

CURVE DATA

CURVE	WL-0-1	WL-0-2	WL-0-3	WL-0-4	WL-1-1	WL-1-2	IB-2
Δ	47°14'00"	10°57'05"	9°22'12"	7°31'00"	53°21'11"	43°56'00"	0°35'17"
R	65.00'	180.00'	600.00'	600.00'	150.00'	145.00'	20000.00'
T	28.42'	14.38'	42.17'	30.41'	75.56'	66.55'	102.62'
L	53.58'	28.67'	98.12'	78.71'	130.08'	126.52'	205.27'

O.B. & SPIRAL
Le = 800.00'
Dc = 3.00'
Es = 12'
P = 13.04'
LC = 798.44'
LT = 534.57'
ST = 267.78'
Yc = 55.67'
Xc = 796.60'

TAPERS

4:54	4:50	12:108
Dist. % in ft	Dist. % in ft	Dist. % in ft
0 0	0 0	0 0
4.5 0.06	7.5 0.06	9 0.19
9 0.25	15 0.25	18 0.75
13.5 0.56	22.5 0.56	27 1.69
18 1	30 1	36 3
27 2	45 2	54 6
36 3	60 3	72 9
40.5 3.44	67.5 3.44	81 10.31
45 3.75	75 3.75	90 11.25
49.5 3.94	82.5 3.94	99 11.81
54 4	90 4	108 12

PARABOLIC CURB FLARE

3:45
Dist. % in ft
5 0.04
10 0.15
15 0.33
20 0.57
25 0.93
30 1.33
35 1.81
40 2.37
45 3

I.B. & STA 36+50
Construct: Type "D" C.B.
Install: 24" CI. III RCCP or 14 ga. CGMP

ESTIMATED QUANTITIES
Class A-1 Conc. = 5.4 cy
Reinf. Steel = 324 lbs
24" CI. III RCCP or 14 ga. CGMP = 145 lf
Struc. Exc. = 107 cy
Type "A" C.I. Frame & Cover = 1 ea.

RAMP WL-1 STA 7+60 ST.
Construct: Type "D" C.B.
Install: 24" CI. IV RCCP or 14 ga. CGMP

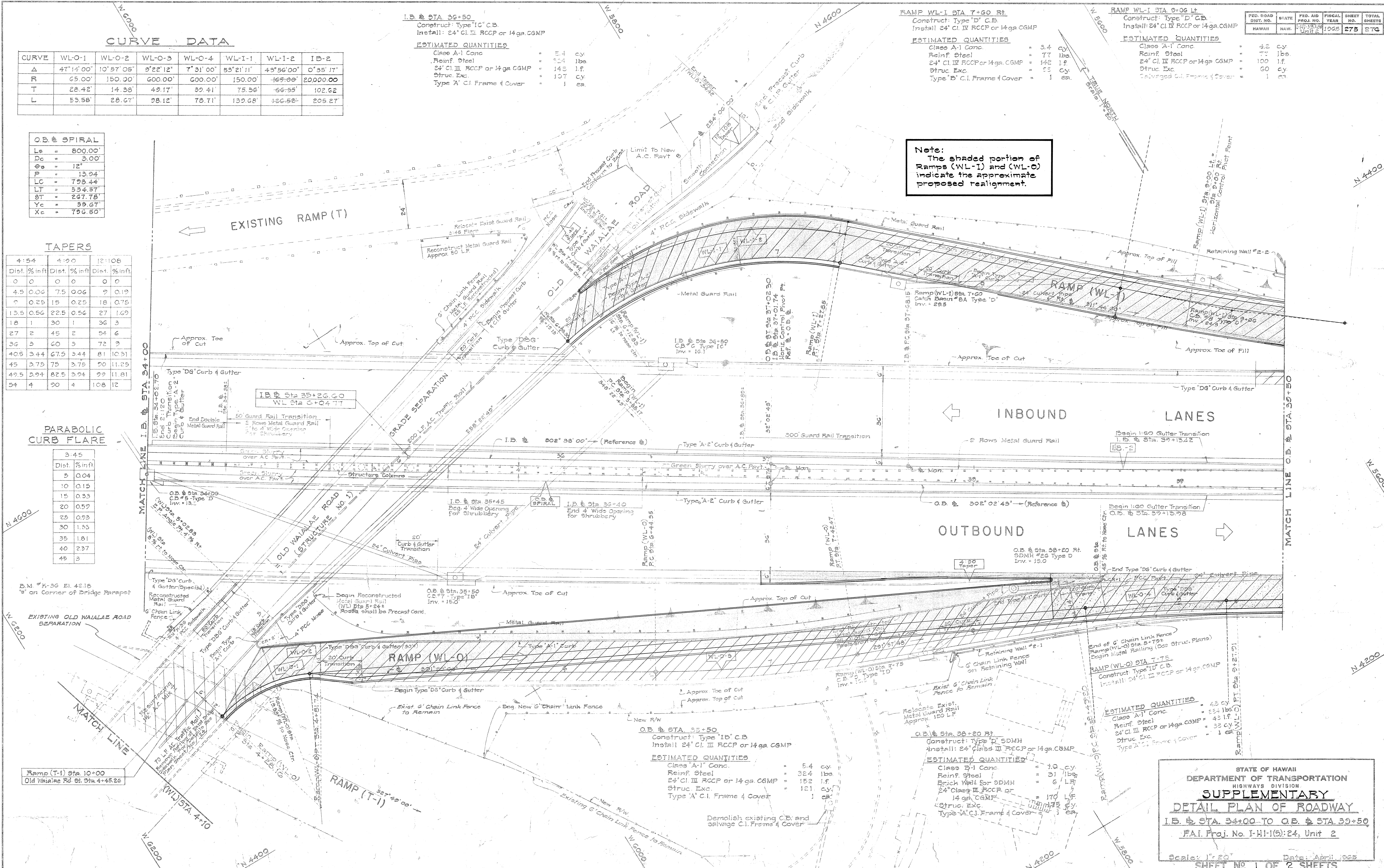
ESTIMATED QUANTITIES
Class A-1 Conc. = 3.4 cy
Reinf. Steel = 77 lbs
24" CI. IV RCCP or 14 ga. CGMP = 142 lf
Struc. Exc. = 55 cy
Type "B" C.I. Frame & Cover = 1 ea.

