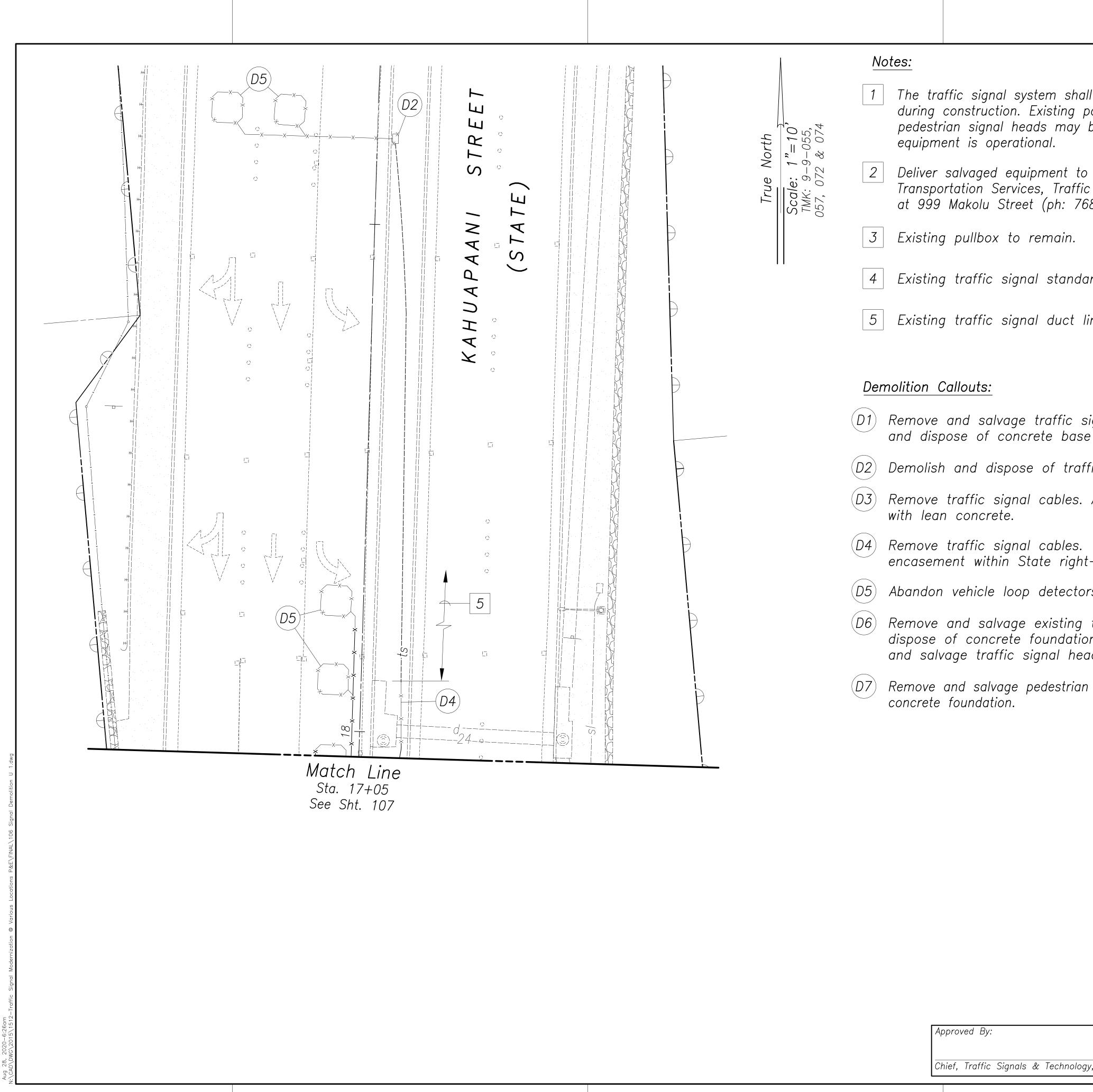


			FED ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			HAWAII	HAW.	STP-0300(163)	2020	105	284
							Scale: $1"=10'$	TMK: 9–9–055, 057, 072 & 074
<u>No</u>	<u>tes:</u> One exist pole) pro at the in	vides power tersections with Halaw	n Electric Co source for of Kahuapaa a Valley Stre	three ni Stre	(3) traffic et with Ulu	signal ne St	syste reet,	rms Ulune
2	debris co	llecting in p	, the Contra oull boxes ar ious contract	nd con	duits. This			
3	conduit le three (3)	ocations for traffic sigr	, the Contrac Circuits #1, nal systems. can be rem	#2, 8 The (& #3 provid Contractor :	ling p shall v	ower verify	
	conduit)	from existin	ng conduits t Tious contract	o rem	ain. This v			e
	conduit)	from existin	ng conduits t rious contract	o rem titems depart	ain. This v	waii Anspor NAL	shall b RTATIOI	N AN



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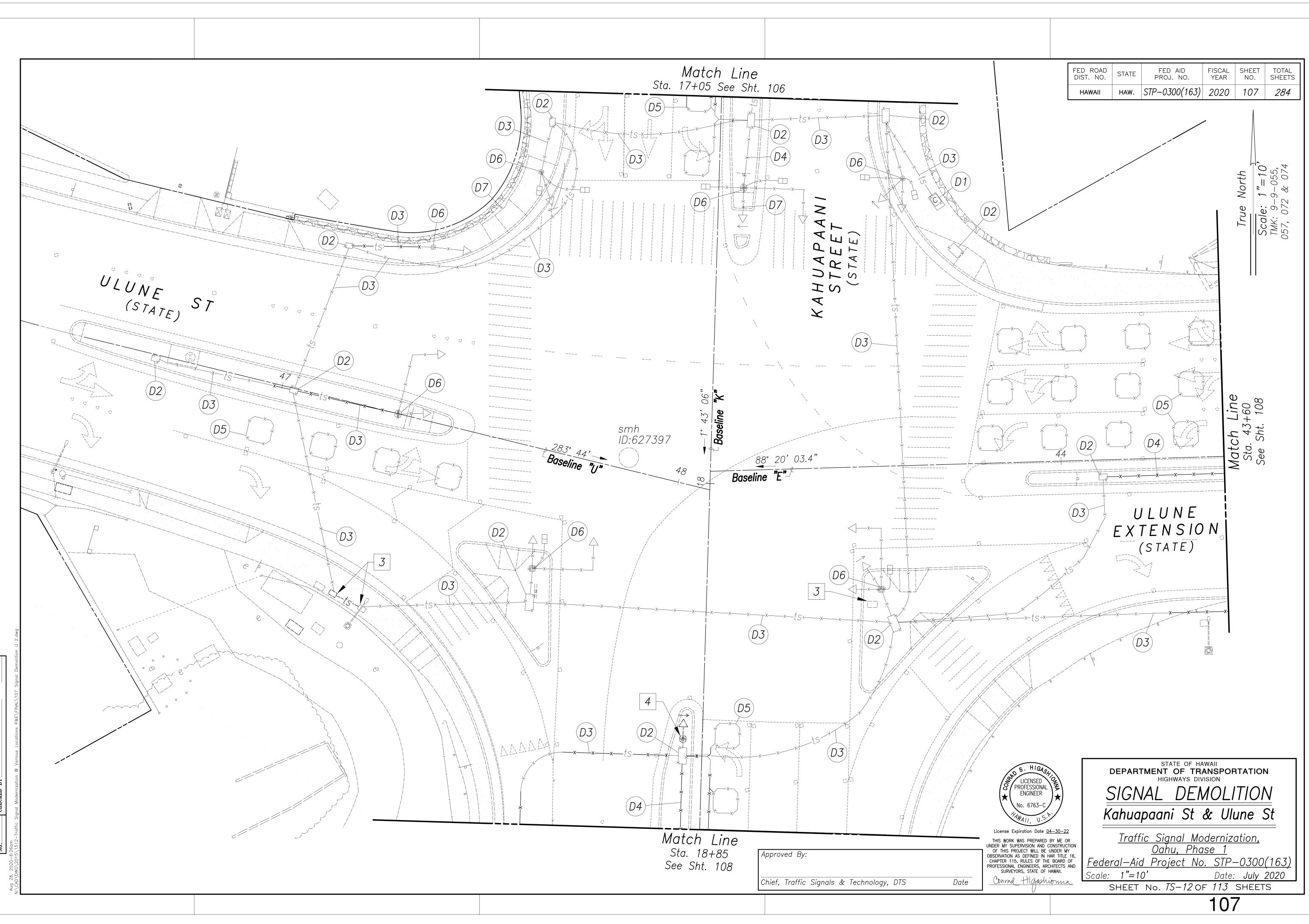
ATA

SURVEY DRAWN TRACED DESIGNI QUANTIT

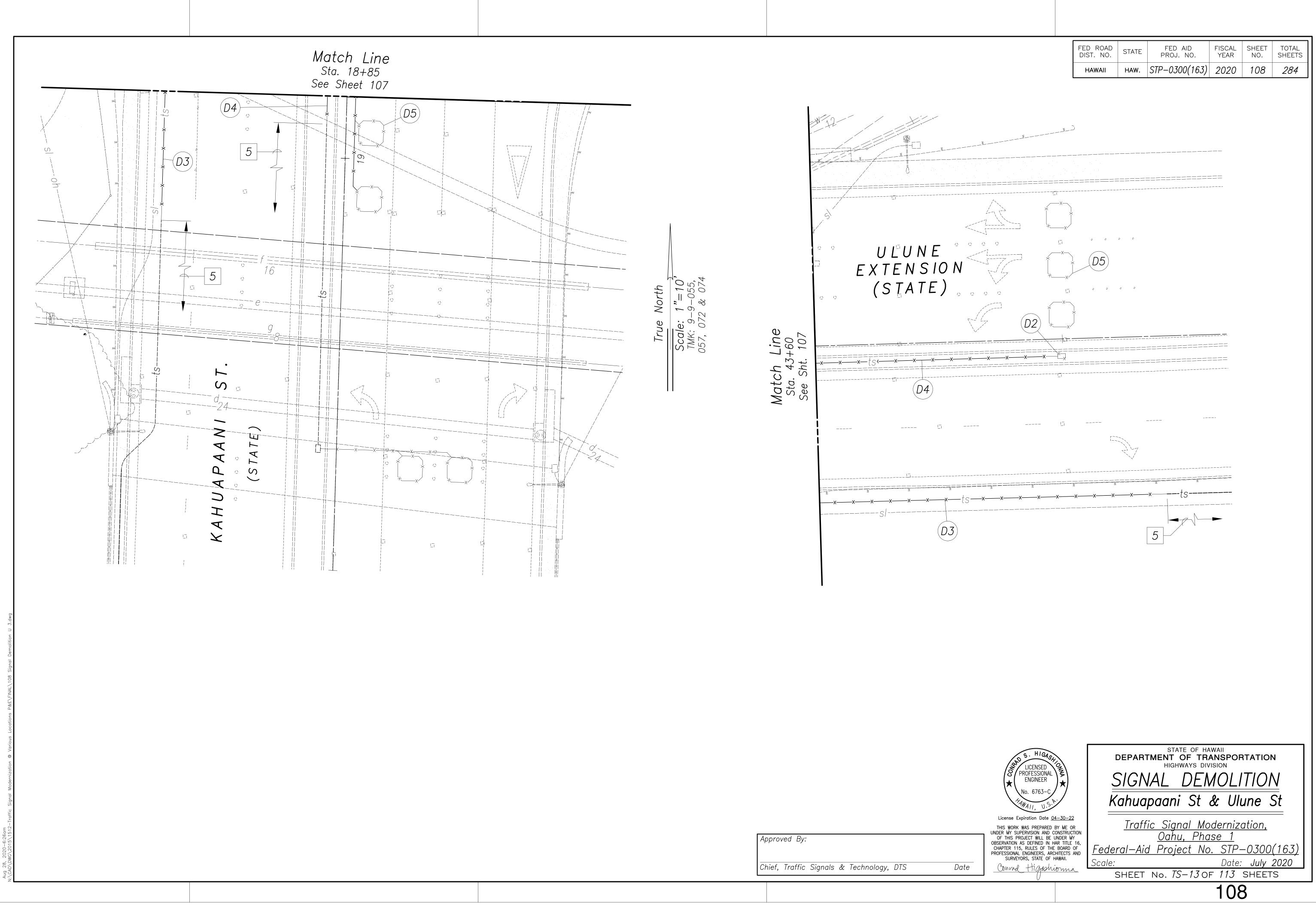
ORIGINAL PLAN NOTE BOOK

Approved	By:

	FED ROAD DIST. NO. STATE	FED AID FISCA	
nall remain operational at all times poles, traffic signal lights, and y be removed only after new		PROJ. NO. YEAR STP-0300(163) 2020	
y be removed only after new			
to C&C of Honolulu, Dept. of fic Signal & Technology baseyard 768—5323).			
dard to remain.			
line to remain.			
signal controller and cabinet. D use one foot below finish grade.	molish		
affic signal pullbox.			
s. Abandon ducts in place. Fill a	ıcts		
s. Remove entire duct line and o ht–of–way.	oncrete		
tors in place.			
g traffic signal standard. Demolisi tion two feet below finish grade. eads and pedestrian signal heads			
an push button. Demolish and dispo	se of		
S. HIGASH S. HIGASH S. HIGASH LICENSED PROFESSIONAL ENGINEER	\mathbf{A}	STATE OF HAWAII MENT OF TRANSPORT HIGHWAYS DIVISION	
No. 6763-C		paani St & U	
License Expiration Date <u>04–</u> THIS WORK WAS PREPARED BY UNDER MY SUPERVISION AND CON OF THIS PROJECT WILL BE UN	<u>D-22</u> le or RUCTION R MY	i <u>c Signal Moderni</u> Oahu, Phase 1	
OBSERVATION AS DEFINED IN HAR CHAPTER 115, RULES OF THE E PROFESSIONAL ENGINEERS, ARCHI SURVEYORS, STATE OF HAN TOgy, DTS Date Convad Higherio	ITLE 16, RD OF I. Scale:	<mark>Project No. STI</mark> Dat	e: July 2020
	SHEET	No. <i>TS</i> -11OF 113	



