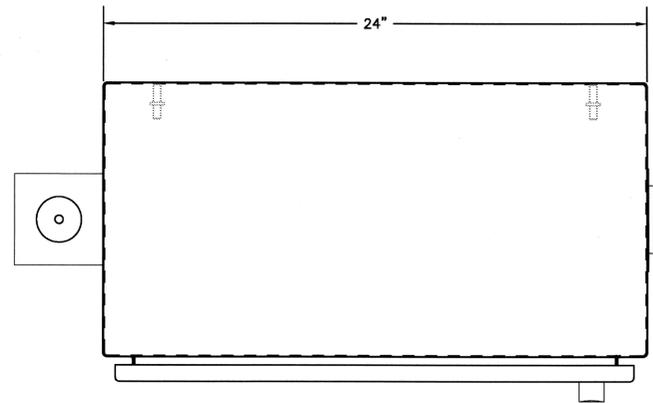
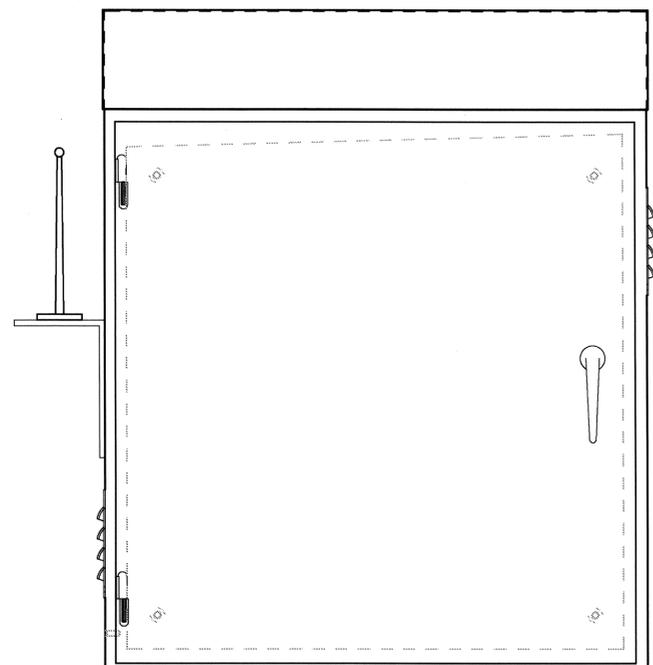


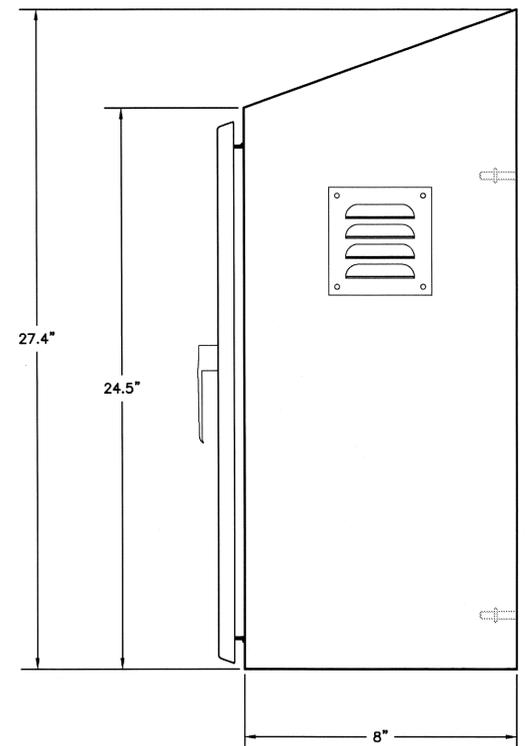
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-0300(115)	2009	33	36



