

INDEX OF DRAWINGS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	2	163

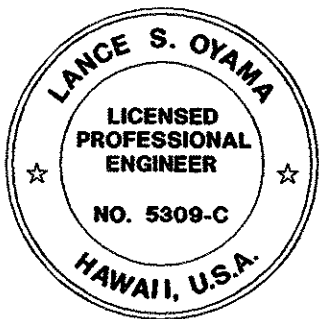
SHT. NO.	DWG. NO.	DESCRIPTION	SHT. NO.	DWG. NO.	DESCRIPTION
1	T-1	TITLE SHEET	61	C-60	KAMEHAMEHA HWY. & RADFORD DR. (SITE)
2	C-1	DETAILED INDEX - 1	62	C-61	KAMEHAMEHA HWY. & RADFORD DR. (SITE)
3	C-2	DETAILED INDEX - 2	63	C-62	KAMEHAMEHA HWY. & RADFORD DR. (GRADING)
4	C-3	STANDARD PLANS SUMMARY	64	C-63	KAMEHAMEHA HWY. & RADFORD DR. (GRADING)
5	C-4	NOTES - 1	65	C-64	KAMEHAMEHA HWY. & CENTER DR. (SITE)
6	C-5	NOTES - 2	66	C-65	KAMEHAMEHA HWY. & CENTER DR. (GRADING)
7	C-6	NOTES - 3	67	C-66	RADFORD DR. & MILITARY PROP. GATE (SITE & GRADING PLAN)
8	C-7	NOTES - 4	68	C-67	RADFORD DR. & MAKALAPA DR. (SITE & GRADING PLAN)
9	C-8	NOTES - 5	69	C-68	RADFORD DR. & BOUGAINVILLE DR. (SITE)
10	C-9	NOTES - 6	70	C-69	RADFORD DR. & BOUGAINVILLE DR. (GRADING)
11	C-10	NOTES - 7	71	C-70	BOUGAINVILLE DR. & LAWEHANA RD. (SITE & GRADING PLAN)
12	C-11	NOTES - 8	72	C-71	BOUGAINVILLE DR. & NAVY HALE KEIKI SCHOOL (SITE & GRADING PLAN)
13	C-12	NOTES - 9	73	C-72	SALT LAKE BLVD. & KAHUAPAANI ST. (SITE)
14	C-13	WATER POLLUTION NOTES - 1	74	C-73	SALT LAKE BLVD. & KAHUAPAANI ST. (GRADING)
15	C-14	WATER POLLUTION NOTES - 2 AND DETAILS	75	C-74	SALT LAKE BLVD. & STADIUM MALL EXIT (SITE & GRADING PLAN)
16	C-15	LOCATION MAPS - 1	76	C-75	SALT LAKE BLVD. & LUAPELE DR. (SITE)
17	C-16	LOCATION MAPS - 2	77	C-76	SALT LAKE BLVD. & LUAPELE DR. (GRADING)
18	C-17	TYPICAL CURB RAMP LAYOUT	78	C-77	PUULOA RD. & SALT LAKE BLVD. (SITE)
19	C-18	CURB RAMP DETAILS - 1	79	C-78	PUULOA RD. & SALT LAKE BLVD. (GRADING)
20	C-19	CURB RAMP DETAILS - 2	80	C-79	JARRET WHITE RD. & MAHIOLE ST. (SITE)
21	C-20	CURB RAMP DETAILS - 3	81	C-80	JARRET WHITE RD. & MAHIOLE ST. (GRADING)
22	C-21	CURB RAMP DETAILS - 4	82	C-81	JARRET WHITE RD. & ALA MAHAMOE ST. (SITE)
23	C-22	CURB RAMP DETAILS - 5	83	C-82	JARRET WHITE RD. & ALA MAHAMOE ST. (GRADING)
24	C-23	CURB RAMP DETAILS - 6	84	C-83	JARRET WHITE RD. & APOKA ST. (SITE PLAN)
25	C-24	SIDEWALK DETAILS	85	C-84	KALIA ST. & OVERPASS (SITE & GRADING PLAN)
26	C-25	MISCELLANEOUS DETAILS - 1	86	C-85	KALIA ST. & ALA MAHAMOE (SITE & GRADING PLAN)
27	C-26	MISCELLANEOUS DETAILS - 2	87	C-86	KALIA ST. & DRIVEWAY (LOCKED GATE) (SITE & GRADING PLAN)
28	C-27	MISCELLANEOUS DETAILS - 3	88	C-87	KALIA ST. & PATTON GATE (SITE & GRADING PLAN)
29	C-28	DETECTABLE WARNING DETAILS	89	C-88	KALIA ST. & FT. SHAFTER GATE (SITE & GRADING PLAN)
30	C-29	STRIPING DETAILS	90	C-89	KALIA ST. & BENET DR. (SITE & GRADING PLAN)
31	C-30	HALAWA HEIGHTS RD. & KIKANIA ST. (SITE & GRADING PLAN)	91	C-90	MIDDLE ST. & MOANALUA FRWY. ON (WESTBOUND) (SITE & GRADING PLAN)
32	C-31	HALAWA HEIGHTS RD. & ULUNE ST. (SITE)	92	C-91	MIDDLE ST. & MOANALUA FRWY. OFF (EASTBOUND) (SITE & GRADING PLAN)
33	C-32	HALAWA HEIGHTS RD. & ULUNE ST. (GRADING)	93	C-92	MIDDLE ST. & LOVES BAKERY (SITE & GRADING PLAN)