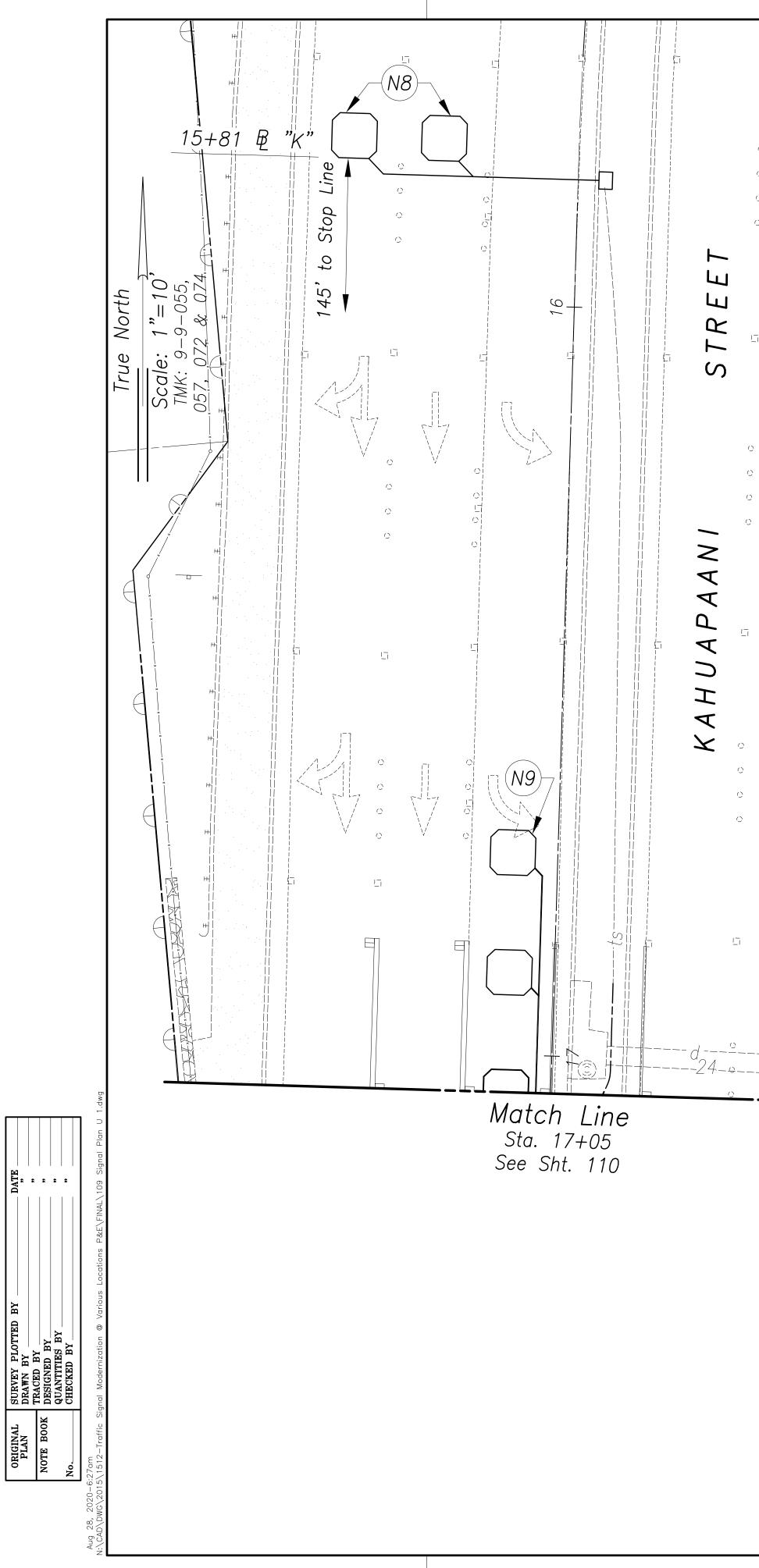




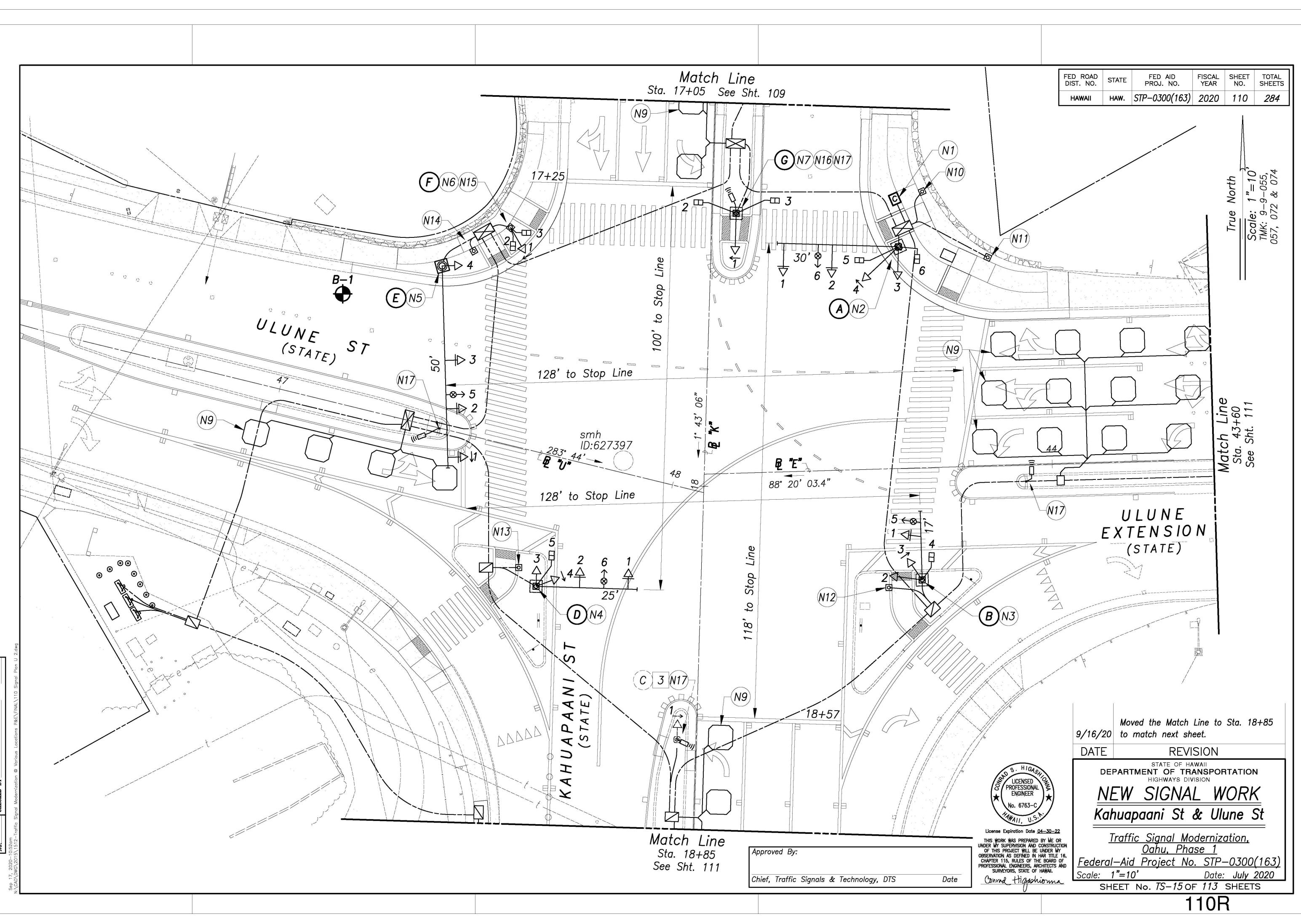
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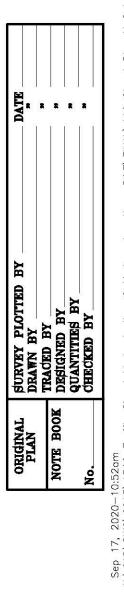
SURVEY PLOTTEI DRAWN BY TRACED BY DESIGNED BY QUANTITIES BY CHECKED BY

