

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	5U-061-1(2) UNIT 4	1958	7	148

CURVE DATA

	7	9	10	11	12	15	BE-1	BE-2	BE-3	BE-4	BE-5
Δ	24°10'	23°34'	24°46'	23°34'	99°08'	24°46'	11°24'	11°12'	69°48'	68°36'	24°24'
R	800.00	800.00	800.00	650.00	48.41	826.00	16.00	50.00	50.00	30.00	100.00
T	171.26	166.89	175.65	135.60	56.81	181.36	23.46	71.67	34.88	20.46	21.62
L	337.43			267.36	83.76		31.11	96.17	60.91	35.92	42.59

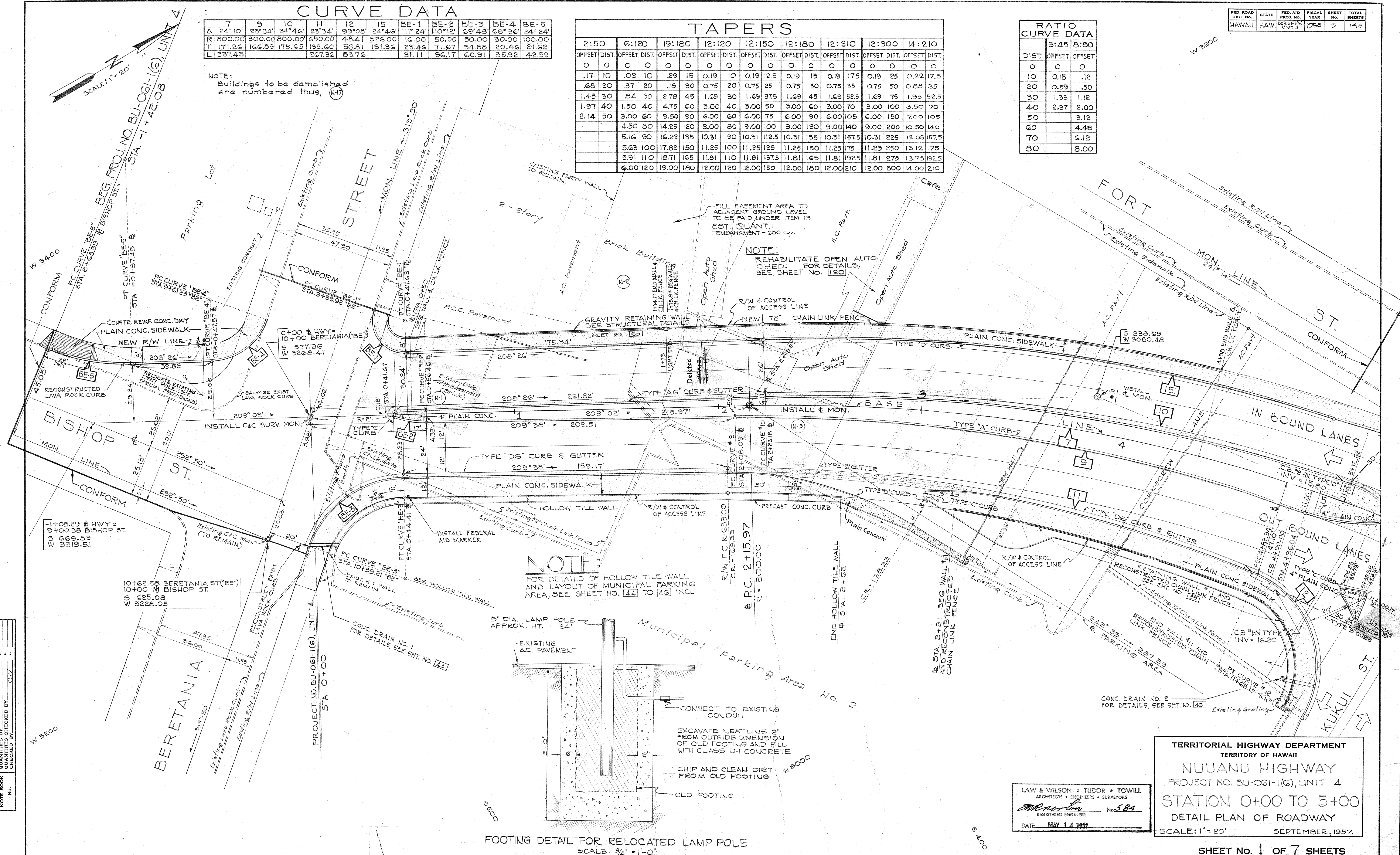
NOTE:
Buildings to be demolished
are numbered thus, (N-17)

TAPERS

TAPERS																	
2:50		6:120		19:180		12:120		12:150		12:180		12:210		12:300		14:210	
OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.	OFFSET	DIST.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.17	10	.09	10	.29	15	.019	10	.019	12.5	.019	15	.019	17.5	.019	25	.022	17.5
.68	20	.37	20	1.16	30	0.75	20	0.75	25	0.75	30	0.75	35	0.75	50	0.88	35
1.45	30	.84	30	2.78	45	1.69	30	1.69	37.5	1.69	45	1.69	52.5	1.69	75	1.95	52.5
1.97	40	1.50	40	4.75	60	3.00	40	3.00	50	3.00	60	3.00	70	3.00	100	3.50	70
2.14	50	3.00	60	9.50	90	6.00	60	6.00	75	6.00	90	6.00	105	6.00	150	7.00	105
		4.50	80	14.25	120	9.00	80	9.00	100	9.00	120	9.00	140	9.00	200	10.50	140
		5.16	90	16.22	135	10.31	90	10.31	112.5	10.31	135	10.31	157.5	10.31	225	12.05	157.5
		5.63	100	17.82	150	11.25	100	11.25	125	11.25	150	11.25	175	11.25	250	13.12	175
		5.91	110	18.71	165	11.81	110	11.81	137.5	11.81	165	11.81	192.5	11.81	275	13.74	192.5
		6.00	120	19.00	180	12.00	120	12.00	150	12.00	180	12.00	210	12.00	300	14.00	210

RATIO CURVE DATA

	3:45	8:80
DIST.	OFFSET	OFFSET
0	0	0
10	0.15	.12
20	0.59	.50
30	1.33	1.12
40	2.37	2.00
50		3.12
60		4.48
70		6.12
80		8.00



FOOTING DETAIL FOR RELOCATED LAMP POLE
SCALE: $\frac{3}{4}" = 1'-0"$

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

NUUANU HIGHWAY

PROJECT NO. BU-061-1(G), UNIT 4

STATION 0+00 TO 5+00

DETAIL PLAN OF ROADWAY

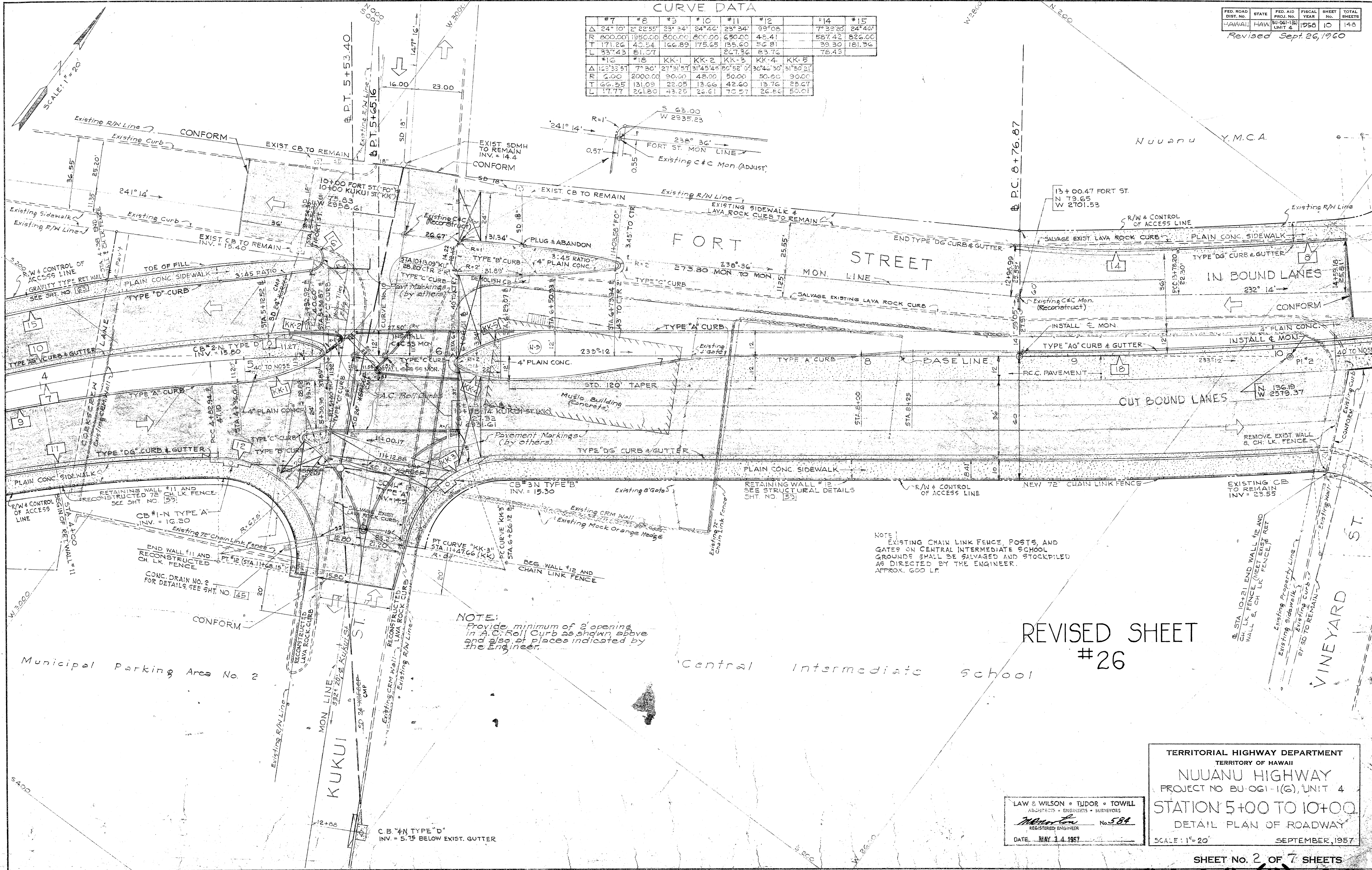
SCALE: 1" = 20' SEPTEMBER, 1957

SHEET No. 1 OF 7 SHEETS

LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
M. R. Tudor No. 584
REGISTERED ENGINEER
DATE MAY 14 1967

.S146 (2).9 25

#7	#8	#9	#10	#11	#12	#14	#15
Δ 24° 10'	8° 22' 55"	23° 34'	24° 46'	23° 34'	99° 08'	7° 32' 20"	24° 46'
R 800.00	1350.00	800.00	800.00	650.00	48.41	587.42	826.00
T 171.26	40.54	166.89	175.65	135.60	56.81	39.30	161.36
L 337.43	81.07			267.36	83.76	76.43	
#16	#18	KK-1	KK-2	KK-3	KK-4	KK-5	
Δ 123° 33' 51"	7° 30'	27° 31' 57"	31° 45' 48"	80° 52' 02"	30° 42' 30"	31° 50' 31"	
R 2000.00	2000.00	90.00	48.00	50.00	50.00	90.00	
T 66.35	131.09	22.05	13.66	42.60	13.76	25.47	
L 17.77	261.80	43.25	26.61	70.57	26.61	50.01	



REVISED SHEET
#26

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
NUUANU HIGHWAY
PROJECT NO BU-OGI-1(6), UNIT 4
STATION 5+00 TO 10+00
DETAIL PLAN OF ROADWAY
SCALE: 1" = 20'
SEPTEMBER, 1957

LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
REGISTERED ENGINEER No. 584
DATE MAY 14 1957

SHEET No. 2 OF 7 SHEETS

.S146 (2).10

ORIGINAL PLAN
DESIGNED BY
TRACED BY
NOTE BOOK
QUANTITIES BY
CHECKED BY
DATE 1-17-57

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BU-061-1(6)	UNIT 4	1758	11

CURVE DATA	
Δ	18
R	7° 30'
L	2000.00'
T	131.09'
E	261.80'

NOTE:
DRIVEWAYS BETWEEN SCHOOL ST. & VINEYARD ST. DELETED ON BOTH SIDE, WALLS, SIDEWALKS, CURB & GUTTERS CONTINUOUS.

2" A.C.:
7" MIX NO. V SURFACE COURSE
14" MIX NO. III LEVELING COURSE
8" UNTREATED BASE
12" SELECT BORROW

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8" UNTREATED BASE
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14" MIX NO. III LEVELING COURSE
8" UNTREATED BASE
12" SELECT BORROW

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
NUUANU HIGHWAY
PROJECT NO. BU-061-1(6), UNIT 4

STATION 10+00 TO 16+00
DETAIL: PLAN OF ROADWAY

SCALE: 1"=20'

SEPTEMBER, 1957

SHEET No. 3 OF 7 SHEETS

LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
MAY 1 & 1957

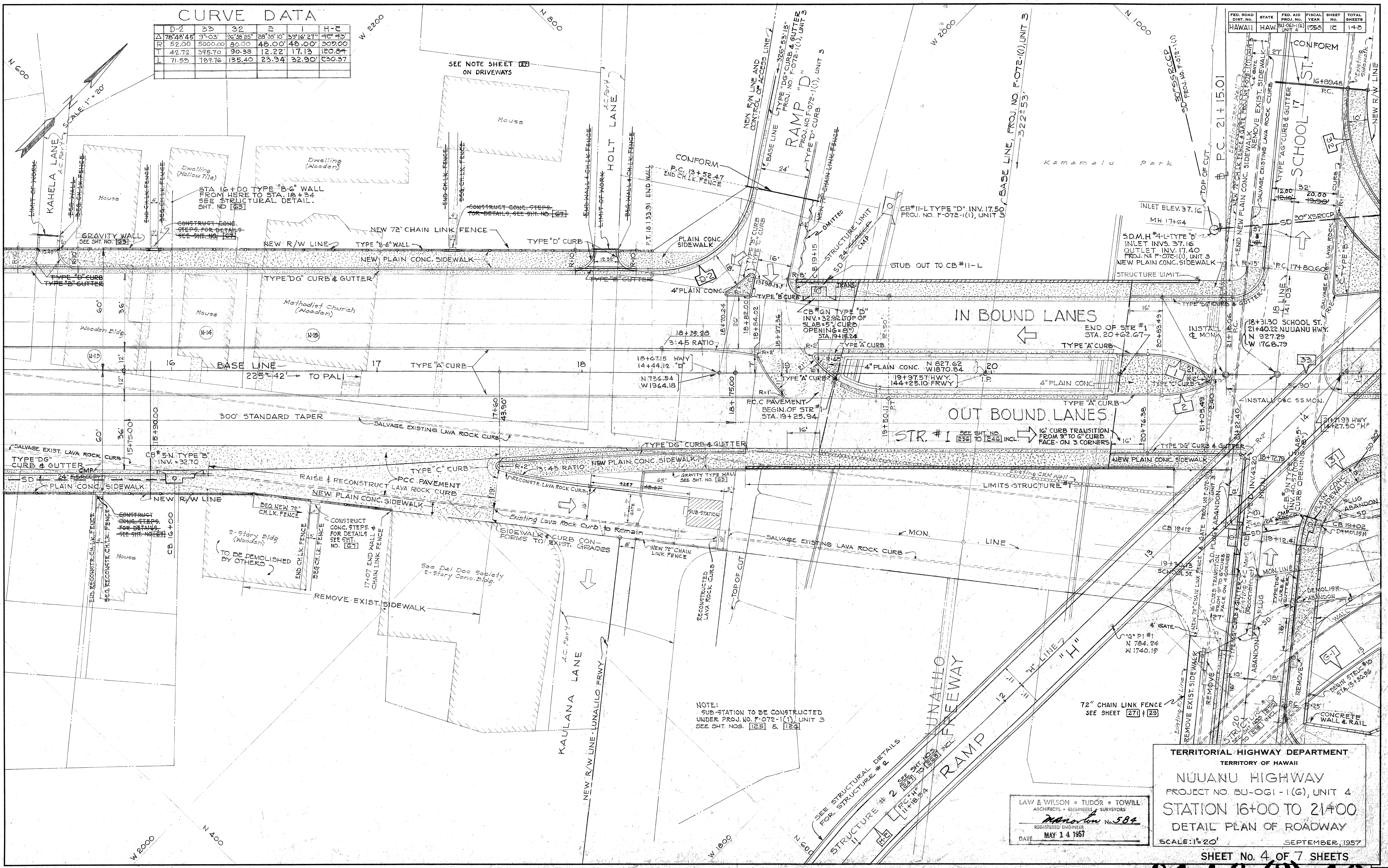
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27

CURVE DATA						
D-2	33	32	2	1	H-2	
Δ 78°48'45"	9°03'	36°38'25"	28°35'10"	33°16'27"	45°45'	
R 52.00	5000.00	30.00	48.00	48.00	302.00	
T 42.72	345.70	30.38	12.22	17.13	160.84	
L 71.53	789.76	135.40	23.94	32.90	630.37	

FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BU-061-1(6)	1956	12	148

DATE	DESIGNED BY	TRACED BY	QUANTITIES BY	CHECKED BY
	AGG			
ORIGINAL PLAN	NO.	NOTE BOOK	NO.	



NOTE:
SUB-STATION TO BE CONSTRUCTED
UNDER PROJ. NO. F-072-1(1), UNIT 3
SEE SHT. NOS. 125 & 126

LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
REGISTERED ENGINEER
No. 584
DATE MAY 14 1957

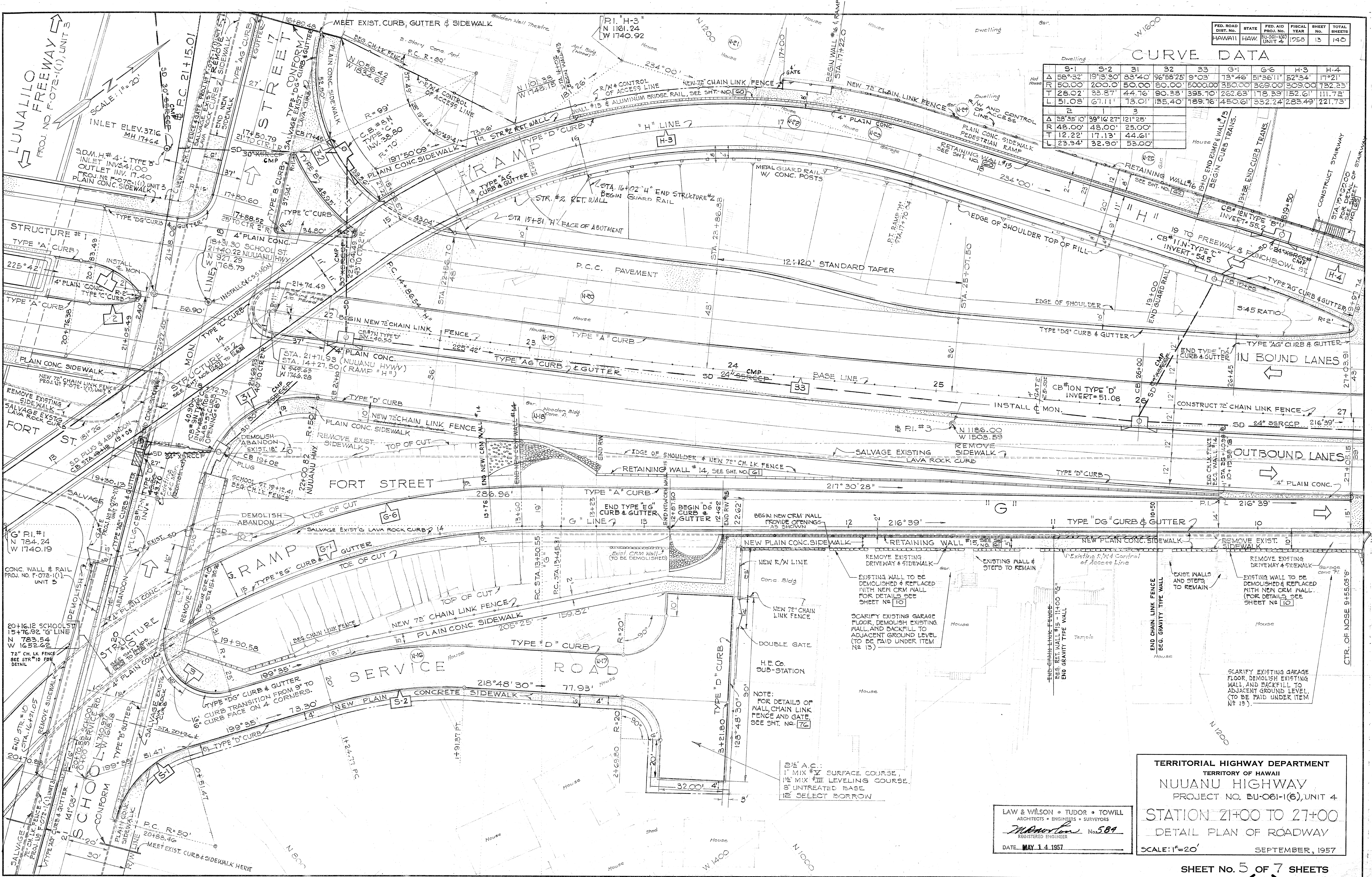
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
NUUANU HIGHWAY
PROJECT NO. BU-061-1(6), UNIT 4
STATION 16+00 TO 21+00
DETAIL PLAN OF ROADWAY
SCALE: 1"=20'
SEPTEMBER, 1957

SHEET No. 4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BU-061-1(6)	1957	13	140

CURVE DATA

S-1	S-2	31	32	33	G-1	G-2	H-3	H-4
Δ 58°32'	19°13'30"	83°40'	96°58'25"	9°03'	73°46'	51°36'11"	52°34'	17°21'
R 50.00'	200.0'	50.00'	80.00'	5000.00'	350.00'	369.00'	309.00'	732.23'
T 26.02'	33.87'	44.76'	90.38'	395.70'	262.63'	178.39'	152.61'	111.73'
L 51.03'	67.11'	13.01'	135.40'	189.76'	450.61'	332.24'	283.49'	221.73'
Δ 28°35'10"	39°16'27"	121°28'						
R 48.00'	48.00'	25.00'						
T 12.22'	17.13'	44.61'						
L 23.94'	32.90'	53.00'						



DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NOTE BOOK NO. _____

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

NUUANU HIGHWAY

PROJECT NO. BU-061-1(6), UNIT 4

STATION 21+00 TO 27+00

DETAIL PLAN OF ROADWAY

SCALE: 1"=20'

SEPTEMBER, 1957

LAW & WILSON • TUDOR • TOWILL

ARCHITECTS • ENGINEERS • SURVEYORS

Lawson No. 584

REGISTERED ENGINEER

DATE: MAY 14, 1957

CURVE DATA									
#	H-4	HO-1	HO-2	HO-3	HO-4	KA-1	KA-2	KA-3	KA-4
Δ	9° 03'	17° 21'	27° 20' 56"	37° 59' 51"	27° 35' 06"	42° 32' 58"	100° 21'		
R	5000.00'	732.23'	90.00'	40.00'	90.00'	40.00'	90.00'		
T	395.70'	111.72'	21.90'	13.77'	22.09'	15.58'	107.93'		
L	769.76'	221.73'	42.96'	26.53'	43.33'	29.71'	157.63'		
#	KA-5	G-7	G-8						
Δ	13° 03' 16"	22° 34' 45"	57° 05' 47"	86° 40' 14"	3° 18' 10"	3° 18' 10"			
R	85.00'	85.00'	25.00'	15.00'	600.00'	600.00'			
T	9.73'	16.97'	13.60'	14.15'	17.30'	17.30'			
L	19.37'	33.50'	24.91'	22.69'	34.59'	34.59'			

NOTE:
FOR DETAILS OF STRUC. NO. 6, SEE
SHT. NOS. 264 TO 269 INCL.

NOTE:
FOR DETAILS OF RAMP AT
STA. 29+57, SEE SHT. NO. 66

2" A.C.:
1" MIX #V SURFACE COURSE
1/2" MIX #III LEVELING COURSE
8" UNTREATED BASE
12" SELECT BORROW

2" A.C.:
1" MIX #V SURFACE COURSE
1/2" MIX #III LEVELING COURSE
8" UNTREATED BASE
12" SELECT BORROW
NO CRM WALL EXISTED PRIOR TO CONSTR.
JOIN EXIST. CRM WALL

CONFORM
NEW R/W LINE
PC CURVE "KA-1"
STA. 28+40.33 KA-1

CONFORM
NEW R/W LINE
PC CURVE "KA-3"
STA. 28+40.33 KA-3

PC CURVE "KA-3"
STA. 28+40.33 KA-3

PC CURVE "KA-3"
STA. 28+40.33 KA-3

PC CURVE "KA-3"
STA. 28+40.33 KA-3

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PC CURVE "KA-3"
STA. 28+40.33 KA-3

PC CURVE "KA-3"
STA. 28+40.33 KA-3

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
NUUANU HIGHWAY
PROJECT NO. BU-061-1(6), UNIT 4
STATION 26+00 TO 32+00
DETAIL PLAN OF ROADWAY

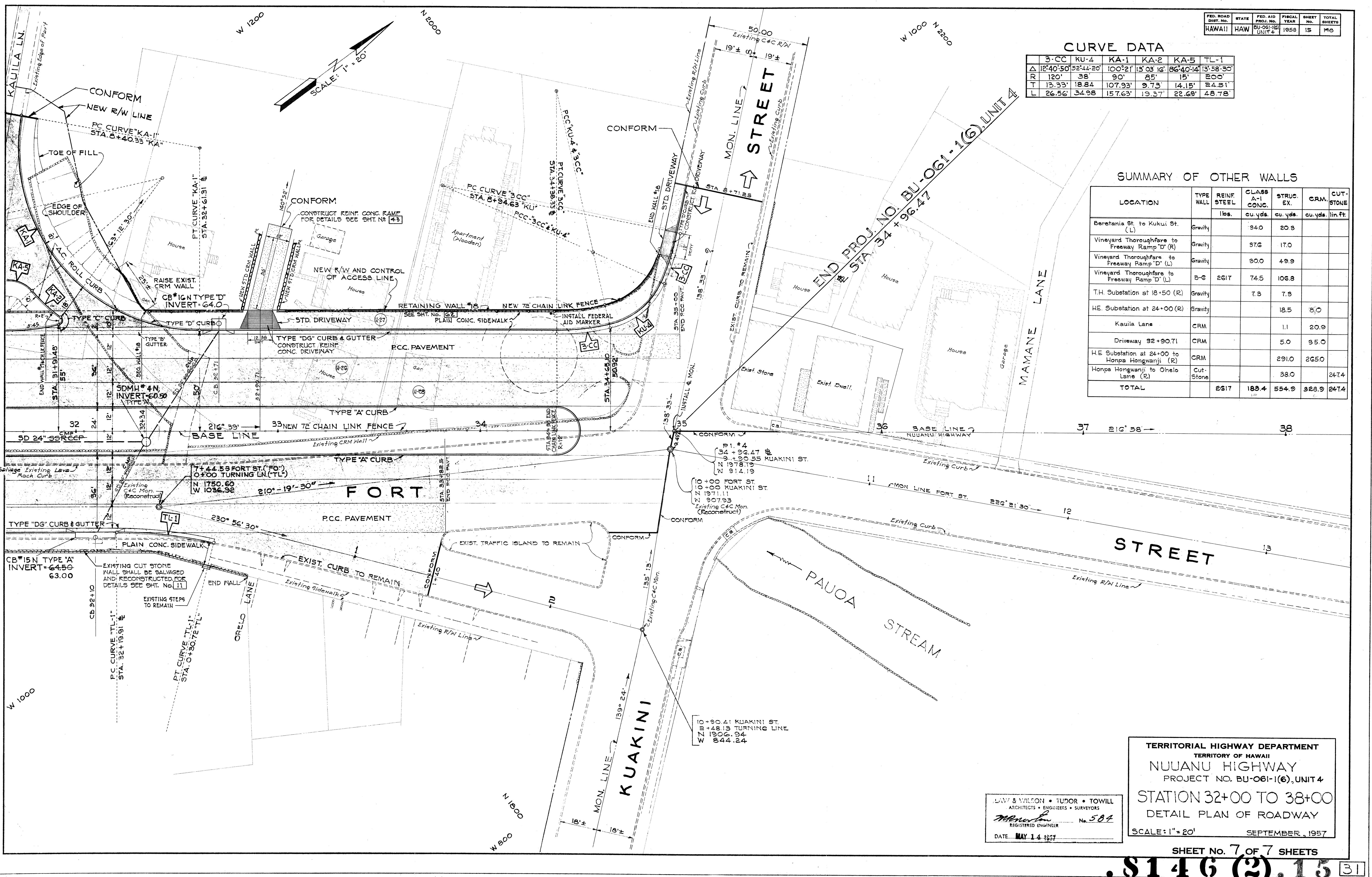
LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
REGISTERED ENGINEER
No. 584
DATE: MAY 14 1957

SCALE: 1"=20' SEPTEMBER, 1957

SHEET No. 6 OF 7 SHEETS

.S146(2).1430

DATE: 2/14/57
DESIGNED BY: [blank]
CHECKED BY: [blank]
ORIGINAL PLAN: [blank]
NOTE BOOK: [blank]
No. [blank]



CURVE DATA

	3-CC	KU-4	KA-1	KA-2	KA-5	TL-1
Δ	12°40'50"	52°44'20"	100°21'13"	86°40'14"	13°58'30"	
R	120'	38'	90'	85'	15'	200'
T	13.33'	18.84'	107.93'	9.73'	14.15'	24.51'
L	26.56'	34.98'	157.63'	19.37'	22.69'	48.78'

SUMMARY OF OTHER WALLS

LOCATION	TYPE WALL	REINF. STEEL lbs.	CLASS A-1 CONC. cu. yds.	STRUC. EX. cu. yds.	CRM. cu. yds.	CUT-STONE lin. ft.
Beretania St. to Kukui St. (L)	Gravity		34.0	20.3		
Vineyard Thoroughfare to Freeway Ramp 'D' (R)	Gravity		37.6	17.0		
Vineyard Thoroughfare to Freeway Ramp 'D' (L)	Gravity		30.0	49.9		
Vineyard Thoroughfare to Freeway Ramp 'D' (L)	B-G	2617	74.5	106.8		
T.H. Substation at 18+50 (R)	Gravity		7.3	7.3		
H.E. Substation at 24+00 (R)	Gravity			18.5	8.0	
Kaula Lane	CRM			1.1	20.9	
Driveway 32+90.71	CRM			5.0	35.0	
H.E. Substation at 24+00 to Honpa Hongwanji (R)	CRM			291.0	265.0	
Honpa Hongwanji to Ohelo Lane (R)	Cut-Stone			38.0		247.4
TOTAL		2617	183.4	554.9	328.9	247.4

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
NUUANU HIGHWAY
PROJECT NO. BU-061-1(6), UNIT 4
STATION 32+00 TO 38+00
DETAIL PLAN OF ROADWAY
SCALE: 1" = 20' SEPTEMBER, 1957

LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
REGISTERED ENGINEER No. 584
DATE MAY 14 1957

DATE _____
SURVEY PLOTTED BY _____
DESIGNED BY _____
TRACED BY _____
QUANTITIES BY _____
CHECKED BY _____
NOTE BOOK No. _____