

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0630(10) 5-0630(7)	1970	10	153

GENERAL NOTES

- Origin of Azimuths: Kailua Δ Coordinates referred to Kailua Δ
- The State assumes no responsibility in respect to the sufficiency or accuracy of the Boring Logs as shown on Sht. No. 21
- For Bench Marks, See Sht. No. 8
- The existing mail boxes in the way of the construction area shall be relocated by the Contractor 2.5' from the shoulder at no-curb sections and 2.5' from the curb line at curb sections. The exact location and method of relocation will be determined by the Engineer. (Incidental to the various Contract Items)

- The Contractor shall reverse the opening of the existing Chain Link Fence Gate to open into the owners property at Baseline Sta. 0+44 right. Payment for this work shall be considered incidental to the various Contract Items

- For ϕ Driveway Profiles, See Sht. Nos. 17 & 18

ACCESS PERMITTED

ϕ Sta. 8+53 Rt.	108'
ϕ Sta. 10+03 Lt.	78.17'
ϕ Sta. 12+80 Lt.	24'
ϕ Sta. 17+50 Rt.	60'
ϕ Sta. 21+00 Rt.	60'
ϕ Sta. 25+90 Lt.	30'

CCO #2

4" ACP Sleeve for Sprinkler System

TRUE NORTH
Scale: 1" = 20'

2800 N

2800 N

BEGIN F.A.S. PROJECT NO. 5-0630 (10)
BASELINE STA. -4+35.05

DRIVE

MIKIOLA

MATCH LINE ϕ STA. 0+50

INBOUND LANES

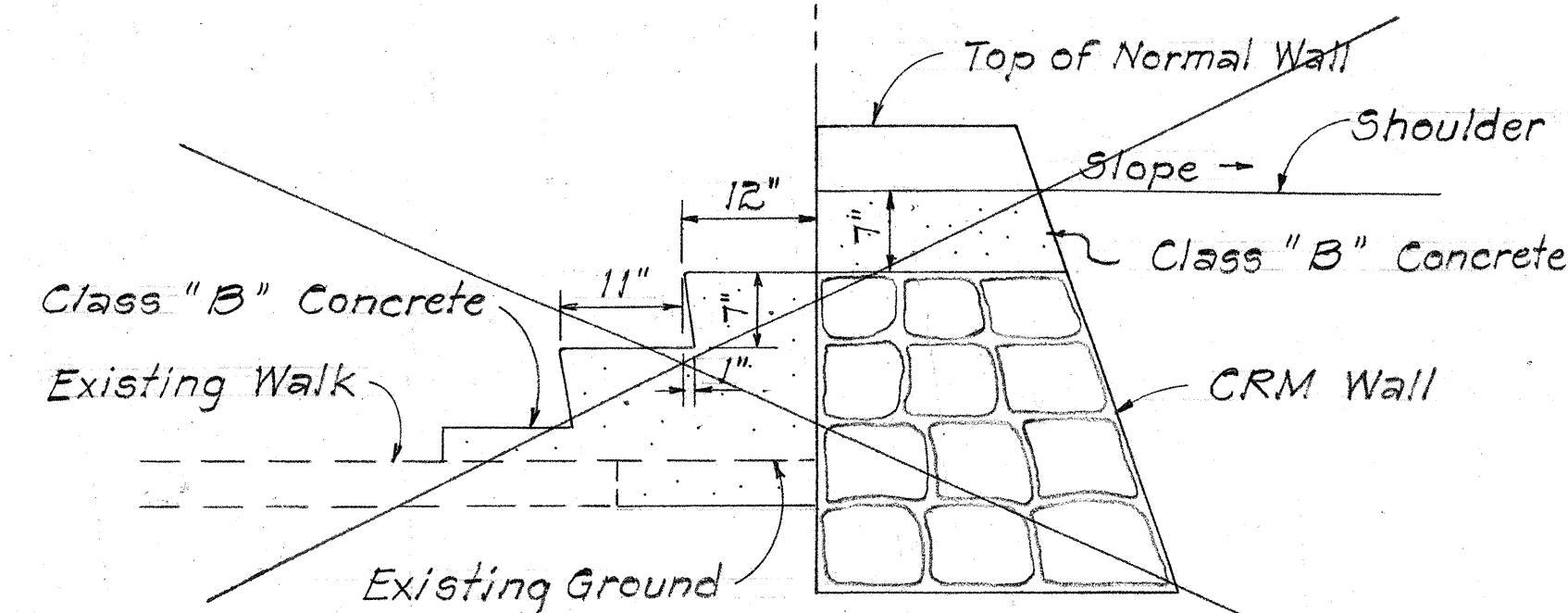
OUTBOUND LANES

ESTIMATED QUANTITIES

Standard C & C Monument	1	Each
Curb, Type 2A	300	Lin. Ft.
Curb & Gutter, Type 2AG	300	Lin. Ft.
Curb & Gutter, Type 2DG	567	Lin. Ft.
4-Inch Reinf. Conc. Driveways	35	Sq. Yd.

CURVE DATA

	100	101	102	103	104
Δ	3° 23' 00"	36° 01' 30"	4° 23' 20"	6° 50' 38"	3° 27' 30"
$\Delta/2$	1° 41' 30"	18° 00' 45"	2° 11' 40"	3° 25' 19"	1° 43' 45"
R	2,000.00'	1,036.00'	2,000.00'	500.00'	1,428.31'
T	59.07'	336.87'	76.64'	29.90'	45.23'
C	118.08'	640.71'	153.16'	59.69'	90.42'
L	118.10'	651.39'	153.21'	59.72'	90.43'



DETAIL OF CONCRETE STEPS

ϕ STA. 0+37 LT.

Scale: 3/4" = 1' 0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY

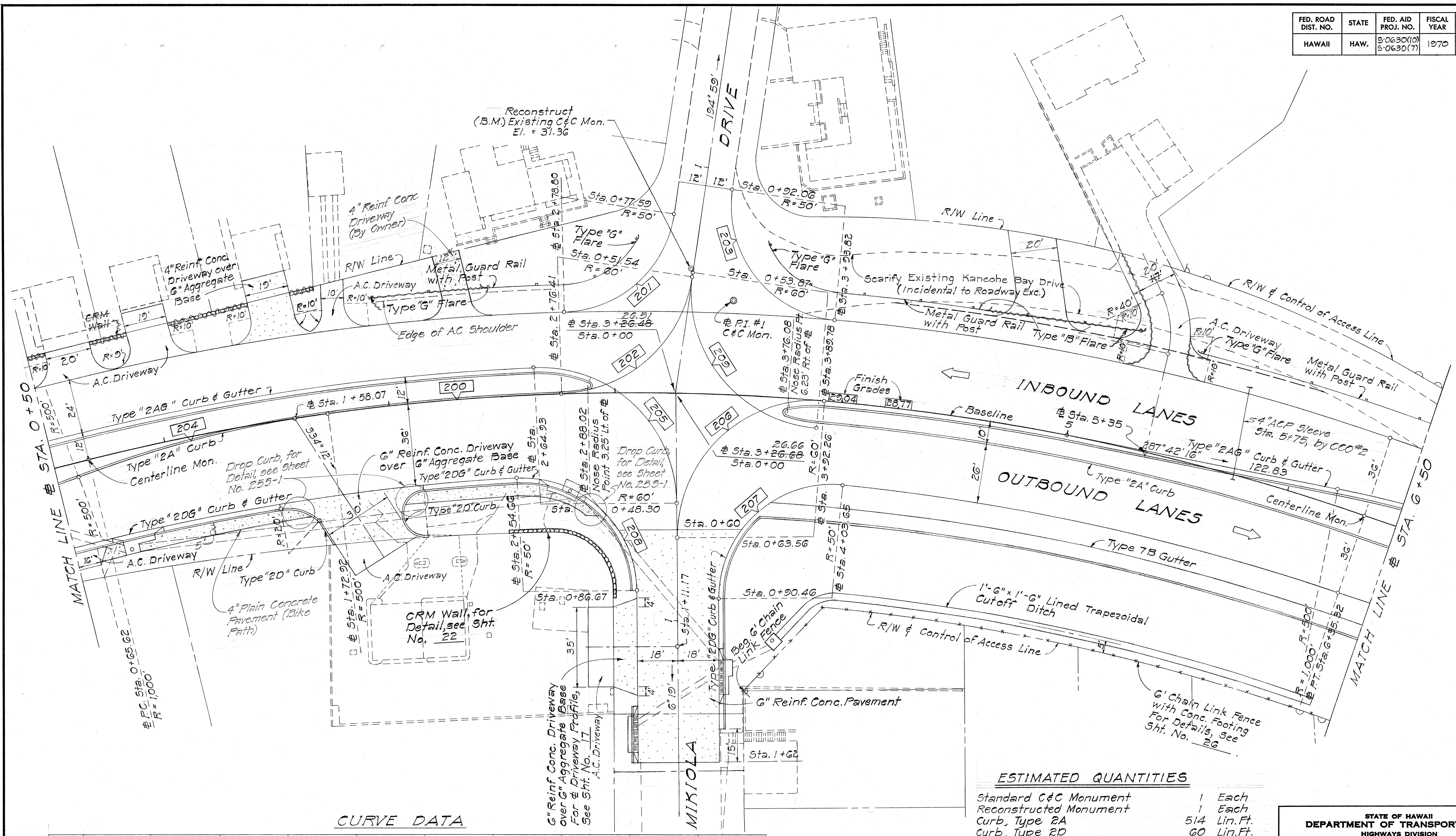
MOKAPU SADDLE ROAD
F.A.S. Proj. No. 5-0630 (10)
F.A.S. Proj. No. 5-0630 (7)