TOP VIEW



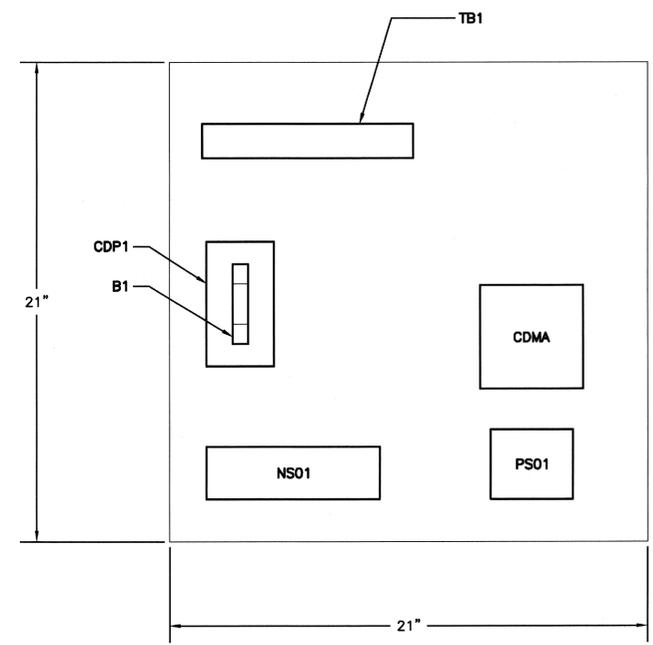
FRONT VIEW



SIDE VIEW

1 DETAIL - CABINET
2,5,8,12,15,16,20,24,27 1/4" = 1"

REFERENCE	QTY	DESCRIPTION	MANUFACTURER	PART NUMBER
CABINET	1	STAINLESS STEEL ENCLOSURE	HOFFMAN (OR EQUAL)	WS24240BSS
EXHAUST	1	EXHAUST PACKAGE	HOFFMAN (OR EQUAL)	TEP4UL12
FAN	1	COOLING PACKAGE	HOFFMAN (OR EQUAL)	TFP41UL12
HANDLE	1	PADLOCKING HANDLE KIT	HOFFMAN (OR EQUAL)	WSHPL
MOUNT	1	MOUNTING BRACKET KIT	HOFFMAN (OR EQUAL)	CMFKSS
PANEL	1	EQUIPMENT PANEL	HOFFMAN (OR EQUAL)	A24P24
THERMOSTAT	1	TEMPERATURE CONTROL SWITCH	HOFFMAN (OR EQUAL)	ATEMNO



2 DETAIL - PANEL AND EQUIPMENT
27/27 1/4" = 1"

REFERENCE	QTY	DESCRIPTION	MANUFACTURER	PART NUMBER
B1	1	20A, 1P MAIN BREAKER	SQUARE D (OR EQUAL)	-
CDMA	1	CDMA WIRELESS UNIT	TBD	TBD
CDP1	1	1 CCT LOAD CENTER	SQUARE D (OR EQUAL)	Q01L30S
FUSES	AS REQ	DIN RAIL FUSES	SQUARE D (OR EQUAL)	-
NS01	1	16 PORT INDUSTRIAL NETWORK SWITCH	N-TRON (OR EQUAL)	516TX
PS01	1	24V DC, 30W POWER SUPPLY	B & B ELECTRICAL (OR EQUAL)	PS5R-SC24
TB1	AS REQ	WDU6 TERMINAL	WEIDMULLER (OR EQUAL)	AS REQ
		WEP6 GROUND TERMINAL		
		WAP 2.5-10 END SECTION		
		WTW 2.5-10 END SECTION		
		WEW 35.2 END BRACKET		
		WSI 6/2 FUSE TERMINAL		
		WQV4 JUMPER BAR		
TS35 MOUNTING RAIL				

EQUIPMENT LIST

ALL EQUIPMENT IS PROPOSED UNLESS NOTED OTHERWISE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS
CABINET & EQUIPMENT LAYOUT

