT	CONDUIT, 2-INCH, PVC LNFT	WIRE, ELECTRICAL CONDUCTORS, 10 AWG LNFT	WIRE, ELECTRICAL CONDUCTORS, 8 AWG LNFT	POLE (STATE HIGHWAY LIGHT STANDARD, 150W LED, SINGLE 8 FT BRACKET ARM, POLE, BASE, AND APPURTENANCES) EACH	UTILITY BOX, PULLBOX EACH	UTILITY BOX, CONCRETE EACH
		63610-1600	63610-1600	63611-0300	63611-0400	63620-0000	63621-1000	63621-5000
Halona		70	60	390	540	2	3	2
PROJECT TOTAL		70	60	390	540	2	3	2

EQUIPMENT AND LABOR SUMMARY

DESCRIPTION	ITEM NO.	UNIT	QUANTITY
DUMP TRUCK, 8 CUBIC YARD MINIMUM CAPACITY	62201-0200	HOURL	20
WHEEL LOADER, 2 CUBIC YARD MINIMUM RATED CAPACITY	62201-0900	HOURL	20
MOTOR GRADER, 12 FOOT MINIMUM BLADE	62201-2850	HOURL	20
HYDRAULIC EXCAVATOR, 1 CUBIC YARD MINIMUM CAPACITY	62201-3350	HOURL	20
GENERAL LABOR	62301-0000	HOURL	20
SPECIAL LABOR, HIRED TECHNICAL SERVICES	62302-1000	HOURL	20
SPECIAL LABOR, HIRED SURVEY SERVICES	62302-1100	HOURL	20



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Jason Y. Kage
Signature 04/30/2018
Expiration Date of the License
For utilities & lighting only



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

MISCELLANEOUS SUMMARIES