PLAN NOTE BOOK

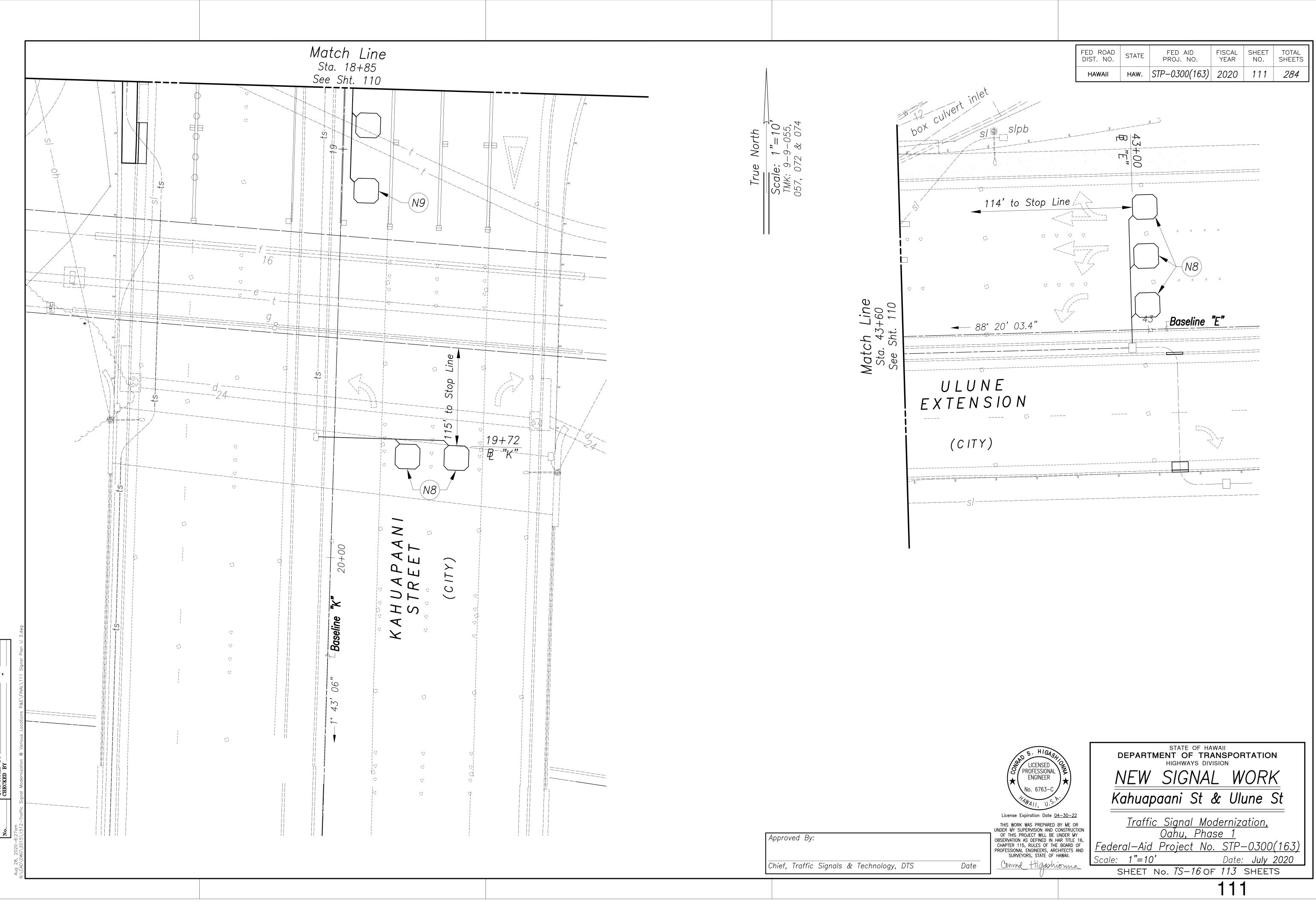


		<u>Notes:</u>			FED ROAD DIST. NO. STA	PROJ. NO. YE	SCAL SHEET TOTAL EAR NO. SHEETS
	\rightarrow	1 Tie–down of traffic signal standards is to center of vertical pole Tie–down of pullboxes is to center of box.		DRILL		w. STP-0300(163) 20 FOUNDATIONS	
		2 For location of traffic signal pullboxes, see New Duct Line Work.		for Type	II Traffic S	Signal Stando	ards
	\ominus	3 Type I Traffic Signal Standard to remain.	I.D. LABEL	SOIL TYPE GRADE		DRILLED SHAFT	DRILLED SHAF
		4 See sheet 116 for new signal work schedules.		Stiff	(feet)	(inches)	(feet)
		<u>New Signal Work Callouts:</u>		Clays Level	30	30	7
		N1 Install Controller Assembly with Software 17+27.51 ₽ "K" (45.07' Lt.)		Stiff Clays Level Stiff	17	30	6
	\overline{r}	N2 Install Type II Traffic Signal Standard with 30−foot mast arm and drilled shaft foundation. 17+39.33 ₽ "K" (46.34' Lt.)	(F)**	Clays Level Stiff	25 50	30 	6 18
		N3 Install Type II Traffic Signal Standard with 17−foot mast arm and drilled shaft foundation. 18+21.52 ₽ "K" (54.67' Lt.)	For a		oundation deta	ails, see 2008 Si	tandard Plans
		N4 Install Type II Traffic Signal Standard with 25–foot mast arm and drilled shaft foundation. 18+26 B "K" (40.75' Rt.)	** For a	drilled shaft f		ails, see structur foundation.	ral drawings
		N5) Install Type II Traffic Signal Standard with 50−foot mast arm and drilled shaft foundation. 17+47.44 ₽ "K" (63.33' Rt.)	Log of	Approxir		face Elevation (feet : Not encountered	MSL): 116
		N6 Install Type I Traffic Signal Standard, 10−feet height, with foundation. 17+37.43 段 "K" (49.71' Rt.)	Boring 1	6-inch CONC	DES	SCRIPTION	
	\overline{r}	N7 Install Type I Traffic Signal Standard, 10−feet height, with foundation. 17+15 段 "K" (5.3' Lt.)		Reddish brow silt, medium	ın GRAVELLY SANı dense, moist (fil		
		N8 Install Loop Detector Sensing Unit (6 Ft. x 6 Ft.) 1 Loops centered in lane	5	∖moist (fill) Brownish red	with multi-color	red mottling SILTY CLAY with	
	P	N9 Install Loop Detector Sensing Unit (6 Ft. x 6 Ft.) 4 Loops centered in lane	10		iff, moist (residuo Irplish brown, har		
		N10 Install pedestrian push button PPB—1, ADA compliant, on a pedestal with foundation.	15				
		N11 Install pedestrian push button PPB–2, ADA compliant, on a pedestal with foundation.		Reddish brow (saprolite)	ın SILTY SAND wi	th some gravel, ver	y dense, moist
		$\underbrace{\text{N12}}$ Install pedestrian push button PPB–3, ADA compliant, on a pedestal with foundation.	20	Cray vacioula	T DASALT DOVORO	ly to moderately fro	acturad
		N13 Install pedestrian push button PPB-4, ADA compliant, on a pedestal with foundation.	25	,	o highly weathere	ed, medium hard to	
		N14 Install pedestrian push button PPB–5, ADA compliant, on a pedestal with foundation.		Boring termir	nated at 28 feet		
		N15 Install pedestrian push button PPB—6, ADA compliant, on Type I traffic signal standard.		S. HIGASL	DEP	STATE OF HAWAII ARTMENT OF TRANS	
		N16 Install pedestrian push button PPB–7, ADA compliant, on Type I traffic signal standard.		Contraction of the second sec	Ĩ ★ <u>NE</u>	HIGHWAYS DIVISION	WORK
		N17 Install temporary Approach—Only Microwave Vehicle Detector on new sign post or new traffic signal standard.		License Expiration Date <u>04</u> THIS WORK WAS PREPARED B UNDER MY SUPERVISION AND CO	<u>30-22</u> BY ME OR	uapaani St & affic Signal Moder	rnization,
		Approved By:		OF THIS PROJECT WILL BE UN OBSERVATION AS DEFINED IN HA CHAPTER 115, RULES OF THE PROFESSIONAL ENGINEERS, ARCH SURVEYORS, STATE OF HA COMVAL HIGADHM	NDER MY AR TITLE 16, BOARD OF HITECTS AND AWAII. Scale: 1"		<u>STP-0300(163)</u> Date: July 2020
		Chief, Traffic Signals & Technology, DTS	Date		SHE	ET No. <i>TS-14</i> OF 1	<i>13</i> sheets 09





ORIGINAL PLAN NOTE BOOK

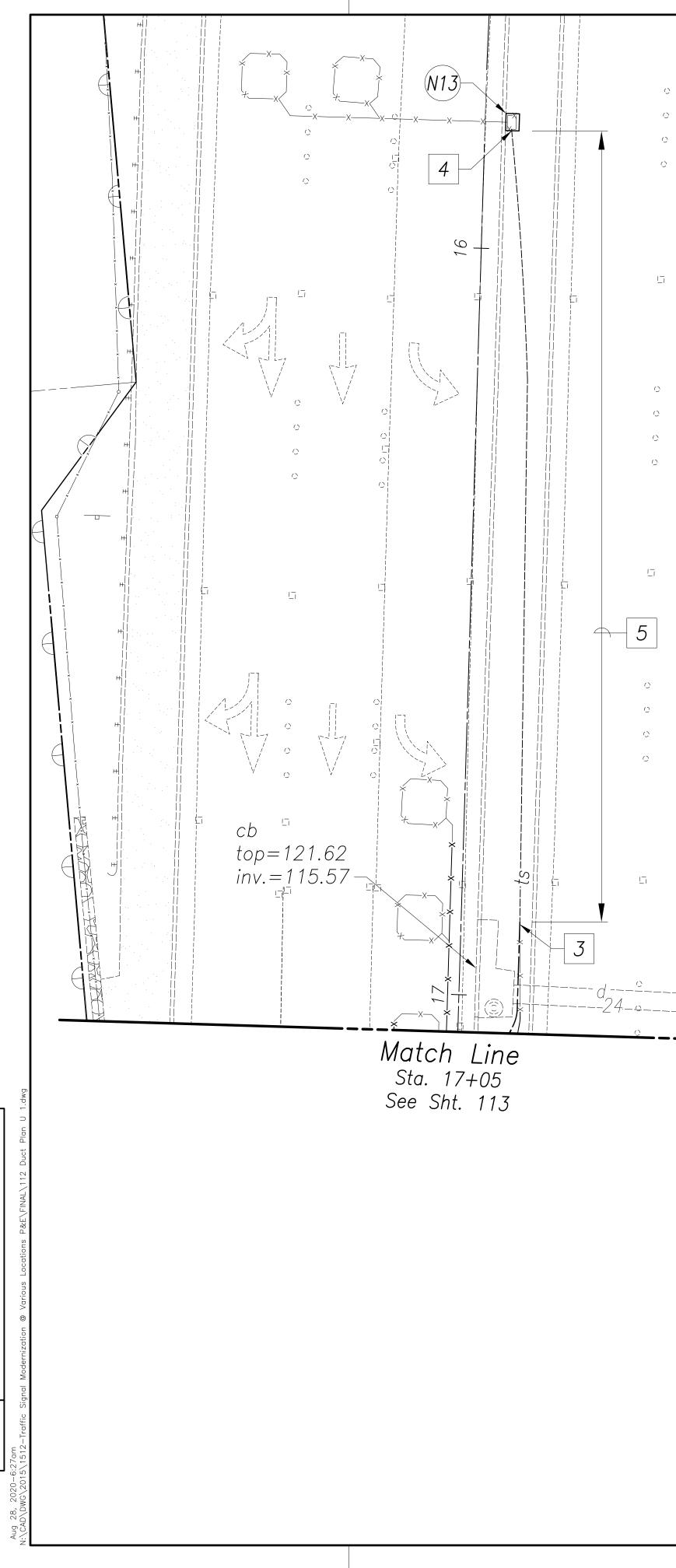


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 PLOTTED
 BY
 DATE

 PLAN
 DRAWN BY
 DRAWN BY
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 NOTE BOOK
 DESIGNED BY
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 CHECKED BY
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			Not	otes:	
			1	Existing power source. See drawings E-11 th	าru
ΕJ			2	New power source for three traffic signals.	See
STREET		North 1"=1(2 & 0755	3	Intercept existing 2—inch traffic signal duct ar	пd
S T		True MK: 9- 07, 07.	4	Intercept existing 2—inch traffic signal duct ar	пd
_			5	Existing traffic signal duct line to remain.	
AANI	(STA		6	Existing traffic signal pull box to remain.	
đ			7	Existing street light pull box to remain.	
КАНИА			8	See sheet 116 for new duct line work schedu	iles
KA			9	See Duct Layout Plans for horizontal alignmen for vertical alignment.	ıt
			10	Precast pull boxes shall be set on six (6) inche crushed rock fill, 3/4 inch to one (1) inch size, beyond the pull box on each side. Granular fill minimum of four passes with a plate type vibrat	, e sł
		À	New	w Duct Line Work Callouts:	
			(N1)	Install Type C Pullbox PB−1. 17+34.73 🖡 "	K"
			(N2)	Install Type B Pullbox PB−2. 18+28.70 ₽ "i	K"
		\rightarrow	(N3)	Install Type B Pullbox PB−3. 18+82 🖗 "K"	(5
			N4)	Install Type B Pullbox PB−4. 18+21.72 🖗 "	Κ"
		$\left \right\rangle$	N5	Install Type C Pullbox PB−5. 17+85.87 🖗 "	K"
		= 121.07 = 115.03	<u>N6</u>	Install Type C Pullbox PB−6. 17+38.67 🖗 "	K"
			(N7)	Install Type C Pullbox PB−7. 17+15 🛱 "K"	(5
			N8	Install Type A Pullbox PB−8. 43+98 🖗 "E"	(4
			N9	Install Type A Pullbox PB−9. 43+04 🖗 "E"	(4
			N10	Install Type A Pullbox PB—10. 42+82 🖗 "E"	(3
			N11	Install Type B Pullbox PB−11. 46+78.20 🖗 "	' U''
			N12	Install Type B Pullbox PB—12. 18+82.25 🛱 "	К"
			N13	Install Type A Pullbox PB—13. 15+83± 🖗 "K	" (

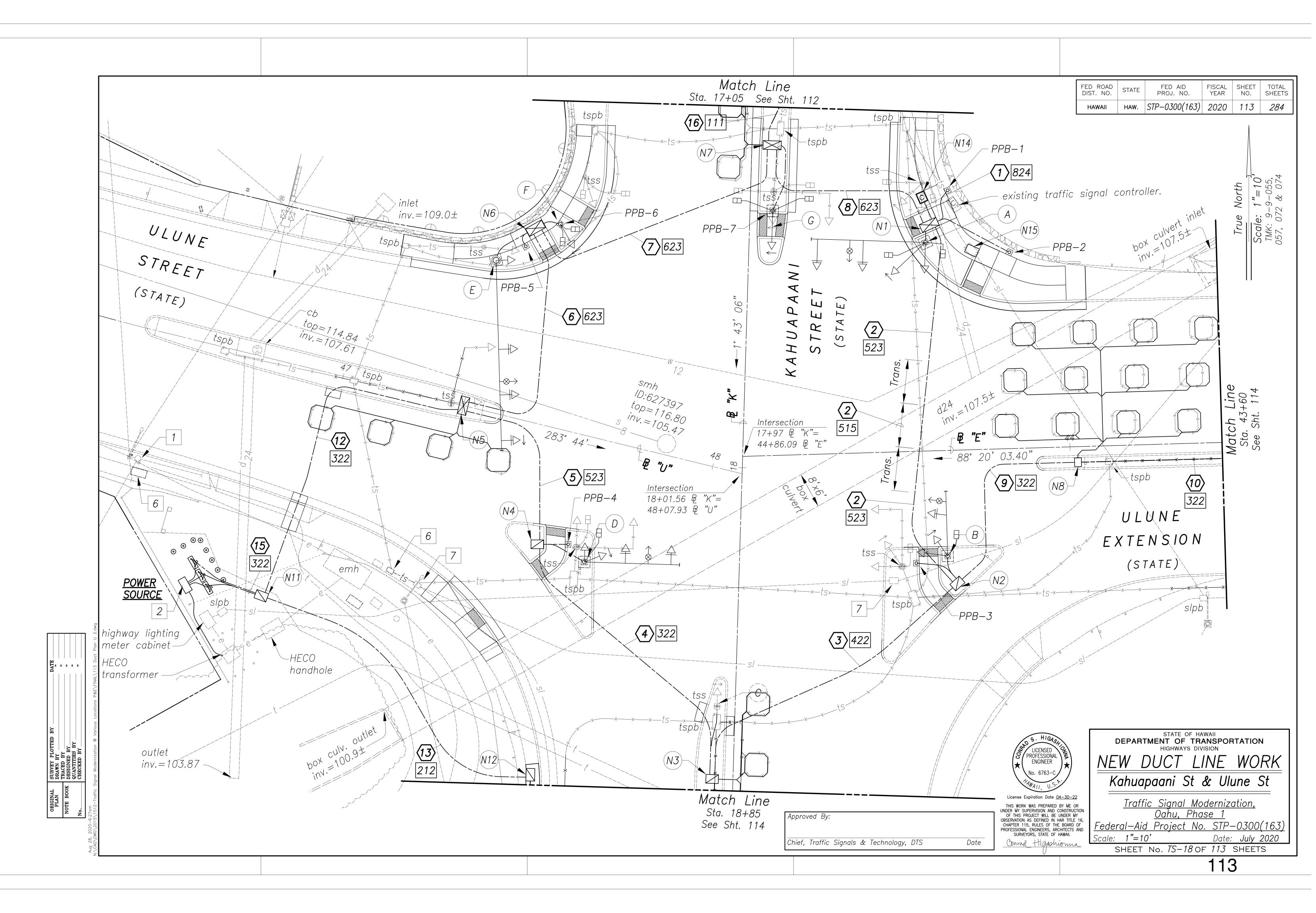
N14 New traffic signal controller. 17+27.51 B "K" (

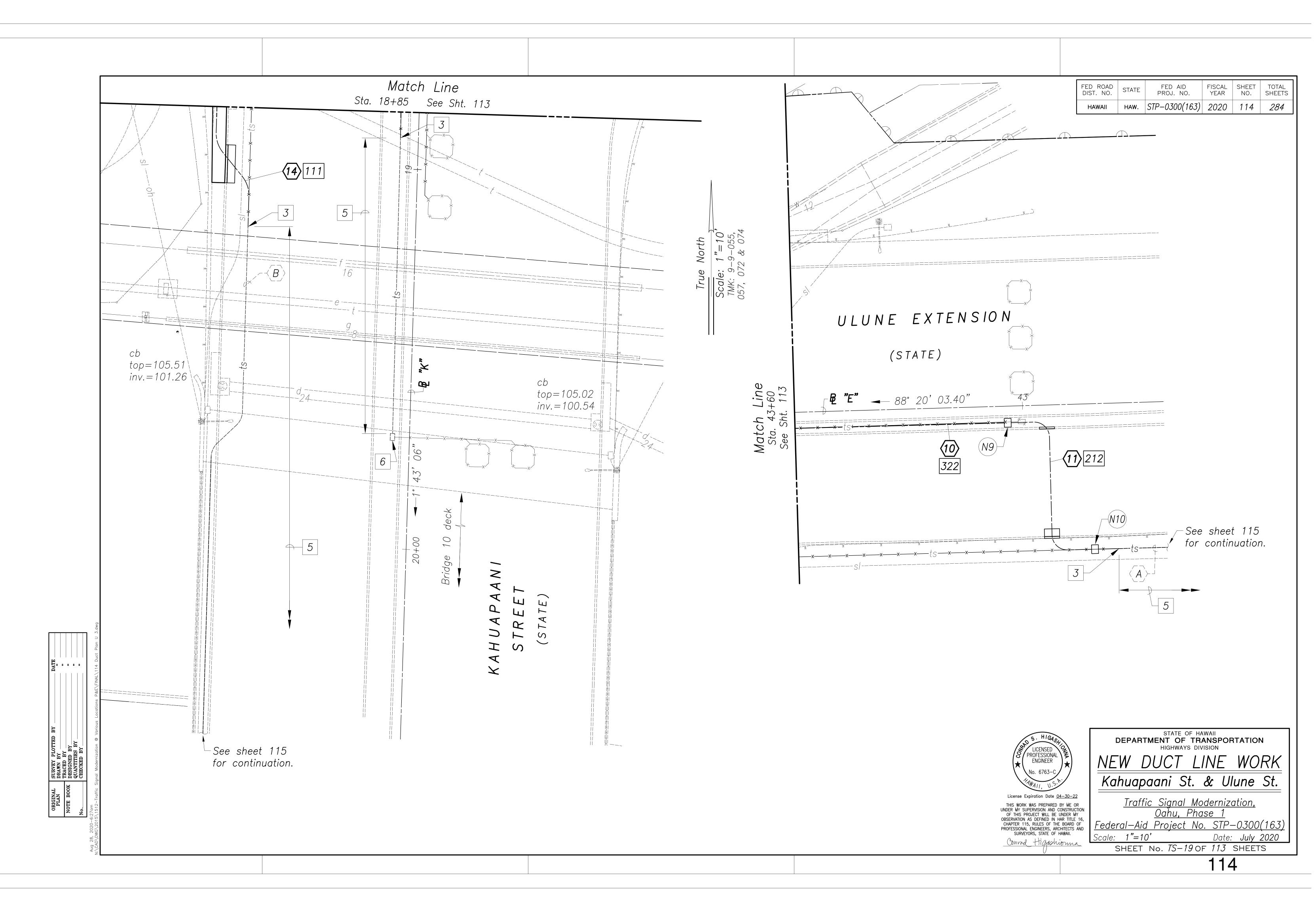
N15 Remove existing street light pull box and install flush with finish grade. Maintain existing circuits

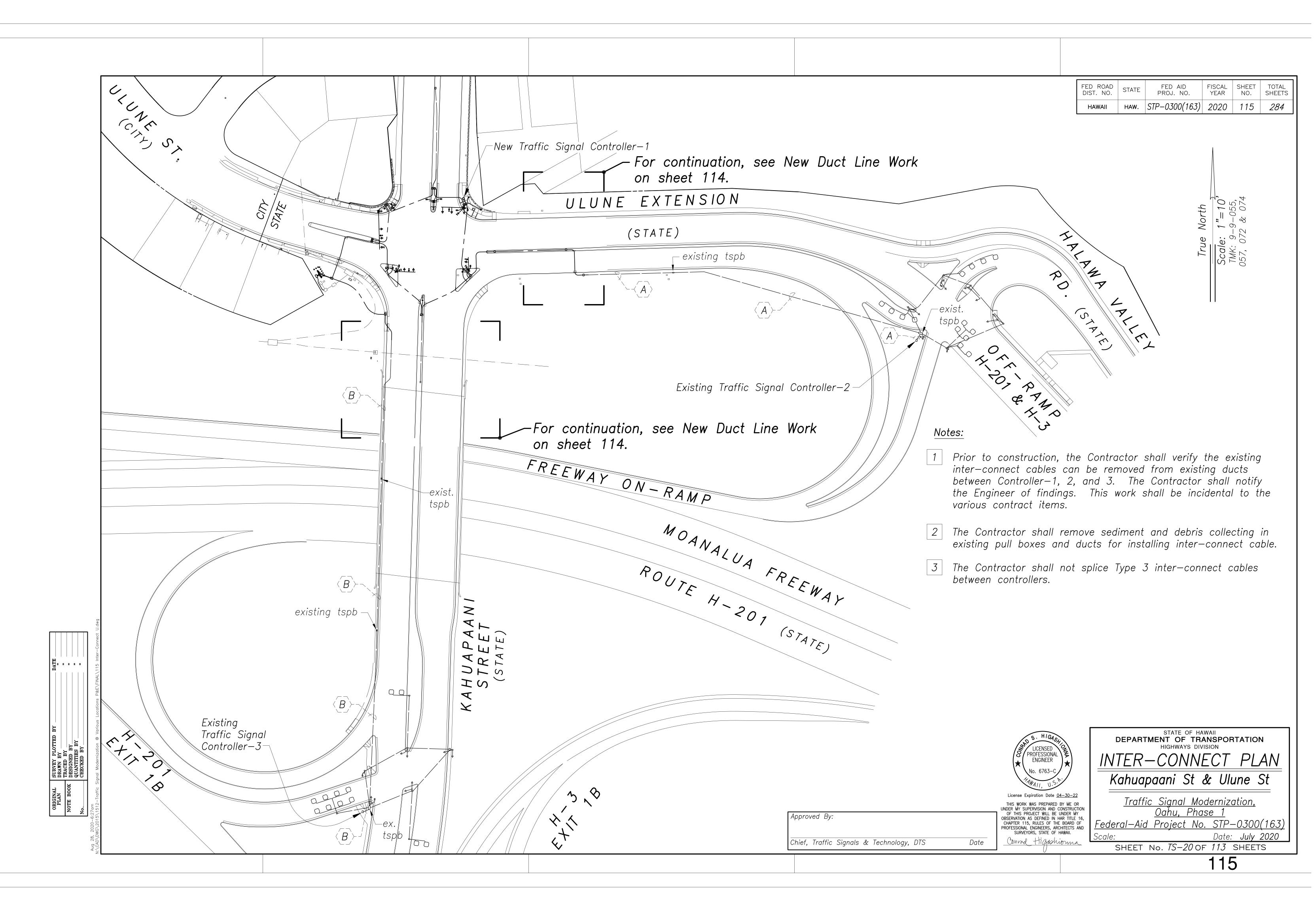
Approved By:

Chief, Traffic Signals & Technolog

	FED ROAD	STATE	FED AID	FISCAL	SHEET	TOTAL
u E—15.	DIST. NO. HAWAII	HAW.	PROJ. NO. STP-0300(163)	YEAR 2020	NO.	SHEETS 284
e drawings E—11 thru E—15.						
l connect to new ducts.						
l connect to new pullbox.						
es.						
tie—down and Duct Profiles						
of level, 95% compacted extending twelve (12) inches shall be compacted by a r.						
"(47.21'Lt.)						
" (57.44' Lt.)						
5.5' Lt.)						
" (53.26' Rt.)						
" (73.72' Rt.)						
" (56.21' Rt.)						
5.30'Rt.)						
4.10'Lt.)						
4.4'± Lt.)						
38'± Lt.)						
" (57.45' Rt.)						
" (53.09' Rt.)						
$(3.7' \pm Lt.)$		DEPAR	STATE OF H TMENT OF TR HIGHWAYS DI	ANSPO	RTATIO	N
" $(45.07' Lt.)$ LICENSED " $(45.07' Lt.)$)*) <u>INE</u>		DUCT L	INE		
I new Type B pullbox	4-30-22		fic Signal Ma			St
UNDER MY SUPERVISION AND CO OF THIS PROJECT WILL BE U OBSERVATION AS DEFINED IN HA CHAPTER 115, RULES OF THE	ONSTRUCTION JNDER MY AR TITLE 16, BOARD OF		<u>Oahu, Pha</u> d Project Na	<u>ase 1</u>		(16.3)
logy, DTS Date PROFESSIONAL ENGINEERS, ARCI SURVEYORS, STATE OF H Convad Higashi	Scale:		No. <i>TS</i> -170	Date	: July	2020
				112	_	

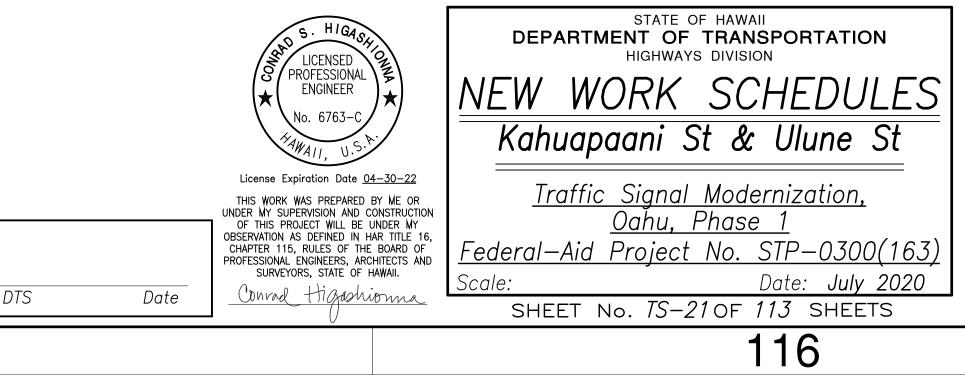


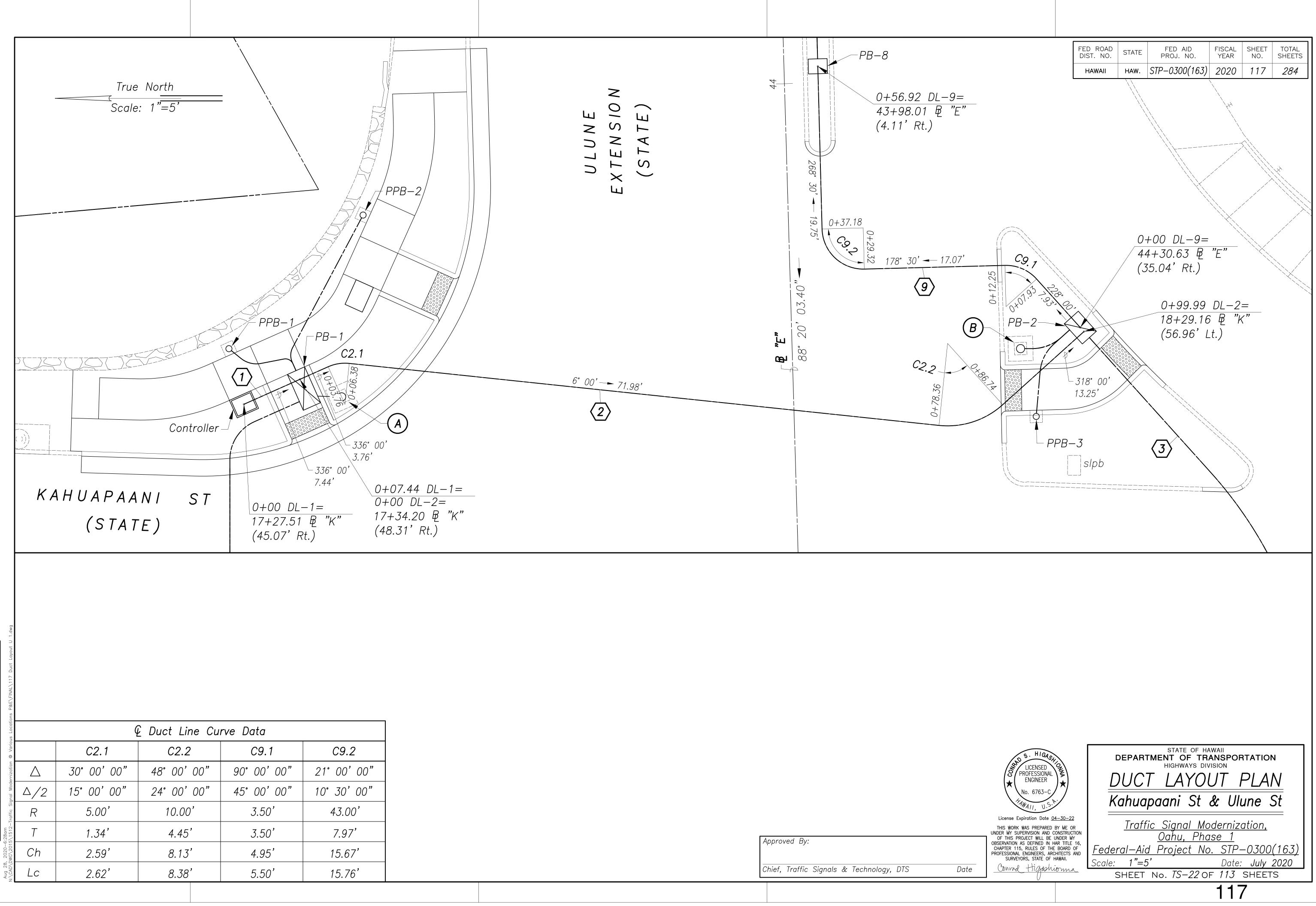




	1			CONDUIT-CAB	LE SC	HEDU	LE			SIGNAL HEAD	SCHEDULE
\bigcirc	FROM	ТО	CONDUIT	CABLE	\bigcirc	FROM	ТО	CONDUIT	CABLE	Head Type and Description	Pole Letter Signal Head
1	Control.	PB—1	New 8–2" Sch. 40 Concrete Encased	1—Type 1, Ground Wire 1—Type 1, Ground Wire 5—Type 2 5—Type 2 2—Type 3 1—Type 6	(7)	PB-6	PB-7	New 6–2" Sch. 40 Concrete Encased	1—Type 1, Ground Wire 3—Type 2 1—Type 3 1—Type 6 2—Type 7 Spare		Number A-1** A-2** A-3 D-1** D-2**
2	PB-1	PB-2	New 5–2" Sch. 40 Concrete Encased	4-Type 7 Spare 1-Type 1, Ground Wire 5-Type 2 1-Type 3	8	PB-7	PB—1	New 6–2" Sch. 40 Concrete Encased	5-Type 2 1-Type 3 1-Type 6 2-Type 7	R Red Ball Yellow Arrow (Left) ← Green Arrow (Left) 12" R←← Traffic Signal Head R Red Ball	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
3	PB-2	PB-3	New 4–2" Sch. 40 Concrete Encased	1—Type 7 Spare 1—Type 1, Ground Wire 2—Type 2	9	PB-2	PB-8	New 3–2" Sch. 40 Concrete Encased	Spare 2-Type 2 1-Type 3 1-Type 6	Y Yellow Ball G Green Ball 12" RYG Traffic Signal Head	B-2 E-3 D-3 E-
4	PB-3	PB-4	New 3–2" Sch. 40 Concrete Encased	1—Type 6 Spare 1—Type 1, Ground Wire 1—Type 6	(10) (11)		PB-9 PB-10	New 3–2" Sch. 80 New 2–2" Sch. 40	1—Туре 2 1—Туре 3 1—Туре 6 1—Туре 3	Countdown Pedestrian Signal Head * Existing signal he	A-5 F- A-6 F- B-4 G- D-5 G- ad to remain
5	PB-4	PB-5	New 5–2" Sch. 40 Concrete Encased	Spare 1—Type 1, Ground Wire 1—Type 2	(12)		PB-11	Concrete Encased New 3–2" Sch. 40	1-Type 6 1-Type 3	** Install Backplate Retroreflective Boi OPTICOM SC	rders
				1—Туре 6 1—Туре 7				Concrete Encased	1—Туре 6 1—Туре 6	Mounting Type	Pole Letter Opticom Nurr
6	PB-5	PB-6	New 6–2" Sch. 40 Concrete Encased	Spare 1—Type 1, Ground Wire 2—Type 2	(13) (14)	PB-11 PB-12	PB-12 Conn.	New 2–2" Sch. 40 Concrete Encased New 2–2" Sch. 40	1—Туре 3 1—Туре 6 1—Туре 3	Mast Arm, One–Way	A-6 D- B-5 E-3
				1-Type 3 1-Type 6 1-Type 7 Spare	(15)	PB-11	to exist. conduits	New 3–2" Sch. 40 Concrete Encased New 3–2" Sch. 40 Concrete Encased	1—Туре 6 1—Туре 6 1—Туре 6 1—Туре 6 1—Туре 6		
					$\langle A \rangle$	PB-10	To existing Control.	Existing 1-2"	1—Туре 3 1—Туре 6		
					$\langle B \rangle$	PB-12	To existing Control.	Existing 1-2"	1—Туре З 1—Туре 6	Approved By: Chief, Traffic Signals & Technology	, DTS [

FED ROAD DIST. NO.	STATE		FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	S	TP-0300(163)	2020	116	284
PEL	DEST	R	IAN PU	SH E	BUTTC	DN (
		•	SCHEDL	ILE		
Descri	ption		New Sig Work Ca		Ped	e or estal 8—#
			N10			estal 3—1
			N13			estal 3—4
			N15		F	PB-6
			N11			estal 3—2
			N12			estal 3—3
			N14			estal 3—5
			N16		GF	PB-7





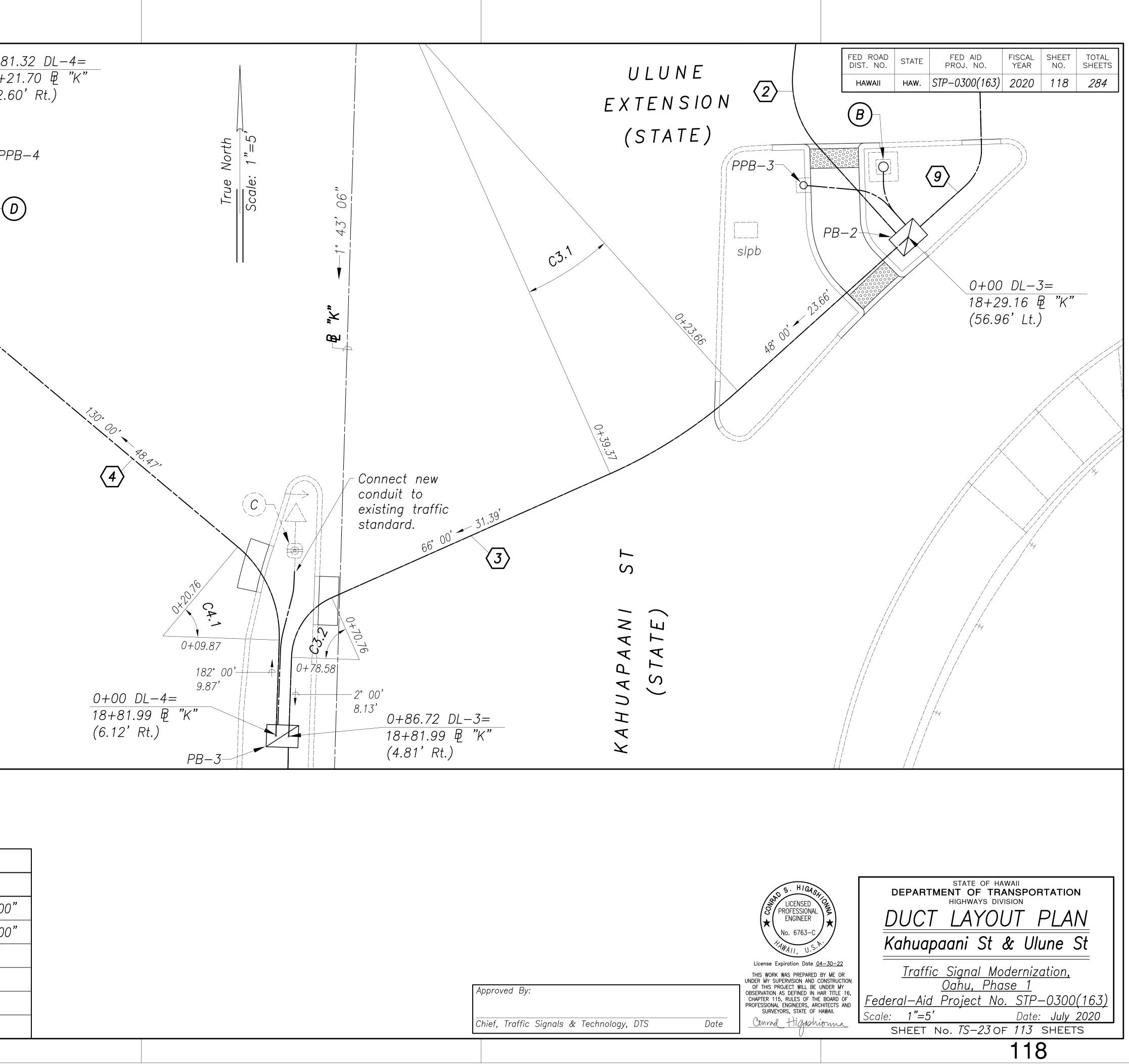
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ORIGINAL PLAN		NOTE BOOK		No.	-6:28am	

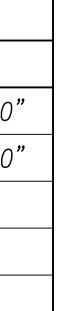
0"	
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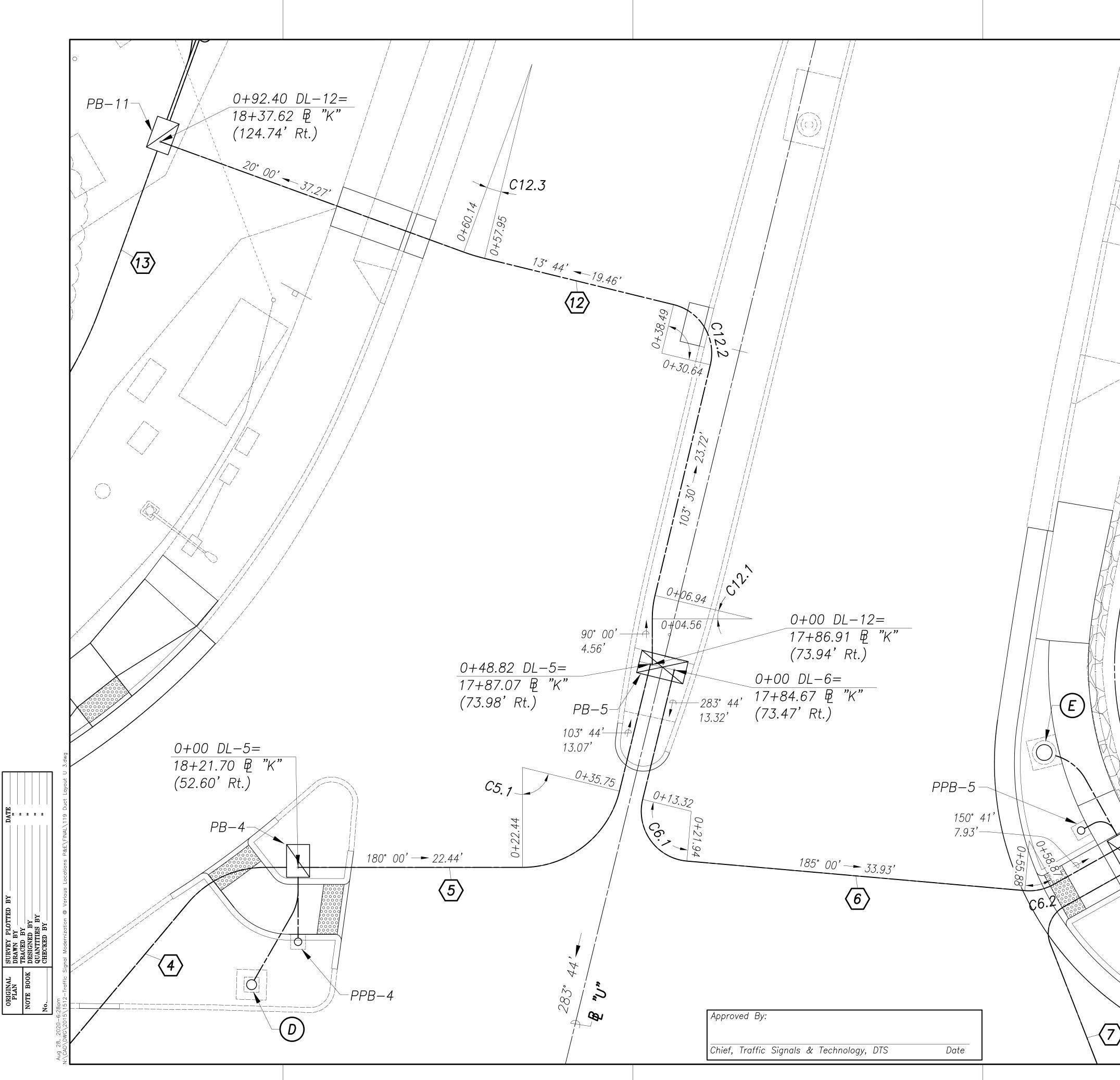
ULUNE STREET (STATE) 3.37' PB-4 (SZ.6 0+77.96 2 0 0+77.96 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
		s (s		PB-4 180° 00' 3.37'	CA.2	18+2 (52.6
© Duct Line Curve Data				È Duct Line Cu		
C3.1 C3.2 C4.1 C4.2			C3.1	E Duct Line Cul C3.2	C4.1	
C3.1 C3.2 C4.1 C4.2 △ 30° 00' 00" 48° 00' 00" 52° 00' 00" 50° 00' 00	△ 30° 00' 00" 48° 00' 00" 52° 00' 00" 50° 00' 00		C3.1 30° 00' 00"	E Duct Line Cul C3.2 48° 00' 00"	C4.1 52° 00' 00"	50°00'00
C3.1C3.2C4.1C4.2 \triangle 30° 00' 00"48° 00' 00"52° 00' 00"50° 00' 00 $\triangle/2$ 15° 00' 00"24° 00' 00"26° 00' 00"25° 00' 00		Δ/2	C3.1 30° 00' 00" 15° 00' 00"	E Duct Line Cul C3.2 48° 00' 00" 24° 00' 00"	C4.1 52°00'00" 26°00'00"	50°00'00 25°00'00
C3.1C3.2C4.1C4.2 \triangle 30° 00' 00"48° 00' 00"52° 00' 00"50° 00' 00 $\triangle/2$ 15° 00' 00"24° 00' 00"26° 00' 00"25° 00' 00R5.00'10.00'12.00'10.00'		$\Delta/2$ R	C3.1 30°00'00" 15°00'00" 5.00'	E Duct Line Cul C3.2 48° 00' 00" 24° 00' 00" 10.00'	C4.1 52°00'00" 26°00'00" 12.00'	50°00'00 25°00'00 10.00'
C3.1C3.2C4.1C4.2 \triangle $30^{\circ} 00' 00''$ $48^{\circ} 00' 00''$ $52^{\circ} 00' 00''$ $50^{\circ} 00' 00''$ $\triangle/2$ $15^{\circ} 00' 00''$ $24^{\circ} 00' 00''$ $26^{\circ} 00' 00''$ $25^{\circ} 00' 00''$ R $5.00'$ $10.00'$ $12.00'$ $10.00'$ T $1.34'$ $4.45'$ $5.85'$ $4.66'$	△ 30° 00' 00" 48° 00' 00" 52° 00' 00" 50° 00' 00 △/2 15° 00' 00" 24° 00' 00" 26° 00' 00" 25° 00' 00 R 5.00' 10.00' 12.00' 10.00' T 1.34' 4.45' 5.85' 4.66'	△/2 R T	C3.1 30° 00' 00" 15° 00' 00" 5.00' 1.34'	2 Duct Line Cur C3.2 48° 00' 00" 24° 00' 00" 10.00' 4.45'	C4.1 52°00'00" 26°00'00" 12.00' 5.85'	50°00'00 25°00'00 10.00' 4.66'
C3.1C3.2C4.1C4.2 \triangle 30° 00' 00"48° 00' 00"52° 00' 00"50° 00' 00 $\triangle/2$ 15° 00' 00"24° 00' 00"26° 00' 00"25° 00' 00R5.00'10.00'12.00'10.00'	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	△/2 R T Ch	C3.1 30° 00' 00" 15° 00' 00" 5.00' 1.34' 2.59'	E Duct Line Cul C3.2 48° 00' 00" 24° 00' 00" 10.00' 4.45' 8.13'	C4.1 52°00'00" 26°00'00" 12.00' 5.85' 10.52'	50°00'00 25°00'00 10.00' 4.66' 8.45'

