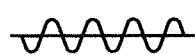
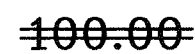


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(108)	2008	14	26

	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	OTHERS
NIC	92	0.99		VALKENBURGH (MAKA) EB	NIMITZ	VALKENBURGH (MAKA) EB	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	0.99		VALKENBURGH (MAUKA) WB	NIMITZ	VALKENBURGH (MAUKA) WB	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	1.24		-	NIMITZ	ELLIOT	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	1.49		-	NIMITZ	AOLELE	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	1.70		CATLIN	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	1.78		-	NIMITZ	RODGERS	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.03		-	NIMITZ	PAIEA	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.12		CAMP CATLIN	NIMITZ	-	FLASHER	STOP	EB	12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.12		CAMP CATLIN	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.48		OHOHIA	NIMITZ	OHOHIA	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.66		PELTIER	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	2.88		PUULOA	NIMITZ	LAGOON	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	3.05		AHUA	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
PH2	92	3.99		-	NIMITZ	SAND ISLAND	INTERSECTION			12"	1	0	± 1	± 0	0	1	0	0	0	0	
NIC	92	4.13		PUUHALE	NIMITZ	PUUHALE	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.28		MOKAUEA	NIMITZ	MOKAUEA	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.42		KALIHI	NIMITZ	KALIHI	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.68		WAIAKAMILO	NIMITZ	YB YARD	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.70		-	NIMITZ	-	FLASHER	FIRE STATION	EB	12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.70		-	NIMITZ	-	FLASHER	FIRE STATION	WB	12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	4.91		SHOPPING CENTER	NIMITZ	PIER 36	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	5.09		ALAKAWA	NIMITZ	ALAKAWA/PIER 35	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	5.37		PACIFIC	NIMITZ	PACIFIC	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	5.37		PACIFIC	NIMITZ	PACIFIC	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	5.70		-	NIMITZ	-	FLASHER	VEER	WB	12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	5.96		RIVER	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.12		SMITH	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.17		NUUANU	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.19		BETHEL	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.30		FORT STREET MALL	NIMITZ	FORT/PIER 10	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.38		BISHOP	NIMITZ	BISHOP	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.44		ALAKEA	NIMITZ	-	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
NIC	92	6.50		RICHARDS/HALEKAUWILA	NIMITZ	RICHARDS	INTERSECTION			12"	0	0	0	0	0	0	0	0	0	0	
PH2	92	6.78		PUNCHBOWL	ALA MOANA	-	INTERSECTION			12"	± 8	0	4	± 4	1	± 7	0	0	0	0	
PH2	92	6.82		-	ALA MOANA	CHANNEL	INTERSECTION			12"	± 9	0	± 8	1	± 5	± 4	0	0	1	0	

- * - 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

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

ABBREVIATION		
EB	EASTBOUND	PH2
I W/FLASHER	INTERSECTION WITH FLASHER(S)	PV
IC	INTERCHANGE	
MP	MILE POST, APPROXIMATE ONLY	SB
NB	NORTHBOUND	SCHOOL/SPD LMT
NIC	NOT IN CONTRACT	SPC
OFF-R	OFF RAMP	UP
ON-R	ON RAMP	WB
OP	OVERPASS	

PHASE 2, IN THIS CONTRACT
PROGRAMMABLE VISIBILITY
TRAFFIC SIGNAL MADE BY 3M
SOUTHBOUND
SCHOOL/SPEED LIMIT
SPECIAL
UNDERPASS
WESTBOUND

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. 8 OF 20 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(108)	2008	15	26

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	OTHERS				
92	6.87		-	ALA MOANA	-	FLASHER		EB	12"	0	0	1	0	0	0	0	0	0	0					
92	6.92		SOUTH	ALA MOANA	FORREST/PIERS 1 & 2	INTERSECTION			12"	15 13	0	11 12	1	10 8	5	1		1	0					
92	7.02		KEAWE	ALA MOANA	KEAWE	INTERSECTION			12"	12 11	0	11 9	2	8 6	5	0		2	0					
92	7.10		CORAL	ALA MOANA	CORAL	INTERSECTION			12"	11 9	0	9 7	2	7 5	4	0	0	2	0					
92	7.17		COOKE	ALA MOANA	COOKE	INTERSECTION			12"	12	0	10	2	8	4	0		2 1	0					
92	7.24		KOULA	ALA MOANA	KOULA	INTERSECTION			12"	11 12	0	10	11 2	8 7	3	0	0	2 1	0					
92	7.40		WARD	ALA MOANA	ILALO	INTERSECTION			12"	10 9	0	11 13	11 4	9 7	8 10	2	0	2	0					
92	7.61		-	ALA MOANA	KEWALO BASIN	INTERSECTION			12"	8 6	0	8 6	0	3	3	0	0	0	0					
92	7.67		KAMAKEE	ALA MOANA	ALA MOANA PARK	INTERSECTION			12"	5	0	7 6	1	4 3	3 4	0	0	4 3	0					
92	7.91		QUEEN	ALA MOANA	-	INTERSECTION			12"	9	0	8 7	11 2	4	5	0	0	1	0					
92	8.10		PIIKOI	ALA MOANA	-	INTERSECTION			12"	11 0	0	6 0	6 0	4 0	7 0	0	0	0	0					
92	8.25		SHOPPING CENTER	ALA MOANA	-	INTERSECTION			12"	7 0	0	0	11 0	4 0	3 0	0		1	0					
92	8.41		SHOPPING CENTER	ALA MOANA	-	INTERSECTION			12"	10 0	0	0	4 0	5 0	5 0	0	0	0	0					
92	8.54		ATKINSON	ALA MOANA	ALA MOANA PARK	INTERSECTION			12"	10 16	0	10 16	9 6	8 11	11 11	0	0	3	0					

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** - INSTALL YELLOW ARROW (ORIENTED SAME AS EXISTING GREEN ARROW) UNLESS OTHERWISE NOTED

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OP	OVERPASS
PH2	PHASE 2, IN THIS CONTRACT
PV	PROGRAMMABLE VISIBILITY
	TRAFFIC SIGNAL MADE BY 3M
SB	SOUTHBOUND
SCHOOL/SPD LMT	SCHOOL/SPEED LIMIT
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UP	UNDERPASS
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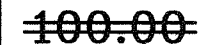
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN

NOTE BOOK

10/2/09

N. Redmond

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

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. 9 OF 20 SHEETS