

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(20)	2000	20	28

LIST OF MATERIALS				
Pole Letter	Standard Type	Signal Head No.	Mounting Type	Signal Faces & Opticom Receivers
A	1-10	1 2	Slipfitter, One-Way Pole Bracket, One Way	R Y G H - M
B	1-10	1	Slipfitter, One-Way TPIW - EVP, One Way	R Y G OPTICOM
C	1-10	1 2 3	Slipfitter } Two-Way Slipfitter } Pole Bracket, One Way	R Y G R Y G H - M
D	11-28	1 2 3	Pole Bracket, One-Way Mast Arm, One Way Mast Arm, One Way Mast Arm (Horiz.)	R Y G R Y ↑ R Y G OPTICOM
E	1-10	1 2 3	Slipfitter, One-Way Pole Bracket, One Way TPIW - EVP, One Way	R Y G H - M OPTICOM
F	1-10	1 2	Slipfitter, One-Way Pole Bracket, One Way	R Y G H - M
G	1-10	1 2	Slipfitter, One-Way Pole Bracket, One Way	R Y G H - M
H	1-10	1 2	Slipfitter, One-Way Pole Bracket, One Way	R Y G H - M
I	1-10	1 2	Mast Arm, One Way Mast Arm, One Way Mast Arm (Horiz.)	R Y G R Y ↑ OPTICOM

CONDUIT AND CABLE SCHEDULE														
DESCRIPTION	DELTA ITEM NO. (△)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
EXISTING CONDUIT AND CABLE														
Quantity of spare 2" conduit		1	1	1			1	1						
Quantity of 2" conduit	5	2	2	2	1	1	1	1	1	2	2	3	1	3
Quantity of 26C #14 Control Cable (Type 1)	2	1	1	1			1	1		1	1	1		1
Quantity of 9C #14 Signal Drop Cable (Type 5)													1	
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-In Cable (Type 2)	11	5	5	4	3	1			1	2	3	6		6
Quantity of Power Cable (Type 6)														1
INSTALL NEW CABLE IN EXISTING 2-INCH CONDUIT														
Quantity of 3C #20 Opticom (Type 7) Cable		3	3	2			2	1					1	
INSTALL NEW CONDUIT AND CABLE														
Quantity of 3C #20 Opticom (Type 7) Cable	4													1

CABLE NOTES:

- Type 1 Signal Loop Cable:
Stranded, No. 14, 26 conductors
- Type 2 Detector Lead-In Cable and Pedestrian Push Button Circuit Cable:
Stranded, No. 14, 2 Conductors
- Type 3 Interconnect Cable:
Solid No. 19, 6 Pairs
- Type 4 Loop Sensor Cable:
Solid No. 12, Single Conductor to IMSA SPEC 51-5.2
- Type 5 Signal Drop Cable:
Stranded, No. 14, Single Conductor
- Type 6 Service Cable:
Solid, No. 6, 3 Conductors
- Type 7 Opticom Cable:
Solid, No. 20, 3 Conductors
No. 20, 1 Ground

TRAFFIC SIGNAL HEAD SCHEDULE				
TRAFFIC SIGNAL HEAD TYPE AND DESCRIPTION	 LED  LED  LED 12" RYG TRAFFIC SIGNAL HEAD	 LED  LED  LED 12" RY ↑ TRAFFIC SIGNAL HEAD	 LED  LED  LED  LED *  LED 12" RYG TRAFFIC SIGNAL HEAD	 PEDESTRIAN SIGNAL HEAD
POLE LETTER AND SIGNAL HEAD NUMBER	A-1 B-1 C-1 D-1 E-1 F-1 H-1	D-2 I-2	*C-2 *D-3 *G-1 *I-1	A-2 C-3 E-2 F-2 G-2 H-2
* Fiber Optic Dual Indication				

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

Kaunualii Hwy. # Sta. 94+00 to 99+00

Kaunualii Highway Traffic Signal
Modernization at Various Locations
Federal-Aid Project No. STP-050-1(20)

Scale: As Shown Date: Apr., 2000

SHEET No. 2 OF 2 SHEETS

HOWARD K. ENDO
LICENSED PROFESSIONAL ENGINEER
No. 6185-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816

SURVEY PLOTTED BY _____ DATE _____

DRAWN BY _____

DESIGNED BY _____

CHECKED BY _____

ORIGINAL PLAN

NOTE BOOK

No. _____

dkmstf04.dgn