Scale: Date:

SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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TRUE NORTH
Scale: 1"=20'



CURVE DATA

	200	201	202	203	204	205	206	207	208	209
Δ	32°38'30"	80°02'52"	79°54'40"	93°21'42"	12°59'30"	92°04'50"	95°12'54"	95°52'02"	92°40'10"	93°35'38"
Δ/2	16°19'15"	40°01'26"	39°57'20"	46°40'51"	6°29'45"	46°02'25"	47°36'27"	47°56'01"	46°20'05"	46°47'49"
R	1,000.00'	50.00'	60.00'	50.00'	500.00'	60.00'	60.00'	50.00'	50.00'	60.00'
T	292.82'	41.99'	50.27'	53.02'	56.93'	62.22'	65.73'	55.40'	52.39'	63.89'
C	562.03'	64.31'	77.06'	72.75'	113.13'	86.38'	88.63'	74.24'	72.34'	87.47'
L	569.70'	69.85'	83.68'	81.47'	113.37'	96.43'	99.71'	83.66'	80.87'	98.01'

ESTIMATED QUANTITIES

Standard C&C Monument	1	Each
Reconstructed Monument	1	Each
Curb, Type 2A	514	Lin. Ft.
Curb, Type 2D	60	Lin. Ft.
Curb & Gutter, Type 2AG	514	Lin. Ft.
Curb & Gutter, Type 2DG	317	Lin. Ft.
4-Inch Reinf. Conc. Driveways	62	Sq. Yd.
6-Inch Reinf. Conc. Driveways	146	Sq. Yd.
Guard Rail, Type 3 Single	407	Lin. Ft.
6-Feet Chain Link Fence	280	Lin. Ft.