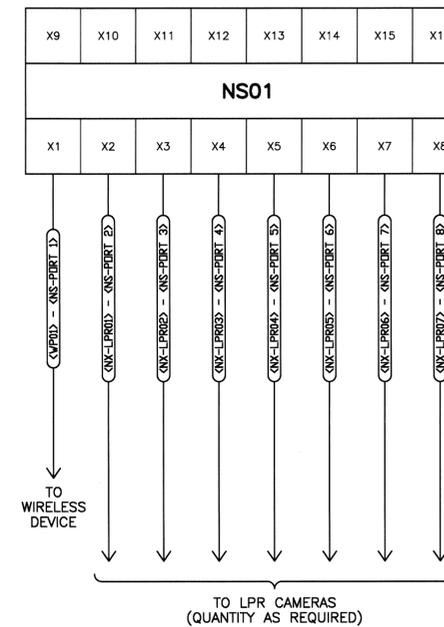
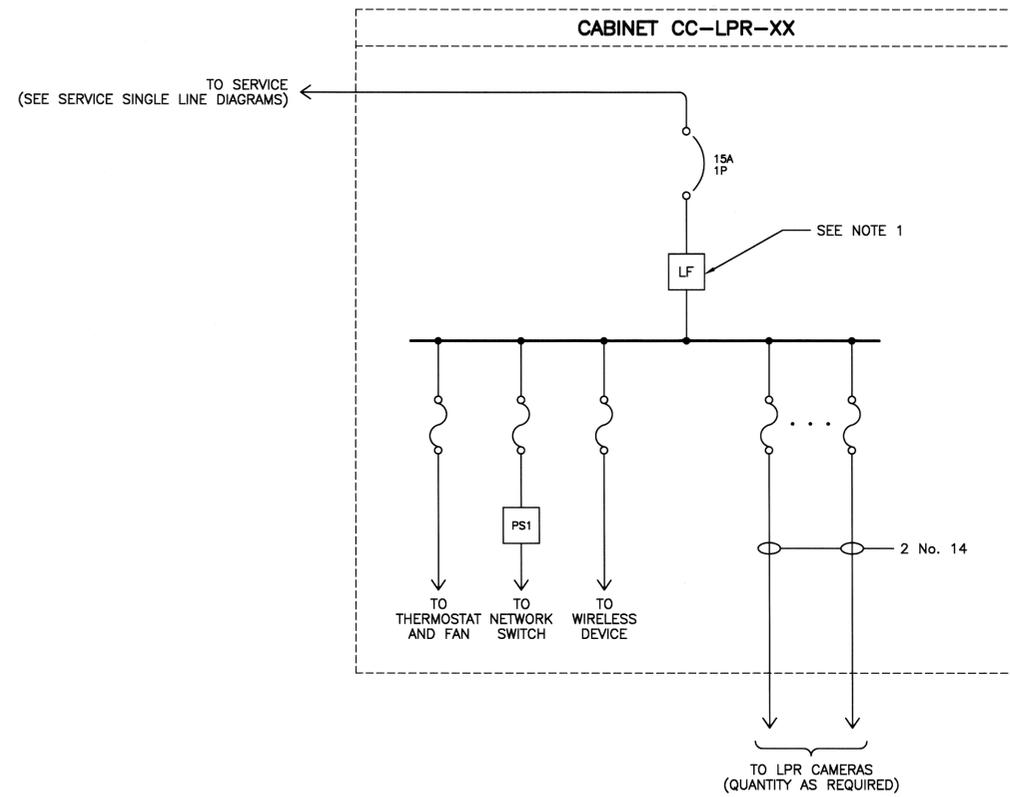
FREWAY MANAGEMENT SYSTEM PHASE 1B
TRAVELER INFORMATION SYSTEM, UNIT 3
ITS EQUIPMENT INSTALLATION

F.A.P. NO. IM-0300(115)

SCALE: 1/4" = 1" DATE: DEC 2008

SHEET No. E-27 OF 36 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-0300(115)	2009	34	36



DETAIL 1 CABINET WIRING
N.T.S. 2728

NOTES:

1. CABINETS SHALL BE PROVIDED WITH APPROPRIATELY SIZED LINE FILTERS AND LIGHTNING ARRESTORS.
2. CABINETS SHALL BE GROUNDED ACCORDING TO NEC.

ALL EQUIPMENT IS PROPOSED
UNLESS NOTED OTHERWISE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**WIRING DIAGRAM
CABINET**

FREeway MANAGEMENT SYSTEM PHASE 1B
TRAVELER INFORMATION SYSTEM, UNIT 3
ITS EQUIPMENT INSTALLATION

F.A.P. NO. IM-0300(115)

SCALE: NONE DATE: DEC 2008

SHEET No. E-28 OF 36 SHEETS



Erin Ehlinger
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION