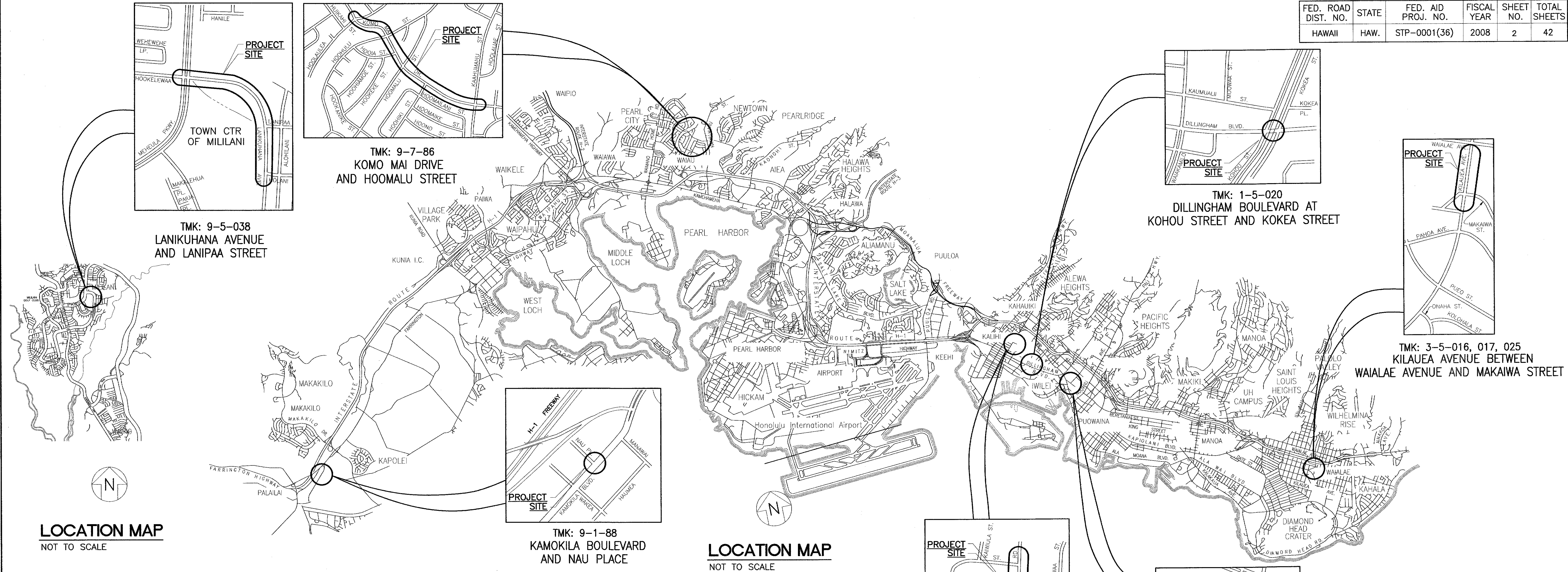


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0001(36)	2008	2	42



LEGEND

- wrmh EXISTING WATER MANHOLE
- ◐ wrmh ADJUSTED WATER MANHOLE
- ◐ wm EXISTING WATER METER
- ◐ wm ADJUSTED WATER METER
- ◐ wmv EXISTING WATER METER VALVE
- ◐ wv EXISTING WATER VALVE
- ◐ wv ADJUSTED WATER VALVE
- ◐ wvmh EXISTING WATER VALVE MANHOLE
- ◐ arv rmh EXISTING AIR RELIEF MANHOLE
- sp EXISTING SIGN POST
- ◐ cv EXISTING CHECK VALVE
- ◐ bfp EXISTING BACKFLOW PREVENTER
- ◐ fh EXISTING FIRE HYDRANT
- ◐ gv EXISTING GATE VALVE
- ◐ ib EXISTING IRRIGATION BOX
- ◐ icv EXISTING IRRIGATION CHECK VALVE
- hb EXISTING HOSE BIB
- ◐ up EXISTING UTILITY POLE
- up ◐ gw EXISTING UTILITY POLE W/ GUY WIRE
- ◐ emh, hEmh EXISTING ELECTRICAL MANHOLE
- ◐ emh, hEmh ADJUSTED ELECTRICAL MANHOLE
- ◐ ebox EXISTING ELECTRICAL BOX
- ◐ heb EXISTING HAWAIIAN ELECTRIC BOX
- ◐ heb ADJUSTED HAWAIIAN ELECTRIC BOX
- ◐ tmh, htmh EXISTING TELEPHONE MANHOLE
- ◐ tmh, htmh ADJUSTED TELEPHONE MANHOLE