STATE OF HAWAII
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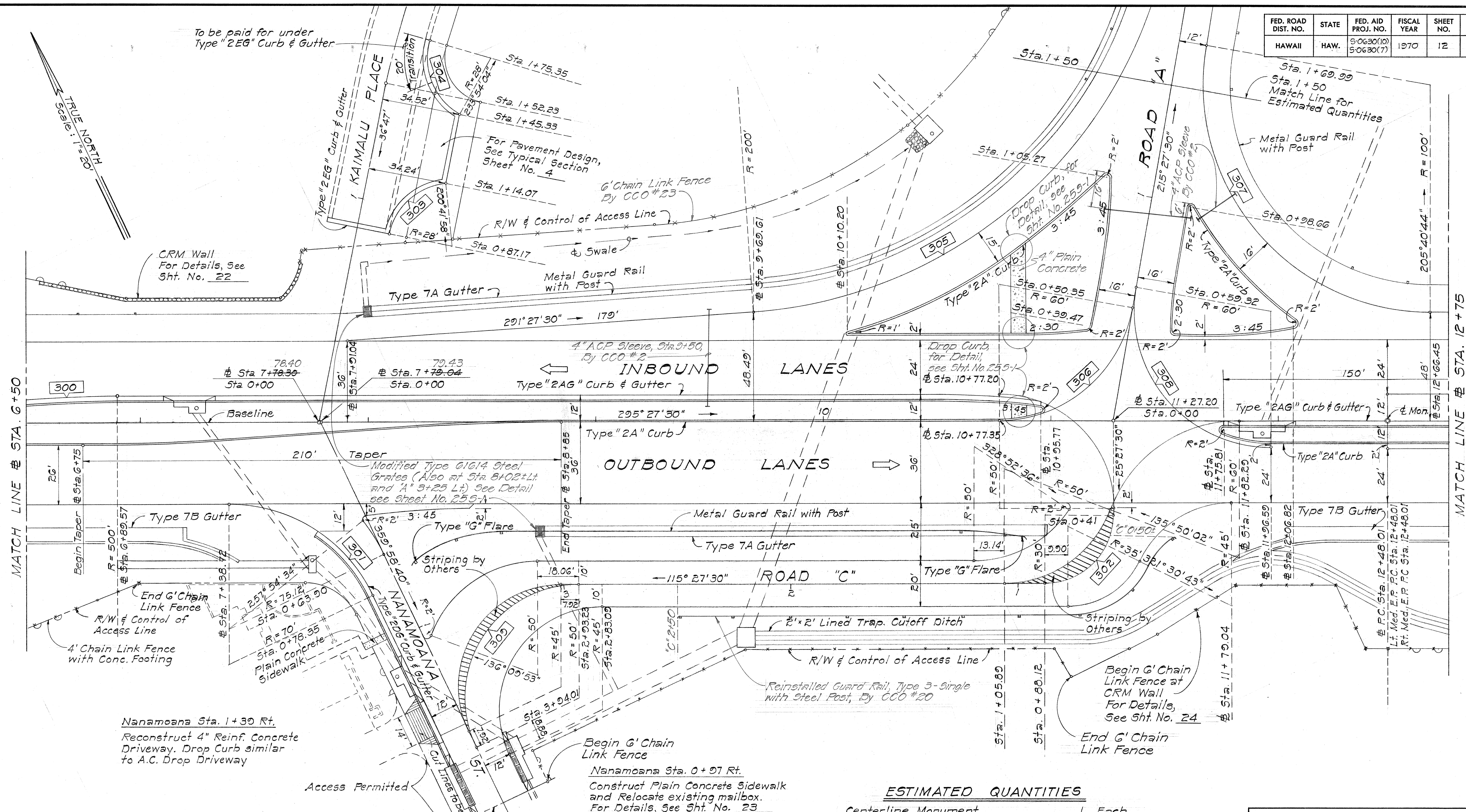
DETAIL PLAN OF ROADWAY

MOKAPU SADDLE ROAD
F.A.S. Proj. No. 5-0630(10)
F.A.S. Proj. No. 5-0630(7)

