

TRAFFIC SIGNAL LOCATION										DESCRIPTION							RETROFIT OPTICAL UNIT QUANTITIES						MISCELLANEOUS WORK			
ROUTE	M.P.	JUNCTION	LEFT APPROACH	THRU ROAD	RIGHT APPROACH	TYPE	FUNCTION	NOTES	SIZE	RED BALL	RED ARROW	YELLOW BALL	* YELLOW ARROW	GREEN BALL	GREEN ARROW	GREEN YELLOW ARROW	REPLACE VISOR QUANTITY	** PV LENS QUANTITY	SALVAGE LED YELLOW BALL QUANTITY	NEW SIGNAL HEAD W/ BACK PLATE W/B	*** E/B					
NIC	72	0.20	MAUNAWILI EL	-	KALANIANAOLE	-	FLASHER	SCHOOL/SPD LMT	EB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
NIC	72	0.36		-	KALANIANAOLE	FIRE STATION	FLASHER	FIRE STATION	EB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
NIC	72	0.40		-	KALANIANAOLE	-	FLASHER	SCHOOL/SPD LMT	WB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
NIC	72	0.50		-	KALANIANAOLE	-	FLASHER	FIRE STATION	WB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
PH2	72	1.36		KEOLU	KALANIANAOLE	-	INTERSECTION			12"	<del>7</del> 9	0	<del>6</del> 8	1	<del>6</del> 5	<del>±</del> 2	0	0	1	0						
PH2	72	2.53		-	KALANIANAOLE	-	FLASHER	VEER	EB	12"	0	0	<del>±</del> 0	0	0	0	0	0	0	0						
PH2	72	2.55		-	KALANIANAOLE	-	FLASHER	VEER	WB	12"	0	0	<del>±</del> 0	0	0	0	0	0	0	0						
PH2	72	3.34		GAS STATION	KALANIANAOLE	POALIMA	INTERSECTION			12"	<del>9</del> 10	0	10	0	<del>9</del> 10	0	0	0	0	0						
NIC	72	3.62		-	KALANIANAOLE	-	FLASHER	SCHOOL/SPD LMT	EB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
PH2	72	3.70		-	KALANIANAOLE	WAIMANALO EL/INTER	PED XING			12"	<del>4</del> 3	0	<del>4</del> 3	0	<del>4</del> 3	0	0	0	0	0						
NIC	72	3.72		FIRE STATION	KALANIANAOLE	-	FLASHER	FIRE STATION	EB	SPC	0	0	0	0	0	0	0	0	0	0	0	0				
NIC	72	3.75		FIRE STATION	KALANIANAOLE	-	FLASHER	FIRE STATION	WB	12"	0	0	0	0	0	0	0	0	0	0	0	0				
NIC	72	3.75		-	KALANIANAOLE	-	FLASHER	SCHOOL/SPD LMT	WB	8"	0	0	0	0	0	0	0	0	0	0	0	0				
PH2	72	8.90		-	KALANIANAOLE	-	FLASHER		EB	12"	0	0	1	0	0	0	0	0	0	0						
PH2	72	10.06		-	KALANIANAOLE	KEALAHOU	INTERSECTION			12"	<del>2</del> 3	0	<del>7</del> 2	1	<del>2</del> 3	<del>4</del> 1	0	0	1	0						
PH2	72	13.26		LUNALILO HOME	KALANIANAOLE	LUNALILO HOME	INTERSECTION			12"	<del>10</del> 8	0	<del>10</del> 6	2	<del>6</del> 4	4	0	0	2	0	<del>2</del> 1	<del>2</del> 1				
PH2	72	14.09		MAUNALUA BAY BCH PK	KALANIANAOLE	KEAHOLE	INTERSECTION			12"	<del>13</del> 12	0	<del>11</del> 9	<del>2</del> 3	<del>8</del> 5	<del>5</del> 7	1	0	3	0	<del>3</del> 2	2				
PH2	72	14.27		MAUNALUA BAY BCH PK	KALANIANAOLE	HAWAII KAI	INTERSECTION			12"	<del>13</del> 11	0	<del>11</del> 9	2	<del>7</del> 5	6	1	0	2	0	2	<del>3</del> 2				
PH2	72	14.43		-	KALANIANAOLE	KAWAIHAE	INTERSECTION			12"	<del>9</del> 8	0	<del>8</del> 7	1	<del>5</del> 2	<del>4</del> 6	0	0	1	0	2	<del>3</del> 2				
PH2	72	14.67		KULIOUOU	KALANIANAOLE	KULIOUOU	INTERSECTION			12"	12	0	10	2	6	6	0	0	2	0	<del>3</del> 2	2				
PH2	72	14.81		PAEOKI	KALANIANAOLE	-	PED XING			12"	6	0	6	0	2	4	0	0	0	0	2	2				
PH2	72	15.21		PAIKO	KALANIANAOLE	-	INTERSECTION			12"	10	0	8	2	4	6	0	0	2	0	2	<del>3</del> 2				
PH2	72	15.47		-	KALANIANAOLE	E HALEMAUMAU	INTERSECTION			12"	<del>10</del> 8	0	<del>8</del> 7	<del>2</del> 1	<del>4</del> 3	<del>6</del> 5	0	0	2	0	2	<del>3</del> 2				
PH2	72	15.53		-	KALANIANAOLE	SHOPPING CENTER	INTERSECTION			12"	4	0	3	1	1	3	0	0	<del>±</del> 0	0	2	0				
PH2	72	15.57		NIUIKI	KALANIANAOLE	-	INTERSECTION			12"	<del>10</del> 11	0	<del>9</del> 10	1	<del>4</del> 5	6	0	0	<del>±</del> 2	0	2	3				
PH2	72	15.78		-	KALANIANAOLE	W HALEMAUMAU	INTERSECTION			12"	<del>10</del> 9	0	<del>9</del> 8	1	<del>5</del> 4	5	0	0	3	0	2	<del>3</del> 2				
PH2	72	16.12		PUUIKENA	KALANIANAOLE	PUUIKENA	INTERSECTION			12"	<del>12</del> 14	0	14	0	<del>9</del> 10	<del>5</del> 4	0	0	0	0	2	<del>3</del> 2				
PH2	72	16.48		-	KALANIANAOLE	E HIND	INTERSECTION			12"	11	0	<del>10</del> 9	2	<del>6</del> 7	<del>5</del> 4	0	0	2	0	2	3				
PH2	72	16.60		GRACE CHURCH	KALANIANAOLE	NENUE	INTERSECTION			12"	<del>13</del> 14	0	13	<del>2</del> 1	10	<del>5</del> 4	0	0	2	0	2	3				
PH2	72	16.82		-	KALANIANAOLE	W HIND	INTERSECTION			12"	<del>12</del> 11	0	<del>12</del> 8	<del>5</del> 4	3	<del>9</del> 10	0	0	1	0	3	3				
PH2	72	16.98		WAILUPE	KALANIANAOLE	-	INTERSECTION			12"	9	0	<del>8</del> 7	<del>±</del> 2	5	<del>4</del> 5	0	0	<del>±</del> 0	0	2	<del>3</del> 2				
NIC	72	17.10		-	KALANIANAOLE	-	FLASHER	FIRE STATION		12"	0	0	0	0	0	0	0	0	0	0	0	0				
PH2	72	17.63		KAIMOKU	KALANIANAOLE	ANALII	I W/FLASHER	SIGNAL AHEAD		12"	<del>0</del> 5	0	<del>0</del> 7	2	<del>0</del> 4	<del>0</del> 1	0	1 PV	2	0	2	<del>3</del> 2				
PH2	72	17.94		WAIHOLO	KALANIANAOLE	LAUKAHI	INTERSECTION			12"	<del>16</del> 12	0	<del>12</del> 10	4	<del>8</del> 7	<del>8</del> 6	0	0	<del>±</del> 2	0	2	2				
PH2	72	18.21		WAIELI	KALANIANAOLE	KALANIKI	INTERSECTION			12"	13	0	11	2	9	4	0	0	2	0	2	2				
PH2	72	18.44		WAIKUI	KALANIANAOLE	AINAKOA	INTERSECTION			12"	11	0	10	1	<del>8</del> 7	<del>3</del> 4	0	0	1	0	1	2				