RAMP WL-1 STA 9+06 LT
Construct: Type "D" C.B.
Install: 24" CI. IV RCCP or 14 ga. CGMP

ESTIMATED QUANTITIES
Class A-1 Conc. = 4.2 cy
Reinf. Steel = 77 lbs
24" CI. IV RCCP or 14 ga. CGMP = 100 lf
Struc. Exc. = 60 cy
Calverged C.I. Frame & Cover = 1 ea.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	100-100-100	1965	275	276

Note:
The shaded portion of Ramps (WL-1) and (WL-0) indicate the approximate proposed realignment.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SUPPLEMENTARY
DETAIL PLAN OF ROADWAY
I.B. & STA. 34+00 TO O.B. & STA. 39+50
FAI Proj. No. I-H-1(5):24, Unit 2
Scale: 1" = 20'
Date: April 1965
SHEET NO. 1 OF 2 SHEETS

CURVE DATA							
CURVE	IB-2	WL-I-3	HI-I-1	HI-I-2	WL-O-1	IB-3	WL-I-4
Δ	0°35'17"	9°41'17"	65°45'36"	49°30'00"	101°18'04"	2°46'21"	9°41'17"
R	23000.00'	700.00'	868.00'	760.00'	760.00'	20000.00'	360.00'
T	102.62	59.92'	561.10'	350.36'	926.91'	217.80'	30.51'
L	205.27'	118.36'	996.23'	656.55'	1343.71'	435.52'	60.87'
							44.77'

PARABOLIC CURB FLARE

Dist. %inf	Dist. %inf
5 0.04	5 0.04
10 0.15	10 0.15
15 0.33	15 0.33
20 0.59	20 0.59
25 0.93	25 0.93
30 1.33	30 1.33
35 1.81	35 1.81
40 2.37	40 2.37
45 3	45 3

TAPERS

Dist. %inf	Dist. %inf	Dist. %inf
0 0	0 0	0 0
4.5 0.06	4.5 0.06	4.5 0.06
9 0.25	9 0.25	9 0.25
13.5 0.56	13.5 0.56	13.5 0.56
18 1	18 1	18 1.25
27 2	27 2	27 2.50
36 3	36 3	36 3.75
40.5 3.44	40.5 3.44	40.5 4.30
45 3.75	45 3.75	45 4.69
49.5 3.94	49.5 3.94	49.5 4.92
54 4	54 4	54 5

RAMP WL-I STA. 11+35
Construct: Type "IB" C.B.
Install: 24" CI. III RCCP or 14 ga. CGMP

ESTIMATED QUANTITIES
Class "A-1" Conc. = 5.2 cy.
Reinf. Steel = 324 lbs.
24" CI. III RCCP or 14 ga. CGMP = 107 lf.
Struc. Exc. = 66 cy.
Type "A" C.I. Frame & Cover = 1 ea.

RAMP WL-O STA. 11+35
Construct: Type "IB" C.B.
Install: 24" CI. III RCCP or 14 ga. CGMP

ESTIMATED QUANTITIES
Class "A-1" Conc. = 6.6 cy.
Reinf. Steel = 324 lbs.
24" CI. III RCCP or 14 ga. CGMP = 16 lf.
Struc. Exc. = 7 cy.
Type "A" C.I. Frame & Cover = 1 ea.

Note:
The shaded portion of
Ramps (WL-I) and (WL-O)
indicate the approximate
proposed realignment.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
196	HAWAII	1-11-1(5)	1965	276	276

IB-3 STA. 43+50
Construct: Type "B" C.B.
Install: 24" CI. III RCCP or 14 ga. CGMP

ESTIMATED QUANTITIES
Class "A-1" Conc. = 5.4 cy.
Reinf. Steel = 108 lbs.
24" CI. III RCCP or 14 ga. CGMP = 217 lf.
Struc. Exc. = 134 cy.
Type "B" C.I. Fr. & Cover = 1 ea.