Scale: As Shown Date: Nov. 1968
SHEET No. 2 OF 5 SHEETS

DESIGNED BY	DATE
TRACED BY	
NOTED BY	
CHECKED BY	
APPROVED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0630(10) 5-0630(7)	1970	12	153



Nanamoana Sta. 1+30 Rt.
Reconstruct 4" Reinf. Concrete
Driveway. Drop Curb similar
to A.C. Drop Driveway

CURVE DATA

	300	301	302	303	304	305	306	307	308	309
Δ	7°45'14"	64°31'10"	90°00'00"	73°54'58"	72°52'56"	76°00'00"	80°00'00"	99°46'46"	100°00'00"	115°28'50"
Δ/2	3°52'37"	32°15'35"	45°00'00"	36°57'29"	36°26'28"	38°00'00"	40°00'00"	49°53'23"	50°00'00"	57°44'25"
R	500.00'	70.00'	30.00'	28.00'	28.00'	200.00'	60.00'	100.00'	60.00'	50.00'
T	33.88'	44.18'	30.00'	21.07'	20.67'	156.26'	50.35'	118.71'	71.51'	70.22'
C	67.61'	74.73'	42.43'	33.67'	33.26'	246.26'	77.13'	152.96'	91.93'	84.56'
L	67.67'	78.83'	47.12'	36.12'	35.62'	265.29'	83.78'	174.15'	104.72'	100.78'

ESTIMATED QUANTITIES

Centerline Monument	1	Each
Curb, Type 2A	1048	Lin. Ft.
Curb & Gutter, Type 2AG	546	Lin. Ft.
Curb & Gutter, Type 2DG	105	Lin. Ft.
4-Inch Reinf. Conc. Driveway	17	Sq. Yd.
Guard Rail, Type 3 Single	922	Lin. Ft.
G-Feet Chain Link Fence	400	Lin. Ft.
4-Feet Chain Link Fence on CRM Wall	126	Lin. Ft.

STATE OF HAWAII
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DETAIL PLAN OF ROADWAY

MOKAPU SADDLE ROAD
F.A.S. Proj. No. S-0630 (10)
F.A.S. Proj. No. S-0630 (7)

