

DATE	=	=	=	=	=		
SURVEY PLOTTED BY	DRAWN BY	TRACED BY	DESIGNED BY	QUANTITIES BY	CHECKED BY		
ORIGINAL			NOTE BOOK		No.		

SANDWICH ISLES COMMUNICATIONS, INC.

''AS-Bl

DATE

 $\top$  11

SIGNATURE

		FED. ROAD DIST. NO. HAWAI'I	STATE HAW.	FED. AID PROJ. NO. ARR-050-1(036)	FISCAL YEAR FY13/14	SHEET NO. Model	TOTAL SHEETS 50	
	<u>Notes</u> :							
atch	1. Concrete Shall H	Have A Con	npress	sive Strength	of 5,	000 P	SI At	
	28 Days. 2. All Reinforcing S Conforming To Noted. Place ACI-315 & A	ASTM A706 ment Of Re	W Grc ebars	ide 60 Unles Shall Be In	s Othe Accord	rwise Iance I	Nith	
en	Grease Or Other Bends Shall Be 3. All Reinforcing B Reinforcing Shall (18) Inches, White Be Made Away H 4. Concrete Cover	Made Cold. Bars Shall B Be Lapped chever Is G From Point	e Acc d 40 Sreater Of M	curately & So Bar Diameter At Splices. aximum Stre	ecurely rs Or 1 All Sp ss.	Place Eightee lices S	n	
	Minimum.		5					
	5. Allow Concrete Shipping.		Minim	um Ot / Daj	ys Pric	r IO		
		HS20-44 L	0	ove The Wa	ter Tal	ole = 6	50	
	C. Soil Unit 7. Manhole Shall No 8. Manhole Supplied	ot Be Place With D&L	d Bel Found	ow The Wate Try Frame &	Cover		#	
erhent	A-1381 With Pen	ια πεάά δο	MIS	JIL ** U-0000	5-01			
	Weight (lbs.) Co	ncrete (C.)	<pre>/.)</pre>					
Base	3,900	0.87		Reinforcir	0			
Roof	1,800	0.38				65 lbs. 60 lbs.		
Riser	600	0.15		1" Ramne	k = 13	еа.		
@ 4''X8	'' WWF <u>4 1/</u>	2''						
). <i>C.E.W</i> .	2 1/4''	 			4 1/2''	->		
Detail	1 1/2	1/2''	' Ram	nek				
8'' O.C.	., Horiz.							
nators	1/2''	<	1 / 0 //	Inside /'		Out	side	
ator	2 Joir	<→ Bron 1/4'' Wela	1/2''ø nze Ins 'ed To	serts, <sup>I</sup> ogether	Found			
	$\setminus$			state of f RTMENT OF TF highways d SANDWICH	IVISION		J	
	THIS WORK WAS PREPARED OR UNDER MY SUPERVISION CONSTRUCTION OF THIS PR WILL BE UNDER MY OBSER'	BY ME I AND OJECT VATION.	OMM <u>Pha</u> Lifiu'e	UNICATIO DETA ASE 1 - KAUMU MILL BRIDGE	NS M ILS JALI'I HI TO RICI	'ANHC <u>ghway</u> <u>e stre</u>		

April 30, 2014

EXPIRATION DATE OF THE LICENSE

Scale: As Shown

PHASE 1 - HO'OMANA ROAD

SHEET No.C-35 OF 50 SHEETS

Model

Date: December 4, 2012