RAMP (HI-O) STA. 12+75
Construct: Special C.B.
Install: 24" CI. III RCCP or 14 ga. CGMP

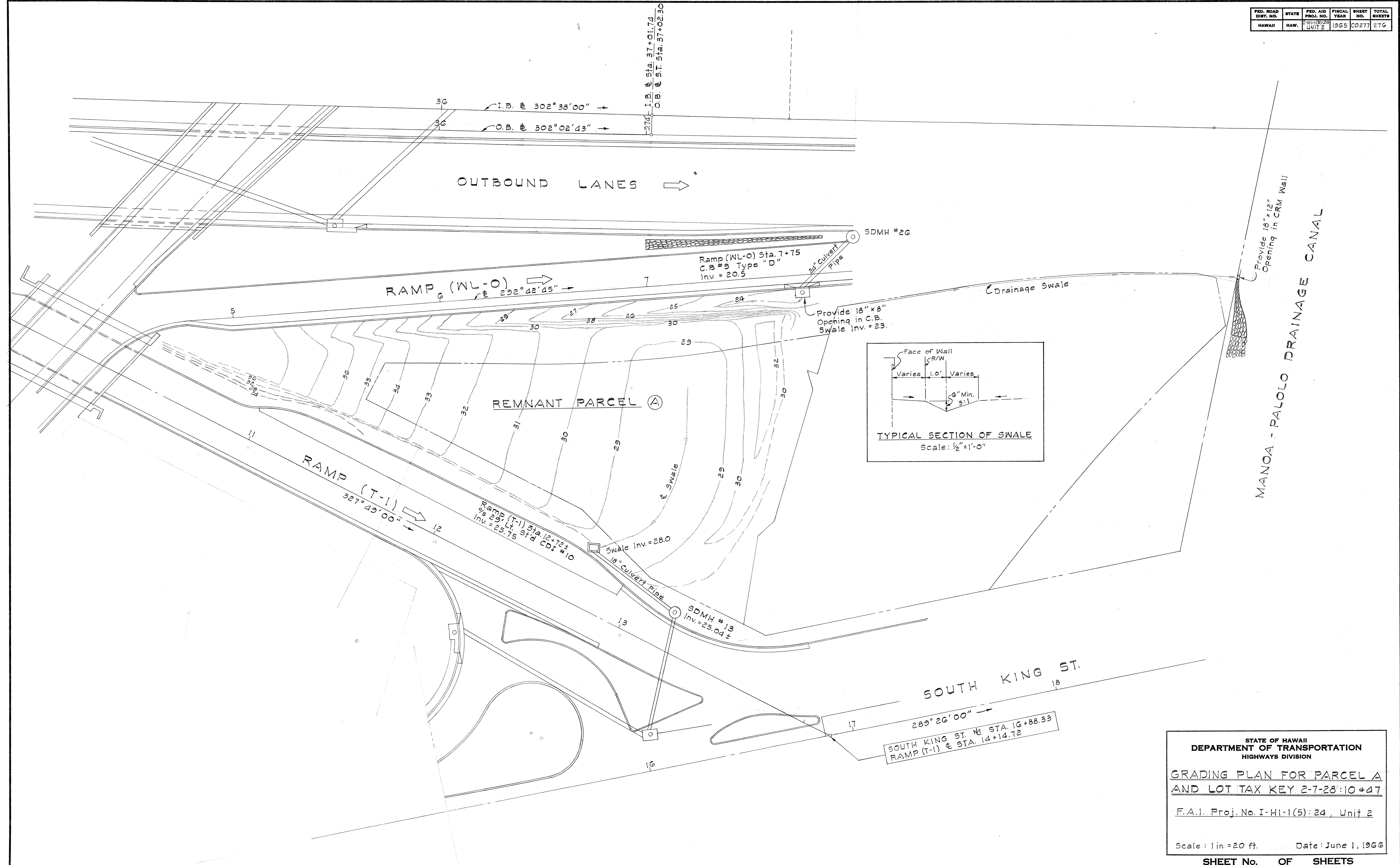
ESTIMATED QUANTITIES
24" CI. III RCCP or 14 ga. CGMP = 139 lf.
Struc. Exc. = 65 cy.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SUPPLEMENTARY
DETAIL PLAN OF ROADWAY
O.B. STA. 39+50 TO O.B. STA. 44+75
FAI Proj. No. I-HI-1(5):24, Unit 2

Scale: 1" = 20'
Date: April 1965
SHEET NO. 2 OF 2 SHEETS

276

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-H-1(5) 24 UNIT 2	1965	CO277	276



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN FOR PARCEL A
AND LOT TAX KEY 2-7-28:10+47

F.A.I. Proj. No. I-H-1(5) 24, Unit 2

Scale: 1 in. = 20 ft. Date: June 1, 1966

SHEET No. OF SHEETS

CO277