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

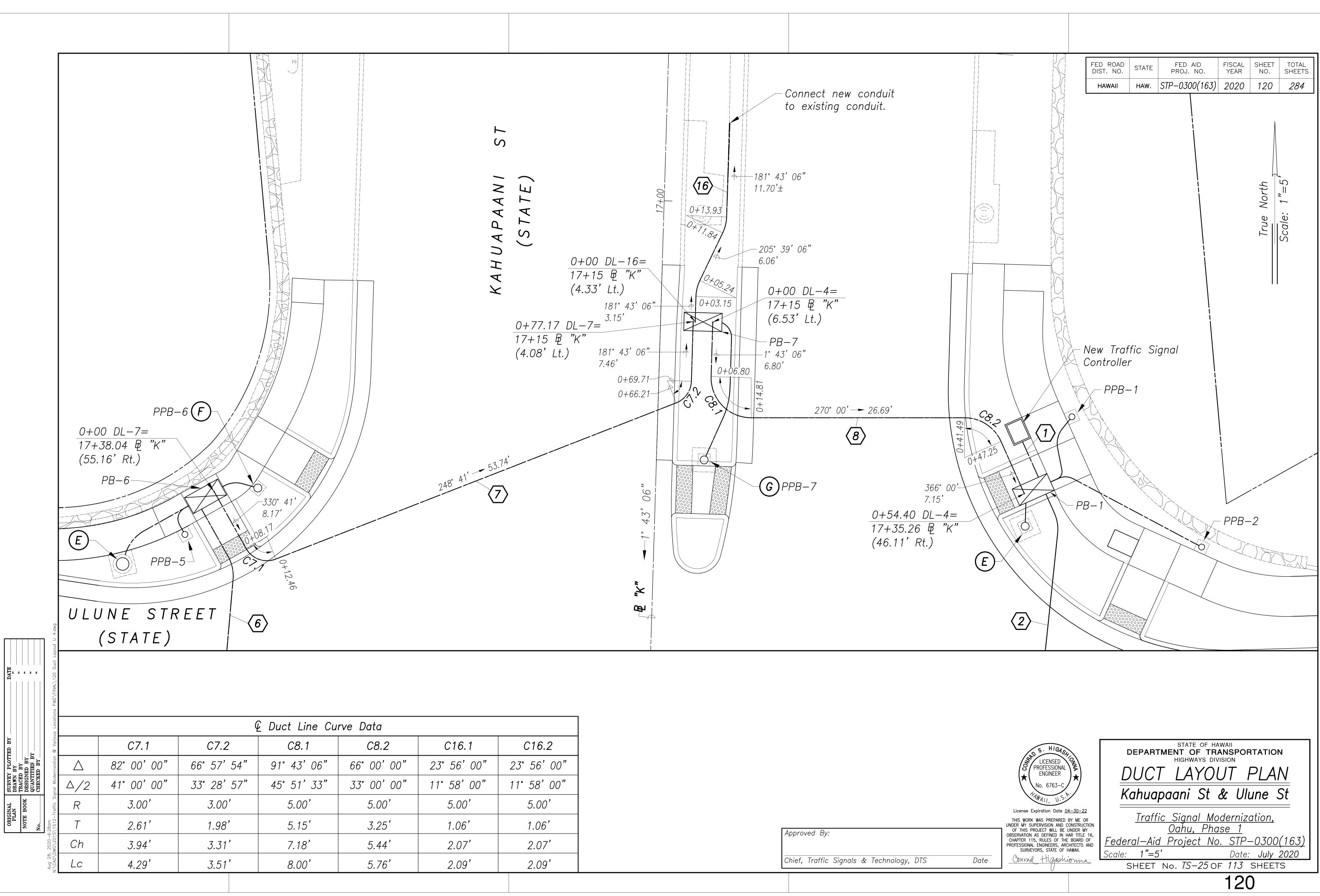




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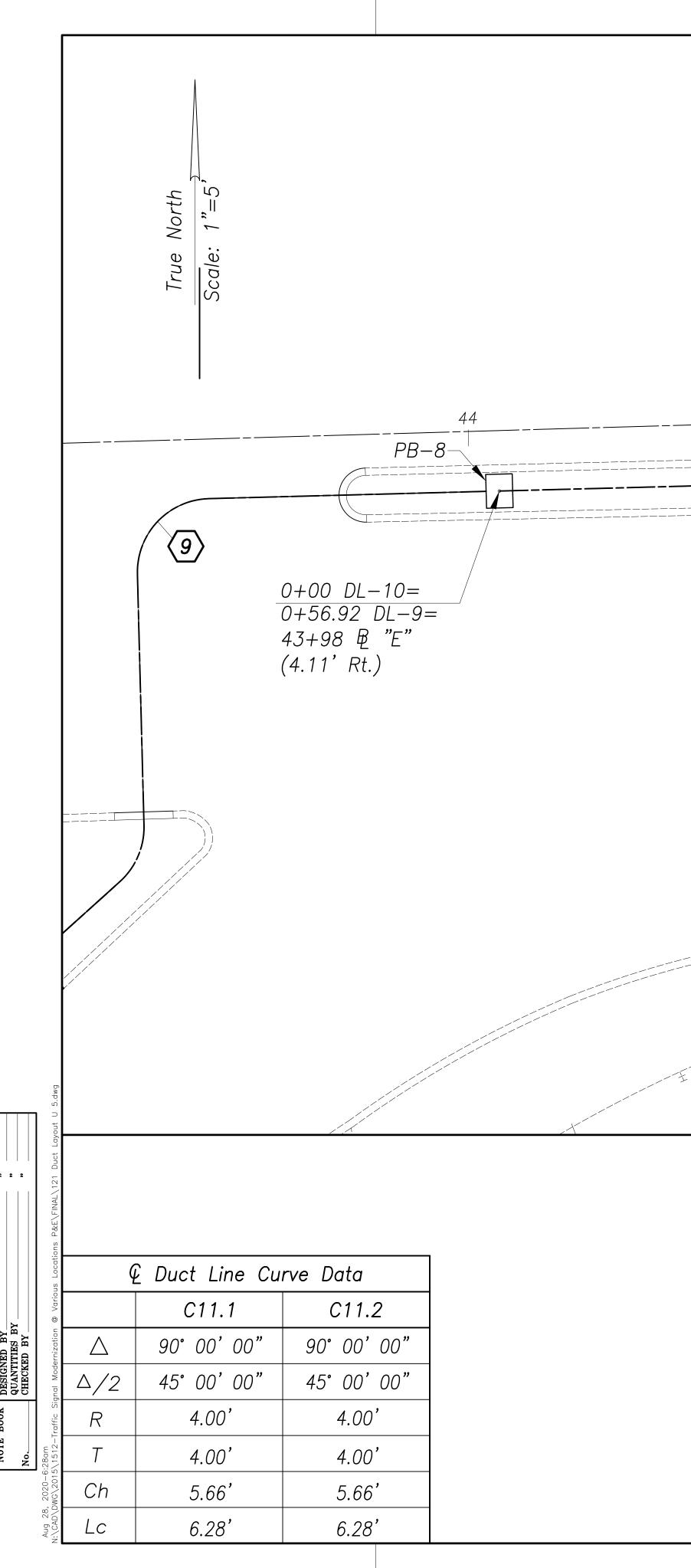


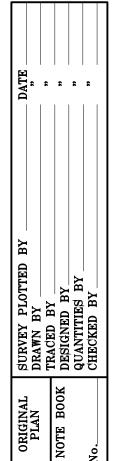
	FED ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAWAII		STP-0300(163)		119	284
	_	<u> </u>	Duct Line			
	_		C5.1	~ "	C6	
	_	\triangle	76° 16' 00		98° 44	
\sim \sim \sim	_	$\Delta/2$	38°08'00)	49°22	
	_	R	10.00'		5.0	
	_	T	7.85'		5.8	
	_	Ch	12.35'		7.5	
	_	Lc	13.31'		8.6	
	-		C6.2	<u>_ "</u>	C12	
	_		34° 19' 00		13° 30	
	_	$\Delta/2$	17°09'30)"	6° 45	
	_	R	5.00'		10.0	
	_	T	1.54'		1.1	
HAI ~		Ch	2.95'		2.3	
	_	Lc	2.99'		2.3	
	_		C12.2	<u>, "</u>	C12	
	_	\triangle	89°46'00 44°53'00		6°16 3°08	
	_	$\Delta/2$	<u> </u>		20.0	
	_	R				
True North	_	T Ch	4.98'		1.0	
<u>Scale: 1"=5'</u>	. –	Lc	7.07 ' 7.85'		2.1 2.1	
0+66.80 DL-6= 17+39.30 B "K"						
17+39.30 ₽ "K" (57.26' Rt.)						
17+39.30 ₽ "K" (57.26' Rt.)		DUC	state of ha MENT OF TRA HIGHWAYS DIV T LAYOU Daani St	ANSPOI	PLAI	V
17+39.30 ₽ "K" (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.) (57.26' Rt.)	PR CTION M S 16, OF AND AND E 16, Scale.	DUC Kahua Traff eral—Aic : 1"=5	HIGHWAYS DIV	ANSPOI ISION JT & UI derniz se 1 . STP Date	PLAI une S ation, -0300(: July 2	V St (163) 2020



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PLOT 3Y	ΒY	D BY	IES E	BY	
SURVEY PLOTTED BY DRAWN BY	TRACED BY	DESIGNED BY	QUANTITIES BY	CHECKED BY	
SUI DRA	L TRA	DES	QU/	CHI	
		TE BOOK			

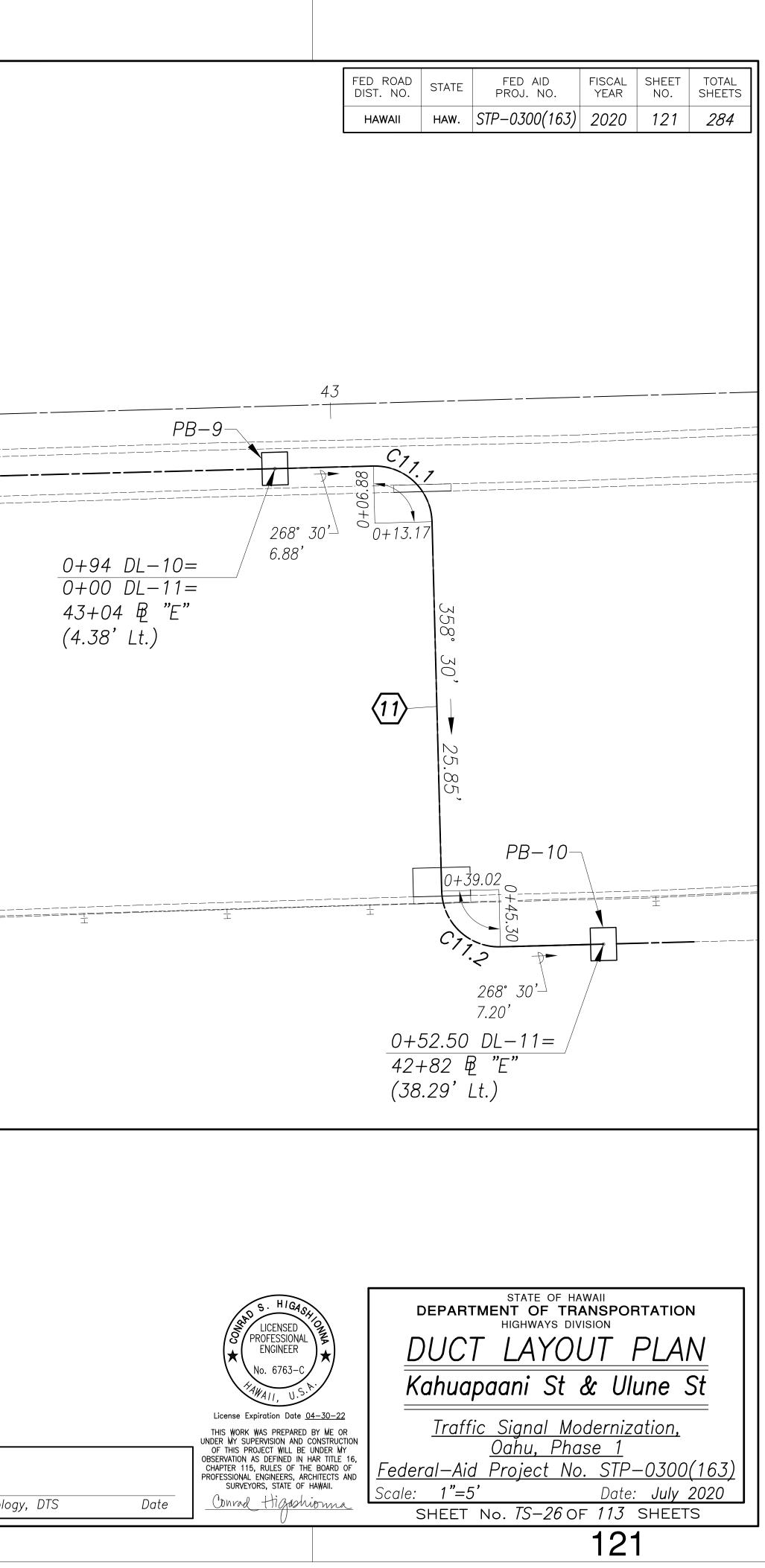
2	C16.1	C16.2
00"	23°56'00"	23°56'00"
00"	11°58'00"	11°58'00"
0'	5.00'	5.00'
5'	1.06'	1.06'
4'	2.07'	2.07'
6'	2.09'	2.09'