Scale: As Shown Date: Nov. 1968

SHEET No. 3 OF 5 SHEETS

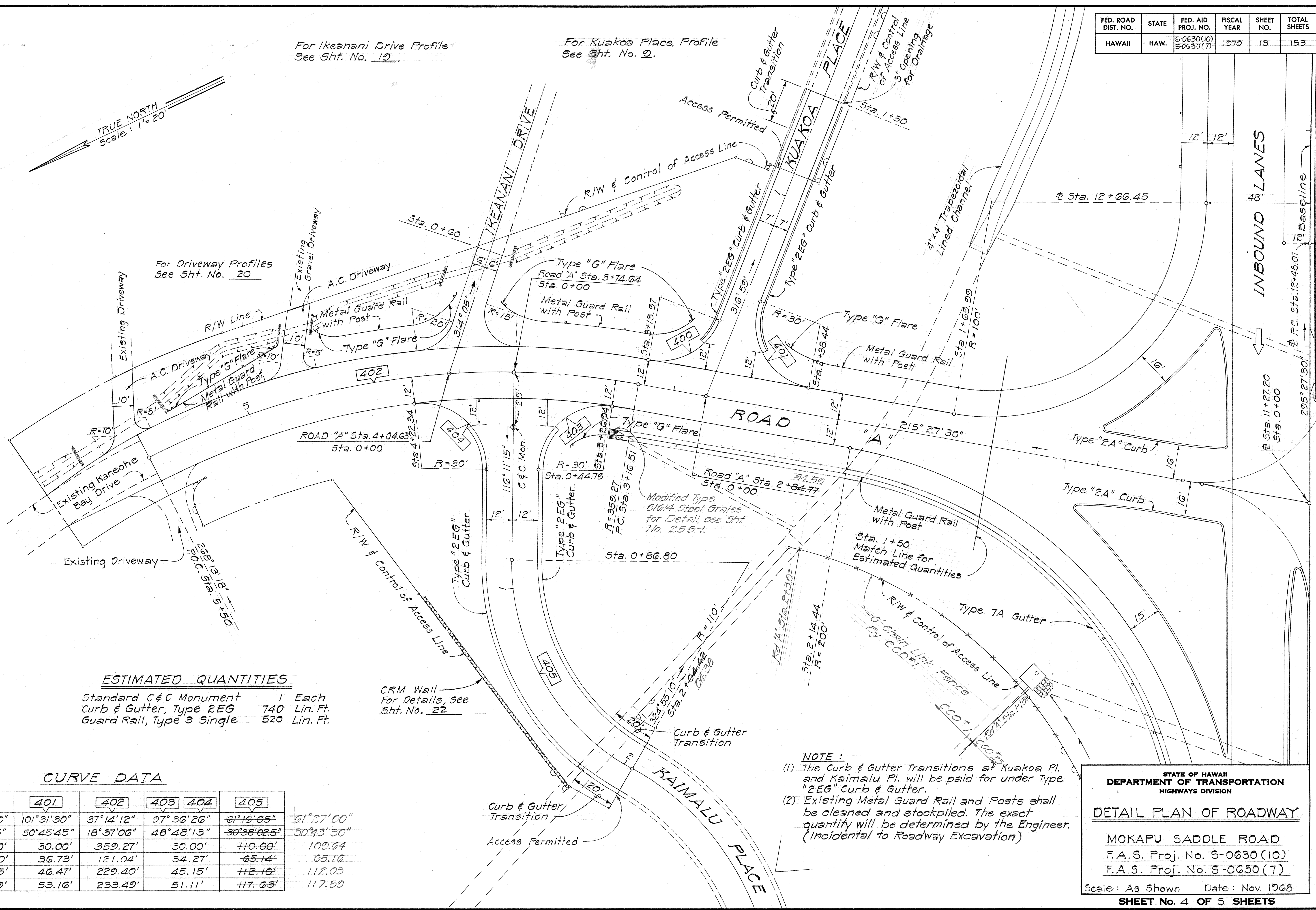
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	S-0630(10) S-0630(7)	1970	13	153

TRUE NORTH
Scale: 1" = 20'

For Ikeahani Drive Profile
See Sht. No. 19.

For Kuakoa Place Profile
See Sht. No. 2.

For Driveway Profiles
See Sht. No. 20



ESTIMATED QUANTITIES

Standard C & C Monument	1	Each
Curb & Gutter, Type 2EG	740	Lin. Ft.
Guard Rail, Type 3 Single	520	Lin. Ft.

CRM Wall
For Details, see
Sht. No. 22

CURVE DATA

	400	401	402	403	404	405	
Δ	78°28'30"	101°31'30"	37°14'12"	97°36'26"	61°16'05"	61°27'00"	
A/2	39°14'15"	50°45'45"	18°37'06"	48°48'13"	30°38'02.5"	30°43'30"	
R	30.00'	30.00'	359.27'	30.00'	110.00'	100.64	
T	24.50'	36.73'	121.04'	34.27'	65.14'	65.16	
C	37.95'	46.47'	229.40'	45.15'	112.10'	112.03	
L	41.09'	53.16'	233.49'	51.11'	117.63'	117.59	

NOTE:

- The Curb & Gutter Transitions at Kuakoa Pl. and Kaimalu Pl. will be paid for under Type "2EG" Curb & Gutter.
- Existing Metal Guard Rail and Posts shall be cleaned and stockpiled. The exact quantity will be determined by the Engineer. (Incidental to Roadway Excavation)

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DETAIL PLAN OF ROADWAY

MOKAPU SADDLE ROAD
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F.A.S. Proj. No. S-0630(7)

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SHEET No. 4 OF 5 SHEETS