34	C-33	HALAWA HEIGHTS RD. & KAHUAPAANI ST. (SITE)	94	C-93	MIDDLE ST. & KAMEHAMEHA HWY. (SITE)
35	C-34	HALAWA HEIGHTS RD. & KAHUAPAANI ST. (GRADING)	95	C-94	MIDDLE ST. & KAMEHAMEHA HWY. (GRADING)
36	C-35	HALAWA HEIGHTS RD. & HULUMANU ST. (SITE & GRADING PLAN)	96	C-95	MIDDLE ST. & KAMEHAMEHA HWY. (GRADING)
37	C-36	HALAWA HEIGHTS RD. & INAWA ST. (SITE)	97	C-96	NORTH KING ST. & OWEN ST. (SITE & GRADING PLAN)
38	C-37	HALAWA HEIGHTS RD. & INAWA ST. (GRADING)	98	C-97	KALII ST. & KALANI ST. (SITE & GRADING PLAN)
39	C-38	HALAWA HEIGHTS RD. & ALIPOE DR. (SITE & GRADING PLAN)	99	C-98	KALII ST. & HAU ST. (SITE & GRADING PLAN)
40	C-39	ULUNE ST. & KAHUAPAANI ST. (SITE)	100	C-99	KALII ST. & COLBURN ST. (SITE & GRADING PLAN)
41	C-40	ULUNE ST. & KAHUAPAANI ST. (GRADING)	101	C-100	KALII ST. & DILLINGHAM BLVD. (SITE & GRADING PLAN)
42	C-41	KAHUPAANI ST. & MOANALUA ON RAMP (SITE & GRADING PLAN)	102	C-101	KALII ST. & KAUMUALII ST. (SITE)
43	C-42	KAHUPAANI ST. & MOANALUA OFF RAMP (NORTHBOUND) (SITE & GRADING PLAN)	103	C-102	KALII ST. & KAUMUALII ST. (GRADING)
44	C-43	KAHUPAANI ST. & MOANALUA OFF RAMP (SOUTHBOUND) (SITE & GRADING PLAN)	104	C-103	KALII ST. & KALAKAUA INTER. SCHOOL ENTRANCE (SITE & GRADING PLAN)
45	C-44	KAHUPAANI ST. & MOANALUA OFF RAMP (KANEHE EXIT) - 1 (SITE & GRADING PLAN)	105	C-104	KALII ST. & AHUULA ST. (SITE & GRADING PLAN)
46	C-45	KAHUPAANI ST. & MOANALUA OFF RAMP (KANEHE EXIT) - 2 (SITE)	106	C-105	KALII ST. & KAHANU ST. (SITE & GRADING PLAN)
47	C-46	KAHUPAANI ST. & MOANALUA OFF RAMP (KANEHE EXIT) - 2 (GRADING)	107	C-106	KALII ST. & AKINA ST. & KALAKAUA INTER. SCHOOL EXIT (SITE & GRADING PLAN)
48	C-47	KAHUPAANI ST. & MOANALUA OFF RAMP (KANEHE EXIT) - 2 (GRADING)	108	C-107	KALII ST. & BECKLEY ST. (SITE)
49	C-48	KAHUPAANI ST. & MOANALUA OFF RAMP (KANEHE EXIT) - 2 (GRADING)	109	C-108	KALII ST. & BECKLEY ST. (GRADING)
50	C-49	KAHUPAANI ST. & MANANAI PL. (SITE & GRADING PLAN)	110	C-109	KALII ST. & BERNICE ST. (SITE & GRADING PLAN)
51	C-50	KAHUPAANI ST. & ALA ALII ST. (SITE)	111	C-110	KALII ST. & FERNANDEZ ST. (SITE & GRADING PLAN)
52	C-51	KAHUPAANI ST. & ALA ALII ST. (GRADING)	112	C-111	KALII ST. & SCHOOL ST. (SITE)
53	C-52	KAHUPAANI ST. & STADIUM ENTRANCE (SITE & GRADING PLAN)	113	C-112	KALII ST. & SCHOOL ST. (GRADING)
54	C-53	KAMEHAMEHA HWY. & SALT LAKE BLVD. (SITE)	114	C-113	LIKELIKE HWY. & KALII ST. (SITE & GRADING PLAN)
55	C-54	KAMEHAMEHA HWY. & SALT LAKE BLVD. (GRADING)	115	C-114	LIKELIKE HWY. & GULICK AVE. (SITE & GRADING PLAN)
56	C-55	KAMEHAMEHA HWY. & FORD ISLAND ACCESS RD. (SITE & GRADING PLAN)	116	C-115	LIKELIKE HWY. & ALU ST. (SITE)
57	C-56	KAMEHAMEHA HWY. & KALALOA ST. (SITE)	117	C-116	LIKELIKE HWY. & ALU ST. (GRADING)
58	C-57	KAMEHAMEHA HWY. & KALALOA ST. (GRADING)			
59	C-58	KAMEHAMEHA HWY. & ARIZONA ST. (SITE)			
60	C-59	KAMEHAMEHA HWY. & ARIZONA ST. (GRADING)			

DETAILED INDEX & LEGEND - 1

SCALE: NONE

LEGEND

- R/W RIGHT-OF-WAY
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB
- ~ FLOW DIRECTION
- EXISTING PROPERTY LINE
- FH EXISTING FIRE HYDRANT
- SMH EXISTING SEWER MANHOLE
- GMH EXISTING GAS MANHOLE
- Mon. EXISTING MONUMENT
- EXISTING DRAIN LINE
- SDMH EXISTING STORM DRAIN MANHOLE
- EXISTING CATCH BASIN
- EXISTING TRAFFIC SIGN
- PP EXISTING POWER POLE
- GP EXISTING GUY POLE
- ☆ LP EXISTING LIGHT POLE
- EMH EXISTING ELECTRICAL MANHOLE
- SLB EXISTING STREET LIGHT BOX
- TSB EXISTING TRAFFIC SIGNAL BOX
- ◆ TL EXISTING TRAFFIC LIGHT
- TP EXISTING TELEPHONE POLE
- HTCO EXISTING HAW. TEL. CO. MANHOLE
- HECO EXISTING HAW. ELEC. CO. MANHOLE/BOX
- WHH EXISTING WATER VALVE
- 5.73 EXISTING SPOT ELEV.
- EXISTING TOP OF CONC. (TC)
- BC-5.38 BOTTOM OF CONC. (BC)
- EXISTING TOP OF ASPHALT CONC. OF GUTTER (TOP)
- ***** EXISTING FENCE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Signature: Lance S. Oyama
DATE: APRIL 30, 2008

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED INDEX & LEGEND - 1

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-1 OF 122 SHEETS

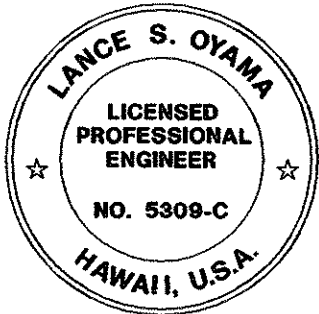
INDEX OF DRAWINGS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	3	163

SHT. NO.	DWG. NO.	DESCRIPTION	SHT. NO.	DWG. NO.	DESCRIPTION
		TYPICAL TRAFFIC CONTROL PLANS			
118	C-117	TYPICAL TRAFFIC CONTROL PLAN - 1			
119	C-118	TYPICAL TRAFFIC CONTROL PLAN - 2			
120	C-119	TYPICAL TRAFFIC CONTROL PLAN - 3			
121	C-120	TYPICAL TRAFFIC CONTROL PLAN - 4			
122	C-121	TYPICAL TRAFFIC CONTROL PLAN - 5			
123	C-122	TYPICAL TRAFFIC CONTROL PLAN - 6			
		ELECTRICAL PLANS			
124	E-1	ELECTRICAL NOTES & SYMBOL LIST			
125	E-2	TRAFFIC SIGNAL PLAN - ULUNE ST. & KAHUAPAANI ST.			
126	E-3	TRAFFIC SIGNAL PLAN - KAHUAPAANI ST. & MOANALUA OFF RAMP (NORTHBOUND)			
127	E-4	TRAFFIC SIGNAL PLAN - KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEHOE EXIT) - 2			
128	E-5	TRAFFIC SIGNAL PLAN - KAHUAPAANI ST. & MANANAI PL.			
129	E-6	TRAFFIC SIGNAL PLAN - KAHUAPAANI ST. & ALA ALII ST.			
130	E-7	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & SALT LAKE BLVD.			
131	E-8	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & FORD ISLAND ACCESS RD.			
132	E-9	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & KALALOA ST.			
133	E-10	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & ARIZONA ST.			
134	E-11	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & RADFORD DR.			
135	E-12	TRAFFIC SIGNAL PLAN - KAMEHAMEHA HWY. & CENTER DR.			
136	E-13	TRAFFIC SIGNAL PLAN - RADFORD DR. & MAKALAPA DR.			
137	E-14	TRAFFIC SIGNAL PLAN - RADFORD DR. & BOUGAINVILLE DR.			
138	E-15	TRAFFIC SIGNAL PLAN - BOUGAINVILLE DR. & LAWEHANA ST.			
139	E-16	TRAFFIC SIGNAL PLAN - SALT LAKE BLVD. & KAHUAPAANI ST.			
140	E-17	TRAFFIC SIGNAL PLAN - SALT LAKE BLVD. & LUAPULE DR.			
141	E-18	TRAFFIC SIGNAL PLAN - PUULOA RD. & SALT LAKE BLVD.			
142	E-19	TRAFFIC SIGNAL PLAN - JARRET WHITE RD. & MAHOLE ST.			
143	E-20	TRAFFIC SIGNAL PLAN - JARRET WHITE RD. & ALA MAHAMOE ST.			
144	E-21	TRAFFIC SIGNAL PLAN - KAUA ST. & ALA MAHAMOE ST.			
145	E-22	TRAFFIC SIGNAL PLAN - KAUA ST. & FORT SHAFTER GATE			
146	E-23	TRAFFIC SIGNAL PLAN - KAUA ST. & BENET DR.			
147	E-24	TRAFFIC SIGNAL PLAN - MIDDLE ST. & MOANALUA FREEWAY ON RAMP (WESTBOUND)			
148	E-25	TRAFFIC SIGNAL PLAN - MIDDLE ST. & MOANALUA FREEWAY OFF RAMP (EASTBOUND)			
149	E-26	TRAFFIC SIGNAL PLAN - MIDDLE ST. & KAMEHAMEHA HWY.			
150	E-27	TRAFFIC SIGNAL PLAN - KALIHI ST. & KALANI ST.			
151	E-28	TRAFFIC SIGNAL PLAN - KALIHI ST. & DILLINGHAM BLVD.			
152	E-29	TRAFFIC SIGNAL PLAN - KALIHI ST. & KAUMUALII ST.			
153	E-30	TRAFFIC SIGNAL PLAN - KALIHI ST. & BECKLEY ST.			
154	E-31	TRAFFIC SIGNAL PLAN - KALIHI ST. & SCHOOL ST.			
155	E-32	TRAFFIC SIGNAL PLAN - LIKELIKE HWY. & KALIHI ST.			
156	E-33	TRAFFIC SIGNAL PLAN - LIKELIKE HWY. & ALU ST.			
157	E-34	PULLBOX DETAILS			
158	E-35	PUSH BUTTON DETAILS			
159	E-36	TRAFFIC SIGNAL MISCELLANEOUS DETAILS			
160	E-37	TRAFFIC SIGNAL MISCELLANEOUS DETAILS			
161	E-38	DETECTOR LOOP DETAILS			
162	E-39	TEMPORARY MICROWAVE DETECTOR DETAIL			
163	E-40	PULLBOX ADJUSTMENT DETAILS			

LEGEND

R/W	RIGHT-OF-WAY
52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB
---	FLOW DIRECTION
---	EXISTING PROPERTY LINE
FH	EXISTING FIRE HYDRANT
SMH	EXISTING SEWER MANHOLE
GMH	EXISTING GAS MANHOLE
Mon.	EXISTING MONUMENT
D	EXISTING DRAIN LINE
SDMH	EXISTING STORM DRAIN MANHOLE
CB	EXISTING CATCH BASSIN
T	EXISTING TRAFFIC SIGN
PP	EXISTING POWER POLE
GP	EXISTING GUY POLE
LP	EXISTING LIGHT POLE
EMH	EXISTING ELECTRICAL MANHOLE
SLB	EXISTING STREET LIGHT BOX
TSB	EXISTING TRAFFIC SIGNAL BOX
TL	EXISTING TRAFFIC LIGHT
TP	EXISTING TELEPHONE POLE
HTCO	EXISTING HAW. TEL. CO. MANHOLE
HECO	EXISTING HAW. ELEC. CO. MANHOLE/BOX
WMH	EXISTING WATER VALVE
5.73	EXISTING SPOT ELEV.
TC=5.88	EXISTING TOP OF CONC. (TC)
BC=5.38	EXISTING BOTTOM OF CONC. (BC)
TA=5.88	EXISTING TOP OF ASPHALT CONC. OF GUTTER (TOP)
10=5.38	EXISTING FENCE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Signature: Lance S. Oyama
DATE: APRIL 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED INDEX & LEGEND - 2

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-2 OF 122 SHEETS

DETAILED INDEX & LEGEND - 2

SCALE: NONE

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	