\* - YELLOW ARROW TO REPLACE EXISTING CIRCULAR YELLOW INDICATION (ORIENTED SAME AS EXISTING GREEN ARROW)  
 \*\* - INSTALL YELLOW ARROW (ORIENTED SAME AS EXISTING GREEN ARROW) UNLESS OTHERWISE NOTED  
 \*\*\* - REMOVE EXISTING EAST & WEST-FACING MAST-ARM MOUNTED TRAFFIC SIGNAL HEADS (EXCLUDING PROGRAMMABLE VISIBILITY SIGNAL HEADS) & INSTALL NEW SIGNAL HEADS W/ BACK PLATE USING NEW MOUNTING HARDWARE ON KALANIANAOLE HIGHWAY (ROUTE 72) FROM M.P. 13.26 TO M.P. 18.44

**ABBREVIATION**  
 EB EASTBOUND  
 I W/FLASHER INTERSECTION WITH FLASHER(S)  
 IC INTERCHANGE  
 MP MILE POST, APPROXIMATE ONLY  
 NB NORTHBOUND  
 NIC NOT IN CONTRACT  
 OFF-R OFF RAMP  
 ON-R ON RAMP  
 OP OVERPASS  
 PH2 PHASE 2, IN THIS CONTRACT  
 PV PROGRAMMABLE VISIBILITY TRAFFIC SIGNAL MADE BY 3M  
 SB SOUTHBOUND  
 SCHOOL/SPD LMT SCHOOL/SPEED LIMIT  
 SPC SPECIAL  
 UP UNDERPASS  
 WB WESTBOUND

DATE	REVISION
2/14/08	Added Signal Head With Back Plate.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SCHEDULE**  
 TRAFFIC SIGNAL MODERNIZATION  
 LED SIGNAL RETROFIT, PHASE 2  
 AT VARIOUS LOCATIONS ON OAHU  
 Fed. Aid Project No. CMAQ-0300(108)  
 Scale: None Date: May 2007  
 SHEET No. 4 OF 20 SHEETS

SURVEY PLOTTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 ORIGINAL PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 10/2/08  
 10/2/08  
 10/2/08