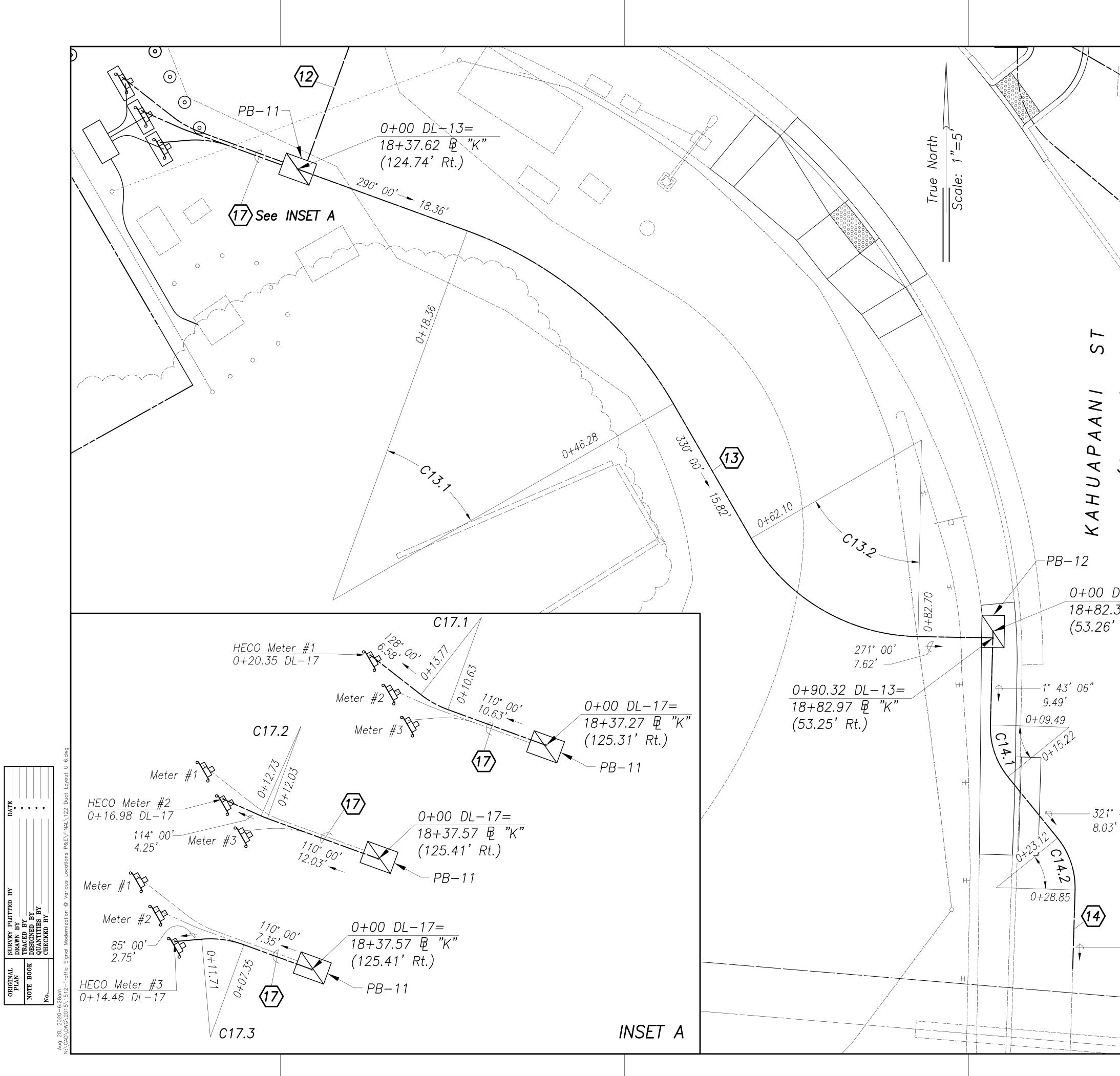




	ULUNE EXTENSION (STATE)	
₽ <i>"E"</i>	88°20'03.40" —	
268° 30' — 94.00' (10)		
	1 1 1	

Approved By: Chief, Traffic Signals & Technology, DTS



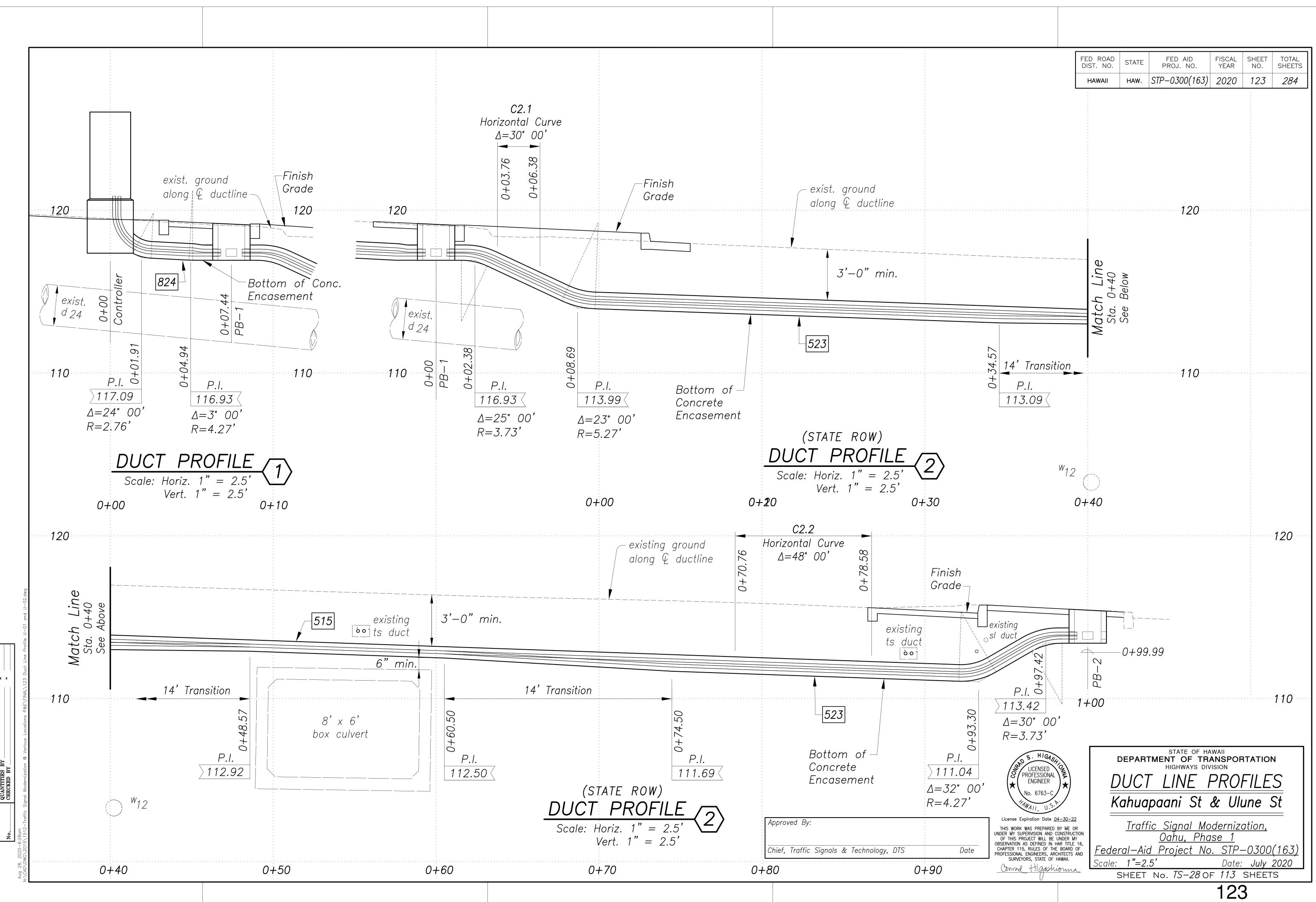


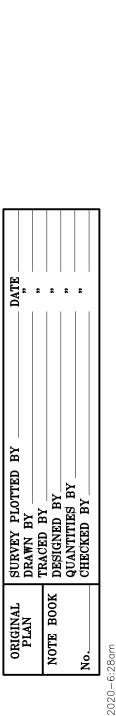
			FED ROAD DIST. NO. STA HAWAII HAV	PROJ. NO.	FISCAL YEARSHEET NO.2020122	total sheets 284
		Q	Duct Line C	urve Data		
		C13.1	C13.2	C14.1	C14	.2
	\triangle	40°00'00"	59°00'00"	40°00'00'	" 40° 00	00"
	$\Delta/2$	20°00'00"	29° 30' 00"	20° 00' 00'	" 20°00	00"
	R	40.00'	20.00'	8.00'	8.0	0 '
	Т	14.56'	11.32'	2.99'	2.9	9'
	Ch	27.36'	19.70 '	5.60'	5.6	0'
	Lc	27.93'	20.59'	5.72'	5.7.	2'
		C17.1	C17.2	C17.3		
	\triangle	18°00'00"	4°00'00"	25°00'00'	"	
	$\Delta/2$	9°00'00"	2°00'00"	12° 30' 00'	"	
	R	10.00'	10.00'	10.00'		
E)	Т	1.58'	0.35'	2.22'		
AT	Ch	3.13'	0.70'	4.33'		
(STATE)	Lc	3.14'	0.70'	4.36'		
5			Approved By: Chief, Traffic S	Signals & Technology	. DTS	Date

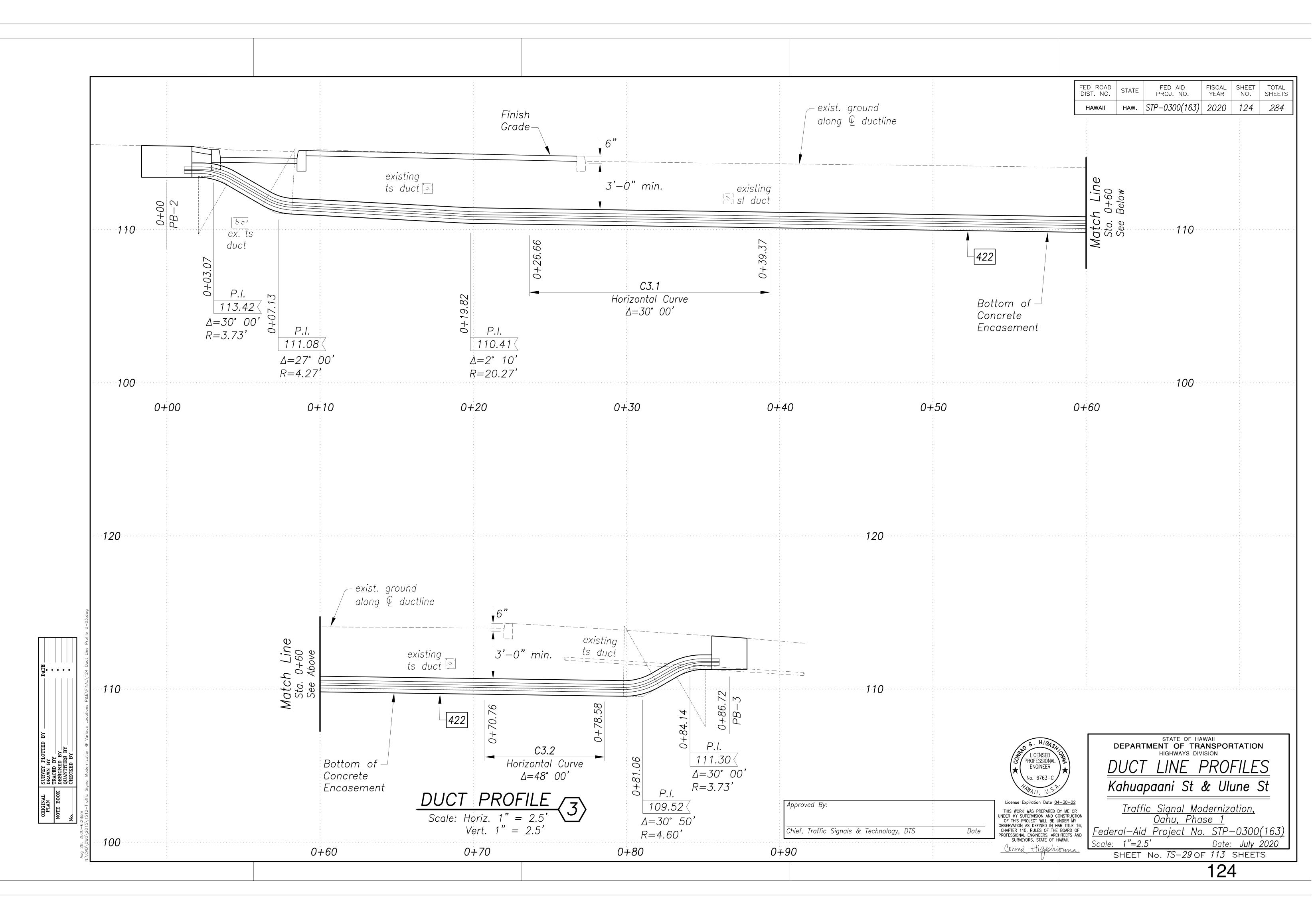
0+00 DL−14= 18+82.32 ፼ "K" (53.26' Rt.)