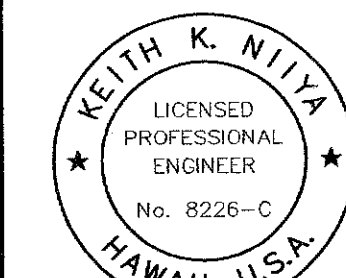
- ◐ tbox EXISTING TELEPHONE BOX
- ◐ htb EXISTING HAWAIIAN TELEPHONE BOX
- ◐ comm box EXISTING COMMUNICATION BOX
- ◐ ub EXISTING UTILITY BOX
- ◐ catv EXISTING CABLE TV BOX
- ◐ sdmh EXISTING STORM DRAIN MANHOLE
- ◐ sdmh ADJUSTED STORM DRAIN MANHOLE
- ◐ di EXISTING DRAIN INLET
- ◐ cbf EXISTING CATCH BASIN
- ◐ gmh EXISTING GAS MANHOLE
- ◐ gmh ADJUSTED GAS MANHOLE
- ◐ smh EXISTING SEWER MANHOLE
- ◐ smh ADJUSTED SEWER MANHOLE
- ◐ co EXISTING CLEANOUT
- ◐ trmh EXISTING TRAFFIC MANHOLE
- ◐ trmh ADJUSTED TRAFFIC MANHOLE
- ◐ slb EXISTING STREET LIGHT BOX
- ◐ st mon EXISTING STREET MONUMENT
- ◐ st mon ADJUSTED STREET MONUMENT
- ◐ slb ADJUSTED STREET LIGHT BOX
- ◐ tsb EXISTING TRAFFIC SIGNAL BOX
- ◐ sls EXISTING STREET LIGHT STANDARD
- ◐ lp EXISTING LIGHT POLE
- ◐ tss, a tss EXISTING TRAFFIC SIGNAL STANDARD
- ◐ tsc EXISTING TRAFFIC SIGNAL CONTROLLER
- ◐ tcb EXISTING TRAFFIC CONTROL BOX

- ◐ fab EXISTING FIRE ALARM BOX
- ◐ lb EXISTING LIGHT BOX
- ◐ dts EXISTING DEPT. OF TRANSPORTATION SERVICES BOX
- pm EXISTING PARKING METER
- ◐ EXISTING SIGN
- ◐ sls EXISTING SIGN ON STREET LIGHT STANDARD
- ◐ mh EXISTING MANHOLE
- ◐ mh ADJUSTED MANHOLE
- ◐ Mtmh EXISTING MAINTENANCE MANHOLE
- ◐ mb's EXISTING MAIL BOXES
- ◐ gp EXISTING GUY POLE
- 12.6% EXISTING SLOPE AND DIRECTION OF FLOW
- 11.0% NEW SLOPE AND DIRECTION OF FLOW
- 8"S----- EXISTING SEWER LINE
- 12"W----- EXISTING WATER LINE
- 12"D----- EXISTING DRAIN LINE
- ts----- EXISTING TRAFFIC SIGNAL CONDUIT
- 1"G----- EXISTING GAS LINE
- e----- EXISTING UNDERGROUND ELECTRIC CONDUIT
- t/catv----- EXISTING TELEPHONE/CABLE TV CONDUIT
- t----- EXISTING UNDERGROUND TELEPHONE CONDUIT
- AT&T----- EXISTING AT&T CONDUIT
- AREA TO BE REPAVED

APPROVED BY:

CHIEF, TRAFFIC SIGNALS TECHNOLOGY DIVISION
DEPARTMENT OF TRANSPORTATION SERVICES

DATE



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

signature
8/30/10
ATA AUSTIN, TSUTSUMI & ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS

REVISION	DATE	DESCRIPTION	ENGINEER	APPROVED

DEPARTMENT OF TRANSPORTATION SERVICES CITY & COUNTY OF HONOLULU

TRAFFIC CONTROL SIGNALIZATION
AT VARIOUS LOCATIONS ON OAHU, PHASE X
FEDERAL-AID NO. STP-0001(36)

GENERAL PLAN AND LEGEND

DESIGN	LHY
DRAWN	LHY
CHECKED	KKN
DATE	08/04/08

C-2

SHEET 2

OF 42 SHEETS

PROJECT NO.	FILE	DRAW	FOLDER

FILE	POCKET	FOLDER	NO.