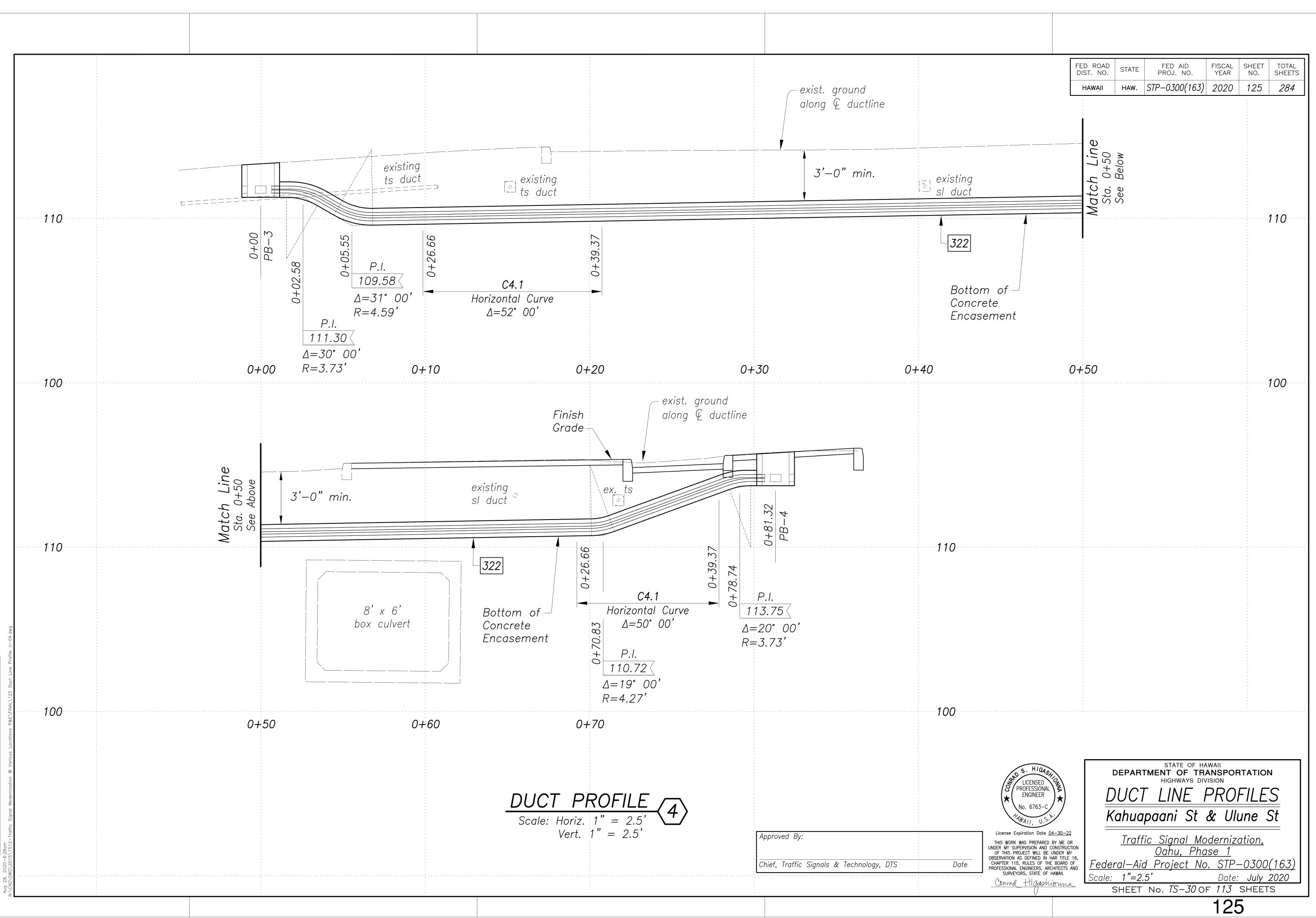
> -321°43'06" 8.03'

> > -1° 43′ 06″ 7.9′± LICENSE No. 6763-C MALII, U.S. LICENSE Expiration Date <u>04-30-22</u> THIS WORK WAS PREPARED BY ME OR UNDER MY SUPErvision ADD CONSTRUCTION OBSERVATION AD CONSTRUCTION OF THIS PROJECT OF THE BOAD OF PROFESSIONAL EXCINCTION COMMA HIGHWAYS COMMA HIGHWAYS DUCCT LAYOUT PLAN MALINE CONSTRUCTION MALINE



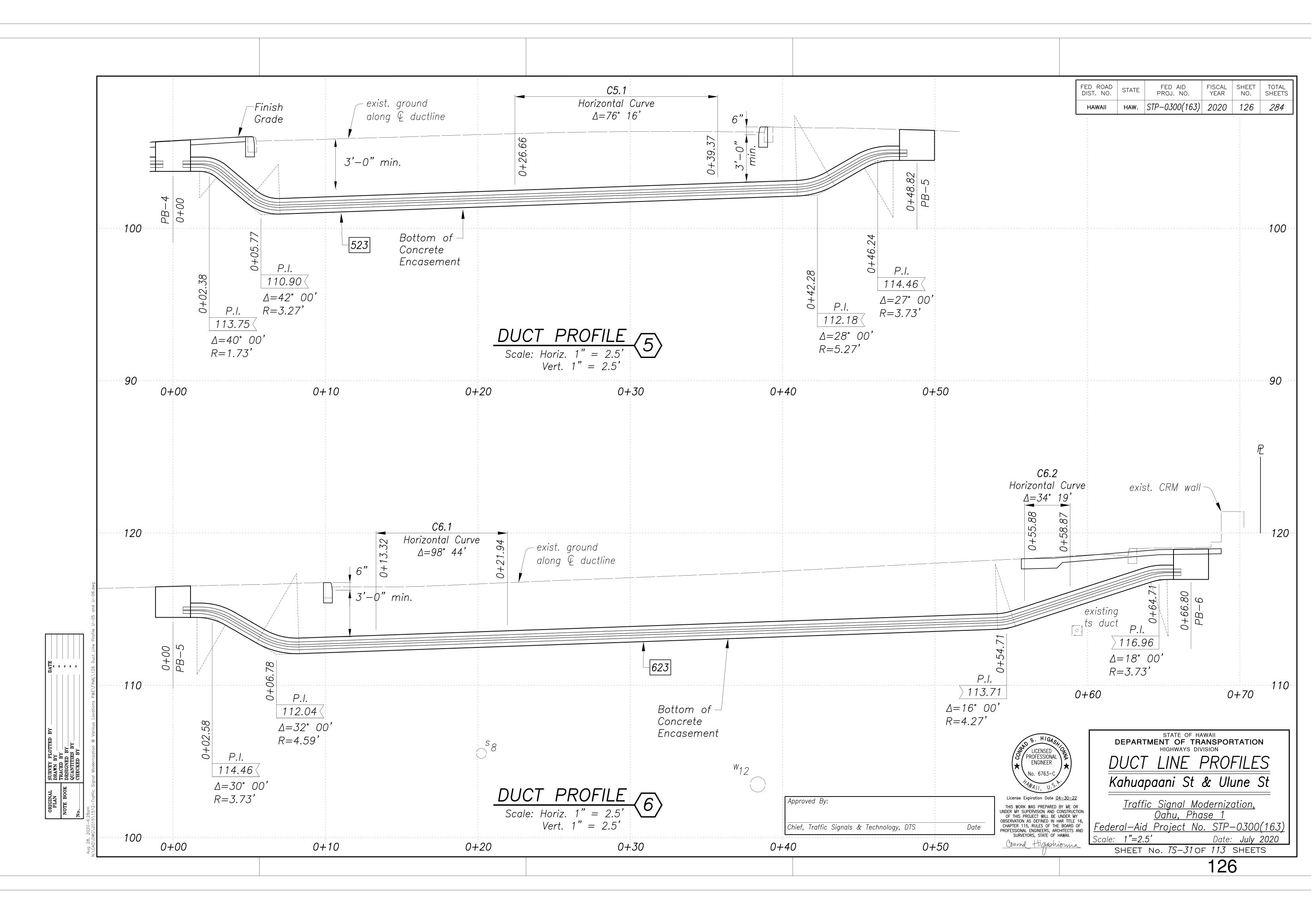


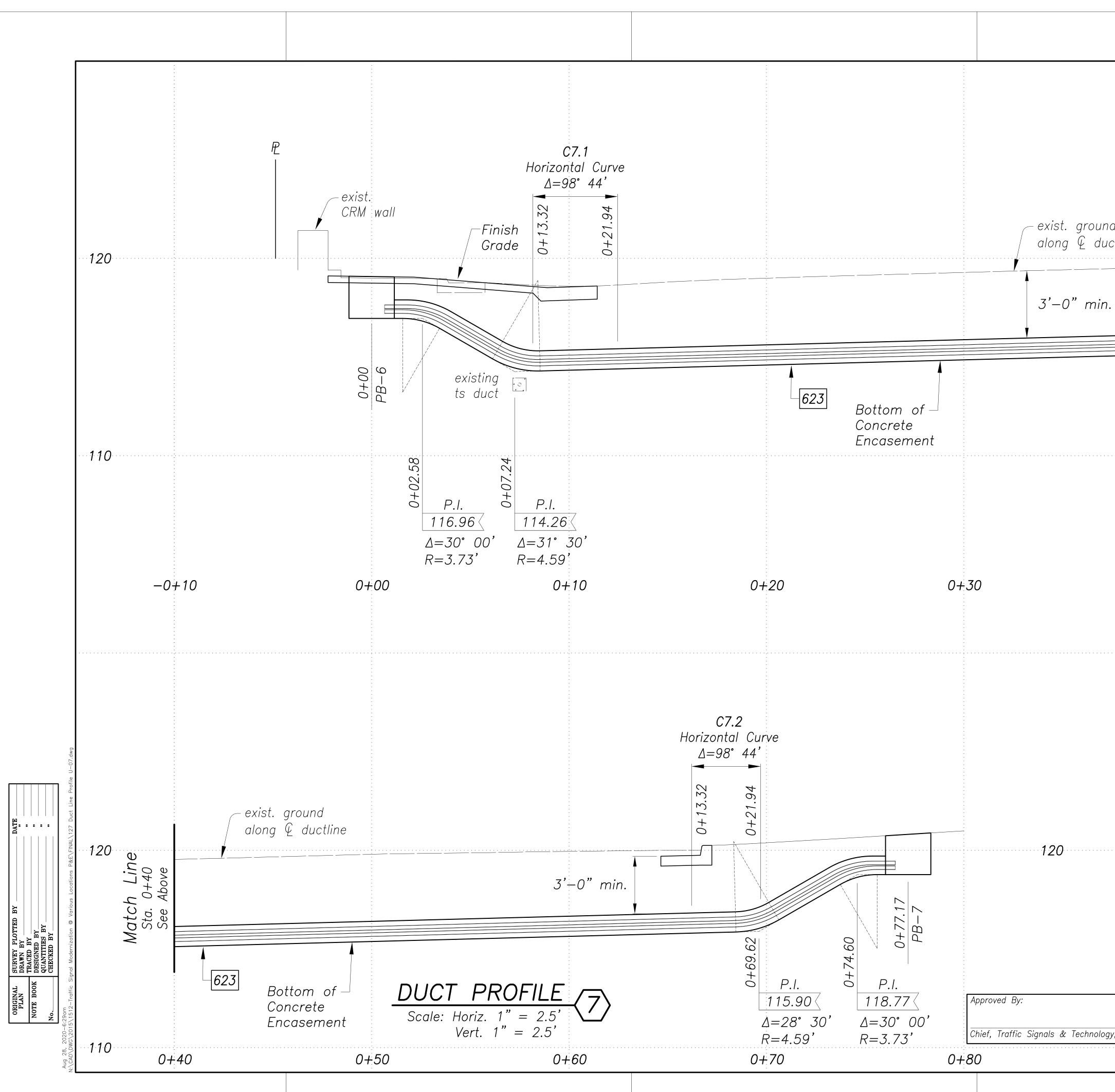




SURVEY PLOTTEI DRAWN BY TRACED BY DESIGNED BY QUANTITIES BY CHECKED BY

ORIGINAL PLAN NOTE BOOK





		FED ROAD DIST. NO. HAWAII	STATE HAW.	FED AID PROJ. NO. STP-0300(163)	FISCAL YEAR 2020	SHEET NO. 127	total sheets 284
e v	120						
Match Line Sta. 0+40 See Below							
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	1.10						
0+40							
	S. HIGASH		DEPAR	state of ha TMENT OF TRA	ANSPOF	RTATIO	N
	S C C C C C C C C C C C C C		UC abur	HIGHWAYS DIV T <u>LINE</u> Ipaani St	PRO		
	License Expiration Date <u>04-30-22</u> THIS WORK WAS PREPARED BY ME O UNDER MY SUPERVISION AND CONSTRUC OF THIS PROJECT WILL BE UNDER M	R TION Y		fic Signal Mo Oahu, Pha	derniz		
S Date	OBSERVATION AS DEFINED IN HAR TITLE CHAPTER 115, RULES OF THE BOARD PROFESSIONAL ENGINEERS, ARCHITECTS	16.	ral—Ai	<u>d Project No</u>		-0300	(163)

